COLLEGE OF EDUCATION, HEALTH AND HUMAN SERVICES

College of Education Health and Human Services
408 White Hall
Kent Campus
330-672-2202
ehhsdean@kent.edu
www.kent.edu/ehhs

Mission of the College
The mission of the College of Education, Health and Human Services is to advance knowledge through innovative research and student-centered learning by engaging with diverse communities to improve well-being across the lifespan.

The college offers more than two dozen distinctive programs that lead to the degrees of Bachelor of Science, Bachelor of Science in Education, Master of Arts, Master of Arts in Teaching, Master of Education, Educational Specialist, Doctor of Education and Doctor of Philosophy.

Schools
• School of Foundations, Leadership and Administration
• School of Health Sciences
• School of Lifespan Development and Educational Sciences
• School of Teaching, Learning and Curriculum Studies

Undergraduate Programs
• American Sign Language/English Interpreting - B.S.
• Athletic Training - B.S.
• Career and Community Studies - non-degree
• Career and Community Studies-College Preparation (Non-degree)
• Career and Community Studies-Employment Readiness (Non-degree)
• Community Health Education - B.S.
• Early Childhood Education - B.S.E.
• Earth Science - B.S.E.
• Exercise Science - B.S.
• Hospitality and Event Management - B.S.
• Human Development and Family Science - B.S.
• Integrated Health Studies - B.S.
• Integrated Language Arts - B.S.E.
• Integrated Mathematics -B.S.E.
• Integrated Science - B.S.E.
• Integrated Social Studies - B.S.E.
• Life Science - B.S.E.
• Life Science/Chemistry - B.S.E
• Long-Term Care Administration - B.S.
• Middle Childhood Education - B.S.E.
• Nutrition - B.S.
• Physical Education and Sport Performance - B.S.
• Physical Science - B.S.E.
• Professional Studies - B.S.
• Recreation, Park and Tourism Management - B.S.
• School Health Education - B.S.E.
• Special Education - B.S.E.
• Speech Pathology and Audiology - B.S.
• Sport Administration - B.S.
• Sport, Exercise and Performance Psychology - B.S.
• Sports Medicine - B.S.

Minors
• Athletic Coaching
• Autism Spectrum Disorders
• Community Health Education
• Disability Studies and Community Inclusion
• Early Intervention
• Education
• Esports
• Event Planning
• Gerontology
• Hospitality and Event Management
• Human Development and Family Science
• Human Sexuality
• International Family Science
• Mild to Moderate Special Education
• Nonprofit Studies
• Park Management
• Recreation Management
• Speech Pathology and Audiology
• Sport Administration
• Sports Medicine: Administration
• Sports Medicine: General Medical and Emergency Care
• Sports Medicine: Orthopedic Patient Care
• Teaching and Learning with Technology
• Tourism Management

Graduate Programs
• Athletic Training - M.S.
• Audiology - M.A.
• Audiology - Au.D.
• Audiology - Ph.D.
• Career - Technical Teacher Education - M.Ed.
• Clinical Mental Health Counseling - M.Ed.
• Clinical Rehabilitation Counseling - M.Ed.
• Communication Sciences and Disorders - Ph.D.
• Counseling - Ed.S.
• Counselor Education and Supervision - Ph.D.
• Cultural Foundations - M.A.
• Cultural Foundations - M.Ed.
• Cultural Foundations - Ph.D.
• Curriculum and Instruction - M.Ed.
• Curriculum and Instruction - Ed.S.
• Curriculum and Instruction - Ph.D.
• Early Childhood Education - M.A.T.
• Early Childhood Education - M.Ed.
• Educational Leadership K-12 - M.Ed.
• Educational Leadership K-12 - Ed.S.
• Educational Leadership K-12 - Ph.D.
• Educational Psychology - M.Ed.
• Educational Technology - M.Ed.
• Exercise Physiology - M.S.
• Exercise Physiology - Ph.D.
• Health Education and Promotion - M.Ed.
• Health Education and Promotion - Ph.D.
• Higher Education Administration - Ph.D.
• Higher Education Administration and Student Affairs - Ed.S.
• Higher Education Administration and Student Affairs - M.Ed.
• Hospitality and Tourism Management - M.S.
• Human Development and Family Science - M.A.
• Interprofessional Leadership - Ed.D.
• Learning Science - M.A.
• Learning Science - Ph.D.
• Nutrition - M.S.
• Reading Specialization - M.Ed.
• Research, Measurement and Statistics - M.Ed.
• Research, Measurement and Statistics - Ph.D.
• School Counseling - M.Ed.
• School Psychology - M.Ed.
• School Psychology - Ed.S.
• School Psychology - Ph.D.
• Secondary Education - M.A.T.
• Special Education - M.Ed.
• Special Education - Ed.S.
• Special Education - Ph.D.
• Speech Language Pathology - M.A.
• Sport Administration - M.A.

Certificates

Undergraduate Certificates
• Addictions Counseling
• Alcohol, Tobacco and Other Drug Prevention
• Career-Technical Teacher Education
• Deaf Education Multiple Disabilities
• Event Management
• Hospitality Management
• Teaching and Learning with Technology

Graduate Certificates
• Addictions Counseling
• Autism Spectrum Disorders
• Behavioral Intervention Specialist
• Career and Academic Advising
• Career-Technical Teacher Education

• College Teaching
• Community College Leadership
• Deaf Education Multiple Disabilities
• Disability Studies and Community Inclusion
• Early Intervention
• Gerontology
• Institutional Research and Assessment
• Internationalization of Higher Education
• Nursing Home Administration
• Ohio Superintendent’s Licensure
• Online and Blended Learning
• Qualitative Research

Licensure/Endorsement Programs - Non-Degree

Undergraduate
• Middle Childhood Generalist Science (4-6) Endorsement Preparation
• Middle Childhood Generalist Social Studies (4-6) Endorsement Preparation

Graduate
• Adapted Physical Education Endorsement Preparation
• Alternative Licensure Professional Development Institute, English/Language Arts
• Alternative Licensure Professional Development Institute, Mathematics
• Alternative Licensure Professional Development Institute, Science
• Alternative Licensure Professional Development Institute, Social Studies
• American Sign Language/English Interpreting Licensure Preparation
• Career-Based Intervention Endorsement Preparation
• Computer Science Endorsement Preparation
• Computer Technology Endorsement Preparation
• Early Childhood Education (P-5) Additional Licensure Preparation
• Early Childhood Education Pre-Kindergarten (3-5 years) Endorsement Preparation

• Gifted Education Endorsement Preparation
• Integrated Language Arts Additional Licensure Preparation
• Integrated Mathematics Additional Licensure Preparation
• Integrated Science Additional Licensure Preparation
• Integrated Social Studies Additional Licensure Preparation
• Middle Childhood Education (4-9) Language Arts/Reading and Mathematics Initial Licensure Preparation
• Middle Childhood Education (4-9) Language Arts/Reading and Science Initial Licensure Preparation
• Middle Childhood Education (4-9) Mathematics and Science Initial Licensure Preparation
• Middle Childhood Education (4-9) Mathematics and Social Studies Initial Licensure Preparation
• Middle Childhood Education (4-9) Social Studies and Language Arts/Reading Initial Licensure Preparation
• Middle Childhood Education (4-9) Social Studies and Science Initial Licensure Preparation
Repeating Field Experience Courses in Teacher Education Programs

Teacher candidates are permitted to repeat a field experience course once (see major requirements for specific courses). If a teacher candidate is unsuccessful in completing OR fails to earn the required grade in a field experience course the first time, the teacher candidate will receive a warning and will be required to work with a faculty advisor in their academic unit to develop a plan for continuation. The required grade is a C or better in a course that awards a letter grade, or Satisfactory (S) in a course that awards an S/U grade. The plan will include all actions necessary to continue in current program, the opportunity to declare a different program, a timeline of when actions should occur, and next steps if actions are not followed. If the teacher candidate does not earn the required grade in the field experience course the second time, a hold will be placed on their account, preventing them from registering for classes until they change their major out of the education program.

Residence Requirement Policy for Non-Degree Teacher Education Licensure/Endorsement Preparation Programs

- Non-degree licensure (initial and additional) and endorsement programs that are a total of 15 credits or above: Students must complete 60% of the coursework at Kent State University, including the course that addresses the CAEP A.1.1 Standard as designated by the program area.
- Non-degree licensure (initial and additional) and endorsement programs that are less than 15 total credits: Students must complete 100% of the coursework at Kent State University.
- Students are permitted 6 years to complete licensure programs and 4 years to complete endorsement programs at Kent State University.
- Coursework transferred from another university cannot be more than 6 years old at the time the licensure/endorsement program is completed.
- Students who do not meet the residence requirements will not be recommended for licensure by Kent State University.

Professional Dispositions for Teacher Candidates

Professional dispositions are the professional attitudes, values, and beliefs demonstrated through both verbal and non-verbal behaviors as educators interact with students, families, colleagues, faculty, and communities. The teacher education faculty believe that the following dispositions support student learning and development. Therefore teacher candidates are expected to demonstrate:

- Communication and Collaboration
- Fairness and Equity
- Ethical Behavior
- Professional Responsibility

These dispositions are assessed at least three times in a candidate’s program:

- Education in a Democratic Society course,
- a methods course with a field component, and
- student teaching.

In addition, a disposition assessment may be completed by a faculty member at any time a situation calls for it. A disposition is considered ‘acceptable’ if a candidate does not have an outstanding Professional Disposition Plan (PDPs) that requires improved performance in specified areas. A candidate may not progress through the teacher education program if they have any PDPs submitted and unresolved at the following three points:

- Applying for advanced study: If a student has an outstanding PDP at the time of application, a student will not be able to apply for advanced study until the PDP is rectified.
- Prior to the student teaching semester: All outstanding PDPs must be completed and cleared prior to the start of student teaching.
- End of student teaching semester: A student with an outstanding PDP during the student teaching semester will not successfully pass student teaching.

College Policies

EHHS General

The non-degree EHHS General category is intended for students who are exploring programs in EHHS and are not yet ready to declare a major or do not meet the criteria for their intended major. Because a degree cannot be earned while in EHHS General, it is important that students declare a major before earning 45 credit hours to facilitate timely progress toward a degree. Students will not be permitted to continue in EHHS General after accumulating 45 credit hours.

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- Non-degree licensure (initial and additional) and endorsement programs that are less than 15 total credits: Students must complete 100% of the coursework at Kent State University.
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In addition, a disposition assessment may be completed by a faculty member at any time a situation calls for it. A disposition is considered ‘acceptable’ if a candidate does not have an outstanding Professional Disposition Plan (PDPs) that requires improved performance in specified areas. A candidate may not progress through the teacher education program if they have any PDPs submitted and unresolved at the following three points:

- Applying for advanced study: If a student has an outstanding PDP at the time of application, a student will not be able to apply for advanced study until the PDP is rectified.
- Prior to the student teaching semester: All outstanding PDPs must be completed and cleared prior to the start of student teaching.
- End of student teaching semester: A student with an outstanding PDP during the student teaching semester will not successfully pass student teaching.
Professional Education Warning

Professional Education Warning for students in teacher licensure programs and the Community Health Education major must have a minimum 2.75 GPA to progress in their programs and ultimately graduate. Unless other factors are present, students who do not meet the prescribed conditions are required to transfer out of their declared major. An appeal of this decision is directed to the associate dean of undergraduate student services, College of Education, Health and Human Services, 304 White Hall.

Background Checks for Teacher Licensure Candidates

For field experience, student teaching and any culminating internship in teacher education that requires candidates to be placed within a school or agency (“school/agency”) setting, the college requires candidates to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the beginning of the field experience or the first day of the semester in which the student teaching/internship will take place. Authorized school/agency personnel will determine whether a candidate may participate in fieldwork in that setting. The BCII and FBI background checks are good for one year and are mandatory for licensure application. Electronic fingerprinting is available for BCII and FBI in 221 White Hall and should be completed at least two months prior to field experience/student teaching/culminating internship. Regional campus students should contact their Regional Campus coordinator to identify fingerprinting availability at each campus. Candidates are responsible for fees incurred for this requirement. For more information on this policy, contact the Director of Clinical Field Experience in 304 White Hall. Visit the Ohio Department of Education (ODE) website at www.ode.state.oh.us for more information about background check requirements for educators in Ohio. Contact the Office of Professional Conduct at the ODE for specific information about the results of the background check.

Student Teaching

The application for student teaching is completed online through the College of Education, Health and Human Services’ student portal. Students will be required to complete the application during specified windows posted on the Vacca Office of Student Services’ (VOSS) website. Application windows will typically be accessible during the months of October and November in the fall semester and March and April in the spring semester. Failure to complete the application and submit the prerequisite training documents within the designated time frame may delay the student teaching placement. Depending on the program area, students will apply either 2 or 3 semesters prior to their anticipated student teaching semester. Students should meet with their academic advisor for details on which semester to apply.

Once the application is submitted, VOSS staff (or appropriate regional campus staff) will determine eligibility by reviewing coursework, GPA, disposition assessments, and other program area requirements. Specifically, staff will review the following:

- Coursework – aside from student teaching and inquiry seminar, all coursework in the program of study must be completed with the minimum grade required in each course (i.e., a ‘C’ or higher in a course where the program requirements prescribe a minimum grade of C).
- GPA – confirmation that the applicant has a 2.75 cumulative GPA or higher and meets the minimum major GPA required for their program as listed in the university catalog.
- Disposition Assessments – no outstanding Professional Disposition Plans (PDPs) are permitted. An applicant with an outstanding PDP must have it cleared before beginning student teaching.
- Program Area Requirements – applicant must have completed all program requirements for their major that are outlined and specified in the university catalog.

Students should meet with their faculty and/or academic advisor in VOSS for any clarifications. Written notification of eligibility will be emailed to each applicant.

Those eligible for student teaching are required to attend a mandatory meeting where additional information about student teaching is provided. Failure to attend this meeting may result in a delay of student teaching. Placement forms, distributed at this meeting, need to be completed by the deadline.

The Clinical Experience Office will make the final decision about the placement site for the Kent Campus. Placement decisions at the Regional Campuses are made by the designated placement officer at each campus. Candidates are not to contact schools or potential mentors directly to make their own arrangements. Placements are generally made within a 50 mile radius of Kent State University. Student teaching is a full-time commitment and candidates are expected to follow the schedule of the cooperating teacher.

Education Licensure Application

Students in the teacher education programs must apply for State of Ohio Licensure within 12 months of program completion (defined by completion of all licensure program requirements). After 12 months, applicants must meet State approved program/licensure requirements that are in effect at the time of application. This means that students who apply after the 12 month deadline may have to take additional coursework if the content, methods courses, program requirements, or licensure requirements have changed from the catalog in force.

If a student does not apply for their license within 6 years, they are subject to any additional state licensure requirements and are also subject to additional coursework based on changes in areas such as content, age of coursework and changes in program requirements. A minimum of 9 credit hours will be required to apply for licensure after 6 years of program completion.

Admission GPA for Undergraduate Students

For admissions, the College of Education, Health and Human Services considers a student to have established a Kent State University GPA after the student has successfully completed a minimum of 12 Kent State University credit hours. Undergraduate students who have not completed a minimum of 12 Kent State University credit hours will be evaluated for admission into programs, Advanced Study, and the Professional phase based on their high school GPA for new freshmen, or transfer GPA for transfer students. Once a student has successfully completed a minimum of 12 Kent State University credit hours, only the student’s Kent State cumulative GPA will be considered for admission into a program, Advanced Study, and Professional Phase.
Students who have completed 12 or more credit hours of previous college-level coursework, either at Kent State University or at another accredited institution, need an overall GPA of 2.00 or higher to declare a College of Education, Health and Human Services majors, minors or certificates unless a higher minimum GPA is specified by the program. See specific programs in this catalog for more information on required minimum GPA to declare. Non-degree EHHS General can be declared without a minimum 2.00 overall GPA.

Transfer applicants who have completed fewer than 12 semester hours of college-level coursework will be evaluated on both collegiate and high school records.

Undergraduate Graduation Requirements

• Students declared in a teacher licensure major or minor must earn a minimum C grade in all major/minor and professional coursework.
• Students declared in the Education minor must earn minimum 2.500 content GPA.
• Students may apply a maximum 4 credit hours of Physical Activity, Wellness and Sport (PWS) courses toward their degree.
• Students may apply a maximum of 4 credit hours of variable-titled workshop (xxx93) toward an undergraduate degree. Identical workshop topics that are repeated for credit will not count towards graduation requirements. All workshops are graded S/U (satisfactory/unsatisfactory). Some program areas may be more restrictive. Students are advised to consult their program regarding application of workshop credit toward degree requirements.

To see graduation requirements for a specific program, please select a major from the undergraduate program listing.

Requirements for Admission to Advanced Study

Admission to advanced study is required of all teacher education initial licensure majors and minors prior to enrolling in upper-division education courses. Upon completion of coursework as determined by program area, students should have satisfied the prerequisites for admission to advanced study. Students must submit an application for advanced study by the second Friday of the term during which all prerequisites for advanced study will be completed, and at least one semester prior to beginning any coursework for which “Admission to Advanced Study” is a prerequisite. All students apply for Advanced Study through the College of Education, Health and Human Services Student Portal which can be accessed through the Vacca Office of Student Services web page. Students in teacher education majors and minors must be officially admitted to advanced study to take upper-division professional coursework.

Please note: Admission to advanced study is required for students pursuing an undergraduate major that leads to initial teacher licensure, with the exception of Trade and Industrial Education majors who obtained initial licensure through the Alternative Resident Educator Licensure Program (teachers recruited from business and industry).

Requirements for Admission to Advanced Study

To manage enrollment and deliver high-quality programs, the faculty will select the most qualified applicants for admission based upon evaluation of academic success (cumulative GPA) at Kent State University, non-academic criteria and other specific program criteria.

Please be aware that reapplication may be necessary if postponing advanced study coursework or if withdrawn for one year or more.

College Writing

• Students are required to attain minimum C grade in each writing course (ENG 11011 and ENG 21011 or equivalent) (Integrated Language Arts majors must attain minimum B grade).

Mathematics

• The following courses must be completed with minimum C grade for the majors Early Childhood Education, Middle Childhood Education and Special Education:
  • MATH 14001
  • MATH 14002
• The following courses must be completed with a minimum C grade for Integrated Mathematics majors:
  • MATH 12002
  • MATH 12003
• In addition, a minimum 2.600 overall GPA in math content coursework is required.

Pre-Advanced Study Coursework

• To be eligible for advanced study, students must earn a minimum C grade in CULT 29535 and minimum C grade in one of the following courses (please note that a minimum C grade must be earned in both courses for teacher licensure programs):
  • EPSY 29525 (note: Middle Childhood Education majors must earn a minimum C grade in this course to be eligible for Advanced Study)
  • SPED 23000
• Early Childhood Education majors must earn a minimum C grade in ECED 10120 to be eligible for advanced study.
• Middle Childhood Education majors must earn a minimum C grade in MCED 20000 to be eligible for advanced study.
• Middle Childhood Education majors must complete at least 50% of content area coursework from each concentration (with a C or better) to be eligible for advanced study. Students should meet with their advisor.
• Adolescence/Young Adult Programs: majors must earn a minimum grade of C in ADED 20000 to be eligible for Advanced Study.

Grade Point Average

All students must show evidence of a minimum 2.750 cumulative GPA, with additional conditions for the following majors:

• Adolescence/Young Adult Programs: A minimum 2.600 GPA in the chosen adolescence/young adult content area is required for admission to advanced study, student teaching and graduation. A minimum C grade is required in each course within the content area. The following majors are affected: Earth Science, Integrated Language Arts, Integrated Mathematics, Integrated Science, Integrated Social Studies, Life Science, Life Science/Chemistry and Physical Science.
• For minimum GPA criteria for Art Education and Music Education, please see Requirements for Admission to Advanced Study for Art Education and Music Education in the College Policies section for the College of the Arts in the University Catalog.
• Education Minor: Students in a program eligible to declare the Education minor must achieve a minimum 2.500 GPA overall and content to declare the Education minor, be admitted to advanced
Study, participate in student teaching and be recommended for licensure.

All GPA requirements must be met at the time of application.

Disposition Assessment/Professional Disposition Plans (PDPs)
Students are required to have completed all professional dispositions plan (PDPs) at the time of application to be eligible for advanced study.

Advising Appointment
All College of Education, Health and Human Services students must have regular advising appointments with their professional advisor in the Vacca Office of Student Services (or Regional Campus advising office if completing the program at that campus) as required by University Advising. Advising appointments at the Kent Campus are made through the Vacca Office of Student Services’ website at www.kent.edu/ehhs/ voss.

Teacher Candidate Acknowledgments and Legal Questions for Licensure
Candidates are required to electronically sign five statements acknowledging that they have read and understand the following areas: background check requirements, professional dispositions, licensure application information, legal questions asked on the licensure application, and teacher education handbook information. Statements can be found on the student portal.

Graduate Certificate Policy for the College of Education, Health and Human Services

- Students seeking a graduate certificate must maintain a minimum 3.000 grade point average. A graduate certificate student who receives a combination of more than 8 credit hours of B- or lower grades, or more than 4 credit hours of grades lower than C is subject to dismissal. Students who are unable to maintain academic standards of the College are subject to dismissal for academic reasons. Grades of C- or below are not counted toward completion of the certificate.
- Certificates must be completed within six years after the first graduate enrollment.
- No more than 2 credit hours of workshop may be used toward a certificate.
- Before being eligible to be awarded a Certificate, students must be admitted to the Certificate program.
- Students currently in a graduate degree program may also apply to a certificate program. Their degree seeking coursework may be applied to the certificate coursework with advisor approval. The courses must be completed within six years and satisfy certificate course requirements.
- Students who have a previous graduate degree and are not currently seeking another graduate degree may transfer a maximum 6 credit hours with advisor approval. These credits may include hours from another KSU program, or from another accredited institution, if the following conditions are met: (1) courses were at the graduate level; (2) a grade of “A” or “B” was earned; (3) credit will be less than six years old at the time the certificate is conferred at Kent; and (4) student was admitted as a graduate student at the time the course was taken.
- Some program areas may be more restrictive. Students are advised to consult their program.

College of Education, Health and Human Services Faculty
School of Foundations, Leadership and Administration Faculty
- Boske, Christa A. (2008), Professor, Ed.D., Northern Illinois University, 2006
- Chuang, Ning Kuang (2005), Associate Professor, Ph.D., Texas Tech University, 2005
- Clark, Debra L. (1995), Professor, Ph.D., Kent State University, 2003
- Damrow, Amy (2014), Associate Professor, Ph.D., Michigan State University, 2011
- Dees, David M. (1991), Associate Professor, Ph.D., Kent State University, 2000
- Devine, Mary Ann (1997), Professor, Ed.D., University of Georgia, 1997
- Eckert, Erica L. (2003), Assistant Professor, Ph.D., Kent State University, 2012
- Eith, Andrew S. (2014), Associate Lecturer, New England Culinary Institute, 2013
- Hall, Kayon (2022), Assistant Professor, Ph.D., Michigan State University, 2021
- Hudocs, Tara D. (2017), Associate Professor, Ph.D., North Carolina State, 2015
- Kosmidis, Aryn C. (2010), Associate Professor, Ph.D., The Ohio State University, 2010
- Lee, Kiwon (2017), Associate Professor, Ph.D., Penn State University, 2013
- Lepp, Andrew P. (2004), Professor, Ph.D., University of Florida, 2004
- Levinson, Natasha (1997), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2001
- Li, Ji-Ann (2012), Professor, Ph.D., The Ohio State University, 2012
- Lyberger, Mark R. (1996), Professor, Ph.D., The Ohio State University, 1996
- Merrill, Martha C. (2008), Professor, Ph.D., University of Michigan-Arbor, 1982
- Mulrooney, Aaron L. (1992), Associate Professor, J.D., University of Akron, 1990
- Niesz-Kutsch, Tricia (2004), Professor, Ph.D., University of Pennsylvania, 2003
- Parr, Mary G. (1992), Professor, Ph.D., University of Illinois-Urbana, Champaign, 1992
- Porter, Christa J. (2017), Associate Professor, Ph.D., University of Georgia, 2013
- Pringle, Eboni J. (1998), Assistant Professor, Ph.D., Kent State University, 2014
- Ray-Tomasek, Jennifer L. (1998), Assistant Professor, Ph.D., Kent State University, 2004
- Sambolin Morales, Astrid N. (2022), Assistant Professor
- Schenker, Jason D. (2000), Professor, Ph.D., Kent State University, 2007
- Walton-Fisette, Theresa A. (2003), Professor, Ph.D., University of Iowa, 2002
- Wang, Philip C. (1990), Associate Professor, Ph.D., Pennsylvania State University, 1991
School of Health Sciences Faculty

- Magee, Meghan K. (2023), Assistant Professor, Ph.D., George Mason University, 1990
- Krumm, Mark P. (2005), Associate Professor, Ph.D., Wichita State University, 2001
- Kolonich, Erin M. (2017), Associate Lecturer, George Washington University, 2001
- Jonas, Jay C. (2006), Professor, Ph.D., Kent State University, 2005
- Kingsley, J. Derek (2013), Associate Professor, Ph.D., Florida State University, 2009
- Kolonich, Erin M. (2017), Associate Lecturer, George Washington University, 2001
- Krumm, Mark P. (2005), Associate Professor, Ph.D., Wichita State University, 1990
- Magee, Meghan K. (2023), Assistant Professor, Ph.D., George Mason University, 2023
- Matthes, Jamie C. (2014), Associate Lecturer, M.S., Kent State University, 2004
- McDaniel, John (2011), Professor, Ph.D., University of Utah, 2009
- Miracle, Amy L. (2012), Associate Professor, Ph.D., University of Nevada-Las Vegas, 2013
- Mussoi, Bruna S. (2017), Associate Professor, Ph.D., University Of Iowa, 2016
- O'Flannigan, Cara M. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2007
- Peer, Kimberly S. (1999), Professor, Ed.D., University of Akron, 2001
- Ridgel, Angela L. (2008), Professor, Sc.D., Marshall University, 2000
- Roche, Jennifer M. (2014), Associate Professor, Ph.D., University of Memphis, 2011
- Visker, Jennifer N. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2001
- Wagner, Laurie M. (1997), Associate Professor, Ph.D., Kent State University, 2008

School of Lifespan Development and Educational Sciences Faculty

- Anderson, Alyssa (2023), Assistant Professor, Ph.D., University of North Carolina at Raleigh, 2023
- Arnold, Hayley S. (2010), Associate Professor, Ph.D., Vanderbilt University, 2007
- Audet, Lisa R. (1995), Assistant Professor, Ph.D., Kent State University, 2000
- Axiotis, Irene R. (1985), Professor, Ph.D., Kent State University, 1996
- Backus, Angela S. (2003), Professor, Ph.D., Kent State University, 2010
- Baker, Emily A. (2012), Associate Lecturer, M.S., Case Western Reserve, 2001
- Barikoo, Ali (2017), Associate Professor, Ph.D., University of Florida, 2017
- Barkley, Jacob B. (2006), Professor, Ph.D., University at Buffalo, SUNY, 2007
- Berk, Lynn V. (2008), Senior Lecturer, M.A., Cleveland State University, 1981
- Bernert, Donna J. (2007), Associate Professor, Ph.D., Southern Illinois University, 2005
- Blakely, Carmen M. (2007), Associate Professor, Ed.D., AT Still University, 2020
- Caine-Bish, Natalie L. (1997), Associate Professor, Ph.D., Kent State University, 2002
- Ding, Kele (2005), Professor, Ph.D., Indiana University-Bloomington, 2000
- Durant, Kathleen M. (2019), Assistant Professor, Ph.D., University Of Memphis, 2017
- Falcone, Tanya R. (2007), Senior Lecturer, M.S., Kent State University, 2009
- Forbes, Myrna A. (1998), Senior Lecturer, Au.D., University of Florida, 2005
- Grogan-Johnson, Susan L. (1988), Professor, Ph.D., Kent State University, 1993
- Ha, Eun-Jeong (2004), Professor, Ph.D., The Ohio State University, 1999
- Hale, Catherine C. (2000), Senior Lecturer, M.S., Indiana University, Bloomington, 1995
- Harnar, Hannah M. (2011), Associate Professor, M.S., Kent State University, 2013
- Huston, Jeffery L. (2007), Professor, Ed.D., Capella University, 2017
- Huick, Julia J. (2013), Associate Professor, Ph.D., Northwestern University, 2010
- Jajtner, Adam (2016), Associate Professor, Ph.D., University of Central Florida, 2016
- Jonas, Jay C. (2006), Professor, Ph.D., Kent State University, 2018
- Kingsley, J. Derek (2013), Associate Professor, Ph.D., Florida State University, 2009
- Kolonich, Erin M. (2017), Associate Lecturer, George Washington University, 2001
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- Magee, Meghan K. (2023), Assistant Professor, Ph.D., George Mason University, 2023
- McDaniel, John (2011), Professor, Ph.D., University of Utah, 2009
- Miracle, Amy L. (2012), Associate Professor, Ph.D., University of Nevada-Las Vegas, 2013
- Mussoi, Bruna S. (2017), Associate Professor, Ph.D., University Of Iowa, 2016
- O'Flannigan, Cara M. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2007
- Peer, Kimberly S. (1999), Professor, Ed.D., University of Akron, 2001
- Ridgel, Angela L. (2008), Professor, Sc.D., Marshall University, 2000
- Roche, Jennifer M. (2014), Associate Professor, Ph.D., University of Memphis, 2011
- Visker, Jennifer N. (2016), Associate Lecturer, M.A., Case Western Reserve University, 2001
- Wagner, Laurie M. (1997), Associate Professor, Ph.D., Kent State University, 2008
• Jones, Samantha K. (2020), Assistant Professor, M.A., Kent State University, 2015
• Kenyon, Cynthia (2009), Associate Professor, Ph.D., Kent State University, 2018
• Krise, Olivia B. (2003), Lecturer, M.Ed., Kent State University, 2012
• Kritzer, Karen (2007), Associate Professor, Ph.D., University of Pittsburgh, 2007
• Liou, Chih-Ling (2014), Associate Professor, Ph.D., Virginia Polytechnic Institute and State University, 2011
• Lockwood, Adam B. (2021), Associate Professor, Ph.D., Northern Arizona University, 2015
• Manring, Danielle E. (2013), Lecturer, M.Ed., Kent State University, 2019
• McCartney, Jamie L. (2007), Associate Professor, Ph.D., University of Akron, 2004
• Miller, Jennifer L. (2016), Associate Lecturer, M.Ed., Kent State University, 2019
• Moore, Alma J. (2012), Assistant Professor, Ph.D., Kent State University, 2019
• Morris, Bradley J. (2012), Professor, Ph.D., The Ohio State University, 1998
• Osborn, Cynthia J. (1997), Professor, Ph.D., Ohio University, 1996
• Salpietro, Lena (2023), Assistant Professor, Ph.D., University of Toledo, 2020
• Sansosti, Frank J. (2006), Professor, Ph.D., University of South Florida, 2005
• Smith, Gregory C. (2001), Professor, Ph.D., University of Rochester, 2005
• Stevenson, Nathan (2015), Associate Professor, Ph.D., Michigan State University, 2015
• Storlie, Cassandra A. (2013), Associate Professor, Ph.D., University of Iowa, 2013
• Tankersley, Melody J. (1993), Professor, Ph.D., University of Virginia, 1992
• Tobias, Scott A. (2009), Associate Professor, D.Sc., University of Missouri, 2009
• Toepfer, Steven M. (2004), Associate Professor, Ph.D., The Ohio State University, 2001
• Unger, Darlene D. (2016), Professor, Ph.D., Virginia Commonwealth University, 2001
• Walker, Kathleen K. (2002), Associate Professor, Ph.D., Kansas State University, 2002
• Waugh, Jennifer A. (2012), Assistant Professor, Ph.D., Kent State University, 2019
• Wiley, Andrew L. (2008), Associate Professor, Ed.D., University of Virginia, 2008
• Zhang, Jing (2018), Associate Professor, Virginia Tech, 2012

School of Teaching, Learning and Curriculum Studies Faculty
• Bintz, William P. (2004), Professor
• Borgerding, Lisa (2007), Professor, Ph.D., Indiana University, Bloomington, 2007
• Caniglia, Joanne C. (2008), Professor, Ph.D., Kent State University, 1994
• Courtney, Scott A. (2010), Associate Professor, Ph.D., Arizona State University, 2010
• Crowe, Alicia R. (2001), Professor, Ph.D., Vanderbilt University, 2001
• Durham, Brian S. (2022), Assistant Professor, Ph.D., Michigan State University, 2021
• Eckert, Kevin (2015), Associate Lecturer, M.Ed., Kent State University, 2017
• Ellison, Douglas (2017), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2016
• Ferdig, Richard E. (2009), Professor, Ph.D., Michigan State University, 2000
• Gandolfi, Enrico (2015), Associate Professor, Ph.D., Sapienza University of Rome, 2014
• Gruhler, Danielle M. (1999), Professor, Ph.D., Kent State University, 2004
• Guivernau, Marta (2007), Assistant Professor, Ph.D., Purdue University, 1999
• Hannon, James C. (2017), Professor
• Hawley, Todd (2008), Professor, Ph.D., University of Georgia, 2008
• Heron, Michele L. (2004), Associate Professor, Ph.D., Kent State University, 2010
• Hollstein, Matthew S. (2015), Associate Professor, Ph.D., Ohio University, 2015
• Hutchins, Pamela K. (1993), Associate Lecturer, M.Ed., Kent State University, 1992
• Irving, Sonya E. (2013), Associate Professor, Ph.D., University of Illinois, Urbana-Champaign, 2014
• Kamberelis, George (2023), Professor
• Kenyon, Elizabeth (2015), Associate Professor, Ph.D., Michigan State University, 2015
• Kim, Insook (2012), Associate Professor, Ph.D., The Ohio State University, 2011
• Kirin, Melanie D. (2019), Lecturer, M.Ed., Kent State University, 2015
• Knapp, Kathyrn A. (2007), Associate Professor, Ph.D., Kent State University, 2013
• Kosko, Karl W. (2012), Professor, Ph.D., Virginia Polytechnic Institute and State University, 2010
• Kroeger, Janice (2002), Professor, Ph.D., University of Wisconsin, Madison, 2003
• Kuo, Chia Ling (2005), Professor, Ph.D., Ohio University, 2005
• Lampe, Jennifer K. (2014), Lecturer, Bowling Green State University, 2010
• Miller Marsh, Monica A. (2012), Associate Professor, Ph.D., University of Wisconsin-Madison, 1997
• Mitchell, Stephen A. (1992), Professor, Ph.D., Syracuse University, 1992
• Monobe, Gumiko (2010), Associate Professor
• Mulvey, Bridget K. (2012), Associate Professor, Ph.D., University of Virginia-Main Campus, 2012
• Mupinga, Davison M. (2008), Professor, Ph.D., Louisiana State University-Baton Rouge, 1999
• Navy, Shannon L. (2017), Associate Professor, Ph.D., University of Georgia, 2014
• Novak, Elena (2015), Associate Professor, Ph.D., Florida State University, 2012
College of Education, Health and Human Services

Education, Health and Human Services (EHHS)

EHHS 10095  SPECIAL TOPICS IN EDUCATION, HEALTH AND HUMAN SERVICES  1-4 Credit Hours
(Repeatable for credit) Selected topics intended to encourage interdisciplinary study to cover areas not treated adequately in traditional coursework and to make available promptly the new and significant experience of faculty within the College of Education, Health and Human Services.

Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

EHHS 10729  ACHIEVING ACADEMIC SUCCESS  1 Credit Hour
The purpose of this course is to help students who are on academic probation to develop and apply critical thinking skills, and continue to clarify their purpose, meaning, and direction. The goal of this course is to help students improve their academic standing as quickly as possible.

Prerequisite: Any major in the College of Education, Health and Human Services (EHHS).
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

EHHS 12017  EXPLORING PROFESSIONAL LITERACY PRACTICES  3 Credit Hours
Students will explore and develop the literacy practices necessary for success in college and careers in education, health and human services.

Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 20092  PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES (ELR)  1-12 Credit Hours
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

Prerequisite: Special approval.
Schedule Type: Practical Experience
Contact Hours: 3-36 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EHHS 40092  PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES (ELR)  1-6 Credit Hours
Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

Prerequisite: Special approval.
Schedule Type: Practical Experience
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EHHS 49592  STUDENT TEACHING IN HEALTH AND PHYSICAL EDUCATION (ELR)  10 Credit Hours
Full-time student teaching, which includes a balanced experience in elementary and secondary health and physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.

Prerequisite: School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.
Schedule Type: Practical Experience
Contact Hours: 45 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EHHS 50092  PRACTICAL EXPERIENCE IN EDUCATION, HEALTH AND HUMAN SERVICES (ELR)  1-6 Credit Hours
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal.

Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EHHS 50093  VARIABLE TOPIC WORKSHOP IN EDUCATION, HEALTH AND HUMAN SERVICES  1-3 Credit Hours
(Repeatable for credit) Variable topics; designed to respond to specialized needs of various groups within the context of trends issues and problems in the area education, health and human services.

Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP
EHHS 75001  SYSTEMS THINKING IN PERSONAL AND PROFESSIONAL LEADERSHIP  3 Credit Hours
The development of personal and professional leadership characteristics and traits through a self-examination and in-depth examination of the literature. Students will develop an understanding of the role leadership plays in complex systems through the application of systems thinking concepts. The course will focus on the importance of personal and professional leadership in systems thinking and organizational change.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 75501  THEORY AND PRACTICE OF LEADERSHIP  3 Credit Hours
Theoretical perspectives on leadership as a foundation for effective practice in a range of educational settings. Contemporary, evidence-based research will support the integration and synthesis of leadership theory in practice. Leadership theory, myths, traits, models, strategies and assessment tools for leadership will be infused for a historical and comprehensive approach to leadership as an essential construct in education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 75502  ETHICAL LEADERSHIP IN EDUCATION  3 Credit Hours
Education is constantly undergoing change and ethical leadership in uncertain times is paramount. This course will discuss ethical elements of educational leadership in all settings in a case approach to connect ethical leadership theory to educational practice. It will blend ethical theory, leadership theory and case-analysis in a critical thinking based framework to position educational leaders to grapple with the complexities of contemporary ethical issues. Political, cultural, societal, organizational, and other forces on education will be evaluated through an ethical lens.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 75515  CONTEMPORARY ISSUES IN EDUCATIONAL LEADERSHIP DEVELOPMENT  3 Credit Hours
This course will address contemporary issues in educational leadership development through the critical analysis and application of relevant literature to everyday challenges faced in educational organizations. Due to the dynamic nature of the content, key issues are likely to change, but will focus on, but not be limited to, culture and diversity issues, activism and advocacy, strategic planning, systemic and global impacts, assessment, technology, and leadership behaviors. Contemporary, peer-reviewed literature will guide the student through reflective, analytical considerations for successfully addressing these challenges in educational leadership.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 75516  GROUP DYNAMICS IN EDUCATIONAL LEADERSHIP  3 Credit Hours
This course will connect educational leadership group dynamics theory to practice. Providing a foundation through contemporary literature, educational leadership will be contextualized in the study, formation, facilitation and dynamics of group behavior. Educational leadership group dynamics will be situated in the complex and changing educational cultures of learning organizations.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 75517  DEMOCRACY AND LEADERSHIP: PHILOSOPHIES AND PRACTICES FOR DEMOCRATIC EDUCATION  3 Credit Hours
This course examines leadership philosophies and practices that support and promote various methodological approaches to democratic education.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EHHS 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: EHHS 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EHHS 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: EHHS 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EHHS 81099  CAPSTONE I  1-9 Credit Hours
(Repeatable for credit) The capstone will operate as a “dissertation in practice,” focusing on a problem of practice and using either action research or improvement science as a methodology. Students’ research will be aligned with the needs of their organizations, useful to their organizations and intended to effect positive change in their organizations. The research will culminate in a scholarly, comprehensive paper or project that integrates knowledge attained through coursework and research. Registration of course is required in at least two semesters, first of which will be the semester in which capstone work is begun, and continuing until completion of 18 credit hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Project or Capstone
Contact Hours: 1-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
EHHS 82099  CAPSTONE II  1-9 Credit Hours
(Repeatable for credit) Continuation of EHHS 81099. Continuous registration required for students who have completed 18 credit hours of EHHS 81099 and until all degree requirements are met.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Project or Capstone
Contact Hours: 1-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

School of Foundations, Leadership and Administration

Cultural Foundations (CULT)

CULT 10001  EXPLORING THE VALUE OF DIVERSITY: FINDING YOURSELF AND APPRECIATING DIFFERENCE IN OTHERS  1 Credit Hour
This course will focus on introducing lower-division students to the concept of self-identity development and how place-, cultural- and self-identity influences one's perceptions and assumptions of others who may not share similar experiences. Students will explore and reflect on their personal identity and how their race/ethnicity, beliefs, personality, expressions and cultural practices influence their perceptions of diverse populations; they will also explore the complexity of diversity in the United States and actively consider their place and role in our diverse society, as adults.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CULT 20091  PREPROFESSIONAL SEMINAR IN EDUCATIONAL STUDIES  2-4 Credit Hours
(Repeatable for credit) Introduction to the nature and scope of educational service delivery across settings, and to the social and cultural foundations of educational policies and programs. Open to any university student and to those considering alternative careers in education.
Prerequisite: None.
Schedule Type: Seminar
Contact Hours: 2-4 other
Grade Mode: Standard Letter

CULT 26001  INTRODUCTION TO DISABILITY STUDIES  3 Credit Hours
Interdisciplinary exploration of conceptual theoretical, philosophical and legal aspects related to inclusion of individuals with disabilities in community life.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 29535  EDUCATION IN A DEMOCRATIC SOCIETY  3 Credit Hours
This introductory course explores the purposes, organizations and outcomes of schooling from the perspectives of the field of social foundations of education. Candidates undertake critical inquiry into teaching as a profession. Licensure requirements, teachers' legal responsibilities and the accountability of public schools are also explored.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Education, TAG Education

CULT 39595  SPECIAL TOPICS IN CULTURAL FOUNDATIONS  2-4 Credit Hours
(Repeatable for credit) Directed reading and/or research of special interest or need to small groups of students in cultural foundations. Planned with and directed by a faculty member.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2-4 lecture
Grade Mode: Standard Letter-IP

CULT 39596  INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS  1-3 Credit Hours
(Repeatable for credit) Directed independent reading and/or research of special interest or need in student program. Planned with and directed by a faculty member.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 40093  VARIABLE TITLE WORKSHOP IN CULTURAL FOUNDATIONS  1-4 Credit Hours
(Repeatable for credit) (Slashed with CULT 50093 and CULT 70093) Variable topics; designed to respond to specialized needs of various groups within the context of trends issues and problems in the educational foundations disciplines.
Prerequisite: Special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

CULT 46001  PRINCIPLES AND METHODS OF COMMUNITY INCLUSION  3 Credit Hours
(Slashed with CULT 56001 and CULT 76001) Interdisciplinary approach to the principles and methods of designing an inclusive environment. Focus is on characteristics of disability groups and societal considerations to making adaptations and accommodations. Students complete a service learning component that focuses on inclusion of people with disabilities in community life.
Prerequisite: CULT 26001.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 49570  SOCIAL FOUNDATIONS OF MULTICULTURAL EDUCATION  3 Credit Hours
Explores the history, social context, and issues in multicultural education (formal PK-12) in the U.S. Students gain an appreciation of the challenges of equalizing opportunity of educational achievement, an understanding that is essential for 21st century educational leadership.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 50093  VARIABLE TITLE WORKSHOP IN CULTURAL FOUNDATIONS  1-4 Credit Hours
(Repeatable for credit) (Slashed with CULT 40093 and CULT 70093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory
CULT 56001  PRINCIPLES AND METHODS OF COMMUNITY INCLUSION  3 Credit Hours
(Slashed with CULT 46001 and CULT 76001) Interdisciplinary approach to the principles and methods of designing an inclusive environment. Focus is on characteristics of disability groups and societal consideration to making adaptations and accommodations. Students complete a service learning component that focuses on inclusion of people with disabilities in community life.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 59570  SOCIAL FOUNDATIONS OF MULTICULTURAL EDUCATION  3 Credit Hours
Explores the history, social context, and issues in multicultural education (formal PK-12) in the U.S. Students gain an appreciation of the challenges of equalizing opportunity of educational achievement, an understanding that is essential for 21st century educational leadership.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 60011  SEMINAR IN EDUCATIONAL FOUNDATIONS: PRINCIPLES AND PRACTICES  3 Credit Hours
Through this course, students will learn about the field of social foundations of education and about the program. Students will be introduced to university and college resources that will help them find success in the program. They will also begin using perspectives from the field of social foundations of education to identify and explore problems of practice in their communities and their educational and cultural organizations.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 60030  SOCIAL CONTEXTS OF EDUCATION: CONTEMPORARY ISSUES AND THEORY  3 Credit Hours
(Slashed with CULT 80030) The course will explore contemporary social contexts of education through the lenses of major sociological perspectives, including seminal theoretical works and emerging contemporary scholarship. Students will become familiar with the uses of classic and current sociological theories in order to understand contemporary educational issues.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 60050  HUMANITIES-ORIENTED RESEARCH IN EDUCATION  3 Credit Hours
(Slashed with CULT 80050) Course is designed to give students an understanding of humanities-oriented approaches to research in education. This includes disciplinary approaches to the study of education (philosophy, history, literary theory) as well as humanities oriented theoretical work in the social sciences. Students will develop facility with key concepts as well as approaches to method and research design within these approaches.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 60199  THESIS I  2-6 Credit Hours
Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 60299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met. Graduate standing.
Prerequisite: CULT 60199.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 65530  FOUNDATIONS OF EDUCATION AND HUMAN SERVICES  3 Credit Hours
Inquiry into the assumptions and implications of educational policies and practices in education and human service settings through the application of historical, philosophical and sociological perspectives.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 67015  DISABILITY, SOCIETY AND CULTURE  3 Credit Hours
(Slashed with CULT 77015) Provides students with the learning outcomes related to the cultural, political and social perspectives of disability. It will prepare students to have an in-depth global understanding of the nature, meaning and consequences of disability as it relates to social and environmental justice and barriers they experience. Perspectives will be examined through several theoretical lenses for greater understanding of the breadth of marginalization experienced by persons with disabilities. The course will culminate in identifying steps to address barriers in multiple contexts, decrease stigmas and promote greater societal inclusion.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CULT 69510  CLASSICS IN PHILOSOPHY OF EDUCATION  3 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with CULT 79510)
Philosophical exploration of the relationship between education and society and the dynamics of education through close reading and discussion of a selection of influential philosophical texts.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69521  MULTICULTURAL EDUCATIONAL PRACTICE AND POLICY  3 Credit Hours
Interdisciplinary inquiry into issues of pluralism and its influence on professional practice in education and human service settings. Cross-cultural interaction will be analyzed; reflection on developing culturally responsive professional practice.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69522  ETHICS IN PROFESSIONAL PRACTICE  3 Credit Hours
(Slashed with CULT 89522) An examination of ethics in schooling and other educational settings through foundational study and issue analysis; strong case study and professional application emphasis.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69530  MULTICULTURAL THEORIES AND SCHOLARSHIP IN EDUCATION  3 Credit Hours
(Slashed with CULT 79530) An investigation of multicultural theories in education, the social sciences and humanities as articulated in the works of major scholars. Approaches to research and scholarship and contemporary issues in public discourse is explored.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69540  CONTEMPORARY PHILOSOPHY OF EDUCATION  3 Credit Hours
(Repeatable for credit) (Slashed with CULT 79560) Explores a range of contemporary philosophical perspectives on the moral and political dimensions of education. Students will be introduced to the philosophical frameworks through which these questions are discussed within the field of philosophy of education and they will have opportunity to engage these debates in the course of carefully structured writing assignments.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69564  HISTORY OF AMERICAN EDUCATION  3 Credit Hours
(Cross-listed with CULT 79564) European origins and American innovations in colonial education, rise of common school, completion of education ladder. Emphasis is on present status and recent developments.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69567  HISTORY OF HIGHER EDUCATION  3 Credit Hours
(Slashed with CULT 79567) (Cross-listed with HIED 66600 and HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents but focuses largely on American Higher Education from the seventeenth through the 20th century. Students explore changes in student body, curricula and purposes of higher education in the U.S. in the context of American culture.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69569  INTERNATIONAL EDUCATION: FOUNDATIONAL ISSUES  3 Credit Hours
(Slashed with CULT 79569) An introductory seminar to explore current foundational issues and challenges in education worldwide (nonformal, formal PK-advanced post-secondary education). Students gain an understanding of the socio-political, historical context of education worldwide and implications for local policy formation. An international-comparative approach connects and integrates cross-cultural literature, theoretical and research scholarship, on the impact of world dynamics on education. Students also explore the impact of education on economies and social compacts worldwide, with attention to inequalities or marginalities based on region, social status, ethnicity, race, religion, gender and disability.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69570  MULTICULTURAL EDUCATION: THEORY AND POLICY  3 Credit Hours
(Slashed with CULT 79570) Theoretical foundations of cultural pluralism, structural marginalization processes, knowledge construction, equity pedagogy and praxis in intercultural relations, democratic change processes and policy addressing inequities in institutional practices.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 69571  GLOBALIZATION AND EDUCATION  3 Credit Hours
(Slashed with CULT 79571) A multi-disciplinary exploration of the impact of globalization/localization on the delivery and uses of education and the dynamics of power and resistance in globalized education.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CULT 69575   ANTHROPOLOGY AND EDUCATION  3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 79575) Students explore the contributions that cultural and social anthropologists have made to the study of education broadly conceived, focusing particularly on studies addressing the interrelationships among education, culture and forms of social inequity. Through engaging in critical readings of classic and contemporary educational ethnographies, students explore the myriad ways in which "culture" has been theoretically conceptualized as well as the implications of those conceptualizations for educational inquiry and practice.  
Prerequisite: Graduate standing.  
Schedule Type: Seminar  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

CULT 69582   SOCIAL THEORIES IN EDUCATION  3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89582) This course examines both classic and contemporary social theories in education. Students will become familiar with different social theories, specifically focusing on strengths and limitations of various theoretical approaches. Students will also analyze the role social theories have had upon educational research, and examine different conceptual issues within various social theoretical traditions.  
Prerequisite: Graduate standing.  
Schedule Type: Seminar  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

CULT 69591   SEMINAR IN CULTURAL FOUNDATIONS  1-5 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89591) Variable topic seminar for advanced study of specialized topics and areas; in cultural foundations; emphasis on theory and research findings as related to educational practice.  
Prerequisite: Graduate standing.  
Schedule Type: Seminar  
Contact Hours: 1-5 other  
Grade Mode: Standard Letter

CULT 69592   ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS  2-6 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89592) Supervised program in field setting involving application of theories, principles and methodology in cultural foundations of education; planned with and supervised by graduate faculty member.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 6-18 other  
Grade Mode: Satisfactory/Unsatisfactory/IP

CULT 69595   SPECIAL TOPICS IN CULTURAL FOUNDATIONS  1-3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89595) Specific topic course offering in response to emerging student or program needs in cultural foundations of education.  
Prerequisite: Graduate standing.  
Schedule Type: Seminar  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter

CULT 69596   INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS  1-3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89596) Students pursue an individual project on a specific topic in cultural foundations of education with approval and under direction of instructor.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Satisfactory/Unsatisfactory/IP

CULT 69598   RESEARCH IN CULTURAL FOUNDATIONS  1-6 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89598) Students pursue an individual research project on a specific topic in cultural foundations of education with approval and under direction of instructor.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Research  
Contact Hours: 3-18 other  
Grade Mode: Satisfactory/Unsatisfactory/IP

CULT 69691   VARIABLE CONTENT SEMINAR: GREAT IDEAS IN EDUCATION  3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 89691) This course explores a great idea in education from multiple disciplinary perspectives (philosophical, sociological, historical) and looks at the ways in which the idea in question has shaped or could transform educational practice at multiple levels.  
Prerequisite: Graduate standing.  
Schedule Type: Seminar  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

CULT 69999   CAPSTONE  3 Credit Hours  
In this course, students complete a culminating project for their M.Ed. degree. Each student’s project will address a problem of practice within a cultural or educational organization that they have investigated in partnership with stakeholders.  
Prerequisite: Graduate standing.  
Schedule Type: Project or Capstone  
Contact Hours: 3 lecture  
Grade Mode: Satisfactory/Unsatisfactory

CULT 70093   VARIABLE TOPIC WORKSHOP IN CULTURAL FOUNDATIONS  1-4 Credit Hours  
(Repeatable for credit) (Slashed with CULT 40093 and CULT 50093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university. May be repeated once for total maximum credit of six hours.  
Prerequisite: Doctoral standing; and special approval.  
Schedule Type: Workshop  
Contact Hours: 1-4 other  
Grade Mode: Satisfactory/Unsatisfactory
CULT 76001  PRINCIPLES AND METHODS OF COMMUNITY INCLUSION  
3 Credit Hours  
(Slashed with CULT 46001 and CULT 56001) Interdisciplinary approach to the principles and methods of designing an inclusive environment. Focus is on characteristics of disability groups and societal consideration to making adaptations and accommodations. Students complete a service-learning component that focuses on inclusion of people with disabilities in community life. 
Prerequisite: CULT 77015; and doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 77015  DISABILITY, SOCIETY AND CULTURE  
3 Credit Hours  
(Slashed with CULT 67015) To provide students with the learning outcomes related to the cultural, political, and social perspectives of disability. It will prepare students to have an in-depth global understanding of the nature, meaning and consequences of disability as it relates to social and environmental justice and barriers they experience. Perspectives will be examined through several theoretical lenses for greater understanding of the breadth of marginalization experienced by persons with disabilities. The course will culminate in identifying steps to address barriers in multiple contexts, decrease stigmas and promote greater societal inclusion.  
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79510  CLASSICS IN PHILOSOPHY OF EDUCATION  
3 Credit Hours  
(Repeatable for a maximum of 6 credit hours) (Slashed with CULT 69510) Philosophical exploration of the relationship between education and society and the dynamics of education through close reading and discussion of a selection of influential philosophical texts.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79530  MULTICULTURAL THEORIES AND SCHOLARSHIP IN EDUCATION  
3 Credit Hours  
(Slashed with CULT 69530) An investigation of multicultural theories in education, the social sciences and humanities as articulated in the works of major scholars. Approaches to research and scholarship and contemporary issues in public discourse is explored.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79560  CONTEMPORARY PHILOSOPHY OF EDUCATION  
3 Credit Hours  
(Repeatable for credit) (Slashed with CULT 69560) Explores a range of contemporary philosophical perspectives on the moral and political dimensions of education. Students will be introduced to the philosophical frameworks through which these questions are discussed within the field of philosophy of education and they will have opportunity to engage these debates in the course of carefully structured writing assignments.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79564  HISTORY OF AMERICAN EDUCATION  
3 Credit Hours  
(Slashed with CULT 69564) European origins and American innovations in colonial education, rise of common school, completion of education ladder. Emphasis is on present status and recent developments.  
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79567  HISTORY OF HIGHER EDUCATION  
3 Credit Hours  
(Slashed with CULT 69567) (Cross-listed with HIED 66600 and HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents but focuses largely on American Higher Education from the seventeenth through the 20th century. Students explore changes in student body, curricula and purposes of higher education in the U.S. in the context of American culture.  
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79569  INTERNATIONAL EDUCATION: FOUNDATIONAL ISSUES  
3 Credit Hours  
(Slashed with CULT 69569) An introductory seminar to explore current foundational issues and challenges in education worldwide (nonformal, formal PK-advanced post-secondary education). Students gain an understanding of the socio-political, historical context of education worldwide and implications for local policy formation. An international-comparative approach connects and integrates cross-cultural literature, theoretical and research scholarship, on the impact of world dynamics on education. Students also explore the impact of education on economies and social compacts worldwide, with attention to inequalities or marginalities based on region, social status, ethnicity, race, religion, gender and disability. Gaining a broad understanding of the place of education in a rapidly changing world is essential for 21st century educational leadership and the formation of constructive policies for the future of both developed and developing countries.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79570  MULTICULTURAL EDUCATION: THEORY AND POLICY  
3 Credit Hours  
(Slashed with CULT 69570) Theoretical foundations of cultural pluralism, structural marginalization processes, knowledge construction, equity pedagogy and praxis in intercultural relations, democratic change processes and policy addressing inequities in institutional practices.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

CULT 79571  GLOBALIZATION AND EDUCATION  
3 Credit Hours  
(Slashed with CULT 69571) A multi-disciplinary exploration of the impact of globalization/localization on the delivery and uses of education and the dynamics of power and resistance in globalized education.  
Prerequisite: Doctoral standing. 
Schedule Type: Seminar 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter  

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CULT 79575 ANTHROPOLOGY AND EDUCATION  3 Credit Hours
(Slashed with CULT 69575) Students explore the contributions that cultural and social anthropologists have made to the study of education broadly conceived, focusing particularly on studies addressing the interrelationships among education, culture and forms of social inequity. Through engaging in critical readings of classic and contemporary educational ethnographies, students explore the myriad ways in which "culture" had been theoretically conceptualized, as well as the implications of those conceptualizations for educational inquiry and practice.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 80030 SOCIAL CONTEXTS OF EDUCATION: CONTEMPORARY ISSUES AND THEORY  3 Credit Hours
(Slashed with CULT 69530) The course will explore contemporary social contexts of education through the lenses of major sociological perspectives, including seminal theoretical works and emerging contemporary scholarship. Students will become familiar with the uses of classic and current sociological theories in order to understand contemporary educational issues.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 80040 APPROACHES TO COMMUNITY ENGAGED INQUIRY  3 Credit Hours
(Slashed with CULT 69540) This course will focus on methods, tools and practices to engage in collaborative research/inquiry with communities, including non-profits, schools, families and/or practice settings (i.e., research with communities rather than about communities). Discussions and assignments will prompt students to identify research questions and appropriate methods to answer the questions. Students will also address issues of ethics, relationship-building and trust.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 80050 HUMANITIES-ORIENTED RESEARCH IN EDUCATION  3 Credit Hours
(Slashed with CULT 69550) Course is designed to give students an understanding of humanities-oriented approaches to research in education. This includes disciplinary approaches to the study of education (philosophy, history, literary theory) as well as humanities oriented theoretical work in the social sciences. Students will develop facility with key concepts as well as approaches to method and research design within these approaches.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 80090 DOCTORAL RESIDENCY SEMINAR  3 Credit Hours
Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CULT 80091 SEMINAR: GREAT ISSUES IN EDUCATION  1-3 Credit Hours
(Repeatable for credit) Interdisciplinary review of current great issues in education that are catalogs for presentation after discussion with membership of the course.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

CULT 80199 DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 80299 DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: CULT 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 85535 INTERPROFESSIONAL STUDIES  3 Credit Hours
Comprehensive analysis of issues affecting professional practice in education and human service resource settings. Examination of questions related to interprofessional collaboration on policy, research and practice.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 89521 MULTICULTURAL EDUCATIONAL PRACTICE AND POLICY  3 Credit Hours
Interdisciplinary inquiry into issues of pluralism and its influence on professional practice in education and human service settings. Cross-cultural interaction will be analyzed; reflection on developing culturally responsive professional practice.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 89522 ETHICS IN PROFESSIONAL PRACTICE  3 Credit Hours
(Slashed with CULT 69522) An examination of ethics in schooling and other educational settings through foundational study and issue analysis; strong case study and professional application emphasis.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Contact Hours</th>
<th>Schedule Type</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULT 89571</td>
<td>COMPARATIVE AND INTERNATIONAL EDUCATION</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>1-3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>Enrolls students with cultural and social foundations of education as a field of study that they may locate their inquiry within the relevant knowledge base and academic disciplines that comprise the cultural foundations of education.</td>
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<tr>
<td>CULT 89581</td>
<td>PROSEMINAR IN CULTURAL FOUNDATIONS</td>
<td>3</td>
<td>Standard Letter</td>
<td>3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>Doctoral seminar to familiarize Ph.D. students with cultural and social foundations of education as a field of study that they may locate their inquiry within the relevant knowledge base and academic disciplines that comprise the cultural foundations of education.</td>
</tr>
<tr>
<td>CULT 89582</td>
<td>SOCIAL THEORIES IN EDUCATION</td>
<td>3</td>
<td>Standard Letter</td>
<td>3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>This course examines both classic and contemporary social theories in education. Students will become familiar with different social theories, specifically focusing on strengths and limitations of various theoretical approaches. Students will also analyze the role social theories have had upon educational research, and examine different conceptual issues within various social theoretical traditions.</td>
</tr>
<tr>
<td>CULT 89591</td>
<td>SEMINAR IN CULTURAL FOUNDATIONS</td>
<td>1-5</td>
<td>Standard Letter</td>
<td>3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>Variable topic seminar for advanced study of specialized topics and areas in cultural foundations; emphasis on theory and research findings as related to educational practice.</td>
</tr>
<tr>
<td>CULT 89592</td>
<td>ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL</td>
<td>2-6</td>
<td>Standard Letter</td>
<td>3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing; and special approval.</td>
<td>Supervised program in field setting involving application of theories, principles and methodology in cultural foundations of education; planned with and supervised by graduate faculty member.</td>
</tr>
<tr>
<td>CULT 89595</td>
<td>SPECIAL TOPICS IN CULTURAL FOUNDATIONS</td>
<td>1-3</td>
<td>Standard Letter</td>
<td>1-3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>Specific topic course offering in response to emerging student or program needs in cultural foundations of education.</td>
</tr>
<tr>
<td>CULT 89596</td>
<td>INDIVIDUAL INVESTIGATION IN CULTURAL FOUNDATIONS</td>
<td>1-3</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>1-3 other</td>
<td>Individual Investigation</td>
<td>Doctoral standing; and special approval.</td>
<td>Students pursue an individual project on a specific topic in cultural foundations of education with approval and under direction of instructor.</td>
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<tr>
<td>CULT 89598</td>
<td>RESEARCH IN CULTURAL FOUNDATIONS</td>
<td>1-6</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>1-3 other</td>
<td>Research</td>
<td>Doctoral standing; and special approval.</td>
<td>Students pursue an individual research project on a specific topic in cultural foundations of education with approval and under direction of instructor.</td>
</tr>
<tr>
<td>CULT 89691</td>
<td>VARIABLE CONTENT SEMINAR: GREAT IDEAS IN EDUCATION</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>3 lecture</td>
<td>Seminar</td>
<td>Doctoral standing</td>
<td>This course explores a great idea in education from multiple disciplinary perspectives (philosophical, sociological, historical) and looks at the ways in which the idea in question has shaped or could transform educational practice at multiple levels.</td>
</tr>
<tr>
<td>EDLE 40093</td>
<td>VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION</td>
<td>1-5</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>1-5 other</td>
<td>Workshop</td>
<td>None.</td>
<td>Replaces EDLE 50093 and EDLE 70093.</td>
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<tr>
<td>EDLE 50093</td>
<td>VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION</td>
<td>1-5</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>1-5 other</td>
<td>Workshop</td>
<td>None.</td>
<td>Enrolls students with cultural and social foundations of education as a field of study that they may locate their inquiry within the relevant knowledge base and academic disciplines that comprise the cultural foundations of education.</td>
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<tr>
<td>EDLE 60199</td>
<td>THESIS I</td>
<td>2-6</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>2-6 other</td>
<td>Masters Thesis</td>
<td>Graduate standing</td>
<td>Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.</td>
</tr>
</tbody>
</table>

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EDLE 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: EDLE 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP
EDLE 66492 INTERNSHIP IN EDUCATIONAL ADMINISTRATION 3-6 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EDLE 76492) A field-based internship utilizing an inquiry-based learning model, requiring projects as designated by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. 
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP
EDLE 66515 FACILITIES PLANNING AND ADMINISTRATION 3 Credit Hours
(Slashed with EDLE 76515) Overview of facilities planning and administration, including architectural/ construction management, the educational program, restoration and maintenance.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66517 ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION 3 Credit Hours
(Slashed with EDLE 76517) Administration of educational programs for exceptional children: improvement of teacher competencies; function of special education supervisors; and special education operations at a local, state and national level.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66518 SCHOOL AND SPECIAL EDUCATION LAW 3 Credit Hours
(Slashed with EDLE 76518) Constitutional, statutory, and case law involving schools, special and regular education students, administrators, parents and others are studied.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66520 SCHOOL LAW FOR TEACHERS AND PRINCIPALS 3 Credit Hours
(Slashed with EDLE 76520) Selected principles of constitutional, statutory case and common law affecting the administration of schools generally and Ohio schools specifically.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66522 PUBLIC SCHOOL FINANCE AND ECONOMICS 3 Credit Hours
(Slashed with EDLE 76522) Analysis of national, state and local problems of collection custody and expenditure of public school funds.
Prerequisite: EDLE 66526; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66525 THE EDUCATIONAL PRINCIPALSHIP 3 Credit Hours
(Slashed with EDLE 76525) Organizing and administering elementary, middle level and secondary schools.
Prerequisite: EDLE 66526 or EDLE 76526; 16 hrs of EDLE; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66526 FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION 3 Credit Hours
(Slashed with EDLE 76526) Examines theory and practice essential for administration. Skills and understanding are developed in theory goal setting staff development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66527 SCHOOL FINANCE FOR BUILDING ADMINISTRATORS 3 Credit Hours
(Slashed with EDLE 76527) Identification of the responsibilities of the school building administrator related to all financial operations in the school building; included are the budget process and development, student accounts, the purchase order process and fund raising and school groups.
Prerequisite: Major in Educational Leadership K-12, Higher Education Administration and Student Affairs or Higher Education Administration; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 66529 LEADING FOR SOCIAL JUSTICE 3 Credit Hours
(Slashed with EDLE 76529) Centers on investigating a broad research agenda on leading for social justice within educational leadership. Provides a context for candidates to establish strong connections between what it means to lead and the primary concerns for learning and equity, which are associated with increased performance and effectiveness for American education. Candidates engage in concepts such as equity audits, border culture, hegemony, moral transformation and other concepts aligned with leading 21st century schools. Such concepts encourage school leaders to reconsider the influence of wider social, political, cultural and economic contexts in creating transformative and revolutionary schools.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 1 other
Grade Mode: Standard Letter
EDLE 66531 INSTRUCTIONAL LEADERSHIP  3 Credit Hours
(Slashed with EDLE 76531) Focuses on the administrative role pertaining to the leadership, management, and evaluation of quality and effective school classroom instruction. Building administrators are responsible for providing the resource for effective instruction, which result in student learning. The key to effective instruction at any level requires a solid grounding in curriculum theory and design. Designed to provide the tools that administrators need to oversee the development, production, monitoring and evaluation of instructional methods and strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 1 other
Grade Mode: Standard Letter

EDLE 66533 CENTRAL OFFICE ADMINISTRATION: CURRICULUM AND PUPIL SERVICES  3 Credit Hours
(Slashed with EDLE 76533) Analyzes roles and responsibilities of central office personnel with an emphasis on curriculum, pupil, and support services as impacted by current educational policy, and practice and focused on impacting the achievement of all students.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter

EDLE 66534 THE SUPERINTENDENCY  3 Credit Hours
(Slashed with EDLE 76534) Focuses on major responsibilities of board of education and superintendent.
Prerequisite: EDLE 66526 or EDLE 76526; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66536 THE ADMINISTRATOR'S ROLE IN CURRICULUM DEVELOPMENT  3 Credit Hours
(Slashed with EDLE 76536) Focusing on the administrative role pertaining to the development, management and evaluation of a quality and effective district school curriculum.
Prerequisite: Major in Educational Leadership K-12, Higher Education Administration and Student Affairs or Higher Education Administration; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66538 ADMINISTRATION OF SCHOOL CULTURE, POLITICS AND REFORMS  3 Credit Hours
(Slashed with EDLE 76538) Focuses on administrative roles in assessing, leading, developing and reforming school culture. Centers on building and district administrators, who are responsible for providing the cultural frameworks and context of school culture through politics and reform efforts. The key to effective school reform requires a solid understanding of micropolitics as well as policy and practice at a state and national level. Designed to provide educational leaders with tools to assess school and district-wide cultural practices and norms as well as the skill sets to disrupt and change them.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter

EDLE 66540 WOMEN IN LEADERSHIP  3 Credit Hours
(Slashed with EDLE 76540) An interactive study of women's development and its effect on their dispositions toward leadership. Provides theoretical contract to traditional management theory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66542 PRINCIPLES AND TECHNIQUES OF SUPERVISION AND SPECIAL EDUCATION  3 Credit Hours
(Slashed with EDLE 76542) Principles and techniques needed by administrative specialists and supervisors (curriculum, pupil services, special education) are given. Research findings include changing human relations, change leadership, legal implications, group process, communication, coordination, management, observations, and conferencing skills.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66543 SCHOOL ADMINISTRATION IN URBAN SETTINGS  3 Credit Hours
(Slashed with EDLE 76543) This course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading inner-city schools. Issues of focus include transportation, staffing, extracurricular support for students and more.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66544 COMMUNITY RELATIONS AND COMMUNICATION SKILLS  3 Credit Hours
(Slashed with EDLE 76544) Centers on encouraging school leaders to consider the way in which children's learning is influenced by behaviors and perspectives of family members, school personnel and members of the larger community. Educators and school leaders have much to gain by deepening their understanding of how students learn from their family and cultural backgrounds, which fosters more inclusive school practices. Candidates investigate the influence of such collaborations and their role in upholding the ethical responsibility to promote children's welfare.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter

EDLE 66591 SEMINAR IN EDUCATIONAL ADMINISTRATION  1-4 Credit Hours
(Repeatable for credit) Seminar in educational administration.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

EDLE 66595 SPECIAL TOPICS IN EDUCATIONAL ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) (Slashed with EDLE 76595) Specialized offerings in response to emerging or selected program needs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter
EDLE 66596  INDIVIDUAL INVESTIGATION IN EDUCATIONAL ADMINISTRATION  2-4 Credit Hours
(Repeatable for credit) (Slashed with EDLE 76596) Projects as assigned.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 66598  RESEARCH IN EDUCATIONAL ADMINISTRATION  2-8 Credit Hours
(Repeatable for credit) Projects as assigned.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 2-8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 66602  TECHNOLOGY LEADERSHIP IN EDUCATION  3 Credit Hours
(Slashed with EDLE 76602) Prepares educational administrators to be leaders in the advancement of the appropriate integration of technology. Current and prospective administrators increase their understanding of how technology can be used as a tools for teaching, learning, assessment, management, planning and communications. The development and implementations of vision for educational technology is addressed, as well as social and ethical issues.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.25 lecture, 75 other
Grade Mode: Standard Letter

EDLE 66747  PERSONNEL  3 Credit Hours
(Slashed with EDLE 76747) Administration of education staff at building and central office levels; scope and depth of supervisory responsibilities and development of evaluation techniques.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66750  COACHING AND MENTORING FOR TEACHER LEADERS  3 Credit Hours
Focuses on developing the knowledge, skills, and dispositions necessary for teacher leaders to provide high levels of effective coaching and mentoring for improving teaching practices and learning for all students. Specific approaches related to mentoring, coaching and per assistance will be examined and practiced.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 66751  INSTRUCTIONAL LEADERSHIP FOR TEACHER LEADERS  3 Credit Hours
This course provides the tools that teacher leaders need to engage in the development, production, monitoring and evaluation of instructional methods and strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 70093  VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with EDLE 40093 and EDLE 50093) Variable title workshop in EDAD.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

EDLE 76492  INTERNSHIP IN EDUCATIONAL ADMINISTRATION  3-6 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EDLE 76492) A field-based internship utilizing an inquiry-based learning model, requiring projects as designated by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: Doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 76515  FACILITIES PLANNING AND ADMINISTRATION  3 Credit Hours
(Slashed with EDLE 66515) Overview of facilities planning and administration, including architectural/ construction management, the educational program, restoration and maintenance.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76517  ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION  3 Credit Hours
(Slashed with EDLE 66517) Administration of educational programs for exceptional children: improvement of teacher competencies; function of special education supervisors; and special education operations at a local, state, and national level.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76518  SCHOOL AND SPECIAL EDUCATION LAW  3 Credit Hours
(Slashed with EDLE 66518) Constitutional, statutory, and case law involving schools, special and regular education students, administrators, parents and others are studied.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76520  SCHOOL LAW FOR TEACHERS AND PRINCIPALS  3 Credit Hours
(Slashed with EDLE 66520) Selected principles of constitutional, statutory, case and common law affecting the administration of schools generally and Ohio schools specifically.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EDLE 76522 PUBLIC SCHOOL FINANCE AND ECONOMICS 3 Credit Hours
(Slashed with EDLE 66522) Analysis of national, state and local problems of collection custody and expenditure of public school funds.
Prerequisite: EDLE 76526; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76525 THE EDUCATIONAL PRINCIPALSHIP 3 Credit Hours
(Slashed with EDLE 66525) Organizing and administering elementary, middle level and secondary schools.
Prerequisite: EDLE 66526 or EDLE 76526; 16 credit hours of EDLE; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76526 FUNDAMENTALS OF EDUCATIONAL ADMINISTRATION 3 Credit Hours
(Slashed with EDLE 66526) Examines theory and practice essential for administration. Skills and understanding are developed in theory goal setting staff development.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76527 SCHOOL FINANCE FOR BUILDING ADMINISTRATORS 3 Credit Hours
(Slashed with EDLE 66527) Identification of the responsibilities of the school building administrator related to all financial operations in the school building, included are the budget process and development, student accounts, the purchase order process, and fund raising and school groups.
Prerequisite: Major in Educational Leadership K-12 or Higher Education Administration; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76529 LEADING FOR SOCIAL JUSTICE 3 Credit Hours
(Slashed with EDLE 66529) Centers on investigating a broad research agenda on leading for social justice within educational leadership. Provides a context for candidates to establish strong connections between what it means to lead and the primary concerns for learning and equity, which are associated with increased performance and effectiveness for American education. Candidates engage in concepts such as equity audits, border culture, hegemony, moral transformation and other concepts aligned with leading 21st century schools. Such concepts encourage school leaders to reconsider the influence of wider social, political, cultural and economic contexts in creating transformative and revolutionary schools.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 1 other
Grade Mode: Standard Letter

EDLE 76531 INSTRUCTIONAL LEADERSHIP 3 Credit Hours
(Slashed with EDLE 66531) Focuses on the administrative role pertaining to the leadership, management, and evaluation of quality and effective school classroom instruction. Building administrators are responsible for providing the resource for effective instruction, which result in student learning. The key to effective instruction at any level requires a solid grounding in curriculum theory and design. Designed to provide the tools that administrators need to oversee the development, production, monitoring and evaluation of instructional methods and strategies.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 1 other
Grade Mode: Standard Letter

EDLE 76533 CENTRAL OFFICE ADMINISTRATION 3 Credit Hours
(Slashed with EDLE 66533) Analyzes roles and responsibilities of central office personnel with an emphasis on curriculum, pupil, and support services as impacted by current educational policy, and practice and focused on impacting the achievement of all students.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter

EDLE 76534 THE SUPERINTENDENCY 3 Credit Hours
(Slashed with EDLE 66534) Focuses on major responsibilities of board of education and superintendent.
Prerequisite: EDLE 66526 or EDLE 76526; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76536 THE ADMINISTRATOR'S ROLE IN CURRICULUM DEVELOPMENT 3 Credit Hours
(Slashed with EDLE 66536) Focusing on the administrative role pertaining to the development, management and evaluation of a quality and effective district/school/classroom curriculum.
Prerequisite: Major in Educational Leadership K-12; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76538 ADMINISTRATION OF SCHOOL CULTURE, POLITICS AND REFORM 3 Credit Hours
(Slashed with EDLE 66538) Focuses on administrative roles in assessing, leading, developing and reforming school culture. Centers on building and district administrators, who are responsible for providing the cultural frameworks and context of school culture through politics and reform efforts. The key to effective school reform requires a solid understanding of micropolitics as well as policy and practice at a state and national level. Designed to provide educational leaders with tools to assess school and district-wide cultural practices and norms as well as the skill sets to disrupt and change them.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter
EDLE 76540  WOMEN IN LEADERSHIP  3 Credit Hours
(Slashed with EDLE 66540) An interactive study of women's development and its effect on their dispositions toward leadership. Provides theoretical contrast to traditional management theory.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76542  PRINCIPLES AND TECHNIQUES OF SUPERVISION AND SPECIAL EDUCATION  3 Credit Hours
(Slashed with EDLE 66542) Principles and techniques needed by administrative specialists and supervisors (curriculum, pupil services, special education) are given. Research findings include changing human relations, change leadership, legal implications, group process, communication, coordination, management, observations, and conferencing skills.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76543  SCHOOL ADMINISTRATION IN URBAN SETTINGS  3 Credit Hours
(Slashed with EDLE 66543) This course is designed to provide students with opportunities to discuss and investigate the unique challenges of leading inner-city schools. Issues of focus include transportation, staffing, extracurricular support for students and more.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 76544  COMMUNITY RELATIONS AND COMMUNICATION SKILLS  3 Credit Hours
(Slashed with EDLE 66544) Centers on encouraging school leaders to consider the way in which children's learning is influenced by behaviors and perspectives of family members, school personnel and members of the larger community. Educators and school leaders have much to gain by deepening their understanding of how students learn from their family and cultural backgrounds, which fosters more inclusive school practices. Candidates investigate the influence of such collaborations and their role in upholding the ethical responsibility to promote children's welfare.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1.75 lecture, 1.25 other
Grade Mode: Standard Letter

EDLE 76595  SPECIAL TOPICS IN EDUCATIONAL ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) (Slashed with EDLE 66595) Specialized offerings in response to emerging or selected program needs.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

EDLE 76596  INDIVIDUAL INVESTIGATION IN EDUCATIONAL ADMINISTRATION  2-4 Credit Hours
(Repeatable for credit) (Slashed with EDLE 66596) Projects as assigned.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 76602  TECHNOLOGY LEADERSHIP IN EDUCATION  3 Credit Hours
(Slashed with EDLE 66602) Prepares educational administrators to be leaders in the advancement of the appropriate integration of technology. Current and prospective administrators increase their understanding of how technology can be used as a tools for teaching, learning, assessment, management, planning and communications. The development and implementations of vision for educational technology is addressed, as well as social and ethical issues.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.25 lecture, .75 other
Grade Mode: Standard Letter

EDLE 76747  PERSONNEL  3 Credit Hours
(Slashed with EDLE 66747) Administration of education staff at building and central office levels; scope and depth of supervisory responsibilities and development of evaluation techniques.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EDLE 80080  DISSERTATION PREPARATION SEMINAR  3 Credit Hours
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: EDLE 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EDLE 86591  SEMINAR IN EDUCATIONAL ADMINISTRATION  1-4 Credit Hours
(Repeatable for credit) Seminar in EDAD.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

EDLE 86598  RESEARCH IN EDUCATIONAL ADMINISTRATION  2-8 Credit Hours
(Repeatable for credit) Projects as assigned.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 2-8 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Higher Education (HIED)

HIED 46525 CAREERS IN HIGHER EDUCATION  3 Credit Hours
Familiarize students with the history of higher education; philosophies of higher education, financial, legal and political issues facing higher education; and the careers available in colleges and universities.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 60093 VARIABLE TOPIC WORKSHOP IN HIGHER EDUCATION ADMINISTRATION  1-6 Credit Hours
(Slashed with HIED 70093) Variable topics; designed to respond to specialized needs of various groups with the contexts of trends, issues and problems in the various higher education disciplines.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION  3-6 Credit Hours
(Slashed with HIED 76492)(Repeatable for a maximum of 12 credit hours) Field-based internship, minimum 150 clock hours, as approved by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship.
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66521 EMPLOYMENT LAW  3 Credit Hours
(Slashed with HIED 76521) Study of public and private sector bargaining law and all terms and conditions of employment.
Prerequisite: Higher education administration and student affairs; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66558 ADVANCED EDUCATIONAL LEADERSHIP  3 Credit Hours
(Slashed with HIED 86558) Course provides the opportunity for students to gain additional knowledge and skills in educational leadership, to improve research writing and teaching skills# to share and discuss leadership knowledge and insights with their peers and to defend their work before their peers.
Prerequisite: HIED 66657; and graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66592 INTERNSHIP IN COLLEGE TEACHING  3 Credit Hours
(Repeatable for credit) (Slashed with HIED 76592) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.
Prerequisite: At least 12 hours in higher education; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66594 INTERNSHIP IN COLLEGE TEACHING  3 Credit Hours
(Repeatable for credit) (Slashed with HIED 76594) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.
Prerequisite: At least 12 hours in higher education; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66595 SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION  3 Credit Hours
(Slashed with HIED 76595)(Repeatable for credit) Specialized offerings in response to emerging or selected program needs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66596 INDIVIDUAL INVESTIGATION IN HIGHER EDUCATION ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HIED 76596) Individual projects as agreed upon by the instructor and student.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66598 RESEARCH IN HIGHER EDUCATION ADMINISTRATION  2-8 Credit Hours
(Repeatable for credit) Projects as assigned.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 2-8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 66600 HISTORY OF HIGHER EDUCATION  3 Credit Hours
(Cross-listed with CULT 69567 and CULT 79567)(Slashed with HIED 76600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents, but focuses largely on American higher education from the 17th through the 20th century. Students explore changes in student body curricula and purposes of higher education in the United States in the context of American culture.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66601 THE PRIVATE LIBERAL ARTS COLLEGE  3 Credit Hours
(Slashed with HIED 76601) Explores a unique type of institution in American higher education, the private liberal arts college. Identifies common themes and challenges across institutions as well as the nature of specific examples of institutions.
Prerequisite: Higher education administration and student affairs major; and Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 66651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION 3 Credit Hours  
(Slashed with HIED 76651) Study of the history, philosophy, practices and organization of student affairs functions in higher education.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66652 LAW AND HIGHER EDUCATION 3 Credit Hours  
(Slashed with HIED 76652) Provides for the examination of major legal aspects of the administration of institutions of higher learning.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66653 COLLEGE STUDENT DEVELOPMENT: THEORY AND PRACTICE 3 Credit Hours  
(Slashed with HIED 76653) Study of theories concerning the development of college students and other adults, and the principles for translating theory into practice. Ed or Ed.S. Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.  
Prerequisite: M.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66654 STUDENTS AND THE COLLEGE ENVIRONMENT 3 Credit Hours  
(Slashed with HIED 76654) Study of the impact of different types of students and college environments on each other and within the context of a changing society.  
Prerequisite: HIED 66653; and graduate standing; and special approval of instructor.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours  
(Slashed with HIED 76655) Study of management responsibilities and leadership issues of student affairs administrators.  
Prerequisite: HIED 66652 and HIED 66653 and HIED 66657; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66656 HIGHER EDUCATION CURRICULUM 3 Credit Hours  
(Slashed with HIED 76656) Introduces perspectives on curriculum development, implementation and assessment in higher education. Course addresses theoretical, historical, political and contemporary perspectives on higher education curriculum.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66657 LEADERSHIP IN EDUCATION ORGANIZATIONS 3 Credit Hours  
(Slashed with HIED 76657) By learning to appraise their own leadership styles, students improve their leadership effectiveness and explore the relationship between leadership and college and university effectiveness. Ed or Ed.S. Higher Education Administration and Student Affairs major or Sport Administration major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education.  
Prerequisite: M.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66658 THE COMMUNITY COLLEGE 3 Credit Hours  
(Slashed with HIED 76658) A study of the foundations, structure, programs and issues of community college education in the United States.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66660 FACULTY ROLES AND RESPONSIBILITIES 3 Credit Hours  
(Slashed with HIED 76660) A study of faculty roles and responsibilities in American higher education.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66662 POLITICS AND POWER IN ORGANIZATIONS 3 Credit Hours  
(Slashed with HIED 76662) Course is designed to provide a conceptual framework for understanding the multifaceted processes of policy-making that take place in both internal and external settings in organizations.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
HIED 66663 STATUS OF WOMEN IN HIGHER EDUCATION 3 Credit Hours  
(Slashed with HIED 76663) Provides a comprehensive overview of the historical, contemporary and scholarly perspectives on women students, faculty, administrators and staff. Students explore why and how women and men experience higher education differently, by drawing on scholarly contributions, feminist theoretical and research perspectives and historical, cultural and psychological contexts. The course considers how the context, recognition of power, other dimensions of identities and desire to change society and the academy have fueled and shaped feminist study of the history and condition of women in higher education. Students explore these issues through various media, and they also have the opportunity to investigate a real-life problem of their choice.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
HIED 6665  TECHNOLOGY, SYSTEMS AND DATA IN HIGHER EDUCATION ADMINISTRATION  3 Credit Hours
(Slashed with HIED 76665) Exploration of technology, systems and data analysis essential to the practice of higher education administration. Students examine and apply tools used for the organization, analysis and dissemination of information, including, but not limited to, ERP systems, learning management systems, web applications for data collection and office productivity software. Students perform tasks typically requested of administrators related to budget or workload management, managing lists and or rosters, exploring trend data for decision-making and generating charts, tables and other data for reporting needs. Survey design and construction using online applications are a significant component of this course. It is strongly advised that students taking the course have moderate experience with office productivity software.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6666  FINANCIAL MANAGEMENT IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76666) Course covers financial issues, sources of funds, economics of education, financial roles of professional and academic administrators and the financial management skills as applicable to institutions of higher education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6667  BUSINESS ADMINISTRATION IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76667) Course introduces students to the administrative and business management of institutions of higher education. Covers topics on institutional planning, space management, insurance matters, personnel administration and purchasing and facility management.
Prerequisite: HIED 6665; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6669  ADMINISTRATION OF STUDENT DISABILITY SERVICES IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76669) Understanding the legal and practical issues regarding the identification, accommodation and matriculation of students with disabilities into colleges and universities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6670  INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS  3 Credit Hours
(Slashed with HIED 76670) Students study the historical and current development of the internationalization of higher education institutions. They explore higher education administrative leadership characteristics; social, political and economic factors; and national and international relationships that have affected various countries and regions. They also examine rationales behind internationalization of higher education institutions, its meaning and approaches, and the different strategies and organizational models in different types of higher education institutions. Ed or Ed.S. Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.
Prerequisite: M.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6671  THE ADMINISTRATION OF MULTICULTURALISM AND DIVERSITY IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76671) Course covers racial, ethnic and inclusive diversity and multiculturalism in U.S. higher education settings. Diversity is discussed from a historical perspective, providing a context for contemporary experiences described by and about students, staff, faculty and administrators. Main topics include multiculturalism in higher education in light of inclusive education; racial and ethnic diversity in higher education history; benefits of diversity; faculty issues; student issues; curriculum and pedagogy matters; research issues; law and policy issues; and strategic planning for institution diversity in higher education.
Prerequisite: Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 6672  INTERNATIONAL STUDENTS AND AMERICAN COLLEGES  3 Credit Hours
(Slashed with HIED 76672) Course bridges theory and application with an emphasis on the latter. The course begins with a national perspective and then concentrates on the various aspects and best practices of recruiting and supporting international students at the institutional level.
Prerequisite: Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
### HIED 66673  RESEARCH IN ADMINISTRATION OF INTERNATIONAL HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 76673) Examines and analyzes research related to higher education administration in the field of international and global education. Implications for application of findings for improvement of colleges and universities at home and abroad is discussed thoroughly. **Prerequisite:** Higher education administration and student affairs major; and graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66674  COMPARATIVE HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 76674) Students learn the differences between comparative, international and cross-border education. They reflect on how the U.S. higher education system grew out of specific historical, cultural and socio-economic contexts and analyze the higher education systems and structures of other selected countries and regions, focusing on the contexts which have influenced their development. Students examine emerging trends in the globalization of qualifications frameworks and quality assessment standards, and define their own positions in aspects of the universal criteria/local contexts debate. **Prerequisite:** Higher education administration and student affairs major; and graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66675  DESIGN AND DELIVERY OF EDUCATION ABROAD PROGRAMS 3 Credit Hours
(Slashed with HIED 76675) Students examine the many critical aspects of designing, planning and implementing an education abroad program. Students analyze components an education abroad program and, with others, design a new program. Students also consider the institutional contexts in which the program design occurs, on a campus or third-party organizational level, including design decisions about curriculum content and program delivery mechanisms, co-curricular activities and safety issues. Students also develop skills in conducting needs assessments and program evaluations. **Prerequisite:** Graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66676  INTERCULTURAL COMMUNICATION FOR INTERNATIONAL EDUCATORS 3 Credit Hours
(Slashed with HIED 76676) Students examine both classic and evolving intercultural communication theories, with an emphasis on the practical application of those theories to working in intercultural environments in higher education. Students analyze cultural influences on individuals, through the reading of cultural biographies and reflection on cultural influences in their own lives. Definitions of intercultural competence and strategies for intercultural learning (particularly in higher education contexts) are reviewed, with implications for program design in education abroad, work with international students and other international education contexts. **Prerequisite:** Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66677  WORKFORCE, ECONOMIC AND COMMUNITY DEVELOPMENT IN COMMUNITY COLLEGES 3 Credit Hours
(Slashed with HIED 76677) Course examines the role of the community college in workforce, economic and community development and within the context of social, economic and technology shifts. **Prerequisite:** Graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66678  ISSUES AND TRENDS IN COMMUNITY COLLEGE ADMINISTRATION 3 Credit Hours
(Slashed with HIED 76678) Course addresses current salient issues in community college administration. A variety of topics are examined as related to challenges for community college leaders arising from social, economic and political shifts. **Prerequisite:** Graduate standing. **Schedule Type:** Lecture **Contact Hours:** 3 lecture **Grade Mode:** Standard Letter

### HIED 66679  CAREER ADVISING: THEORY AND PRACTICE 3 Credit Hours
(Slashed with HIED 76679) Develop practical skills in providing developmentally appropriate theory based academic and career advising to assist individuals in adding meaningful and purposeful work into their lives. **Prerequisite:** Graduate standing. **Schedule Type:** Seminar **Contact Hours:** 3 other **Grade Mode:** Standard Letter

### HIED 66680  ADMINISTRATION OF CAREER AND ADVISING SERVICES 1 Credit Hour
(Slashed with HIED 76680) Examines contemporary issues in administration of career and academic advising services. Challenges students to rethink the models and methods used to prepare individuals to enter the workforce and navigate their careers. **Prerequisite:** Graduate standing. **Schedule Type:** Seminar **Contact Hours:** 1 other **Grade Mode:** Standard Letter
HIED 66681 ADMINISTRATION OF ADVISING SERVICES  3 Credit Hours
(Slashed with HIED 76681) Examines contemporary issues in administration of academic advising services. Challenges students to rethink models and methods used to prepare individuals to enter the workforce and navigate their careers.
Prerequisite: HIED 66653; and graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66733 INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS  3 Credit Hours
(Slashed with HIED 76733) Students working in task groups learn about interpersonal, group and inter-group dynamics in organizations through lectures, discussions and analysis of their in-group experiences.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66745 EQUITY, JUSTICE AND U.S. HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76745) Examines issues of equity and justice in the U.S. higher education, including historical origins, access to higher education, students' experiences within colleges and universities and outcomes of higher education. Course also focuses on the role of higher education as a social institution, including higher education as a public good and the intersection of higher education with current social issues such as labor and free speech.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66749 ASSESSMENT AND ACCREDITATION IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76749) Course provides an understanding of current assessment and evaluation methods in higher education settings. Topics span from individual course assessment through institutional accreditation processes.
Prerequisite: Higher Education Administration and Student Affairs majors or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education or Institutional Research and Assessment.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66755 ADMINISTRATION OF INTERCOLLEGIATE ATHLETICS  3 Credit Hours
(Slashed with HIED 86755) The purpose of this course is to analyze the various administrative roles in intercollegiate athletics within the context of higher education and examine the theory and practice associated with academic integrity and student-athlete wellbeing. In addition, this course will provide an overview of “best practices” pertaining to institutional control as governed by national, conference and institutional regulations.
Prerequisite: Higher Education Administration and Student Affairs major; and graduate standing.
Schedule Type: Lecture, Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66789 PLANNING AND IMPLEMENTING STUDY ABROAD WHILE STUDYING ABROAD  3 Credit Hours
(Slashed with HIED 76789) Students learn the principles and practice of designing and delivering effective study-abroad programs through Kent State locations. Students observe summer programs; study the principles of developing effective study abroad experiences; and meet with university program officials, faculty, facility support staff, private third-party providers of study abroad and the community, in addition to such onsite support services as legal advisors, health professionals and housing offices.
Prerequisite: Graduate standing.
Schedule Type: International Experience, Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

HIED 70093 VARIABLE TOPIC WORKSHOP IN HIGHER EDUCATION ADMINISTRATION  1-6 Credit Hours
(Slashed with HIED 60093) Variable topics# designed to respond to specialized needs of various groups with the contexts of trends, issues and problems in the various higher education disciplines.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 76492 INTERNSHIP IN HIGHER EDUCATION ADMINISTRATION  3-6 Credit Hours
(Repeatable for a maximum of 12 credit hours) (Slashed with HIED 66492) Field-based internship of at least 150 clock hours, as approved by the program area faculty. Specific topics are outlined and shared at meetings prior to beginning internship.
Prerequisite: Doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 76521 EMPLOYMENT LAW  3 Credit Hours
(Slashed with HIED 66521) Study of public and private sector bargaining law and all terms of employment.
Prerequisite: Higher education administration major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76592 INTERNSHIP IN COLLEGE TEACHING  3 Credit Hours
(Repeatable for credit) (Slashed with HIED 66592) Application of course and lesson planning; instructional and evaluation skills under faculty supervision; lecturing, guiding group performance and evaluating performances. Arrangements made on individual basis.
Prerequisite: At least 12 hours in higher education; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 76595 SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION  3 Credit Hours
(Slashed with HIED 66595) (Repeatable for credit) Specialized offerings in response to emerging or selected program needs.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76596 INDIVIDUAL INVESTIGATION IN HIGHER EDUCATION ADMINISTRATION 1-3 Credit Hours
(Repeatable for credit) (Slashed with HIED 66596) Individual projects as agreed upon by the instructor and student.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
HIED 76598 RESEARCH IN HIGHER EDUCATION ADMINISTRATION 2-8 Credit Hours
(Repeatable for credit) Projects as assigned.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 2-8 other
Grade Mode: Satisfactory/Unsatisfactory-IP
HIED 76600 HISTORY OF HIGHER EDUCATION 3 Credit Hours
(Cross-listed with CULT 69567 and CULT 79567) (Slashed with HIED 66600) Overview and exploration of history of higher education in the United States. Survey course covers ancient and medieval European antecedents, but focuses largely on American higher education from the 17th through the 20th century. Students explore changes in student body curricula and purposes of higher education in the United States in the context of American culture.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76601 THE PRIVATE LIBERAL ARTS COLLEGE 3 Credit Hours
(Slashed with HIED 66601) Explores a unique type of institution in American higher education, the private liberal arts college. Identifies common themes and challenges across institutions as well as the nature of specific examples of institutions.
Prerequisite: Higher education administration major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66651) Study of the history, philosophy, practices and organization of student affairs functions in higher education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76652 LAW AND HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66652) Provides for the examination of major legal aspects of the administration of institutions of higher learning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76653 COLLEGE STUDENT DEVELOPMENT: THEORY AND PRACTICE 3 Credit Hours
(Slashed with HIED 66653) Study of theories concerning the development of college students and other adults, and the principles for translating theory into practice.
Prerequisite: PhD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76654 STUDENTS AND THE COLLEGE ENVIRONMENT 3 Credit Hours
(Slashed with HIED 66654) Study of the impact of different types of students and college environments on each other and within the context of a changing society.
Prerequisite: HIED 76653; and doctoral standing; and special approval of the instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours
(Slashed with HIED 66655) Study of management responsibilities and leadership issues of student affairs administrators.
Prerequisite: HIED 76652 and 76653 and 76657; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76656 HIGHER EDUCATION CURRICULUM 3 Credit Hours
(Slashed with HIED 66656) Introduces perspectives on curriculum development, implementation and assessment in higher education and addresses theoretical, historical, political and contemporary perspectives on higher education curriculum.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76657 LEADERSHIP IN EDUCATION ORGANIZATIONS 3 Credit Hours
(Slashed with HIED 66657) By learning to appraise their own leadership styles, students improve their leadership effectiveness and explore the relationship between leadership and college and university effectiveness.
Prerequisite: PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education, or Institutional Research and Assessment; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76658  THE COMMUNITY COLLEGE  3 Credit Hours
(Slashed with HIED 66658) A study of the foundations, structure, programs and issues of community college education in the United States.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76660  FACULTY ROLES AND RESPONSIBILITIES  3 Credit Hours
(Slashed with HIED 66660) A study of faculty roles and responsibilities in American higher education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76662  POLITICS AND POWER IN ORGANIZATIONS  3 Credit Hours
(Slashed with HIED 66662) Course is designed to provide a conceptual framework for understanding the multifaceted processes of policy-making that take place in both internal and external settings in organizations.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76663  STATUS OF WOMEN IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66663) Provides a comprehensive overview of the historical, contemporary and scholarly perspectives on women students, faculty, administrators and staff. Students explore why and how women and men experience higher education differently, by drawing on scholarly contributions, feminist theoretical and research perspectives and historical, cultural and psychological contexts. The course considers how the context, recognition of power, other dimensions of identities and desire to change society and the academy have fueled and shaped feminist study of the history and condition of women in higher education. Students explore these issues through various media, and they also have the opportunity to investigate a real-life problem of their choice.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76665  TECHNOLOGY, SYSTEMS AND DATA IN HIGHER EDUCATION ADMINISTRATION  3 Credit Hours
(Slashed with HIED 66665) Exploration of technology, systems and data analysis essential to the practice of higher education administration. Students examine and apply tools used for the organization, analysis and dissemination of information, including, but not limited to, ERP systems, learning management systems, web applications for data collection and office productivity software. Students perform tasks typically requested of administrators related to budget or workload management, managing lists and or rosters, exploring trend data for decision-making and generating charts, tables and other data for reporting needs. Survey design and construction using online applications are a significant component of this course. It is strongly advised that students taking the course have moderate experience with office productivity software.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76666  FINANCIAL MANAGEMENT IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66666) Course covers financial issues, sources of funds, economics of education, financial roles of professional and academic administrators and the financial management skills as applicable to institutions of higher education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76667  BUSINESS ADMINISTRATION IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66667) Course introduces students to the administrative and business management of institutions of higher education. Covers topics on institutional planning, space management, insurance matters, personnel administration and purchasing and facility management.
Prerequisite: HIED 76657, and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76669  ADMINISTRATION OF STUDENT DISABILITY SERVICES IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66669) Understanding the legal and practical issues regarding the identification, accommodation and matriculation of students with disabilities into colleges and universities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76670 INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS 3 Credit Hours
(Slashed with HIED 66670) Students study the historical and current development of the internationalization of higher education institutions. They explore higher education administrative leadership characteristics; social, political and economic factors; and national and international relationships that have affected various countries and regions. They also examine rationales behind internationalization of higher education institutions, its meaning and approaches, and the different strategies and organizational models in different types of higher education institutions.
Prerequisite: PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76671 THE ADMINISTRATION OF MULTICULTURALISM AND DIVERSITY IN HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66671) Course covers racial, ethnic and inclusive diversity and multiculturalism in U.S higher education settings. Diversity is discussed from a historical perspective providing a context for contemporary experiences described by and about students, staff, faculty and administrators. Main topics include multiculturalism in higher education in light of inclusive education; racial and ethnic diversity in higher education history; benefits of diversity; faculty issues; student issues; administrator and leadership issues; curriculum and pedagogy matters; research issues; law and policy issues and strategic planning for institutional diversity in higher education.
Prerequisite: PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76672 INTERNATIONAL STUDENTS AND AMERICAN COLLEGES 3 Credit Hours
(Slashed with HIED 66672) Course bridges theory and application with an emphasis on the latter. The course begins with a national perspective and then concentrates on the various aspects and best practices of recruiting and supporting international students at the institutional level.
Prerequisite: PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76673 RESEARCH IN ADMINISTRATION OF INTERNATIONAL HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66673) Examines and analyzes research related to higher education administration in the field of international and global education. Implications for application of findings for improvement of colleges and universities at home and abroad is discussed thoroughly.
Prerequisite: Higher education administration major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76674 COMPARATIVE HIGHER EDUCATION 3 Credit Hours
(Slashed with HIED 66674) Students learn the differences between comparative, international and cross-border education. They reflect on how the United States higher education system grew out of specific historical, cultural and socio-economic contexts and analyze the higher education systems and structures of other selected countries and regions, focusing on the contexts which have influenced their development. Students examine emerging trends in the globalization of qualifications frameworks and quality assessment standards, and define their own positions in aspects of the universal criteria/local contexts debate.
Prerequisite: Higher education administration major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76675 DESIGN AND DELIVERY OF EDUCATION ABROAD PROGRAMS 3 Credit Hours
(Slashed with HIED 66675) Students examine the many critical aspects of designing, planning and implementing an education abroad program. Students analyze components an education abroad program and, with others, design a new program. Students also consider the institutional contexts in which the program design occurs, on a campus or third-party organizational level, including design decisions about curriculum content and program delivery mechanisms, co-curricular activities and safety issues. Students also develop skills in conducting needs assessments and program evaluations.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76676  INTERCULTURAL COMMUNICATION FOR INTERNATIONAL EDUCATORS  3 Credit Hours
(Slashed with HIED 66676) Students examine both classic and evolving intercultural communication theories, with an emphasis on the practical application of those theories to working in intercultural environments in higher education. Students analyze cultural influences on individuals, through the reading of cultural biographies and reflection on cultural influences in their own lives. Definitions of intercultural competence and strategies for intercultural learning (particularly in higher education contexts) are reviewed, with implications for program design in education abroad, work with international students and other international education contexts.
Prerequisite: PHD in Higher Education Administration major or EDD in Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, or Internationalization of Higher Education; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76677  WORKFORCE, ECONOMIC AND COMMUNITY DEVELOPMENT IN COMMUNITY COLLEGES  3 Credit Hours
(Slashed with HIED 66677) Course examines the role of the community college in workforce, economic and community development and within the context of social, economic and technology shifts.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76678  ISSUES AND TRENDS IN COMMUNITY COLLEGE ADMINISTRATION  3 Credit Hours
(Slashed with HIED 66678) Course addresses current salient issues in community college administration. A variety of topics are examined as related to challenges for community college leaders arising from social, economic and political shifts.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76679  CAREER ADVISING: THEORY AND PRACTICE  3 Credit Hours
(Slashed with HIED 66679) Develop practical skills in providing developmentally appropriate theory based academic and career advising to assist individuals in adding meaningful and purposeful work into their lives.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

HIED 76680  ADMINISTRATION OF CAREER AND ADVISING SERVICES  1 Credit Hour
(Slashed with HIED 66680) Examines contemporary issues in administration of career and academic advising services. Challenges students to rethink the models and methods used to prepare individuals to enter the workforce and navigate their careers.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

HIED 76681  ADMINISTRATION OF ADVISING SERVICES  3 Credit Hours
(Slashed with HIED 66681) Examines contemporary issues in administration of academic advising services. Challenges students to rethink models and methods used to prepare individuals to enter the workforce and navigate their careers.
Prerequisite: HIED 76653; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76733  INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS  3 Credit Hours
(Slashed with HIED 66733) Students working in task groups learn about interpersonal, group and inter-group dynamics in organizations through lectures, discussions and analysis of their in-group experiences.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76745  EQUITY, JUSTICE AND U.S. HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66745) Examines issues of equity and justice in U.S. higher education, including historical origins, access to higher education, students’ experiences within colleges and universities, and outcomes of higher education. Course also focuses on the role of higher education as a social institution, including higher education as a public good and the intersection of higher education with current social issues such as labor and free speech.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76749  ASSESSMENT AND ACCREDITATION IN HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 66749) This course is designed to provide an understanding of current assessment and evaluation methods in higher education settings. Topics will span from course assessment through institutional accreditation processes.
Prerequisite: Higher Education Administration major or Higher Education and Student Affairs major or students enrolled in any of the following graduate certificates: Career and Academic Advising, College Teaching, Community College Leadership, Internationalization of Higher Education or Institutional Research and Assessment.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76789  PLANNING AND IMPLEMENTING STUDY ABROAD WHILE STUDYING ABROAD  3 Credit Hours
(Slashed with HIED 76789) Students learn the principles and practice of designing and delivering effective study-abroad programs through Kent State locations. Students observe summer programs; study the principles of developing effective study abroad experiences; and meet with university program officials, faculty, facility support staff, private third-party providers of study abroad and the community, in addition to such onsite support services as legal advisors, health professionals and housing offices.
Prerequisite: Doctoral standing.
Schedule Type: International Experience, Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 80080  DISSERTATION PREPARATION SEMINAR  3 Credit Hours
Students gain an in-depth understanding of the dissertation writing process to complete their dissertation proposal.
Prerequisite: PHD in Higher Education Administration major; and doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, the first of which is a semester in which dissertation work is begun and continuation of 30 hours.
Prerequisite: PHD in Higher Education Administration major; and doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met. D. in higher education administration major; and doctoral Standing.
Prerequisite: HIED 80199; and Ph.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 86558  ADVANCED EDUCATIONAL LEADERSHIP  3 Credit Hours
(Slashed with HIED 66558) Course provides the opportunity for students to gain additional knowledge and skills in educational leadership, to improve research writing and teaching skills# to share and discuss leadership knowledge and insights with their peers and to defend their work before their peers.
Prerequisite: HIED 76657; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 86559  ADVANCED STUDENT AND ADULT DEVELOPMENT  3 Credit Hours
Students develop an in-depth understanding of one or more current theories of student or adult development. They gain additional knowledge in student development theory and theory creation.
Prerequisite: Higher education administration major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 86755  ADMINISTRATION OF INTERCOLLEGIATE ATHLETICS  3 Credit Hours
(Slashed with HIED 66755) The purpose of this course is to analyze the various administrative roles in intercollegiate athletics within the context of higher education and examine the theory and practice associated with academic integrity and student-athlete wellbeing. In addition, this course will provide an overview of “best practices” pertaining to institutional control as governed by national, conference and institutional regulations.
Prerequisite: Higher Education Administration and Student Affairs major or Higher Education Administration major; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Hospitality and Event Management (HEM)

HEM 13022  SANITATION AND SAFETY PRINCIPLES AND PRACTICES  3 Credit Hours
This course is designed to prepare future hospitality managers to plan for and react to potentially dangerous situations that occur in the hospitality industry including food borne illness identification and prevention, safe alcohol service and management and CPR and First Aid administration.
As part of the curriculum, students will train and become certified with the following regulatory authorities: ServSafe Manager/Ohio Level II food safety training, TIPs On Premise alcohol safety training and CPR/AED/1st Aid training.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service, ITAG Culinary and Food Service

HEM 13023  FUNDAMENTALS OF FOOD PRODUCTION  3 Credit Hours
This course focuses on basic to intermediate culinary fundamentals in the commercial kitchen, as well as kitchen management practices and procedures.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1.5 lecture, 3 lab
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HEM 13024  INTRODUCTION TO HOSPITALITY MANAGEMENT  3 Credit Hours
An in-depth study of the career possibilities and opportunities in the hospitality and food service industries: including the aptitudes, skills, and knowledge needed to be successful. In a student's career venture and search for job satisfaction, the most rewarding decisions come from being aware of all the available options and career paths. The Hospitality Industry is vast in scope and volume of business. It is a growing, dynamic, and electrifying industry which will be examined initially through this intro course.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HEM 20040  THE BUSINESS OF EVENT MANAGEMENT  3 Credit Hours
The course is designed as an introduction of the complex event management industry. The event planning cycle is the foundation for discovering the role of social life cycle events, non-profit and corporate events in our global economy.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HEM 20160 SAFETY AND SECURITY RISK MANAGEMENT 3 Credit Hours
Students gain an understanding of the concepts related to risk management including duty of care, risk assessment, planning and evaluative of risk techniques used within the hospitality event management field. Focus will be on how to manage, reduce and transfer risks in order to provide a safe and secure environment for events.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 20201 FOOD AND BEVERAGE MANAGEMENT 3 Credit Hours
This class is designed to provide students with key concepts and practical skills that they need to be effective foodservice managers. Emphasis is placed on the role of food and beverage in the hospitality industry, types of food and beverage, menu development and analysis, marketing, personnel management, supply chain management, corporate social responsibility.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 20250 ADVANCED FOOD PRODUCTION 3 Credit Hours
A continuation of Fundamentals of Food Production. This course focuses on the integration of students’ prior culinary training, academic studies and experience in the field with high quality ingredients, advanced cooking techniques and contemporary food preparation and stylings. In building on fundamentals previously learned, the students will examine the details of cuisine including food science, regionality, history, seasoning and flavoring techniques, plating and presentation methods.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1.5 lecture, 3 lab
Grade Mode: Standard Letter

HEM 21095 SPECIAL TOPICS IN HOSPITALITY AND EVENT MANAGEMENT 1-4 Credit Hours
(Repeatable for credit) Discussion of a major discipline or subject within the hospitality industry.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

HEM 23030 HOTEL OPERATIONS 3 Credit Hours
The purpose of this course is to give students a basic understanding of the overall hotel operations. Students will be introduced to the principles and practices of managerial functions relating to the operation of hotels and other accommodations.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HEM 23212 INTRODUCTORY FOOD SCIENCE 3 Credit Hours
(Cross-listed with NUTR 23012) Principles of food preparation and quality evaluation, with an emphasis on food science concepts, nutrition, food consumption trends and government regulation.
Prerequisite: NUTR 23511.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter
Attributes: TAG Health

HEM 23335 HOSPITALITY EXPERIENCE MANAGEMENT 3 Credit Hours
A significant element in the service industry is managing customers' experiences. In order to provide a comprehensive, inter- and multi-disciplinary view, the course will be constructed in three modules. The first module will present the characteristics and dynamics of the service encounter. The second module will focus on successful service encounters (service quality) and its outcome (customer experience). The third module will present the dynamics of service delivery process, including service failure and service recovery issues. The three modules of this course will provide an opportunity to understand the dynamics of the service encounter, to manage service quality and to learn how to better deliver service experience to customers.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 23336 CLUB MANAGEMENT 3 Credit Hours
Introduction to private club management and operations. Strategic planning, marketing, human resources, service excellence, legal issues and financial management will be emphasized within the context of food and beverage, golf and recreation.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 23510 QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY 3 Credit Hours
(Cross-listed with NUTR 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production.
Prerequisite: NUTR 23112.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter

HEM 30110 FUNDRAISING AND PHILANTHROPIC EVENT MANAGEMENT 3 Credit Hours
This course will explore the role fundraising and philanthropy can play in the success of the non-profit and voluntary segments of the event and hospitality industry. The focus will center on sponsorship opportunities, grants, campaigns (capital and annual), planned giving and corporate partnerships and the intersection of events that support those components.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HEM 30120  WEDDINGS AND SPECIAL EVENT PROTOCOL  3 Credit Hours
The course provides an in-depth analysis of weddings and special event protocol. Coursework will include client detailing, site selection, contract negotiation, etiquette, budgeting, vendor relations, marketing, timeline development and public relations.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 30280  FUNDAMENTALS OF FOOD AND BEVERAGE SERVICE  3 Credit Hours
This course provides students with skills in service techniques, effective merchandising, guest relations, customer service, restaurant operations and service of beer, wine and spirits. Students will gain knowledge about equipment and use of equipment related to several styles of service, proper dress and sanitation, organization and responsibilities within the dining room.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 33020  LEGAL ISSUES IN THE HOSPITALITY AND EVENT INDUSTRY  3 Credit Hours
Overview and analysis of legal issues of concern to the hospitality operation. Topics include employment law, food and beverage liabilities, patron civil rights, local, state, and federal regulations; and franchising.
Prerequisite: HEM 13022 and HEM 13024 and MGMT 24163.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 33050  PROFESSIONAL PRACTICE IN HOSPITALITY AND EVENT MANAGEMENT  2 Credit Hours
Prepares students for professional work experiences in hospitality management. Career development and professional workplace issues are addressed. Etiquette, resume writing and interview techniques are topics that will be covered, along with workplace relationships, networking and ethical dilemmas in hospitality management. Students must have documentation of 400 work hours.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HEM 33129  CATERING AND BANQUET MANAGEMENT  3 Credit Hours
The course includes an in-depth analysis of all components of the catering profession including management, legal aspects, getting started in business, catering contracts, menu planning, beverage service, catering equipment, catering logistics, personnel, marketing, pricing, sanitation and safety practices, purchasing, accessory services, accounting and control practices.
Prerequisite: HEM 13022 and HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 33130  INTRODUCTION TO CASINO AND GAMING INDUSTRY  3 Credit Hours
Introduction to the various aspects of the casino and gaming industry. Students study the structure of casino organizations, gain basic understanding of gaming operations and responsible gaming. Casino environments are experienced through on-site visitations. Funds for travel are the student's responsibility, all students must be legal age of 21 prior to on-site class visitations.
Prerequisite: Special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2.5 lecture, 1 lab
Grade Mode: Standard Letter

HEM 33140  CONVENTION SALES AND MANAGEMENT  3 Credit Hours
From a sales and convention management perspective, the convention and meetings industry is examined. Students are introduced to all facets of the conventions and meetings industry.
Prerequisite: HEM 13024.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 33145  BAKING AND PASTRY FUNDAMENTALS  3 Credit Hours
Building on the theoretical and practical foundations of Baking and Pastry Fundamentals, this course will help students develop advanced skills and knowledge in the production and selection of quality handcrafted and purchased products. Scientific principles and experimental methods will be explored and addition emphasis will be placed on advanced decorating and finishing techniques, yeast breads, sweet doughs, cakes, tortes, chocolate work.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 4 lab
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HEM 33270  GLOBAL CUISINE  3 Credit Hours
Prepare, taste, serve, and evaluate traditional, regional dishes of Europe, Asia, and the Americas. Emphasis will be placed on history, ingredients, flavor profiles, preparations, and techniques representative of the cuisines.
Prerequisite: Sophomore standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1.5 lecture, 3 lab
Grade Mode: Standard Letter

HEM 37377  CASINO MANAGEMENT AND GAMING OPERATIONS  3 Credit Hours
Introduction to the various aspects of the casino and gaming industry. Students study the structure of casino organizations, gain basic understanding of gaming operations and responsible gaming. Casino environments are experienced through on-site visitations. Funds for travel are the student's responsibility, all students must be legal age of 21 prior to on-site class visitations.
Prerequisite: Special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2.5 lecture, 1 lab
Grade Mode: Standard Letter

HEM 41093  VARIABLE TOPIC WORKSHOP IN HOSPITALITY AND EVENT MANAGEMENT  1-3 Credit Hours
(Repeatable for credit) Workshop setting dealing with a topic or topics in hospitality and event management. Learning experiences are provided in a wide range of areas.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

HEM 41095  SPECIAL TOPICS IN HOSPITALITY AND EVENT MANAGEMENT  1-4 Credit Hours
(Repeatable for credit) Discussion of a major topic within a specific field of hospitality and event management.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter
HEM 41096  INDIVIDUAL INVESTIGATION IN HOSPITALITY AND EVENT MANAGEMENT  1-3 Credit Hours
(Repeatable for credit) Independent study in hospitality and event management.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HEM 43027  HOSPITALITY AND EVENT MANAGEMENT: HUMAN RESOURCE STRATEGIES (WIC)  3 Credit Hours
Application of human resource management principles, practices, theories and legal issues relevant to hospitality organizations. Hospitality management focused case studies are incorporated.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030 and HRM 34180 and MGMT 24163 and MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

HEM 43030  FOOD SERVICE SYSTEMS MANAGEMENT  3 Credit Hours
(Slashed with HTM 53030)(Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.
Prerequisite: HEM 23212 or NUTR 23012; and HEM 23510 or NUTR 23510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: TAG Health

HEM 43031  LAYOUT AND DESIGN OF HOSPITALITY OPERATIONS  3 Credit Hours
Analysis and planning for the layout and design of hospitality operations. Includes basic principles of design; space analysis; human factors; and equipment use, care, selection and layout for hospitality facilities based on the financial performance of the operation; codes and related regulations. An appreciation for cost effective engineering and architecture concerns pertaining to hospitality operations is developed.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43092  PRACTICUM IN HOSPITALITY AND EVENT MANAGEMENT (ELR)  1-6 Credit Hours
(Repeatable for credit) Supervised professional experience in the hospitality industry including operations such as restaurants, hotels, clubs, health care, theme parks and food distribution. Course assignments are included.
Prerequisite: HEM 13022 and HEM 13023 and HEM 13024 and HEM 23030 and HEM 33050; and junior or senior standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 6-36 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

HEM 43099  CAPSTONE: STRATEGIC HOSPITALITY AND EVENT MANAGEMENT (ELR)  3 Credit Hours
This capstone course provides a comprehensive view of the business setting of hospitality and tourism organizations. The course includes a review of the competitive business environments, competitive advantage, above-average performance and competitive strategies as they pertain to hospitality and tourism management. The course will highlight current strategic issues in hospitality and tourism management referring to the most recent literature (practitioners' literature and academic journals). The course concludes a capstone group case analysis of a business problem in hospitality management, food and beverage management or event management.
Prerequisite: HEM 13024 and HEM 23030 and MKTG 24163 and MKTG 25010.
Schedule Type: Lecture, Project or Capstone
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

HEM 43143  HOSPITALITY MEETINGS AND EVENT MANAGEMENT  3 Credit Hours
Exploration of the unique issues associated with managing hospitality meetings, and event planning. Emphasis on management of association meetings, conventions, and corporate events held in hospitality venues requiring food and beverage and/or lodging.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43226  FOOD AND BEVERAGE COST MANAGEMENT  3 Credit Hours
This course provides a comprehensive study of the cost control aspects of food and beverage operations that, when managed effectively, lead to profitability and ultimately success. Topics include purchasing, labor, beverage and food cost management (prime costs), budgeting, forecasting, cost analysis, inventory control and the overall factors that lead to the financial success of a food and beverage service operation.
Prerequisite: HEM 13024 and HEM 23030.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43231  FOOD, WINE AND BEVERAGE PAIRING  3 Credit Hours
Provides knowledge of the sensory relationship of food, wine, beer and other spirits and the important role this process has on hospitality operations. Topics include developing an understanding of wine, beer and food pairing as a hierarchical process. Menu development and cooking the food play an important role in this class; food is chosen first then paired with the appropriate beverage. Students must be 21 years old to enroll in the class. Students must be 21 years old to enroll in the class.
Prerequisite: Special approval.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 4 lab
Grade Mode: Standard Letter
HEM 43325  HOSPITALITY MARKETING  3 Credit Hours
Application of marketing principles, practices and theories relevant to hospitality organizations. Case studies drawn from the hospitality industry are incorporated.
Prerequisite: HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43329  HOSPITALITY FINANCIAL POLICY  3 Credit Hours
Developing financial analysis skills and decision-making capabilities for short- and long-term financial management problems in the unique setting of service industries with a specific focus on hospitality organizations, restaurants, clubs, and resorts, through case analysis.
Prerequisite: HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43377  REVENUE MANAGEMENT  3 Credit Hours
Introduction to both the theory and the practice of revenue management. Through optimization techniques and data analytics, this class examines how hospitality firms manage resources and production capacity as well as make financial decisions in order to maximize performance and profitability.
Prerequisite: HEM 13024 and HEM 23030 and MGMT 24163 and MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HEM 43388  LEADERSHIP AND ORGANIZATIONAL BEHAVIOR IN THE HOSPITALITY INDUSTRY  3 Credit Hours
This course provides students both study and practice in the latest concepts related to leadership and organizational behavior in the field of hospitality and to examine the factors that contribute to an ever-changing business world.
Prerequisite: HEM 13024 and MGMT 24163 and MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Hospitality and Tourism Management (HTM)

HTM 51092  HOSPITALITY AND TOURISM MANAGEMENT PROFESSIONAL PRACTICUM  3 Credit Hours
(Repeatable for credit) Supervised professional experience in the hospitality and/or tourism industry including operations such as restaurants, hotels, clubs, resorts, theme parks and casinos. Minimum of 405 hours in the field.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HTM 53025  HOSPITALITY MARKETING  3 Credit Hours
Application of marketing principles, practices and theories relevant to hospitality organizations. Internet marketing in hospitality. Case studies drawn from the hospitality industry are incorporated.
Prerequisite: Graduate standing and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 53027  HOSPITALITY HUMAN RESOURCE MANAGEMENT  3 Credit Hours
Application of human resource management principles, practices, theories and legal issues relevant to hospitality organizations. Hospitality management focused case studies and current controversies are incorporated.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 53029  HOSPITALITY FINANCIAL POLICY  3 Credit Hours
Developing financial analysis skills and decision making capabilities for short- and long-term financial management problems in the unique setting of service industries with a specific focus on hospitality organizations, restaurants, clubs and resorts, through case analysis.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 53030  FOOD SERVICE SYSTEMS MANAGEMENT  3 Credit Hours
(Slashed with HEM 43030)(Cross-listed with NUTR 43030 and NUTR 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 53035  HOSPITALITY SERVICE QUALITY MANAGEMENT  3 Credit Hours
Tourism and hospitality are service industries. A significant element in these industries is management of the service encounters which will be the focus this course. In order to provide a comprehensive, inter- and multi-disciplinary view, the course will be constructed in three modules. The first module will present the characteristics and dynamics of the service encounter. The second module will focus on successful service encounters (service quality) and its outcome (customer satisfaction). The third module will present the dynamics of service failure and service recovery. The three modules of this course will provide an opportunity to understand the dynamics of the service encounter, to manage service quality and to learn how to identify service failure and plan for service recovery.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 53040  STRATEGIC HOTEL MANAGEMENT  3 Credit Hours
The hotel manager's role as a strategic thinker is emphasized. Techniques such as co-alignment model, brand strategy, competitor analysis, market research, risk management and finance options are used to develop strategic plans in hotels.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
HTM 53043  HOSPITALITY MEETINGS MANAGEMENT  3 Credit Hours
Exploration of the unique issues associated with managing hospitality meeting and event planning. Emphasis on management of social association and corporate events, weddings, reunions, award banquets, receptions and annual meetings held in hospitality venues requiring food and beverage and/or lodging.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 55047  GLOBAL ISSUES OF TOURISM TRADE  3 Credit Hours
(Slashed with RPTM 45047) An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed.
The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 56000  TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL  3 Credit Hours
(Slashed with RPTM 46000) Investigation of travel and tourism development using an interdisciplinary social science approach.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 61098  RESEARCH IN HOSPITALITY MANAGEMENT  1-15 Credit Hours
(Repeatable for credit) Research for master's-level graduate students. Credit earned may be applied toward meeting degree requirements if school approves.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter

HTM 61099  MASTERS PROJECT IN HOSPITALITY MANAGEMENT  2-6 Credit Hours
(Repeatable for credit) Completion and successful defense of master's project. Master's project students must register for a total of 6 credit hours, 2-6 in a single semester; distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HTM 61299  THESIS II  2 Credit Hours
(Repeatable for credit) Thesis II students must continue registration each semester until all degree requirements are met.
Prerequisite: HTM 61199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HTM 63022  CURRENT ISSUES IN HOSPITALITY AND TOURISM MANAGEMENT  3 Credit Hours
Current research and management issues in hospitality operations are explored through the peer-reviewed and professional literature. Management or revenue topics with implications for hospitality managers are included.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HTM 63091  RESEARCH SEMINAR  1 Credit Hour
(Repeatable for credit) Presentation and discussion of research and projects by students and faculty. 1 credit hour to be applied toward degree requirements.
Prerequisite: Graduate standing.
Corequisite: SPAD 63098 or SPAD 63199 or SPAD 63299 or HTM 61098 or HTM 61199 or HTM 61299.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

HTM 63095  SPECIAL TOPICS IN HOSPITALITY MANAGEMENT  1-3 Credit Hours
(Repeatable for credit) Specialized offering of a major topic within hospitality management.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter
HTM 64099  HOSPITALITY AND TOURISM MANAGEMENT CAPSTONE  
3 Credit Hours  
This capstone course provides a comprehensive view of the business setting of hospitality and tourism organizations. The course includes a review of the competitive business environments, competitive advantage, above-average performance and competitive strategies as they pertain to hospitality and tourism management. The course will highlight current strategic issues in hospitality and tourism management referring to the most recent literature (practitioners’ literature and academic journals). The course concludes with a capstone group case analysis of a business problem in hospitality and, or tourism.  
Prerequisite: HTM 56000 or HTM 53025; and MIS 64005 or RMS 65510; and HTM 63022, HTM 65041 and HTM 65047; and graduate standing.  
Schedule Type: Project or Capstone  
Contact Hours: 3 lecture  
Grade Mode: Satisfactory/Unsatisfactory

HTM 65041  TOURISM AND HOSPITALITY REVIEW  
3 Credit Hours  
Reviews academic tourism and hospitality literature to provide students with a theoretical and empirical understanding of the tourism phenomenon. Issues include tourist motivations; the social, cultural and environmental impacts of tourism; tourism and development; and the impact of hospitality services on tourism.  
Prerequisite: HTM 56000; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

Professional Studies (PROS)  
PROS 40095  SPECIAL TOPICS IN PROFESSIONAL STUDIES  
1-3 Credit Hours  
(Repeatable for credit) Selected topics in Professional Studies dependent upon interest.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter

PROS 40096  INDIVIDUAL INVESTIGATION IN PROFESSIONAL STUDIES  
1-3 Credit Hours  
(Repeatable for credit) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member required prior to registration.  
Prerequisite: Special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter-IP

PROS 44003  SEMINAR IN PROFESSIONAL STUDIES  
3 Credit Hours  
Directed discussion applying concepts from previous educational coursework and internships or prior work experience.  
Prerequisite: Senior standing.  
Schedule Type: Seminar  
Contact Hours: 3 other  
Grade Mode: Standard Letter-IP

PROS 44004  RESEARCH AND WRITINGS IN PROFESSIONAL STUDIES (WIC)  
3 Credit Hours  
This course presents and integrates the role of professionals in the education, health and human services fields as they attempt to meet the needs of individuals in diverse environments.  
Prerequisite: Senior standing; and special approval.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter-IP  
Attributes: Writing Intensive Course

PROS 44005  EXPLORATION AND APPLICATION OF LEADERSHIP SKILLS FOR VARIED PROFESSIONAL SETTINGS  
3 Credit Hours  
Leadership skills, for both personal and professional life, are explored and practiced. Topics include leadership concepts, including important qualities, skills and attributes. Activities, presentations and readings aid in the exploration and practice of those qualities and skills for a variety of career paths.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

PROS 44092  PRACTICUM IN PROFESSIONAL STUDIES (ELR)  
1-12 Credit Hours  
(Repeatable for credit) A culminating experiential learning opportunity near the end of students’ formal academic studies. Students investigate and propose a placement at a work site that is congruent with their career interests and aspirations. Work sites are approved by the practicum advisor. Practicum is often completed in one semester, although two semesters of practicum are also possible.  
Prerequisite: Professional Studies major; and senior standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 3-36 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
Attributes: Experiential Learning Requirement

Recreation, Park, and Tourism Management (RPTM)  
RPTM 16000  FOUNDATIONS OF RECREATION AND LEISURE  
3 Credit Hours  
Historical examination of the park and recreation movement, sociological, economic, psychological and political considerations for the delivery of leisure and recreation services in contemporary society.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RPTM 16001  CAREER EXPLORATION IN RECREATION, PARK, AND TOURISM MANAGEMENT  
1 Credit Hour  
Introduction to career opportunities in Recreation, Park, and Tourism Management. Includes public, non-profit, and commercial settings and site visits.  
Pre/corequisite: RPTM 16000.  
Schedule Type: Lecture  
Contact Hours: 1 lecture  
Grade Mode: Standard Letter
RPTM 26010 COMMUNITY DEVELOPMENT IN RECREATION 3 Credit Hours
Explores the contemporary and historical roles, organization and services of public and non-profit leisure service providers. Includes various theoretical perspectives on community organization and development as well as methods available to the recreation practitioner to facilitate the development of recreation services in communities.
Prerequisite: RPTM 16000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 26030 LEADERSHIP IN RECREATION, PARKS AND TOURISM 3 Credit Hours
Leadership concepts, principles, methods and techniques necessary for facilitating beneficial recreation activities for diverse populations.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 26060 INTRODUCTION TO GLOBAL TOURISM (DIVG) 3 Credit Hours
(Cross-listed with GEOG 22040) Introduction to travel and tourism around the world. Students study tourism technologies and cultural and natural environments as attractions, benefits of travel, travel ethics and sustainable development.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Global

RPTM 26071 MAINTENANCE AND OPERATION OF AREAS AND FACILITIES 3 Credit Hours
A systems approach for the effective maintenance and operation of areas and facilities.
Prerequisite: RPTM 16000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 26081 PRINCIPLES OF OUTDOOR RECREATION 3 Credit Hours
Introduction to outdoor recreation including historical and cultural perspectives, outdoor recreation resources, environmental aspects, trends and management.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 36040 INCLUSION OF PEOPLE WITH DISABILITIES IN LEISURE SERVICES (DIVD) 3 Credit Hours
An examination of attitudes toward people with disabilities, characteristics of various disability groups, the role and responsibility of leisure service providers to be inclusive of all individuals and techniques for adapting programs.
Prerequisite: RPTM 26030.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

RPTM 36050 ENTREPRENEURIAL APPROACHES TO LEISURE AND HOSPITALITY SERVICES 3 Credit Hours
Principles of commercial recreation and tourism services, including entrepreneurship, economic concepts of the for-profit recreation industries and management skills.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 36075 EXPERIENCE DESIGN IN RECREATION, PARK AND TOURISM SETTINGS 3 Credit Hours
Programming leisure experiences within a socio-cultural context, involving understanding and assessing client behavior and needs, proficiency in experience design and implementation, and knowledge of evaluation methods reflective of a service-centered and benefits approach.
Prerequisite: RPTM 16000 and RPTM 26030.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 36081 ADVENTURE EDUCATION 3 Credit Hours
Introduction to adventure education, the history and philosophy, initiatives, ropes courses, adventure curricula and the basics of outdoor leadership and process facilitation.
Prerequisite: RPTM 26030 and RPTM 26081.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 36082 INTERPRETATION OF NATURAL AND CULTURAL RESOURCES 3 Credit Hours
Interpretation is the art of creating intellectual and emotional bonds between people and natural and cultural resources. Interpretation is commonly practiced in parks and other protected areas, zoos, museums and a variety of tourist attractions. This course provides students with the philosophies, concepts and practical techniques necessary to plan and present effective interpretation of natural and cultural resources.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RPTM 36083  ENVIRONMENTAL EDUCATION AND CONSERVATION  3 Credit Hours
Environmental education helps people better understand the natural world and to develop attitudes and behaviors conducive to environmental conservation. Teaches students the foundations, principles and techniques of environmental education thus enabling students to prepare and present effective environmental education programs. Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 36085  LEISURE AND CULTURE (DIVD)  3 Credit Hours
Leisure behaviors and beliefs for people from diverse cultures, factors perpetuating inequity in the United States and strategies for leisure programming in a pluralistic society.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

RPTM 36911  WILDERNESS AND REMOTE FIRST AID FOR PROFESSIONALS AND EDUCATORS  3 Credit Hours
Students build first aid knowledge skills and behaviors through a variety of learning strategies to individually help in an emergency. A key focus is on how to work in limited resource environments or remote environments (i.e., foreign countries, wilderness, air travel). Then students learn and demonstrate how to prepare others, and be a leader during emergencies through practical experiences. Course is taught and assessed in a cognitively, physically, and emotionally stressed manner. This course includes three weekends and include outdoors experiences. Successful completion of the course may result in American Red Cross certification and Instructor status.
Prerequisite: None.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1.5 lecture, 3 lab
Grade Mode: Standard Letter

RPTM 45031  SPORT TOURISM  3 Credit Hours
(Cross-listed with SPAD 45031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 45047  GLOBAL ISSUES OF TOURISM TRADE  3 Credit Hours
(Slashed with HTM 55047) An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46000  TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL  3 Credit Hours
(Cross-listed with GEOG 42040)(Slashed with RPTM 56000) Investigation of travel and tourism development using an interdisciplinary social science approach.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46030  DYNAMICS OF LEISURE BEHAVIOR (WIC)  3 Credit Hours
(Slashed with RPTM 56030) Analysis of leisure behavior through an examination of social-psychological theories and research.
Prerequisite: RPTM 36040 and RPTM 36075.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

RPTM 46050  ADMINISTRATION OF LEISURE SERVICES  3 Credit Hours
(Slashed with RPTM 56050) Administrative practices of private and public leisure service agencies. Organization, philosophy, personnel and fiscal management, public relations and legal concerns are examined.
Prerequisite: RPTM 36040 and RPTM 36075.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46070  PARK PLANNING  3 Credit Hours
(Slashed with RPTM 56070) Understanding the relationship between recreation places and the people who use them. This includes the planning, design and functioning of public and commercial recreation places.
Prerequisite: RPTM 26081.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46091  SEMINAR FOR INTERNSHIP PREPARATION  1 Credit Hour
(Repeatable for credit) Planning and preparation for the internship experience in leisure service settings. Students should register for this course two semesters before enrolling in the internship course.
Prerequisite: Recreation, Park, and Tourism Management (RPTM) major and junior standing.
Schedule Type: Seminar
Contact Hours: 1 lecture
Grade Mode: Satisfactory/Unsatisfactory

RPTM 46092  INTERNSHIP IN RECREATION (ELR)  9 Credit Hours
(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved leisure setting.
Prerequisite: RPTM 46091; and senior standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 30 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement
RPTM 46095  SELECTED TOPICS IN RECREATION  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours)Selected topics dependent upon interest.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46096  INDIVIDUAL INVESTIGATION IN RECREATION  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours)Independent study completed under the supervision of a faculty member. Written approval of the supervising faculty member and school director required prior to registration.
Prerequisite: Junior standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

RPTM 56030  DYNAMICS OF LEISURE BEHAVIOR  3 Credit Hours
(Slashed with RPTM 46030) Analysis of leisure behavior through examination of social-psychological theories and research.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 56060  ADMINISTRATION OF LEISURE SERVICES  3 Credit Hours
(Slashed with RPTM 46060) Administrative practices of private and public leisure service agencies. Organization, philosophy, personnel and fiscal management, public relations and legal concerns are examined.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 56070  PARK PLANNING  3 Credit Hours
(Slashed with RPTM 46070) Understanding the relationship between recreation places and the people who use them. This includes the planning, design and functioning of public and commercial recreation places.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 65047  GLOBAL ISSUES OF TOURISM TRADE  3 Credit Hours
An examination of international and intercultural changes due to travel and tourism, particularly in economic, social and environmental areas. The studies include theories and cases and form the basis upon which a sustainable tourism policy is developed. The goal of the course is to prepare students for a leadership role in tourism policy making. The course has an emphasis on reading and discussion.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 65061  PHILOSOPHICAL AND SOCIAL BASES OF LEISURE AND SPORT  3 Credit Hours
(Slashed with RPTM 75061) Overview of philosophical and social foundations of leisure and sport. Contemporary theories and perspectives are examined.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 75061  PHILOSOPHICAL AND SOCIAL BASES OF LEISURE AND SPORT  3 Credit Hours
(Slashed with RPTM 65061) Overview of philosophical and social foundations of leisure and sport. Contemporary theories and perspectives are examined.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Research, Measurement and Statistics (RMS)

RMS 45610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with RMS 55610 and RMS 75610) Instruction on contemporary and classic theories and issues in classroom assessment. Students learn about the purposes and strengths of informal and formal, traditional and alternative approaches to classroom assessment. Students examine both selected response assessments and constructed response assessments, develop assessment frameworks, identify alternative models of assessments, evaluate best practices in classroom assessment, and discuss respective advantages and disadvantages of multiple kinds of assessments.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 50093  VARIABLE TOPIC WORKSHOP EVALUATION AND MEASUREMENT  1-4 Credit Hours
(Repeatable once for a maximum of 6 credit hours) (Slashed with RMS 70093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

RMS 55610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with RMS 45610 and RMS 75610) Instruction on contemporary and classic theories on and issues in classroom assessment. Students will learn about the purposes and strengths of informal and formal, traditional and alternative approaches to classroom assessment. Students will examine both selected response assessments and constructed response assessments, develop assessment frameworks, identify alternative models of assessments, evaluate best practices in classroom assessment, and discuss respective advantages and disadvantages of multiple kinds of assessments.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RMS 60199 THESIS I 2-6 Credit Hours
Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: RMS 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 65510 STATISTICS I FOR EDUCATIONAL SERVICES 3 Credit Hours
(Slashed with RMS 75510) Introduction to descriptive and inferential statistics used in educational services research: univariate and bivariate techniques (correlations and simple regression); hypothesis testing; non-parametric techniques. Ordinarily taken in graduate course sequence.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 65511 RESEARCH IN EDUCATIONAL SERVICES 3 Credit Hours
Introduction to purposes and practice of qualitative and quantitative research related to educational services. Emphasis on elements of doing research and using products of research to support and enhance practice. Authentic examples used as illustration.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 65515 QUANTITATIVE RESEARCH DESIGN AND ANALYSIS 3 Credit Hours
(Slashed with RMS 85515) Introduction to quantitative research design and analysis in the social sciences. Students are introduced to various concerns and issues that arise in conducting quantitative research, as well as various quantitative research designs, including experimental, quasi-experimental, and non-experimental research approaches. Students will also learn to critically examine quantitative research reports in terms of reliability and validity. Additionally, students will be introduced to analysis of variance (ANOVA) procedures for analyzing quantitative research designs.
Prerequisite: RMS 65510; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 65516 QUALITATIVE RESEARCH DESIGN 3 Credit Hours
(Slashed with RMS 85516) Introduction to qualitative research approaches, design, and methods. Students learn about the theoretical underpinnings, nature, characteristics, and methods of qualitative research. Students are introduced to several types of qualitative research designs. They learn to engage in critical reading of qualitative research reports. Students also learn to design qualitative research studies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 65522 BASICS OF QUALITATIVE INTERVIEWING 1 Credit Hour
(Slashed with RMS 75522) Specialized interviewing methods and techniques prior to engaging in qualitative research.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

RMS 65530 PRACTITIONER INQUIRY 3 Credit Hours
(Slashed with RMS 85530) This course prepares students to engage in practitioner research. It provides an overview of the history, theoretical, ethical, and practical issues related to engaging in practitioner work in a variety of fields. Research design, data collection and analysis are explored and practiced. Students will critique practitioner research and design their own practitioner research study.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 65533 INTRODUCTION TO NARRATIVE INQUIRY AND ANALYSIS 1 Credit Hour
(Slashed with RMS 75533) This course will introduce students to the “rapidly maturing” methodology, providing a foundational exploration of narrative techniques, the craft of good academic writing, and a practice of narrative analysis.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

RMS 68710 INTRODUCTION TO MEASUREMENT 3 Credit Hours
(Slashed with RMS 78710) This course provides an introduction to the field of measurement/psychometrics. The theoretical foundations are those of Classical Test Theory, Reliability and the calculation of reliability indices, Validity and the meaning and types of evidence for Validity, methods of scale construction and test bias.
Prerequisite: RMS 65510; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 68711 MODERN TEST THEORY: ITEM RESPONSE THEORY 3 Credit Hours
(Slashed with RMS 78711) The primary objective of the course is to provide students with knowledge and skills necessary to use item response theory methods and to organize, manipulate, analyze and interpret data from IRT applications. Some of the popular IRT computer programs are introduced.
Prerequisite: RMS 65510; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
### RMS 68713 MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH
3 Credit Hours  
(Slashed with RMS 78713) Objectives are to enable students to select and use multivariate methods appropriately, to develop knowledge and skills necessary to conduct multivariate analyses using various statistical packages (SPSS, SAS) and to develop knowledge and skills necessary for interpreting results of multivariate analysis.  
**Prerequisite:** RMS 65510; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68714 FACTOR ANALYSIS IN EDUCATIONAL RESEARCH
3 Credit Hours  
(Slashed with RMS 78714) This course develops the ability of students to conceptualize and apply the logic and techniques of factor analysis. The focus is on both exploratory and confirmatory procedures.  
**Prerequisite:** RMS 65510; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68715 SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION
3 Credit Hours  
(Slashed with RMS 78715) Designed to be an introduction to survey design including the use of online survey applications data collection and will focus on applied quantitative research using SPSS. Open to any graduate students with appropriate prerequisite courses and an interest in applied quantitative research. The project-based course has two major components: survey construction and applied research. Students will perform tasks typically requested of data analysts, institutional researchers, and program evaluators including but not limited to SPSS data management, data transformations, descriptive and inferential analysis, and interpretation of results.  
**Prerequisite:** RMS 65510; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68716 STATISTICS II: ANOVA AND NONPARAMETRIC TESTS
3 Credit Hours  
The primary objective of the course is to develop students’ understanding of statistical concepts and procedures sufficient for both conducting appropriate statistical analysis and interpreting the results. Authentic research examples are used throughout the course as illustrations of the different methods of conducting statistical analyses for the social sciences. This course is designed to lead students to become informed consumers of intermediate level statistical analyses, specifically analysis of variance (ANOVA) procedures, used in the social sciences.  
**Prerequisite:** RMS 65510; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68717 SEMINAR IN EVALUATION AND MEASUREMENT
1-5 Credit Hours  
(Repeatable for credit) Variable topic seminar for advanced study of specialized topics and areas in evaluation and measurement; emphasis on theory and research findings as related to educational practice.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Seminar  
**Contact Hours:** 1-5 other  
**Grade Mode:** Standard Letter

### RMS 65510; and graduate standing.

### RMS 68728 MULTIPLE REGRESSION
3 Credit Hours  
(Slashed with RMS 78728) The purpose of this course is to develop an understanding of use of multiple regression in the social sciences and related issues, including examining assumptions, diagnosis of outliers and influential data points, determining statistical power, testing for moderation and mediation, etc. The course begins with an introduction to simple models with two predictor variables, and continues to more advanced models, including those with three or more variables, categorical predictors, interactions, non-linear models, and logistic regression.  
**Prerequisite:** RMS 65510; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68735 STRUCTURAL EQUATION MODELING
3 Credit Hours  
(Slashed with RMS 78735) The purpose of this course is to develop an understanding of the basic concepts of structural equation modeling and the use of path analysis, confirmatory factor analysis, bi-factor and second-order CFA, multitrait-multimethod analysis, multiple sample-multiple group SEM, latent class model, and latent growth modeling covered under the theoretical framework of structural equation modeling. The course familiarizes students with these methods in order to (a) critique a research study with respect to the statistical analysis, and (b) select an appropriate model and be able to apply it.  
**Prerequisite:** RMS 65510 and RMS 68728; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68745 HIERARCHICAL LINEAR MODELING
3 Credit Hours  
(Slashed with RMS 78745) This course introduces methods for the analysis of multilevel data and emphasizes practical, hands-on development, analysis and interpretation of hierarchical linear models. Applications will be drawn from education, psychology, other social sciences, and health-related disciplines. Topic coverage includes development of multilevel models, estimation, hypothesis testing, statistical inference, model assessment and residual diagnostics, centering options and impact, treatment of heterogeneity, and introduction to longitudinal analysis via multilevel models.  
**Prerequisite:** RMS 65510 and RMS 68728; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter

### RMS 68791 SEMINAR IN EVALUATION AND MEASUREMENT
1-5 Credit Hours  
(Repeatable for credit) Variable topic seminar for advance study of specialized topics and areas in evaluation and measurement; emphasis on theory and research findings as related to educational practice.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Seminar  
**Contact Hours:** 1-5 other  
**Grade Mode:** Standard Letter

### RMS 68795 SPECIAL TOPICS IN EVALUATION AND MEASUREMENT
1-3 Credit Hours  
(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Lecture  
**Contact Hours:** 1-3 lecture  
**Grade Mode:** Standard Letter
RMS 68796  INDIVIDUAL INVESTIGATION IN EVALUATION AND
MEASUREMENT  1-3 Credit Hours
(Repeatable for credit) Specific topic course offering in response to
emerging student or program needs in evaluation and measurement.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 68798  RESEARCH IN EVALUATION AND MEASUREMENT  1-15
Credit Hours
(Repeatable for credit) Students pursue an individual research project on
a specific topic in evaluation and measurement with approval and under
direction of instructor.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 68806  HIGHER EDUCATION DATA AND INSTITUTIONAL
RESEARCH  3 Credit Hours
(Slashed with RMS 78806) This course is designed to be an overview of
institutional research function and practice, introducing students to the
purpose and history of IR, IR terminology and metrics, and IR application
to a variety of university areas. The target audiences for this course are:
1) students with an evaluation and measurement background who are
interested in applying their skills in a higher education context and 2)
students from a higher education and or student affairs background who
are looking to better understand higher education data and the applied
research that occurs within an institution.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 68807  PROGRAM EVALUATION  3 Credit Hours
(Repeatable for credit) Study of principles and techniques of
evaluation and measurement, and utilization of evidence to improve
teaching, learning and implementation programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 70093  VARIABLE TOPIC WORKSHOP IN EVALUATION AND
MEASUREMENT  1-4 Credit Hours
(Repeatable for credit) Offered on request of school system. Enrollment limited to teachers, administrators or
supervisors who are employed in sponsoring system and who are
accepted to the university.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

RMS 75510  STATISTICS I FOR EDUCATIONAL SERVICES  3 Credit Hours
(Repeatable for credit) Introduction to descriptive and inferential
statistics used in educational services research: univariate and bivariate
techniques (correlations and simple regression); hypothesis testing; non-
parametric techniques. Ordinarily taken in graduate course sequence.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 75522  BASICS OF QUALITATIVE INTERVIEWING  1 Credit Hour
(Slashed with RMS 65522) Specialized interviewing methods and
techniques prior to engaging in qualitative research.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

RMS 75533  INTRODUCTION TO NARRATIVE INQUIRY AND ANALYSIS  1 Credit Hour
(Slashed with RMS 65533) This course will introduce students to the
“rapidly maturing” methodology, providing a foundational exploration of
narrative techniques, the craft of good academic writing, and a practice of
narrative analysis.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter-IP

RMS 75550  INTRODUCTION TO QUANTITATIVE RESEARCH IN
EDUCATION  3 Credit Hours
This course provides an introduction to the purposes, practices, and
applications of quantitative research in the field of education. The course
focuses on foundational knowledge related to the methods used for
cconducting quantitative research, evaluating quantitative research,
and using products of research to support and enhance practice.
Authentic examples are used as illustrations throughout the course. The
course is designed to allow students to become informed consumers of
quantitative research in education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 75610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with RMS 45610 and RMS 55610) Instruction on contemporary
and classic theories and issues in classroom assessment. Students will
learn about the purposes and strengths of informal and formal, traditional
and alternative approaches to classroom assessment. Students
will examine both selected response assessments and constructed
response assessments, develop assessment frameworks, identify
alternative models of assessments, evaluate best practices in classroom
assessment, and discuss respective advantages and disadvantages of
multiple kinds of assessments.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78710  INTRODUCTION TO MEASUREMENT  3 Credit Hours
(Slashed with RMS 68710) This course provides an introduction to
the field of measurement/psychometrics. The theoretical foundations
are those of Classical Test Theory and construct-based measure
development. Some general topics include Classical Test Theory,
Reliability and the calculation of reliability indices, Validity and
the meaning and types of evidence for Validity, methods of scale
construction and test bias.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RMS 78711 MODERN TEST THEORY: ITEM RESPONSE THEORY 3 Credit Hours
(Slashed with RMS 68711) The primary objective of the course is to provide students with knowledge and skills necessary to use item response theory methods and to organize, manipulate, analyze and interpret data from IRT applications. Some of the popular IRT computer programs are introduced.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78713 MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH 3 Credit Hours
(Slashed with RMS 68713) Objectives are to enable students to select and use multivariate methods appropriately, to develop knowledge and skills necessary to conduct multivariate analyses using various statistical packages (SPSS, SAS) and to develop knowledge and skills necessary for interpreting results of multivariate analysis.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78714 FACTOR ANALYSIS IN EDUCATIONAL RESEARCH 3 Credit Hours
(Slashed with RMS 68714) This course develops the ability of students to conceptualize and apply the logic and techniques of factor analysis. The focus is on both exploratory and confirmatory procedures.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78715 SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION 3 Credit Hours
(Slashed with RMS 68715) Designed to be an introduction to survey design including the use of online survey applications data collection and will focus on applied quantitative research using SPSS. Open to any graduate students with appropriate prerequisite courses and an interest in applied quantitative research. The project-based course has two major components: survey construction and applied research. Students will perform tasks typically requested of data analysts, institutional researchers, and program evaluators including but not limited to SPSS data management, data transformations, descriptive and inferential analysis, and interpretation of results.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78716 STATISTICS II: ANOVA AND NONPARAMETRIC TESTS 3 Credit Hours
(Slashed with RMS 68716) The primary objective of the course is to develop students’ understanding of statistical concepts and procedures sufficient for both conducting appropriate statistical analysis and interpreting the results. Authentic research examples are used throughout the course as illustrations of the different methods of conducting statistical analyses for the social sciences. This course is designed to lead students to become informed consumers of intermediate level statistical analyses, specifically analysis of variance (ANOVA) procedures, used in the social sciences.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78728 MULTIPLE REGRESSION 3 Credit Hours
(Slashed with RMS 68728) The purpose of this course is to develop an understanding of use of multiple regression in the social sciences and related issues, including examining assumptions, diagnosis of outliers and influential data points, determining statistical power, testing for moderation and mediation, etc. The course begins with an introduction to simple models with two predictor variables, and continues to more advanced models, including those with three or more variables, categorical predictors, interactions, non-linear models, and logistic regression.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78735 STRUCTURAL EQUATION MODELING 3 Credit Hours
(Slashed with RMS 68735) The purpose of this course is to develop an understanding of the basic concepts of structural equation modeling and the use of path analysis, confirmatory factor analysis, bi-factor and second-order CFA, multitrait-multimethod analysis, multiple sample and multiple group SEM, latent class model, and latent growth modeling covered under the theoretical framework of structural equation modeling. The course familiarizes students with these methods in order to (a) critique a research study with respect to the statistical analysis, and (b) select an appropriate model and be able to apply it.
Prerequisite: RMS 75510 and RMS 78728; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78745 HIERARCHICAL LINEAR MODELING 3 Credit Hours
(Slashed with RMS 68745) This course introduces methods for the analysis of multilevel data and emphasizes practical, hands-on development, analysis and interpretation of hierarchical linear models. Applications will be drawn from education, psychology, other social sciences, and health-related disciplines. Topic coverage includes development of multilevel models, estimation, hypothesis testing, statistical inference, model assessment and residual diagnostics, centering options and impact, treatment of heterogeneity, and introduction to longitudinal analysis via multilevel models.
Prerequisite: RMS 75510 and RMS 78728; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RMS 78806  HIGHER EDUCATION DATA AND INSTITUTIONAL RESEARCH  3 Credit Hours
(Slashed with RMS 68806) This course is designed to be an overview of institutional research function and practice, introducing students to the purpose and history of IR, IR terminology and metrics, and IR application to a variety of university areas. The target audiences for this course are: 1) students with an evaluation and measurement background who are interested in applying their skills in a higher education context and 2) students from a higher education and or student affairs background who are looking to better understand higher education data and the applied research that occurs within an institution.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78807  PROGRAM EVALUATION  3 Credit Hours
(Slashed with RMS 68807) Study of principles and techniques of evaluation and measurement, and utilization of evidence to improve teaching, learning and implementation programs.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 78898  COMPARATIVE RESEARCH DESIGN  3 Credit Hours
(Repeatable for credit)The course develops the ability of the student to conceptualize the design elements of educational research and to write results of studies.
Prerequisite: Doctoral standing.
Schedule Type: Research
Contact Hours: 3 other
Grade Mode: Standard Letter

RMS 80090  DOCTORAL RESIDENCY SEMINAR  3 Credit Hours
Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

RMS 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: RMS 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 85515  QUANTITATIVE RESEARCH DESIGN AND ANALYSIS  3 Credit Hours
(Slashed with RMS 65515) Introduction to quantitative research design and analysis in the social sciences. Students are introduced to various concerns and issues that arise in conducting quantitative research, as well as various quantitative research designs, including experimental, quasi-experimental, and non-experimental research approaches. Students will also learn to critically examine quantitative research reports in terms of reliability and validity. Additionally, students will be introduced to analysis of variance (ANOVA) procedures for analyzing quantitative research designs.
Prerequisite: RMS 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 85516  QUALITATIVE RESEARCH DESIGN  3 Credit Hours
(Slashed with RMS 65516) Introduction to qualitative research approaches, design, and methods. Students learn about the theoretical underpinnings, nature, characteristics, and methods of qualitative research. Students are introduced to several types of qualitative research designs. They learn to engage in critical reading of qualitative research reports. Students also learn to design qualitative research studies.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 85517  ADVANCED QUANTITATIVE RESEARCH IN EDUCATIONAL SERVICES  3 Credit Hours
Advanced quantitative research design and application in educational services. Statistical packages of instructional strategies with methodological principles focus, theoretical models and practical application of experimental and multivariate research design.
Prerequisite: RMS 85515; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 85518  ADVANCED QUALITATIVE RESEARCH IN EDUCATIONAL SERVICES  3 Credit Hours
Utilizes qualitative data in educational services. Applications in qualitative methodology (video techniques) and protocol analysis are applied and evaluated. Generate findings; develop applications to theory; reliability and validity considerations.
Prerequisite: RMS 85516; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RMS 85520  MIXED METHODS RESEARCH  3 Credit Hours
This course provides an overview of theoretical and practical issues pertaining to mixed methods research in educational settings. This overview includes the history and philosophy of mixed methods research, types of mixed methods designs, and various strategies for mixed methods data collection and analysis. Course outcomes include the development of a rationale for mixed methods approaches, critique of published mixed methods educational research, and the design and preliminary implementation of a mixed methods research project.
Prerequisite: RMS 85515 and RMS 85516; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RMS 88791  SEMINAR: EVALUATION AND MEASUREMENT    1-5 Credit Hours
(Repeatable for credit) Variable topic seminar for advance study of specialized topics and areas in evaluation and measurement; emphasis on theory and research findings as related to educational practice.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-5 other
Grade Mode: Standard Letter

RMS 88795  SPECIAL TOPICS: EVALUATION AND MEASUREMENT    1-3 Credit Hours
(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

RMS 88796  INDIVIDUAL INVESTIGATION IN EVALUATION AND MEASUREMENT    1-3 Credit Hours
(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in evaluation and measurement.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RMS 88798  RESEARCH IN EVALUATION AND MEASUREMENT    1-15 Credit Hours
(Repeatable for credit) Students pursue an individual research project on a specific topic in evaluation and measurement of education with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

Sports Administration (SPAD)

SPAD 15000  INTRODUCTION TO SPORT ADMINISTRATION    3 Credit Hours
This course is designed to introduce students to the field of sport administration. Students will be made aware of the career options available to them in the sport management profession. All course materials, assignments and class discussions will emphasize both the understanding and application of key concepts across various aspects of the sport industry. Students will also be introduced to the sport administration major curriculum and requirements. Recommend first course in the sport administration program sequences.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 25000  SPORT IN SOCIETY (DIVD)    3 Credit Hours
Analysis of how sport relates to the social relations and cultural values of United States society. The course is framed by a critical evaluative perspective, examining how social class, ethnicity, race and gender relations contour sport practices.
Prerequisite: Sophomore standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

SPAD 25092  PRACTICUM I IN SPORT ADMINISTRATION (ELR)    1-3 Credit Hours
(Repeatable for credit) A 105-hour (per credit) field experience in a sport administration setting.
Prerequisite: None.
Schedule Type: Practical Experience
Contact Hours: 7-21 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement
SPAD 25192 PRACTICUM IN PROFESSIONAL GOLF MANAGEMENT I (ELR) 1-3 Credit Hours
(Repeatable for a maximum of 3 credit hours) A cumulative 105-hour (per credit) on-campus seminar and field experience in a professional golf management setting.
Prerequisite: SPAD 15015; and special approval.
Schedule Type: Practical Experience
Contact Hours: 7-21 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 35021 GOVERNANCE IN SPORT 3 Credit Hours
Issues of governance in amateur and professional sports.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 35025 FACILITY MANAGEMENT 3 Credit Hours
Overview of planning, staffing, marketing and managing sport facilities and complexes. The primary emphasis in this course is on management, personnel and operations issues.
Prerequisite: Junior; or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 35065 HISTORY AND PHILOSOPHY OF SPORT AND PHYSICAL ACTIVITY (WIC) 3 Credit Hours
Historical and philosophical foundations of sport and physical education; a study of factors influencing pedagogical, curricular and evaluation decisions in sport and physical education programs today.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

SPAD 35092 PRACTICUM II IN SPORT ADMINISTRATION (ELR) 1-3 Credit Hours
(Repeatable for credit) A 105-hour (per credit) field experience in a sport management setting.
Prerequisite: SPAD 25092.
Schedule Type: Practical Experience
Contact Hours: 7-21 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 35192 PRACTICUM IN PROFESSIONAL GOLF MANAGEMENT II (ELR) 1-3 Credit Hours
(Repeatable for a maximum of 3 credit hours) A cumulative 105-hour (per credit) on-campus seminar and field experience in a professional golf management setting.
Prerequisite: SPAD 15015 and SPAD 25192; and special approval.
Schedule Type: Practical Experience
Contact Hours: 7-21 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 43018 ETHICS IN SPORT 3 Credit Hours
(Slashed with SPAD 53018 and SPAD 73018) Examination of selected situations in sport from an ethical reasoning perspective. Students undertake a problem-oriented case study approach that is based upon contemporary moral issues and moral theory.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45020 ORGANIZATION, ADMINISTRATION AND LEADERSHIP IN SPORT 3 Credit Hours
Leadership is crucial in the sport industry. This course presents a wide array of topics pertinent to leadership and administration in sport that will give students a better understanding of how to lead, serve and motivate the various constituent groups within the sport industry.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45022 EVENT PLANNING AND PRODUCTION 3 Credit Hours
(Slashed with SPAD 55022) Students learn the proper planning process that all sport events undergo. Students apply these concepts in actual events that they develop and hold.
Prerequisite: MKTG 25010; and junior or senior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

SPAD 45023 SPORT MARKETING 3 Credit Hours
The course, which is designed around market planning, examines how to formulate market ideas, incorporate market research, select segmentation, targeting and positioning strategies, implement sales and promotion strategies and assess control procedures within the sport and entertainment industry.
Prerequisite: MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45024 SPORT IN GLOBAL PERSPECTIVE 3 Credit Hours
(Slashed with SPAD 55024) Students critically analyze how sport relates to general features of globalization and provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global interdependencies that bind human beings together.
Prerequisite: Senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45026 SPORT AND THE MEDIA 3 Credit Hours
(Slashed with SPAD 55026) Course offers an introduction to current scholarship and issues concerning sport and the media, including critical analysis of media representations with attention to gender, race, sexuality and disability; an examination of the structure of sports journalism and production; and an analysis of the role of mediated sport in culture more generally. The roles of institutions, producers, texts and audiences and their relationships to each other are examined.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPAD 45027  PUBLIC RELATIONS AND PROMOTION IN SPORT  3 Credit Hours
Issues in public relations and promotion of sport such as advertising, crisis management, sales promotion and atmospherics.
Prerequisite: MKTG 25010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45029  HISTORY AND CURRENT ISSUES IN COLLEGIATE ATHLETICS  3 Credit Hours
(Slashed with SPAD 55029) Examination of the historical development of athletics within American institutions of higher learning, with an emphasis upon concepts and ideals that underlie the developments and the major problems affecting contemporary intercollegiate athletics.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45030  SPORT ENTERPRISE (WIC)  3 Credit Hours
This is a capstone course for sport administration majors. The course which is designed around business planning for sport, examines how to formulate business ideas, select a legal form of organization, locate financing sources, assess the market, develop a human resource management system and establish budget control.
Prerequisite: Senior standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

SPAD 45031  SPORT TOURISM  3 Credit Hours
(Cross-listed with RPTM 45031) (Slashed with SPAD 55031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45032  SALES MANAGEMENT IN SPORT AND ENTERTAINMENT  3 Credit Hours
(Slashed with SPAD 55032) Students are introduced to the area of salesforce management in sport and entertainment. Historical, theoretical and conceptual frameworks are examined thoroughly, as well as functions, activities and skills of the professional salesperson in the age of information and technology.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45033  CHANGE YOUR MIND, GAME AND LIFE  1 Credit Hour
(Slashed with SPAD 55033) Course focuses students on mental training to enhance sport performance and have personal growth experiences. Course assists students to tap into their inner potential by refocusing their mind, to learn they are responsible for their own life experiences, to learn that the things they want most in their lives are found within themselves and to take responsibility for their upsets.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPAD 45034  ESPORT MANAGEMENT  3 Credit Hours
(Slashed with SPAD 55034) Students will learn about the esports industry, its consumer and constituents. Also, students will investigate the steps and components necessary to manage esports teams and esports events.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45035  SPORTS WAGERING  3 Credit Hours
(Slashed with SPAD 55035) This course investigates the sports wagering industry. Students will learn about the different forms of wagering, the statutes and cases impacting sports wagering as well as impact on society of increased access to sports wagering.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45036  SOCIAL PSYCHOLOGY OF SPORT  3 Credit Hours
(Slashed with SPAD 55050 and SPAD 75050) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45050  MANAGEMENT OF SPORT AND ENTERTAINMENT  3 Credit Hours
(Slashed with SPAD 55030) Student will learn the management of sport and entertainment settings. Students will have the opportunity to learn the major problems surrounding the management of major sporting events.
Prerequisite: Minimum 2.500 overall GPA; Senior standing and special approval.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

SPAD 45091  SEMINAR FOR INTERNSHIP PREPARATION  1 Credit Hour
(Repeatable for credit) This course prepares the students for the internship experience in sport administration. Students must successfully complete this course prior to registering for internship.
Prerequisite: Minimum 2.500 overall GPA; Senior standing and special approval.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

SPAD 45092  INTERNSHIP IN SPORT ADMINISTRATION (ELR)  3-12 Credit Hours
(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved sport management setting. 50 contact hours per credit hour.
Prerequisite: SPAD 35092 and SPAD 45091; minimum 2.500 overall GPA; and special approval.
Schedule Type: Practical Experience
Contact Hours: 10-40 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement
SPAD 45096  INDIVIDUAL INVESTIGATION IN SPORT ADMINISTRATION
1-3 Credit Hours
(Repeatable for a maximum of 12 credit hours) Individual investigation in sport administration. Faculty approval is required.
Prerequisite: Sport administration major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter-IP

SPAD 45192  INTERNSHIP IN PROFESSIONAL GOLF MANAGEMENT
(ELR)  2-12 Credit Hours
(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved sport administration, professional golf management setting. 100 contact hours per credit hour with seminar interactive requirements.
Prerequisite: SPAD 15015 and SPAD 25192; and special approval.
Schedule Type: Practical Experience
Contact Hours: 13-80 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 46028  SPORT IN FILM  3 Credit Hours
(Slashed with SPAD 56028) Critically evaluates the role of sport in film as it relates to a variety of issues in society.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 46080  LEGAL ISSUES IN SPORT AND RECREATION  3 Credit Hours
(Slashed with SPAD 56080) A discussion of legal issues as they apply to the sport and recreation industries.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 46095  SPECIAL TOPICS IN SPORT ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) Special topics in Sport Administration.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SPAD 50020  HIGH PERFORMANCE ATHLETES IN SPORT  3 Credit Hours
(Slashed with SEPP 40020) This course provides an understanding of various aspects of training, coaching, and best practices in working with athletes in a high-performance environment along with an emphasis on the social-psychological factors related to the successful performance of elite level athletes and teams.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 50221  EXERCISE PSYCHOLOGY  3 Credit Hours
(Slashed with SEPP 40221) This course is designed to examine the science and practice of exercise psychology from both a theoretical and applied perspective. Students will be engaged in a comprehensive inquiry into behaviors and lifestyles that influence physical and mental health from physical activity, exercise, and psychological lenses. Students will explore topics such as stress, anxiety, cognitive functioning, mood, body image, personality, emotion, and childhood inactivity/obesity as they relate to exercise behaviors and contexts. Students will gain a general understanding of issues in exercise psychology related to theory, practice, and research. In addition, students will develop practical skills to promote exercise adherence and create an exercise intervention program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture

SPAD 53018  ETHICS IN SPORT  3 Credit Hours
(Slashed with SPAD 43018 and SPAD 73018) Examination of selected situations in sport from an ethical reasoning perspective. Students undertake a problem-oriented case study approach that is based upon contemporary moral issues and moral theory.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 55093  VARIABLE TITLE WORKSHOP IN SPORT ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) Topics vary in sport studies. Maximum 4 credit hours may be applied to degree.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

SPAD 55007  PRINCIPLES AND APPLICATION OF SPORT PSYCHOLOGY  3 Credit Hours
(Slashed with SEPP 45007) This course encompasses the most current developments in the field of psychology with a strong foundation of the principles of human behavior in the sport and movement sciences. It incorporates sound practical theory with a focus on the application of that knowledge to be readily used by students in a range of sport and movement science careers; such as athletic training, coaching, sport management, consulting, physical education teachers and related areas with the goal to improve the sport performance and experience for all.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture

SPAD 55022  EVENT PLANNING AND PRODUCTION  3 Credit Hours
(Slashed with SPAD 45022) Students learn the proper planning process that all sport events undergo. Students apply these concepts in actual events that they develop and hold.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
SPAD 55024  SPORT IN GLOBAL PERSPECTIVE  3 Credit Hours  (Slashed with SPAD 45024) Students critically analyze how sport relates to general features of globalization and provide insight into the connection between global and local politics (including ethnic, religious, gender, environmental and sociospatial politics). The underlying assumption is that sport is part of a growing network of global interdependencies that bind human beings together.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55026  SPORT AND THE MEDIA  3 Credit Hours  (Slashed with SPAD 45026) Course offers an introduction to current scholarship and issues concerning sport and the media, including critical analysis of media representations with attention to gender, race, sexuality and disability; an examination of the structure of sports journalism and production; and an analysis of the role of mediated sport in culture more generally. The roles of institutions, producers, texts and audiences and their relationships to each other are examined.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55029  HISTORY AND CURRENT ISSUES IN COLLEGIATE ATHLETICS  3 Credit Hours  (Slashed with SPAD 45029) Examination of the historical development of athletics within American institutions of higher learning, with an emphasis upon concepts and ideals that underlie the developments and the major problems affecting contemporary intercollegiate athletics.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55031  SPORT TOURISM  3 Credit Hours  (Cross-listed with RPTM 45031) (Slashed with SPAD 45031) Course incorporates both theoretical learning of travel for sports as a global phenomenon and application of such knowledge in hosting a sporting event with travel as the focus. The experiential, cultural and economic aspects of sport tourism are examined. Students demonstrate their ability to prepare a sport tourism plan upon the completion of the course.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55032  SALES MANAGEMENT IN SPORT AND ENTERTAINMENT  3 Credit Hours  (Slashed with SPAD 45032) Students are introduced to the area of sales-force management in sport and entertainment. Historical, theoretical and conceptual frameworks are examined thoroughly, as well as functions, activities and skills of the professional salesperson in the age of information and technology.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55033  CHANGE YOUR MIND, GAME AND LIFE  1 Credit Hour  (Slashed with SPAD 45033) Course focuses students on mental training to enhance sport performance and have personal growth experiences. Course assists students to tap into their inner potential by refocusing their mind, to learn they are responsible for their own life experiences, to learn that the things they want most in their lives are found within themselves and to take responsibility for their upsets.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 1 lecture  
Grade Mode: Standard Letter

SPAD 55034  ESPORT MANAGEMENT  3 Credit Hours  (Slashed with SPAD 45034) Students will learn about the esport industry, its consumer and constituents. Also, students will investigate the steps and components necessary to manage esport teams and esport events.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55035  SPORTS WAGERING  3 Credit Hours  (Slashed with SPAD 45035) This course investigates the sports wagering industry. Students will learn about the different forms of wagering, the statutes and cases impacting sports wagering as well as impact on society of increased access to sports wagering. Prerequisite: Graduate Standing  
Schedule Type: Lecture  
Contact Hours: 3 lecture, 0 lab, 0 other  
Grade Mode: Standard Letter

SPAD 55050  SOCIAL PSYCHOLOGY OF SPORT  3 Credit Hours  (Slashed with SPAD 45050 and SPAD 75050) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 55300  MOTIVATION IN SPORT, PERFORMANCE, AND MOVEMENT SETTINGS  3 Credit Hours  (Slashed with SEPP 45300) This course provides an in-depth and wide-ranging look at motivational theories and its application to sport, performance and physical activity. It combines the many theoretical concepts of the diverse frameworks and principles with a survey of motivational interventions performed in the sport domain. Students will leave the class with a rigorous and comprehensive knowledge of constructs, cutting-edge research, effective interventions and future outlook of motivation in sport.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPAD 56028  SPORT IN FILM  3 Credit Hours  (Slashed with SPAD 46028) Critically evaluates the role of sport in film as it relates to a variety of issues in society.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
SPAD 56030  DYNAMICS OF LEISURE BEHAVIOR  3 Credit Hours
(Cross-listed with RPTM 46030) Analysis of leisure behavior through examination of social-psychological theories and research.
Prerequisite: RPTM 36040 and RPTM 36075; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 56080  LEGAL ISSUES IN SPORT AND RECREATION  3 Credit Hours
(Slashed with SPAD 46080) A discussion of legal issues as they apply to the sport and recreation industries.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 58225  SPORT PERFORMANCE PSYCHOLOGICAL INTERVENTIONS  3 Credit Hours
(Slashed with SEPP 48225) This course combines the theoretical concepts of sport and performance psychology with applied skill development to enhance performance. Students will gain knowledge of psychological skills training, learn techniques and develop confidence in their skills to work with athletes and performers. The focus of this course in on both, educational psychological interventions for personal development as well as teaching athletes strategies to enhance mental skill. Learning will be done hands-on, via case studies or scenario-based activities. Through the course of this class this course, students will create and present their individual program for an athlete or performer. This course will include learning and understanding the APA/AASP ethics’ code to develop awareness of the boundaries of ethical conduct of the profession.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 63091  RESEARCH SEMINAR  1 Credit Hour
(Slashed with SPAD 73091) Presentation and discussion of research by faculty and students. Maximum 2 credit hours may be applied toward degree requirements.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

SPAD 63096  INDIVIDUAL INVESTIGATION IN SPORT ADMINISTRATION  1-3 Credit Hours
(Repeatable for maximum 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter-IP

SPAD 63195  SPECIAL TOPICS IN SPORT ADMINISTRATION  1-3 Credit Hours
(Repeatable for credit) Selected and varied topics of relevance in sport administration.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SPAD 63199  THESIS I  2-6 Credit Hours
(Repeatable for credit) Highly-individualized investigative study resulting in developing and writing a scholarly, comprehensive paper. Thesis students must register for a total of 6 credit hours, 2 to 6 credit hours in a semester distributed over several semesters if desired.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 6-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPAD 65006  CONTEMPORARY ISSUES IN SPORT MANAGEMENT  3 Credit Hours
(Slashed with SPAD 75006) A comprehensive examination of current topics impacting administrations of professional and amateur sport programs from the local to international level.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65008  SOCIOLOGY OF SPORT AND PHYSICAL ACTIVITY  3 Credit Hours
(Slashed with SPAD 75008) Sociological analysis of sport from a theoretical and empirical perspective.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65021  ORGANIZATION AND MANAGEMENT OF SPORTS PROGRAMS  3 Credit Hours
A study of the pragmatic understanding necessary in the organization and management of a sports program at the high school, college or professional level.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65031  SOCIAL PSYCHOLOGY OF SPORT  3 Credit Hours
(Slashed with SPAD 75031) Psychological, social and developmental factors of participation and behavior in sport exercise and recreational activities. Theoretical and applied perspectives addressed.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPAD 65033  SPORT LAW  3 Credit Hours
Course provides students with a basic understanding of tort, contract and
constitutional law in relation to sport.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65034  CONTEMPORARY SPORT LAW  3 Credit Hours
(Slashed with SPAD 75034) Legal principles of antitrust law, injunctions,
labor law and agency in sport, with a focus on professional sports.
Prerequisite: SPAD 65033; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65036  SPORT IN HIGHER EDUCATION  3 Credit Hours
Identification of contemporary problems and issues in collegiate sport,
their history and the role of sport in colleges and universities now and in
the future.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65037  NATIONAL COLLEGIATE ATHLETIC ASSOCIATION
COMPLIANCE ADMINISTRATION  3 Credit Hours
This course introduces students to basic NCAA compliance principles
and the NCAA rules that affect the administration of a college athletic
department. This course offers an understanding of the structure and
function of a Division I compliance operation and explores compliance at
the Divisions II & III level. The governing principles of institutional control
and ethical conduct will be explored from a compliance perspective.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65038  SPORT PROMOTION AND FUNDRAISING  3 Credit Hours
(Slashed with SPAD 75038) Analysis of contemporary sports promotions
strategies, as well as promotion of fundraising tactics.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65039  FINANCIAL ASPECTS OF SPORT  3 Credit Hours
Review of basic accounting, sources and uses of funds, capital
budgeting, leasing and investments as they apply in a sports context.
Students are introduced to financial software used in the sport industry.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65040  SPORT ECONOMICS  3 Credit Hours
Course provides students with key economic theories and principles as
applied to the sport industry.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65042  LEADERSHIP OF SPORT  3 Credit Hours
Study of theoretical and applied constructs foundational to the
leadership behavior applied to sport.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65045  SPORT MARKETING  3 Credit Hours
Students develops an understanding of strategic marketing concepts
and principles as they apply to the context of sport and entertainment.
Students examine a variety of topics related to the marketing mix,
consumer/fan behavior and research methodology. They also explore
sport, entertainment and business organization relationships.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65046  FACILITY MANAGEMENT AND OPERATIONS  3 Credit Hours
Analysis of management competencies necessary to operate sport
facilities. Conceptual and technical aspects of planning and design are
introduced.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65048  INTRAMURAL AND CLUB SPORT ADMINISTRATION  3
Credit Hours
Students focus on developing an understanding of how these programs
work and what role they play in various recreational environments. Course
emphasizes decision-making techniques and communication skills
leading to effective planning, organizing and managing a recreational
sports-related service or product.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 65092  INTERNSHIP IN SPORT ADMINISTRATION  2-4 Credit
Hours
(Repeatable for credit) Field experience involving supervised contact
with sport administrators. Students work as an understudy with these
administrators in all phases of their positions.
Prerequisite: Graduate standing and special approval.
Schedule Type: Practical Experience
Contact Hours: 13-27 other
Grade Mode: Standard Letter-IP

SPAD 73018  ETHICS IN SPORT  3 Credit Hours
(Slashed with SPAD 43018 and SPAD 53018) Examination of selected
situations in sport from an ethical reasoning perspective. Students
undertake a problem-oriented case study approach that is based upon
contemporary moral issues and moral theory.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
School of Health Sciences

Athletic Training (ATTR)

ATTR 15001  INTRODUCTION TO CLINICAL ATHLETIC TRAINING I  2 Credit Hours
An overview of the profession of athletic training; including employment opportunities, academic and clinical preparation; and introduction to basic knowledge and skills utilized in the profession. Emphasis on leadership, mentoring, ethics and research from an introductory perspective.
Prerequisite: Athletic training major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 15003  CAREERS IN HEALTH AND MEDICAL SCIENCES  2 Credit Hours
(Cross-listed with EXSC 15003 and IHS 15003) An overview of the profession of healthcare and medical professional associated including employment opportunities, academic preparation and clinical preparation. This course will address the qualities and skills required for a comprehensive list of professional opportunities in the healthcare and medical fields with an emphasis on professionalism, cultural competencies, ethics and self care. Students will be required to work with faculty and health care and medical professionals to outline a personalized program to assist in their professional development.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ATTR 15001  INTRODUCTION TO CLINICAL ATHLETIC TRAINING II  2 Credit Hours
Basic concepts and skills related to the professional domains of the athletic training profession including basic modalities and rehabilitation, research, ethics, palpations, and blood borne pathogens. Moderate to advanced Skills training in padding, splinting, wound care, equipment, bracing, tapings, wrappings, spine immobilization, and basic assessment techniques.
Prerequisite: Athletic training major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 15012  DOCUMENTATION IN HEALTH CARE  2 Credit Hours
Addresses clinical writing skills associated with documentation in health care. Addresses the legal, ethical, and practical needs for proper documentation in health care. Focus is on reading, writing and interpreting various forms of medical documentation including but not limited to SOAP notes, progress notes, treatment notes, clinical record keeping, and facility records. Electronic medical record techniques and other clinical record methods will be addressed.
Prerequisite: Sports medicine major or sports medicine: administration minor or sports medicine: general medical and emergency care or sports medicine: orthopedic patient care minor.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
ATTR 15092  PRACTICUM IN ATHLETIC TRAINING I (ELR)  3 Credit Hours
The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the introductory cognitive and psychomotor, as well as foundational behaviors of professional practice. Clinical hours and completion of specific competencies are required.
Prerequisite: ATTR 15011; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 12 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 20001  SOCIOCULTURAL ASPECTS OF HEALTH CARE  3 Credit Hours
Advanced examination of the sociocultural aspects of healthcare careers. Specific emphasis will be placed of the recognition of diverse patient populations and effectively addressing their unique needs. Cultural competence will be the focus of the course and will address various aspects of sociocultural diversity; including but not limited to racial, ethnic, religious, socioeconomic, regional beliefs, and alternative approaches to healthcare.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 25036  RESPONDING TO EMERGENCIES  3 Credit Hours
Principles of emergency care including prevention, management, and administrative aspects associated with injury and trauma. Practical competency in emergency care and first aid; American Red Cross Professional Rescuer Certification for CPR and AED.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lab, 2 other
Grade Mode: Standard Letter

ATTR 25037  PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE  3 Credit Hours
Anatomical, clinical assessment and kinesiology related to injuries and illnesses common in athletic training and sports medicine. Emphasis on orthopedic assessment and kinesiology concepts of the Lower extremity and spine.
Prerequisite: ATTR 25036; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 25038  PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK  3 Credit Hours
Anatomical, clinical assessment and kinesiology related to injuries and illnesses common in athletic training and sports medicine. Emphasis on orthopedic assessment and kinesiology concepts of the Upper Extremity, Health and neck.
Prerequisite: ATTR 25036 and ATTR 25037; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 25057  HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)  4 Credit Hours
(Cross-listed with EXSC 25057) Comprehensive examination of anatomy and physiology related to the organization of the body and basic cell and tissue types. Specific structure and function of the muscular, skeletal, integumentary and nervous systems are addressed.
Prerequisite: None.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab

ATTR 25058  HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)  4 Credit Hours
(Cross-listed with EXSC 25058) Comprehensive examination of anatomy and physiology related to the human body under rest and exercise conditions. Specific structure and function of the metabolic, endocrine, lymphatic, digestive, urinary and reproductive systems are addressed. Advanced coverage of neurological, cardiovascular and respiratory systems are also addressed.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab

ATTR 25092  PRACTICUM IN ATHLETIC TRAINING II (ELR)  3 Credit Hours
The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the intermediate cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.
Prerequisite: ATTR 15092.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 15 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 35037  ADVANCED PHYSICAL ASSESSMENT TECHNIQUES  3 Credit Hours
Anatomical, medical and clinical assessment techniques for injuries and illnesses common to the physically active. Emphasis on neurological and non-orthopedic assessment strategies for proper referral and care.
Prerequisite: ATTR 25037; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 35039  THERAPEUTIC MODALITIES  3 Credit Hours
The study and practical application of physical modalities including physical principles, physiologic effects, indications/contraindications and standard application procedures. Safety and legal issues of modality usage are also addressed.
Prerequisite:ATTR 25036.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter
ATTR 35040  STRENGTH AND CONDITIONING  2 Credit Hours
Demonstrate didactic understanding and clinical application of energy systems, anatomy and proper techniques for strength and conditioning exercises for practical applications with athletes.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and athletic training or exercise science, or physical education and sport performance or sports medicine majors or sports medicine: administration or sports medicine: general medical and emergency care or sports medicine: orthopedic patient care minors.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 35045  EMERGENCY MEDICAL TECHNICIAN-BASIC  5 Credit Hours
Preparing for Emergency Medical Technician certification including patient assessment, airway and cardiac management, trauma management, medical patient management and clinical experience. Prepares students to challenge the National Registry Examination for the State of Ohio for EMT-Basic. Clinical hours are required for this course through Hudson EMS.
Prerequisite: Special approval.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 6 lab
Grade Mode: Standard Letter

ATTR 35050  NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL 3 Credit Hours
Advanced cognitive content in the areas of normal and pathological function of the nervous system and its components. Specific emphasis on the neurophysiological basis for motor learning, special senses, and memory serves to address the central and peripheral nervous system structure and function. Growth and Development and pathological responses to hypoxia, microbiologic agents, genetic derangements, nutritional deficiencies, chemicals, drugs and aging are addressed.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 35054  BIOMECHANICS  3 Credit Hours
(Cross-listed with EXSC 35054) Anatomical and mechanical bases of human movement. Emphasis is placed on tools and techniques for motion analysis, mechanical concepts, forces and performance analysis. Lecture and laboratory.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 35062  EVIDENCE-BASED RESEARCH IN HEALTH CARE  3 Credit Hours
An examination of evidence-based practice and evidence-based research in health care. The focus of the course will include understanding literature, research questions, methods of research, and how evidence-based research and evidence-based practice play a vital role in the delivery or modern day healthcare. Emphasis will be placed upon the process of evidence-based research, utilizing the outcomes of evidence-based research and the utilization of outcomes assessment in healthcare.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 35092  PRACTICUM IN ATHLETIC TRAINING III (ELR) 3 Credit Hours
The study and clinical application of the competencies in athletic training educational domains. Specific emphasis on the intermediate and advanced cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.
Prerequisite: ATTR 25092.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 15 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 43018  ETHICAL LEADERSHIP FOR HEALTH CARE (WIC) 3 Credit Hours
(Slashed with ATTR 53018) Examination of specific situations in healthcare from an ethical sensitivity, reasoning and decision making perspective. A problem-oriented case study approach based on contemporary moral issues and moral theory related to clinical and academic health professions. An examination and assessment of leadership styles and methods as they pertain to healthcare and healthcare administration.
Prerequisite: Senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

ATTR 45017  PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING 3 Credit Hours
An investigation of the issues affecting the student athlete trainer as they prepare for an entry-level career in athletic training. Professional development issues and NATABOC exam preparation are included.
Prerequisite: Athletic Training majors only; and senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 45019  PROFESSIONAL RESPONSIBILITY AND MANAGEMENT IN HEALTH CARE  3 Credit Hours
An investigation of the issues affecting the entry level healthcare providers. Professional development issues and career advancement are included. Investigation into current philosophies and legal aspects of healthcare management. Organization and administrative concepts and models will focus on the advancement of patient based healthcare.
Prerequisite: Senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ATTR 45038  ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING  3 Credit Hours
(Slashed with ATTR 55038) Investigation into current philosophies and legal aspects of athletic training. Organization and administration of all aspects of athletic training programs.
Prerequisite: ATTR 25036.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 45039  THERAPEUTIC REHABILITATION  3 Credit Hours
(Slashed with ATTR 55039) The study and clinical application of rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration and guidelines for program progression.
Prerequisite: ATTR 25036; and ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 1 lab
Grade Mode: Standard Letter

ATTR 45040  PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS  3 Credit Hours
(Slashed with ATTR 55040) Investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatment and physiologic effects for various afflictions.
Prerequisite: ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 45041  ADVANCED THERAPEUTIC INTERVENTIONS  3 Credit Hours
Addresses the physiological considerations of specific injuries and conditions commonly encountered in the athletic training profession. Focus is on contemporary rehabilitative programming for all of the major body regions. Specific units on Aquatic therapy and rehabilitation, Neurological considerations for rehabilitation, Return to Running Considerations, and Return to Throwing protocols are included.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020; and ATTR 35054 and ATTR 45039.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 1 lab
Grade Mode: Standard Letter

ATTR 45091  SENIOR SEMINAR IN ATHLETIC TRAINING  1 Credit Hour
(Repeatable for credit) Contemporary issues related to preparing students for entry-level careers in the athletic training profession including development of the foundational behaviors of professional practice. Specific emphasis on employment preparation or graduate school preparation.
Prerequisite: Athletic Training major; and senior standing.
Schedule Type: Seminar
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ATTR 45096  INDIVIDUAL INVESTIGATION IN ATHLETIC TRAINING  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

ATTR 45192  PRACTICUM IN ATHLETIC TRAINING IV (ELR)  3 Credit Hours
The study and clinical application of competencies in athletic training educational domains. Specific emphasis on the advanced cognitive and psychomotor components. Clinical hours and completion of specific competencies are required.
Prerequisite: ATTR 35092.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 15 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 45292  INTERNSHIP IN ATHLETIC TRAINING I (ELR)  3 Credit Hours
Internship in approved athletic training setting under the direct supervision of a certified athletic trainer. Students complete 20 hours per week in a clinical experience.
Prerequisite: ATTR 45192; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 20 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 45392  INTERNSHIP IN ATHLETIC TRAINING II (ELR)  3 Credit Hours
Internship in an approved athletic training setting under the supervision of a certified and licensed athletic trainer. Students are required to perform 20 hours per week in clinical experience.
Prerequisite: ATTR 45292; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 20 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 45492  INTER-PROFESSIONAL INTERNSHIP IN SPORTS MEDICINE (ELR)  3 Credit Hours
(Repeatable for credit) Inter-professional internship experience in a sports medicine discipline. An internship experience in a sports medicine facility focusing on inter-professional dynamics and aspects of the discipline. A comprehensive clinical experience will be supported by engagement in the inter-professional environment through projects and professional development experiences. Integration of professionalism, professional development, and transition to practice in a sports medicine discipline drives this internship.
Prerequisite: Sports medicine major; and senior standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement
ATTR 46095  SPECIAL TOPICS IN ATHLETIC TRAINING  1-3 Credit Hours
(Repeatable for credit) Selected topics in athletic training dependent upon interest.
**Prerequisite:** None.
**Schedule Type:** Lecture
**Contact Hours:** 1-3 lecture
**Grade Mode:** Standard Letter

**ATTR 53018**  ETHICAL LEADERSHIP FOR HEALTH CARE  3 Credit Hours
(Slashed with ATTR 43018) Examination of specific situations in healthcare from an ethical sensitivity, reasoning and decision making perspective. A problem-oriented case study approach based on contemporary moral issues and moral theory related to clinical and academic health professions. An examination and assessment of leadership styles and methods as they pertain to health care and health care administration.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**ATTR 55038**  ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING  3 Credit Hours
(Slashed with ATTR 45038) Investigation into current philosophies and legal aspects of athletic training. Organization and administration of all aspects of athletic training programs.
**Prerequisite:** ATTR 25036; and graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**ATTR 55039**  THERAPEUTIC REHABILITATION  3 Credit Hours
(Slashed with ATTR 45039) The study and clinical application of rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration and guidelines for program progression.
**Prerequisite:** Graduate standing.
**Schedule Type:** Combined Lecture and Lab
**Contact Hours:** 2 lecture, 2 lab
**Grade Mode:** Standard Letter

**ATTR 55040**  PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS  3 Credit Hours
Investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatments and physiologic effects for various afflictions.
**Prerequisite:** ATTR 25058 or EXSC 25058.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**ATTR 60000**  CADAVER ANATOMY AND APPLIED ASSESSMENT  6 Credit Hours
Cadaver dissection with emphasis on the systems of the body to understand structure and function of the anatomical structures. Applied assessment components integrate functional assessment and diagnostic signs and symptoms of common athletic training conditions and injuries. Evidence-based assessment will be infused throughout the course.
**Prerequisite:** Athletic Training major within the Master of Science degree; and graduate standing.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 3 lecture, 6 lab
**Grade Mode:** Standard Letter

**ATTR 61000**  ACUTE INJURY DIAGNOSIS, TREATMENT AND MANAGEMENT  3 Credit Hours
Mechanisms of acute injuries will provide the foundation for the integration of evidence-based knowledge in the diagnosis, treatment and management of athletic training injuries. Contemporary clinical guidelines and management strategies will provide a framework for critical thinking and practical application.
**Prerequisite:** Graduate standing.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 2 lab
**Grade Mode:** Standard Letter

**ATTR 62010**  CONTEMPORARY ISSUES AND EXAM PREP IN ATHLETIC TRAINING  3 Credit Hours
The purpose of this course is to prepare student to successfully transition to practice through rigorous investigation of contemporary issue in athletic training. Understanding the dynamic issues facing the profession will better prepare students for the challenges facing the profession and how to function effectively in the healthcare environment as an athletic trainer. Passing the Board of Certification (BOC) examination is the threshold for entry level practice into the profession. This course will provide exam taking strategies, ACES programming, and post workshop self directed strategies to position the students to successfully challenge the BOC examination upon graduation.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**ATTR 62012**  EDUCATION AND SUPERVISION PROCESSES IN ATHLETIC TRAINING  3 Credit Hours
A comprehensive examination of educational learning theories, curriculum design, evaluation and supervision strategies in athletic training education programs from didactic and clinical perspectives. Additional applications for continuing education programs will be included.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter
ATTR 62014  ADVANCED CLINICAL PROCEDURES IN ATHLETIC TRAINING AND SPORTS MEDICINE  3 Credit Hours
Advanced clinical practice theory and skills as they relate to the profession of athletic training and sports medicine. Emphasis on contemporary clinical practice issues for a variety of athletic training and sports medicine professional settings.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 62015  ORTHOPEDIC ASSESSMENT FOR THE ATHLETIC TRAINER  3 Credit Hours
This course will provide a holistic approach to evidence based practice (EBP) information regarding the role of the athletic trainer in performing orthopedic examinations. This course builds upon the anatomic and injury pathology information in previous courses and broadens students knowledge and skill set regarding diagnostic skills and tools necessary to develop a more effective and efficient differential diagnosis of common and uncommon orthopedic injuries that fall within the scope of practice for an Athletic Trainer.
Prerequisite: Athletic Training major; and graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 62016  CLINICAL INQUIRY IN ATHLETIC TRAINING  3 Credit Hours
Principles of athletic training research methodologies with a focus on clinical athletic training research. Completion of a clinical research project will be required in this course.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 63091  RESEARCH SEMINAR  1 Credit Hour
(Slashed with ATTR 73091) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

ATTR 63094  COLLEGE TEACHING IN HEALTH SCIENCES  3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Guided teaching experiences in the Health Sciences. Specific emphasis on establishing and implementing a teaching philosophy in an instructional setting in the Health Sciences. Development of Professional Teaching Behaviors will be addressed. A comprehensive teaching experience rooted in contemporary teaching literature will guide this course.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture, Seminar
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter

ATTR 63096  INDIVIDUAL INVESTIGATION IN ATHLETIC TRAINING  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and School director required prior to registration.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

ATTR 63098  RESEARCH  1-15 Credit Hours
(Repeatable for credit) Research carried out by the student under the supervision of a faculty member.
Prerequisite: Graduate standing.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-IP

ATTR 63193  VARIABLE TITLE WORKSHOP IN ATHLETIC TRAINING  1-3 Credit Hours
(Repeatable for credit) Workshop in athletic training; topics vary. Maximum 4 hours applied to the degree.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

ATTR 63195  SPECIAL TOPICS IN ATHLETIC TRAINING  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Selected and varied topics of relevance in athletic training.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

ATTR 63199  THESIS I  2-6 Credit Hours
(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a semester distributed over several semesters if desired.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ATTR 63299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: ATTR 63199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP
ATTR 65001 CLINICAL PRACTICE I: PREVENTION AND WELLNESS 3 Credit Hours
Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to prevention of injuries and medical conditions and overall wellness will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Students must complete a minimum of 180 hours in clinicals. Prequisite: Athletic Training major within the Master of Science degree; and graduate standing. Schedule Type: Clinical Laboratory Contact Hours: 12 other Grade Mode: Standard Letter

ATTR 65002 CLINICAL PRACTICE II: ADVANCED HEAD, NECK AND ORTHOPEDIC 3 Credit Hours
Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to Head, Neck, and Orthopedic conditions and overall wellness will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hours in clinicals. Prequisite: Athletic Training major within the Master of Science degree; and graduate standing. Schedule Type: Clinical Laboratory Contact Hours: 12 other Grade Mode: Standard Letter

ATTR 65003 CLINICAL PRACTICE III: GENERAL MEDICAL 3 Credit Hours
Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to general medical conditions will be the primary focus. Engagement in an inter-professional environment including rotations with physicians and-or nurse practitioners with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hour in clinicals. Prequisite: Athletic Training major within the Master of Science degree; and graduate standing. Schedule Type: Clinical Laboratory Contact Hours: 12 other Grade Mode: Standard Letter

ATTR 65004 BIOMECHANICS 3 Credit Hours
(Cross-listed with EXPH 75004) Survey of biomechanics, with particular emphasis on skeletal muscle mechanics. Prequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter

ATTR 65005 CLINICAL PRACTICE IV: ADVANCED COMPETENCIES 3 Credit Hours
Clinical practicum in an athletic training setting under the direct supervision of a certified, licensed health care provider. Emphasis on the development of clinical competencies related to advanced competencies and skills in athletic training will be the primary focus. Engagement in an inter-professional environment with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hours in clinicals. Prequisite: Athletic Training major within the Master of Science degree; and graduate standing. Schedule Type: Clinical Laboratory Contact Hours: 12 other Grade Mode: Standard Letter

ATTR 65006 GENERAL MEDICAL CONDITIONS IN ATHLETIC TRAINING 3 Credit Hours
The purpose of this course is to provide a holistic approach to evidence based practice (EBP) information regarding the role of the athletic trainer in the initial assessment and referral of common general medical conditions that fall within the scope of practice for athletic training. The course provides an overview of pathology, etiology, signs and symptoms, diagnosis and treatments that follow established national and international professional standards of care. This course will include, but is not limited to dermatologic, respiratory, cardiovascular, endocrine, urogenital, neurological, musculoskeletal and digestive general medical conditions. Prequisite: Athletic Training major; and graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter

ATTR 65007 PHYSICAL AGENTS IN ATHLETIC TRAINING AND SPORTS MEDICINE 3 Credit Hours
The study and practical application of physical modalities including physical principles, physiologic effects, indications-contradictions, and standard application procedures. Safety and legal issues of modality usage are also addressed. Prequisite: Graduate standing. Schedule Type: Laboratory, Lecture, Combined Lecture and Lab Contact Hours: 2 lecture, 2 lab Grade Mode: Standard Letter

ATTR 65008 ADMINISTRATION CONCEPTS FOR THE HEALTHCARE PROFESSIONAL 3 Credit Hours
Investigation into current philosophies and legal aspects of athletic training and sports medicine programs. Organization and administration of all aspects of athletic training and sports medicine programs with specific emphasis on policy and regulation of programs anchored in contemporary healthcare practices. Prequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter
ATTR 65039  PHYSICAL REHABILITATION IN ATHLETIC TRAINING AND SPORTS MEDICINE  3 Credit Hours
The study and clinical application of evidence based rehabilitation techniques including strategies for proper exercise selection based on anatomical and physiological considerations, program administration, and guidelines for program progression. This course will address the comprehensive concepts related to the rehabilitation of including but not limited to modality selection, pharmacological considerations, record keeping, program design and implementation, and safety aspects. The psychology of rehabilitation including goal setting and motivation will also be addressed. Current literature and techniques in the field will support the content of this course.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 65040  PATHOPHARMACOLOGY FOR HEALTHCARE PROVIDERS  3 Credit Hours
Advanced investigation of specific pathological conditions presented by professionals, including physicians and pharmacists. Will discuss common pathologies, associated pharmacological treatment and physiologic effects for various afflictions anchored in evidence-based practice in health care.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 65050  NEUROLOGICAL CONCEPTS FOR THE HEALTHCARE PROFESSIONAL  3 Credit Hours
Advanced cognitive content in normal and pathological function of the nervous system and its components. Specific emphasis on the neurophysiological basis for motor learning, special senses, and memory serves to address the central and peripheral nervous system structure and function. Growth and Development and pathological responses to hypoxia, microbiologic agents, genetic derangements, nutritional deficiencies, chemicals, drugs and aging are addressed. Evidence-based practice concepts will guide the integration from anatomy and physiology to effective interventions for selected neurological conditions.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 69999  CLINICAL CAPSTONE IN ATHLETIC TRAINING  6 Credit Hours
Clinical Capstone is an intensive, immersion experience in the clinical setting under the direct supervision of a certified, licensed health care professional. Students will invest a minimum of 360 in the clinical setting working with inter-professional health care providers. Clinical capstone expectations include performance evaluations by supervisors and patient management to promote active clinical engagement and critical thinking. A portfolio will include professional skill assessments, performance assessment, case studies, mock interview, and formal evidence-based presentation to health care providers on an athletic training domain.
Prerequisite: Athletic Training major within the Master of Science degree; and graduate standing.
Schedule Type: Clinical Laboratory
Contact Hours: 24 other
Grade Mode: Standard Letter

ATTR 73091  RESEARCH SEMINAR  1 Credit Hour
(Slashed with ATTR 63091) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory

ATTR 75001  EVIDENCE BASED INTERVENTIONS IN ATHLETIC TRAINING  3 Credit Hours
This course will examine the use of Evidence Based Interventions (EBI) in Athletic Training Education. This course will examine the implementation of EBI constructs across the curriculum and program. Specific emphasis on designing and implementing EBI into didactic and clinical experiences in Athletic Training. Implementation of EBI into the development, implementation and dissemination of research will also be addressed. Through an extensive examination of the critical literature, students will gain an understanding of how to broadly integrate EBI constructs in their professional practice.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 75002  ACADEMIC AND ADMINISTRATIVE LEADERSHIP IN ATHLETIC TRAINING  3 Credit Hours
This course will address the key academic leadership constructs needed to navigate the higher education culture as a faculty and/or clinical faculty member. Human resources, politics, administrative processes and organizational factors related to successful higher education and clinical leadership will be the focus. Leadership and advocacy strategies for professional organizations will also be developed.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 75003  CONTINUOUS QUALITY IMPROVEMENT AND ASSESSMENT IN ATHLETIC TRAINING  3 Credit Hours
The focus of the course includes the fundamental constructs associated with quality improvement through an academic program in athletic training. The development of inter-professional practice, engaging curriculum, creation of educational and administrative policy, and leading change within Athletic Training organizations. The course will assist students in developing action plans for their organization pertaining to organizational improvement.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
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**Exercise Physiology (EXPH)**

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**ATHLETIC TRAINING**

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<th>CRN</th>
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<th>Credits</th>
<th>Grade Mode</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>55070</td>
<td>ELECTROCARDIOGRAPHY FOR THE EXERCISE PHYSIOLOGIST</td>
<td>3</td>
<td>Standard Letter</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>55081</td>
<td>ADVANCED PHYSIOLOGY OF EXERCISE</td>
<td>3</td>
<td>Standard Letter</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>60610</td>
<td>PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR</td>
<td>3</td>
<td>Standard Letter</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>63050</td>
<td>RESEARCH PROCESS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY</td>
<td>3</td>
<td>Standard Letter</td>
<td>Graduate standing.</td>
</tr>
<tr>
<td>63051</td>
<td>QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY</td>
<td>3</td>
<td>Standard Letter</td>
<td>Graduate standing.</td>
</tr>
</tbody>
</table>

**College of Education, Health and Human Services**
EXPH 63096  INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY  
1-3 Credit Hours  
(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 73096)  
Independent study completed under the supervision of a faculty member.  
Written approval of supervising faculty member and School Director  
required prior to registration.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 3-9 other  
Grade Mode: Standard Letter-IP  

EXPH 63098  RESEARCH  
1-15 Credit Hours  
(Repeatable for credit) Research carried out by the student under the  
supervision of a faculty member.  
Prerequisite: Graduate standing.  
Schedule Type: Research  
Contact Hours: 1-15 other  
Grade Mode: Standard Letter-IP  

EXPH 63193  VARIABLE TITLE WORKSHOP IN EXERCISE PHYSIOLOGY  
1-3 Credit Hours  
(Repeatable for credit) Workshop in exercise physiology; topics vary.  
Maximum 4 hours applied to the degree.  
Prerequisite: Graduate standing.  
Schedule Type: Workshop  
Contact Hours: 1-3 other  
Grade Mode: Satisfactory/Unsatisfactory  

EXPH 63195  SPECIAL TOPICS IN EXERCISE PHYSIOLOGY  
1-3 Credit Hours  
(Repeatable for credit) (Slashed with EXPH 73195) Selected and varied  
topics of relevance in exercise physiology.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter  

EXPH 63199  THESIS I  
2-6 Credit Hours  
(Repeatable for credit) Thesis students must register for a total of 6 hours,  
2 to 6 hours in a semester distributed over several semesters if desired.  
Prerequisite: Graduate standing.  
Schedule Type: Masters Thesis  
Contact Hours: 3 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

EXPH 63299  THESIS II  
2 Credit Hours  
Thesis students must continue registration each semester until all degree  
requirements are met.  
Prerequisite: EXPH 63199; and graduate standing.  
Schedule Type: Masters Thesis  
Contact Hours: 2 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

EXPH 65075  MUSCLE FUNCTION AND EXERCISE  
3 Credit Hours  
(Slashed with EXPH 75075) Characteristics of skeletal muscle related  
to contraction during exercise, strength, elasticity, fatigue, and training.  
Electromyograph analysis of muscle function emphasized.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

EXPH 65076  ENVIRONMENTAL STRESS AND EXERCISE  
3 Credit Hours  
(Slashed with EXPH 75076) Effects of heat, cold, pressure, pollution and  
psychological stress upon physiological responses to exercise. Lecture  
and laboratory.  
Prerequisite: Graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 65080  PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT  
3 Credit Hours  
(Slashed with EXPH 75080) Application of physiological concepts to  
human performance. Includes role of testing, training strength and  
endurance, nutritional considerations, environmental influences and,  
adapted exercise programs.  
Prerequisite: Graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 65081  ENERGY METABOLISM AND BODY COMPOSITION  
3 Credit Hours  
(Slashed with EXPH 75081) Measurement of metabolic response to  
exercise. Topics include ergometry spirometry energy expenditure  
body composition and performance correlates of strength power and  
endurance.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

EXPH 65082  CARDIO-RESPIRATORY FUNCTION  
3 Credit Hours  
(Slashed with EXPH 75082) Measurement of the cardiovascular-  
respiratory response to exercise. Includes resting spirometry, lung  
function during exercise, electrocardiography, blood pressure, PWC  
testing and exercise prescription.  
Prerequisite: Graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 65083  EXERCISE ENERGY METABOLISM  
3 Credit Hours  
(Slashed with EXPH 75083) Energy transformations during exercise.  
Emphasis on controlling mechanisms that regulate the anabolic and  
catabolic responses to both acute and chronic exercise.  
Prerequisite: Graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 65084  CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING  
EXERCISE  
3 Credit Hours  
(Slashed with EXPH 75084) Responses of the cardiovascular and  
respiratory systems to exercise. Use of noninvasive methods to measure  
cardio-respiratory function emphasized. Lecture and laboratory.  
Prerequisite: Graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Schedule Type</th>
<th>Contact Hours</th>
<th>Grade Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPH 65086</td>
<td>NEUROBIOLOGY OF MOVEMENT AND EXERCISE</td>
<td>3</td>
<td>(Slashed with EXPH 75086) Provide students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.</td>
<td>Graduate standing</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 65192</td>
<td>INTERNSHIP IN EXERCISE PHYSIOLOGY</td>
<td>1-9</td>
<td>(Repeatable for a maximum of 9 credit hours) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.</td>
<td>Graduate standing; and special approval.</td>
<td>Practical Experience</td>
<td>3-27 other</td>
<td>Unsatisfactory/IP</td>
</tr>
<tr>
<td>EXPH 70610</td>
<td>PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR</td>
<td>3</td>
<td>(Slashed with EXPH 60610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.</td>
<td>Doctoral standing</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 73050</td>
<td>RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY</td>
<td>3</td>
<td>(Slashed with EXPH 63050) The research process and statistical concepts applied to athletic training and exercise physiology.</td>
<td>Doctoral standing</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 73051</td>
<td>QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY</td>
<td>3</td>
<td>(Slashed with EXPH 63051) Research design and statistical methods applied to exercise physiology and athletic training.</td>
<td>EXPH 73050; and doctoral standing.</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 73091</td>
<td>RESEARCH SEMINAR</td>
<td>1</td>
<td>(Repeatable for credit) Presentation and discussion of research by faculty and students. A total of 2 credits may be applied toward degree requirements.</td>
<td>Doctoral standing</td>
<td>Seminar</td>
<td>1 other</td>
<td>Unsatisfactory/IP</td>
</tr>
<tr>
<td>EXPH 73096</td>
<td>INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY</td>
<td>1-3</td>
<td>(Repeatable for a maximum of 6 credit hours) (Slashed with EXPH 63096) Independent student completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.</td>
<td>Doctoral standing; and special approval.</td>
<td>Individual Investigation</td>
<td>1-3 other</td>
<td>Standard Letter/IP</td>
</tr>
<tr>
<td>EXPH 73195</td>
<td>SPECIAL TOPICS IN EXERCISE PHYSIOLOGY</td>
<td>1-3</td>
<td>(Slashed with EXPH 63195) Selected and varied topics of relevance in exercise physiology.</td>
<td>Doctoral standing</td>
<td>Lecture</td>
<td>1-3 lecture</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 75004</td>
<td>BIOMECHANICS</td>
<td>3</td>
<td>(Cross-listed with ATTR 65004) Survey of biomechanics, with particular emphasis on skeletal muscle mechanics.</td>
<td>Doctoral standing</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 75075</td>
<td>MUSCLE FUNCTION AND EXERCISE</td>
<td>3</td>
<td>(Slashed with EXPH 65075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue and training. Electromyograph analysis of muscle function emphasized.</td>
<td>Doctoral standing</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 75076</td>
<td>ENVIRONMENTAL STRESS AND EXERCISE</td>
<td>3</td>
<td>(Slashed with EXPH 65076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.</td>
<td>Doctoral standing</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>EXPH 75080</td>
<td>PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT</td>
<td>3</td>
<td>(Slashed with EXPH 65080) Application of physiological concepts to human performance. Includes role of testing, training, strength and endurance, nutritional considerations, environmental influences, and adapted exercise programs.</td>
<td>Doctoral standing</td>
<td>Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Standard Letter</td>
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</tbody>
</table>
EXPH 75081 ENERGY METABOLISM AND BODY COMPOSITION 3 Credit Hours
(Slashed with EXPH 65081) Measurement of metabolic response to exercise. Topics include ergometry, spirometry, energy expenditure, body composition and performance correlates of strength, power and endurance.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75082 CARDIO-RESPIRATORY FUNCTION 3 Credit Hours
(Cross-listed with EXPH 65082) Measurement of the cardiovascular-respiratory response to exercise. Includes resting spirometry, lung function during exercise, electrocardiography, blood pressure, PWC testing and exercise prescription.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 75083 EXERCISE ENERGY METABOLISM 3 Credit Hours
(Slashed with EXPH 65083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anaerobic and catabolic responses to both acute and chronic exercise.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75084 CARDIOVASCULAR-RESPIRATORY DYNAMICS DURING EXERCISE 3 Credit Hours
(Slashed with EXPH 65084) Responses of the cardiovascular and respiratory systems to exercise. Use of noninvasive methods to measure cardio-respiratory function emphasized. Lecture and laboratory.
Prerequisite: Doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75086 NEUROBIOLOGY OF EXERCISE AND MOVEMENT 3 Credit Hours
(Slashed with EXPH 65086) Provides students with knowledge to understand the role of the muscular and nervous systems in human movement and exercise. Motor disorders and rehabilitation techniques will also be discussed. Lecture and laboratory.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

EXPH 75192 INTERNSHIP IN EXERCISE PHYSIOLOGY 1-9 Credit Hours
(Repeatable for a maximum of 9 credit hours) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-27 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EXPH 83098 RESEARCH 1-15 Credit Hours
(Repeatable for credit) Research for doctoral students.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-IP

EXPH 83199 DISSERTATION I 15 Credit Hours
(Repeatable for credit) Doctoral dissertation, for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

Exercise Science (EXSC)
EXSC 15003 CAREERS IN HEALTH AND MEDICAL SCIENCES 2 Credit Hours
(Cross-listed with ATTR 15003 and IHS 15003) An overview of the profession of Healthcare and Medical Professional associated with faculty and health care and medical professionals to outline a personalized program to assist in their professional development.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

EXSC 23093 VARIABLE TITLE WORKSHOP IN EXERCISE SCIENCE 1-3 Credit Hours
(Repeatable for credit) Workshop to develop mastery and application of knowledge and skills that address issues in exercise science; topics vary. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

EXSC 25057 HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB) 4 Credit Hours
(Cross-listed with ATTR 25057) Comprehensive examination of anatomy and physiology related to the organization of the body and basic cell and tissue types. Specific structure and function of the muscular, skeletal, integumentary, and nervous systems are addressed.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab

College of Education, Health and Human Services
EXSC 25058   HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)  
4 Credit Hours  
(Cross-listed with ATTR 25058) Comprehensive examination of anatomy and physiology related to the human body under rest and exercise conditions. Specific structure and function of the metabolic, endocrine, lymphatic, digestive, urinary and reproductive systems are addressed. Advanced coverage of neurological, cardiovascular and respiratory systems are also addressed.  
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 3 lecture, 2 lab  
Grade Mode: Standard Letter  
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab  

EXSC 34000   EXERCISE SCIENCE FOR ESPORTS  3 Credit Hours  
This course examines topics within the field of exercise science and relates them to esports performance. Topics will include physical activity, sedentary behavior, mental and physical health and exercise physiology. By relating these topics to esports, students will gain an understanding of what may enhance and also diminish esport performance.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

EXSC 35040   PRACTICAL AND APPLIED CONCEPTS OF STRENGTH AND CONDITIONING  3 Credit Hours  
(Equivalent to ATTR 35040) This course will discuss the practical and applied concepts related to strength and conditioning. Specifically, the course will focus on how to improve muscle strength, power, speed, agility, endurance, stamina, stability and muscle hypertrophy. Emphasis will be placed on the ability to create and administer safe and effective periodized training programs while ensuring safe and effective techniques fundamental to improvements in athletic performance.  
Prerequisite: ATTR 25057 (and ATTR 25058) or BSCI 10020 (and BSCI 11010) or BSCI 21010 or BSCI 21020 or EXSC 25057 (and EXSC 25058).  
Corequisite: ATTR 35054 (or EXSC 35054) and ATTR 35080 (or EXSC 35080).  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 35054   BIOMECHANICS  3 Credit Hours  
(Cross-listed with ATTR 35054) Anatomical and mechanical bases of human movement. Emphasis is placed on tools and techniques for motion analysis, mechanical concepts, forces and performance analysis. Lecture and laboratory.  
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 35068   STATISTICS FOR THE EXERCISE SCIENTIST  3 Credit Hours  
Measurement and statistics applied to physical education and exercise/sport sciences; laboratory experiences in statistics test construction and administration and evaluation.  
Prerequisite: None.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 35075   EXERCISE PROGRAMMING  3 Credit Hours  
Problems and issues in developing exercise programs in institutional and commercial settings.  
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 35080   PHYSIOLOGY OF EXERCISE  4 Credit Hours  
Response of the human to acute and chronic exercise with emphasis on the underlying physiological mechanisms.  
Prerequisite: ATTR 25057 or BSCI 11010 or BSCI 21010 or EXSC 25057; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 3 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 40612   EXERCISE LEADERSHIP FOR THE OLDER ADULT  3 Credit Hours  
(Cross-listed with EXPH 50612) Designed to provide students with a knowledge base in exercise leadership in the older adult population, including special populations. Students participate in the leading, supervision and evaluation of participants within the exercise program. The also assist in the collection of functional fitness data.  
Prerequisite: None.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXSC 43093   VARIABLE TITLE WORKSHOP IN EXERCISE SCIENCE AND EXERCISE PHYSIOLOGY  1-3 Credit Hours  
(Repeatable for credit) (Slashed with EXPH 53093) Workshop in exercise science or physiology, topics vary.  
Prerequisite: None.  
Schedule Type: Workshop  
Contact Hours: 1-3 lecture  
Grade Mode: Satisfactory/Unsatisfactory  

EXSC 43098   RESEARCH IN EXERCISE SCIENCE (ELR)  1-3 Credit Hours  
(Repeatable for a maximum of 12 credit hours) Research project completed under the supervision of a faculty member. Written approval of supervising faculty member and School Director required prior to registration.  
Prerequisite: Special approval.  
Schedule Type: Research  
Contact Hours: 3-9 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
Attributes: Experiential Learning Requirement
EXSC 45022  EXERCISE LEADERSHIP  2 Credit Hours
Designed to provide the students with the knowledge base in exercise leadership. Topic areas and competencies using a variety of techniques in leading and demonstrating safe and effective methods of applying the fundamental principles of exercise science. The exercise leader will demonstrate all forms of group exercise, flexibility and balance training. The final exam is the American College of Sports Medicine Certified Exercise Physiologist certification (ACSM-EP). To take this certification requires that you be in the last semester of your senior year.
Prerequisite: ATTR 25057 or BSCI 11010 or BSCI 21010 or EXSC 25057; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058; and EXSC 35080; and senior standing.
Pre/corequisite: EXSC 45081.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

EXSC 45023 PROFESSIONAL CERTIFICATE PREPARATION  2 Credit Hours
This course is designed to prepare students to take the the National Strength and Conditioning Association Certified Strength and Conditioning Specialist (NSCA CSCS). Material covered will include basic exercise science, training adaptations, and methods of resistance-exercise training.
Prerequisite: ATTR 25057 or BSCI 11010 or BSCI 21010 or EXSC 25057; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058; and EXSC 35080; and senior standing.
Pre/corequisite: ATTR 35040 and EXSC 45081.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

EXSC 45040 ADVANCED STRENGTH AND CONDITIONING  3 Credit Hours
(Slashed with EXPH 55040) Advanced principles in strength and conditioning. Learn and understand the energy systems, anatomy, physiology and proper lifting technique of strength, speed, agility and conditioning exercises for practical application with athletes.
Prerequisite: ATTR 25057 or BSCI 11010 or BSCI 21010 or EXSC 25057; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058; and ATTR 21020; and EXSC 35040; and EXSC 35080.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXSC 45065 EXERCISE TESTING  3 Credit Hours
(Cross-listed with EXPH 55065) Lecture and laboratory experiences dealing with the administration and interpretation of exercise tests.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: CTAG Exercise Science

EXSC 45070 ELECTROCARDIOGRAPHY FOR THE EXERCISE PHYSIOLOGIST  3 Credit Hours
(Cross-listed with EXPH 55070) Designed to provide students with the knowledge base in electrocardiography. Students work on interpreting the 12-lead electrocardiogram with clinical case studies to enhance the knowledge base of the exercise specialist.
Prerequisite: ATTR 25057 or EXSC 25057 or BSCI 11010 or BSCI 21010; and ATTR 25058 or EXSC 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXSC 45081 ADVANCED PHYSIOLOGY OF EXERCISE (WIC)  3 Credit Hours
(Slashed with EXPH 45081) This course is designed to provide an augmented understanding of acute and chronic responses to exercise. Focus is placed on understanding the physiological responses at both the systems and the cellular levels. Emphasis is placed on muscle bioenergetics, environmental physiology, ergogenic aids, sex differences, extreme sports, children and adolescents in sport and exercise and a greater understanding of muscle and cardiorespiratory responses to exercise.
Prerequisite: ATTR 25057 (and ATTR 25058) or BSCI 11010 (and BSCI 11020) or BSCI 21010 or BSCI 21020 or EXSC 25057 (and EXSC 25058); and EXSC 35080.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

EXSC 45096 INDIVIDUAL INVESTIGATION IN EXERCISE SCIENCE (ELR)  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

EXSC 45480 INTERNSHIP SEMINAR IN EXERCISE SCIENCE  1 Credit Hour
Overview of the internship possibilities that are available for the exercise science major. The American College of Sports Medicine (ACSM) certification workshops and the scope of the practice for the exercises specialist is discussed in detail.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
EXSC 45481  SEMINAR IN EXERCISE PHYSIOLOGY  1 Credit Hour
Provides an overview of the research possibilities and the internship possibilities that are available for the exercise science major. The Institutional Review Board, research methodology and the risks and benefits of research in the area of exercise science are discussed in detail. Also covers The American College of Sports Medicine (ACSM) certification workshops and the scope of the practice for the exercises specialist.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

EXSC 45492  INTERNSHIP IN PHYSICAL FITNESS AND CARDIAC REHABILITATION (ELR)  1-9 Credit Hours
(Repeatable for a maximum of 9 credit hours) Supervised experience providing practical experience in administration and operation of programs in physical fitness, health enhancement and or cardiac rehabilitation. 45 clock hours per credit hour.
Prerequisite: Special approval.
Schedule Type: Practical Experience
Contact Hours: 3-27 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EXSC 46095  SPECIAL TOPICS IN EXERCISE SCIENCE  1-3 Credit Hours
(Repeatable for credit) Selected topics in exercise science dependent upon interest.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

Health Education (HED)

HED 11570  PERSONAL HEALTH  3 Credit Hours
This course examines the leading causes of death and disability in the United States with an emphasis on the application of knowledge and skills to reduce risk and enhance the quality of life.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 11590  COMMUNITY HEALTH EDUCATION  3 Credit Hours
Identification of community health problems and measures for control. Emphasizes principles, objectives and methods of community health education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 13510  WINNING COMBINATION:HEALTH AND ATHLETES  1 Credit Hour
An exploration of strategies for promoting healthy lifestyles for athletes. The course is reserved for varsity athletes.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

HED 14020  MEDICAL TERMINOLOGY  3 Credit Hours
Identification of the meaning of various roots and terms and combining forms that are components of medical words, including anatomical physiological and pathological therapeutic terminology and implications for health literacy.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Medical Terminology, TAG Health

HED 21030  INTRODUCTION TO HEALTH EDUCATION  3 Credit Hours
This course introduces the student to the health education profession. Roles and responsibilities of health educators in a variety of occupational settings are described.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 21050  HEALTH EDUCATION THEORIES  3 Credit Hours
Application of various attitude and behavior models to health and illness behavior in order to develop a framework for educational intervention.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 30000  TEACHING HEALTH TO YOUNG LEARNERS  3 Credit Hours
Investigate current health issues relevant to children in primary grades, and identify educational strategies to increase student health knowledge, foster positive health attitudes and promote healthy behaviors.
Prerequisite: None.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.5 lecture, 1.5 other
Grade Mode: Standard Letter

HED 32530  DRUG USE AND MISUSE  3 Credit Hours
Introduction to the study of drug/alcohol abuse. Basic pharmacology of drug actions is reviewed. Common myths misconceptions about drug alcohol use are examined. Current drug problems and related prevention treatment issues are analyzed.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 32542  METHODS AND APPLICATIONS OF HEALTH EDUCATION (WIC)  5 Credit Hours
Analysis observation, demonstration and experience in the teaching-learning process utilizing methods, materials and resources appropriate to the preparation of professional health educators. This course includes 50 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: HED 11570.
Schedule Type: Lecture
Contact Hours: 5 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course
HED 32544  HUMAN SEXUALITY  3 Credit Hours
A study of the role and meaning of human sexuality throughout the life
cycle for self and society.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 32565  MARKETING IN HEALTH EDUCATION  3 Credit Hours
Examines the basic elements of marketing processes as they relate to
promoting health in communities. Emphasis on application of marketing
planning, concepts and practices for service providers involved with
health education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 40093  VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND
PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 50093 and 70093) Discussion of
major issues in health and safety education. Content emphasis and
prerequisites vary depending on workshop.
Prerequisite: HED 11590; and special approval.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

HED 42041  HEALTH COACHING  3 Credit Hours
(Slashed with HED 52041) Techniques of health coaching and
motivational interviewing applied to health education. Individual and
group approaches relative to personal, family and societal health issues.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 42222  ADULTING 101: SEVEN DIMENSIONS TO A HEALTHY
ADULTHOOD  2 Credit Hours
The transition from college to post-college life can be uncertain. A design
for the initial post-college years can alleviate the anxiety and stress
that are often experienced. This course will examine issues related to
a 7 dimensional model of health-financial, environmental, emotional,
intellectual, physical, social, occupational-and apply those dimensions to
a post-college life design process.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HED 42392  STUDENT TEACHING IN HEALTH EDUCATION (ELR)  9
Credit Hours
Provides a twelve week student teaching experience. See student
teaching section of catalog. Students are required to complete Bureau
of Criminal Investigation and Identification (BCII) and Federal Bureau
of Investigation (FBI) background checks and submit the results to
authorized personnel at their assigned school/agency before the first day
of the semester in which student teaching/internship will take place.
Prerequisite: Eligibility for admission to student teaching and admission
to advanced study.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

HED 42575  HEALTH AND LEARNING: STRATEGIES FOR STUDENTS
AND TEACHERS  3 Credit Hours
(Slashed with HED 52575) Focus on health issues/education/
environment policy and practice/community strategies to respond to
threats confronting students utilizing a coordinated school/community
strategy to promote health to improve academic outcomes. CPR and first
aid certification required for completion of course.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 42779  HAPPINESS AND HEALTH  2 Credit Hours
(Slashed with HED 52779) Happiness is a common life goal, yet how
to achieve or maintain can be a challenge. The things people think
should make them happy don’t; and the things that have been proven to
increase happiness are often a surprise. In this class, students explore
proven methods to increase happiness, confront the common myths
and misperceptions around it and discover how happiness is defined by
cultures outside the United States. Students also explore how happiness
is related to academic performance, immune function, diet, stress, heart
disease and life expectancy.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
HED 44025 WOMEN'S HEALTH ISSUES 3 Credit Hours
(Repeatable with HED 54025) Traditional and feminist analysis of women's health issues and the health educational responses to those issues.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 44030 GAMBLING, GAMING AND HEALTH 3 Credit Hours
(Repeatable with HED 54030) This course will provide information related to gambling, gaming, and their convergence to facilitate insight into personal decision-making and health outcomes. Emerging gambling and gaming trends will be investigated along with exploration of attitudes toward these activities that influence personal and community health. There is an emphasis on the application of knowledge and skills to assess and reduce personal risk.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 44051 BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours
The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 44091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 1 Credit Hour
(Repeatable with HED 54091) This course is designed to provide content for the K-12 health education topics required by the Ohio Department of Education to prepare students seeking school health licensure.
Prerequisite: None.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

HED 44092 INTERNSHIP IN COMMUNITY HEALTH EDUCATION (ELR) 9 Credit Hours
(Repeatable for credit) Participation for one academic semester in the health education and promotion activities of an approved agency, organization or industry.
Prerequisite: Senior standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

HED 44095 SPECIAL TOPICS: HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours
(Repeatable for credit) Selected topics related to public health issues facing professionals in communities, schools, health care settings and the worksite.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

HED 44096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours
(Repeatable for credit) Independent reading and/or research directed by a HED faculty member.
Prerequisite: Permission.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 44543 ADMINISTRATION OF SCHOOL HEALTH PROGRAMS 3 Credit Hours
(Repeatable with HED 54543) Organizational design and administration of a comprehensive school health program including health services, instruction and environment. This course includes 25 field/clinical hours. CPR and first aid certification required for completion of course.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 44544 SEXUALITY EDUCATION PROGRAMS 3 Credit Hours
(Repeatable with HED 54544) This course prepares students to develop, implement, and evaluate sexuality education programs in school and community settings.
Prerequisite: HED 32544.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 44550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS 3 Credit Hours
(Repeatable with HED 54550) Drug abuse and violence prevention from theoretical, philosophical, empirical and practical perspectives. Application of theories to plan, implement, and evaluate drug and violence education programs.
Prerequisite: HED 32530.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 46052 STRESS: RECOGNITION AND MANAGEMENT 2 Credit Hours
(Repeatable with HED 56052) An examination of stress, its role as a predisposing factor for various illnesses and diseases, types of stressors, the body’s reaction to stress, and techniques for recognizing, preventing and reducing stress.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HED 46057 ADVANCED HUMAN SEXUALITY 3 Credit Hours
(Repeatable with HED 56057) Selected aspects of human sexuality; history, cross-cultural perspectives, medical/surgical conditions and sex therapy and counseling.
Prerequisite: HED 32544.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HED 47070 AIDS: ISSUES, EDUCATION AND PREVENTION 3 Credit Hours
(Slashed with HED 57070) This course provides an extensive overview of the human immunodeficiency virus epidemic as it has developed and exists today. A particular emphasis will be given to aids education and prevention issues and strategies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 47091 CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 57091 and 77091) Public health issues facing professionals in communities, schools, health care settings and the worksite.
Prerequisite: Junior or senior standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HED 49525 INQUIRY SEMINAR INTO PROFESSIONAL PRACTICE 3 Credit Hours
Interdisciplinary inquiry into teaching as a professional practice in health education; emphasis on teacher as disciplined investigator. Utilization of teaching and learning technology.
Prerequisite: School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

HED 50093 VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION 1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 40093 and 70093) Discussion of major issues in health and safety education. Content emphasis vary depending on workshop.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

HED 52041 HEALTH COACHING 3 Credit Hours
(Slashed with HED 42041) Techniques of health coaching and motivational interviewing applied to health education. Individual and group approaches relative to personal, family and societal health issues.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 52575 HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS 3 Credit Hours
(Slashed with HED 42575) Focus on health issues/education/environment policy and practice/community strategies to respond to threats confronting students, utilizing a coordinated school community strategy to promote health and improve academic outcomes. CPR first aid certification required for completion of course.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 52779 HAPPINESS AND HEALTH 2 Credit Hours
(Slashed with HED 42779) Happiness is a common life goal, yet how to achieve or maintain can be a challenge. The things people think should make them happy don't; and the things that have been proven to increase happiness are often a surprise. In this class, students explore proven methods to increase happiness, confront the common myths and misperceptions around it and discover how happiness is defined by cultures outside the United States. Students also explore how happiness is related to academic performance, immune function, diet, stress, heart disease and life expectancy.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HED 54025 WOMEN'S HEALTH ISSUES 3 Credit Hours
(Slashed with HED 44025) Traditional and feminist analysis of women's health issues and the health educational responses to those issues.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54030 GAMBLING, GAMING AND HEALTH 3 Credit Hours
(Slashed with HED 44030) This course will provide information related to gambling, gaming, and their convergence to facilitate insight into personal decision-making and health outcomes. Emerging gambling and gaming trends will be investigated along with exploration of attitudes toward these activities that influence personal and community health. There is an emphasis on the application of knowledge and skills to assess and reduce personal risk.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54051 BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN HEALTH EDUCATION AND PROMOTION 3 Credit Hours
(Slashed with HED 44051) The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54091 SCHOOL HEALTH EDUCATION VARIABLE CONTENT SEMINAR 1 Credit Hour
(Slashed with HED 44091) This course is designed to provide content for the K-12 health education topics required by the Ohio Department of Education to prepare students seeking school health licensure.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter
HED 54095 SPECIAL TOPICS: HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours (Repeatable for credit) (Slashed with HED 44095) Selected topics related to public health issues facing professionals in communities, schools, health care settings and the worksite. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

HED 54096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours (Repeatable for credit) (Slashed with HED 44096 and 74096) Independent reading and/or research directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place. 
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 54543 ADMINISTRATION OF SCHOOL HEALTH PROGRAMS  3 Credit Hours (Slashed with HED 44543) Organizational design and administration of a comprehensive school health program including health services, instruction and environment. This course includes 25 field/clinical hours. CPR and first aid certification required for completion of course. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54544 SEXUALITY EDUCATION PROGRAMS  3 Credit Hours (Slashed with HED 44544) This course prepares students to develop, implement, and evaluate sexuality education programs in school and community settings. 
Prerequisite: HED 64063; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS  3 Credit Hours (Slashed with HED 44550) Drug abuse and violence prevention from theoretical, philosophical, empirical, and practical perspectives. Application of theories to plan, implement, and evaluate drug and violence education programs. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 56025 STRESS: RECOGNITION AND MANAGEMENT  2 Credit Hours (Slashed with HED 46052) An examination of stress, its role as a predisposing factor for various illnesses and diseases, types of stressors, the body's reaction to stress, and techniques for recognizing, preventing and reducing stress. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HED 56057 ADVANCED HUMAN SEXUALITY  3 Credit Hours (Slashed with HED 46057) Selected aspects of human sexuality: history, cross-cultural perspectives, medical/surgical therapy and counseling. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 57070 AIDS: ISSUES, EDUCATION AND PREVENTION  3 Credit Hours (Slashed with HED 47070) This course provides an extensive overview of the human immunodeficiency virus epidemic as it has developed and exists today. A particular emphasis will be given to AIDS education and prevention issues and strategies. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 57091 CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours (Repeatable for credit) (Slashed with HED 47091 and 77091) Public health issues facing professionals in communities, schools, health care settings and the worksite. 
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HED 60199 THESIS I  2-6 Credit Hours 
The thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired. 
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 60299 THESIS II  2 Credit Hours 
The thesis students must continue registration each semester until all degree requirements are met. 
Prerequisite: HED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 64030 INTRODUCTION TO RESEARCH AND DATA ANALYSIS IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours Introduction of research methods in the field of health education and health promotion. Includes basic knowledge and skills in research design and concepts of descriptive and inferential statistics. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64050 HEALTH BEHAVIOR  3 Credit Hours (Slashed with HED 84050) Analysis of a broad range of theoretical and empirical models of health and illness behavior. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HED 64055  NEEDS ASSESSMENT AND EVALUATION IN HEALTH PROMOTION  3 Credit Hours
(Slashed with HED 84055) Students will assess individual and community needs for health promotion programs based on multiple sources of health data. Students will develop a rational plan to meet identified needs.
Prerequisite: HED 64050; and HED 64061; and HED 64063; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64057  PROGRAM PLANNING AND IMPLEMENTATION IN HEALTH PROMOTION  3 Credit Hours
(Slashed with HED 84057) Students will develop, implement, and evaluate a health education and promotion program plan specific to a target audience and health issue.
Prerequisite: HED 64050 and HED 64055 and HED 64061 and HED 64063; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64059  COMMUNICATION AND MARKETING IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
(Slashed with HED 84059) Introduction to the theory and practice of planning, implementing, and evaluating marketing and communication programs in health promotion.
Prerequisite: HED 64050 and HED 64061; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64061  FOUNDATIONS OF HEALTH EDUCATION AND PROMOTION  3 Credit Hours
(Slashed with HED 84061) Historical, sociological and philosophical factors that have influenced definitions and the practice of health education and promotion are studied. Professional associations/leadership, government initiatives, standards of practice and accreditations are examined.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64062  ADMINISTRATION AND GRANT WRITING IN HEALTH PROMOTION  3 Credit Hours
(Slashed with HED 84062) Basic concepts in the administration of health education promotion programs and grant writing. Coordination of program services, consultative relationships, management of human and fiscal resources, and organizational leadership are addressed as well as grant writing skills.
Prerequisite: HED 64061 and Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64063  STRATEGIES IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
(Slashed with HED 84063) Health education and promotion methods and strategies are presented to develop programs and lesson plans for a variety of audiences, learning environments, and intervention levels.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64080  ADVOCACY AND POLICY ISSUES IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
(Slashed with HED 84080) Emphasizes the advocacy role of health educators. Includes use of research results to develop, analyze and influence health policy.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 64094  COLLEGE TEACHING OF HEALTH EDUCATION AND PROMOTION  2 Credit Hours
(Repeatable for credit) (Cross-listed with HED 84094) Guided experiences in teaching selected undergraduate courses.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory

HED 64096  INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 84096) Independent study of approved topics in health and safety education related to the student's special interests. Adviser's permission required to repeat registration one time.
Prerequisite: Health Education or Public Health major; and graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-S/U

HED 64098  PROJECT IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 84098) Research or individual investigation for master's level graduate students.
Prerequisite: Grading standing; and special approval.
Schedule Type: Research
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HED 68092  DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION  3 Credit Hours
Develop and implement standards based, culturally sensitive, developmentally appropriate, and ability centered health education unit and lesson plans with K-12 school populations. Students complete ODHE required field experience hours in this course for additional licensure in school health.
Prerequisite: HED 54544 and HED 64063; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

HED 70093  VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 40093 and 50093) Discussion of major issues in health and safety education. Content emphasis and prerequisites vary depending on workshop.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory
HED 74096  INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 44096 and 54096) Independent reading and/or research directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 77091  CURRENT ISSUES IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 47091 and 57091) Public health issues facing professionals in communities, schools, health care settings and the worksite.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HED 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Registration for two semesters required, first semester dissertation work begins and continues until completion of 30 hours.
Prerequisite: Doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 80292  PRACTICUM IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
(Repeatable for credit) In this course, students obtain permission to work with an individual faculty member on research, community projects, or other professional activities in various health education settings (school, community, medical care, worksite). Assignments are individualized to meet the needs of the practicum experience.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until degree requirements are met.
Prerequisite: Doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 81100  RESIDENCY SEMINAR: SYNTHESIS OF LITERATURE IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
Exploration of philosophical, theoretical and empirical issues in health education and promotion. Students synthesize courses, research and practice in preparation for comprehensive examinations.
Prerequisite: Doctoral standing; and special approval of instructor.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 81150  SEMINAR: PROFESSIONAL DEVELOPMENT IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
Focuses on the process, practice and documentation of professional development in health education and promotion in the areas of instruction, program development, research and evaluation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

HED 81200  RESIDENCY SEMINAR: RESEARCH PROPOSAL, DEVELOPMENT AND PRESENTATION  3 Credit Hours
Review of the role of research and scholarly pursuits in the professorate, the professional health education literature, and in the development and dissemination of a range of scholarly products. Identification of requisite elements of a dissertation in health education and promotion. Refinement of a professional vita, updating of doctoral program prospectus, specification of dissertation topic, identification of potential dissertation committee members, development and presentation of draft dissertation proposal.
Prerequisite: Doctoral standing; and special approval of instructor.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 81300  HEALTH EDUCATION PRACTICE  3 Credit Hours
Investigation of various health education settings including analysis of agency programming efforts and comparison to evidence-based practice. Application of community assessment, socioecological model, and community-based participatory research principles. Analysis of how health education theory and research are implemented in various practice settings.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 81400  RESEARCH DISSEMINATION AND TECHNICAL WRITING IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
Examination and practice of technical writing for research proposals, technical reports, and journal publications in health education and promotion. Other methods of disseminating research such as preparation and submission of conference presentation applications and writing as part of consultative relationships with community agencies is explored.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 81450  ADVANCED PROGRAM EVALUATION IN HEALTH EDUCATION AND PROMOTION  3 Credit Hours
A review of evaluation methods used in health education programs. Emphasis is placed on data collection procedures, linking program activities to outcomes, participant attrition and reporting of the results.
Prerequisite: HED 64055 and HED 64057; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
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<tr>
<th>Course Code</th>
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<td>HED 81550</td>
<td><strong>APPLIED THEORY IN HEALTH EDUCATION RESEARCH AND</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Grade Mode:</strong> Doctoral standing. (Slashed with HED 64050 or HED 74050).</td>
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<td><strong>PRACTICE</strong></td>
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<td><strong>Prerequisite:</strong> Examination of theory/models/hypotheses applied to specific health behaviors. Emphasis on operationalization of theoretical constructs.</td>
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<td>HED 84030</td>
<td><strong>INTRODUCTION TO RESEARCH AND DATA ANALYSIS IN</strong></td>
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<td><strong>Lecture</strong></td>
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<td><strong>Schedule Type:</strong> Lecturer. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>HEALTH EDUCATION AND PROMOTION</strong></td>
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<td><strong>Introductory research methods in the field of health education and health promotion. Includes basic knowledge and skills in research design and concepts of descriptive and inferential statistics.</strong></td>
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<td>HED 84050</td>
<td><strong>HEALTH BEHAVIOR</strong></td>
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<td><strong>Lecture</strong></td>
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<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td></td>
<td>(Slashed with HED 64050) Analysis of a broad range of theoretical and empirical models of health and illness behavior.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td>HED 84051</td>
<td><strong>BIOBEHAVIORAL ASPECTS OF DISEASE PREVENTION IN</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
<td>3</td>
<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td></td>
<td><strong>HEALTH EDUCATION AND PROMOTION</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td></td>
<td>(Slashed with HED 64055) The etiology and pathogenesis of major diseases are studied from a biopsychosocial perspective with an emphasis on implications for disease prevention, health promotion and behavioral intervention.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<tr>
<td>HED 84055</td>
<td><strong>NEEDS ASSESSMENT AND EVALUATION IN HEALTH</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>PROMOTION</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<tr>
<td>HED 84057</td>
<td><strong>PROGRAM PLANNING AND IMPLEMENTATION IN HEALTH</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>PROMOTION</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<tr>
<td>HED 84059</td>
<td><strong>COMMUNICATION AND MARKETING IN HEALTH</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>EDUCATION AND PROMOTION</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td></td>
<td><strong>Introductory to the theory and practice of planning, implementing, and evaluating marketing and communication programs in health promotion.</strong></td>
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<tr>
<td>HED 84061</td>
<td><strong>FOUNDATIONS OF HEALTH EDUCATION AND PROMOTION</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<tr>
<td>HED 84062</td>
<td><strong>ADMINISTRATION AND GRANT WRITING IN HEALTH</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td>Lecture</td>
<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<tr>
<td>HED 84063</td>
<td><strong>STRATEGIES IN HEALTH EDUCATION AND PROMOTION</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td>HED 84066</td>
<td><strong>HEALTH IN THE DEVELOPING NATIONS</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td>HED 84080</td>
<td><strong>ADVOCACY AND POLICY ISSUES IN HEALTH EDUCATION</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td>HED 84090</td>
<td><strong>APPLIED THEORY IN HEALTH EDUCATION RESEARCH AND</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Schedule Type:</strong> Lecture. <strong>Contact Hours:</strong> 3 lecture. <strong>Grade Mode:</strong> Standard Letter</td>
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<td><strong>PRACTICE</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td>HED 84095</td>
<td><strong>COMMUNICATION AND MARKETING IN HEALTH</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td>HED 84100</td>
<td><strong>ADMINISTRATION AND GRANT WRITING IN HEALTH</strong></td>
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<td>HED 84105</td>
<td><strong>STRATEGIES IN HEALTH EDUCATION AND PROMOTION</strong></td>
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<td>HED 84110</td>
<td><strong>HEALTH IN THE DEVELOPING NATIONS</strong></td>
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<td><strong>Lecture</strong></td>
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<tr>
<td>HED 84120</td>
<td><strong>ADVOCACY AND POLICY ISSUES IN HEALTH EDUCATION</strong></td>
<td>3</td>
<td><strong>Lecture</strong></td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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*Note: All courses require doctoral standing.*
HED 84094  COLLEGE TEACHING OF HEALTH EDUCATION AND PROMOTION  2 Credit Hours
(Repeatable for credit) (Slashed with HED 64094) Guided experiences in teaching selected undergraduate courses.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 2 other
Grade Mode: Standard Letter-S/U

HED 84096  INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Slashed with HED 64096) Independent study of approved topics in health and safety education related to the student's special interests. Adviser's permission required to repeat registration one time.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter

HED 84098  PROJECT IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Slashed with HED 64098) Research or individual investigation for doctoral level graduate students.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Research
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HED 88092  DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION  3 Credit Hours
Develop and implement standards based, culturally sensitive, developmentally appropriate, and ability centered health education unit and lesson plans with K-12 school populations. Students complete ODHE required field experience hours in this course for additional licensure in school health.
Prerequisite: HED 54544 and HED 84063; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

IHS 15003  CAREERS IN HEALTH AND MEDICAL SCIENCES  2 Credit Hours
(Cross-listed with ATTR 15003 and EXSC 15003) An overview of the profession of Healthcare and Medical professions including employment opportunities, academic preparation, and clinical preparation. This course will address the qualities and skills required for a comprehensive list of professional opportunities in the healthcare and medical fields with an emphasis on professionalism, cultural competencies, ethics and self care. Students will be required to work with faculty and health care and medical professionals to outline a personalized program to assist in their professional development.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

IHS 40091  SEMINAR FOR PRACTICUM IN INTEGRATED HEALTH STUDIES  2 Credit Hours
(Repeatable for credit) Seminar focuses on applying concepts from previous educational experiences to the practicum work experience.
Prerequisite: ATTR 15003 or EXSC 15003 or IHS 10000 or IHS 15003.
Corequisite: IHS 44092.
Schedule Type: Seminar
Contact Hours: 2 other
Grade Mode: Standard Letter

IHS 44010  RESEARCH DESIGN AND STATISTICAL METHODS IN THE HEALTH PROFESSIONS  3 Credit Hours
Fundamental concepts and procedures for systematic collection, analysis and interpretation of qualitative and quantitative data in health related fields includes group and single-subject designs and use of parametric and nonparametric statistics.
Prerequisite: PSYC 21621.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

IHS 44091  PROFESSIONAL SEMINAR IN INTEGRATED HEALTH STUDIES (WIC)  3 Credit Hours
(Repeatable for credit) This course presents and integrates the role of scientists, practitioners and administrators in the health care and human service professions as they attempt to meet the needs of the individual in diverse environments. Current issues will be addressed. 400 hours observation/work experience in health/human service-related fields required prior to registration for this course.
Prerequisite: Senior standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

IHS 44092  PRACTICUM IN INTEGRATED HEALTH STUDIES (ELR)  3-10 Credit Hours
(Repeatable for credit) Practicum focuses on providing supervised practical experience in a health science, health care and human services organization which allows students to apply theoretical knowledge and skills learned in their coursework.
Prerequisite: Integrated health studies majors; and senior standing; and special approval.
Corequisite: IHS 40091.
Schedule Type: Practical Experience
Contact Hours: 9-30 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

IHS 44095  SPECIAL TOPICS IN INTEGRATED HEALTH STUDIES  1-3 Credit Hours
(Repeatable for credit) Selected topics in integrated health dependent upon interest.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

Integrated Health Studies (IHS)

HEALTH EDUCATION AND PROMOTION (IHS)
IHS 44096 INDIVIDUAL INVESTIGATION IN INTEGRATED HEALTH  
1-3 Credit Hours
(Repeatable for credit) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

Nutrition (NUTR)

NUTR 10011 NUTRITIONAL OUTREACH: A HOW-TO FOR LIFE-LONG HEALTHY EATING  1 Credit Hour
Teaches basic nutrition information for healthy eating, including the important nutritional aspects of cooking, shopping, dining and disease prevention related to dietary intake.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 23012 INTRODUCTORY FOOD SCIENCE  3 Credit Hours
(Cross-listed with HEM 23212) Principles of food preparation and quality evaluation, with an emphasis on food science concepts, nutrition, food consumption trends and government regulation.
Prerequisite: NUTR 23511.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter

NUTR 23112 INTRODUCTION TO THE PROFESSION: NUTRITION AND DIETETICS  1 Credit Hour
Discusses academic requirements for the Nutrition major, the history of the nutrition profession as well as current credentialing and licensing requirements. Explores the opportunities within the field of dietetics. Teaches methods to document academic, personal and professional skills.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 23510 QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY  3 Credit Hours
(Cross-listed with HM 23510) The application of management principles in quantity food production and service systems, including safety and sanitation; production forecasting and management; distribution; and service, commercial equipment and physical facilities. Introduction to inventory, recipe standardization and considerations of nutrition, quality and sustainability in quantity production.
Prerequisite: NUTR 23112.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 3 lab
Grade Mode: Standard Letter

NUTR 23511 SCIENCE OF HUMAN NUTRITION (KBS)  3 Credit Hours
Basic concepts and principles in the science of human nutrition, energy balance and weight control, individual nutrient needs, diet selection, nutrition related metabolism and physiological functions, nutritional diseases and current human nutrition controversies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 23520 SPORTS NUTRITION  3 Credit Hours
Teaches basic sports nutrition as well as practical applications of sports nutrition principles for students majoring in various healthcare related fields.
Prerequisite: NUTR 23511.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 33512 INTERMEDIATE NUTRITION SCIENCE  3 Credit Hours
Functions, sources, utilization and interactions of essential nutrients and associated physiology. Principles of designing a healthy diet using dietary standards and guidelines while considering nutrient needs of different populations.
Pre/corequisite: CHEM 20481 or CHEM 30481.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 33522 INTRODUCTION TO NUTRITION ASSESSMENT  3 Credit Hours
Application of nutrition principles, including nutrition-focused physical assessment, dietary intake assessment, nutrition surveys, introduction to medical records, nutrition interviewing, dietary standards and food exchange lists.
Prerequisite: NUTR 23511 and PSYC 11762 and SOC 12050; and nutrition major.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

NUTR 33532 BUSINESS AND MANAGEMENT OF NUTRITION SERVICES  3 Credit Hours
Course explores the business management side of dietetics. Covers application of management theories, from dietetic programs and services to budgeting, billing and coding, in addition to quality improvement in dietetics programs and departments.
Prerequisite: NUTR 23511.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 35319 NUTRITION, HEALTH AND SOCIETY  3 Credit Hours
Course explores the role of environment, food, nutrition and lifestyle choices in promoting health and preventing disease. Focus is on the fundamentals of public policy, including legislative and regulatory basis of nutrition and dietetics practices.
Prerequisite: NUTR 23511.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
NUTR 41095  SPECIAL TOPICS IN NUTRITION  1-4 Credit Hours (Repeatable for credit) (Slashed with NUTR 51095) Discussion of a major topic within a specific field in nutrition and dietetics. Topic varies per course offering.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 1-4 lecture  
Grade Mode: Standard Letter  
NUTR 41096  INDIVIDUAL INVESTIGATION IN NUTRITION  1-3 Credit Hours (Repeatable for credit) Students undertake an independent study in an area of nutrition and dietetics that is not covered by a regular course offering, with the guidance of a Kent State faculty member.  
Prerequisite: Special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter  
NUTR 43013  RESEARCH AND STATISTICAL METHODS IN NUTRITION AND DIETETICS (WIC)  3 Credit Hours (Slashed with NUTR 53013) Student gain experience in research methods related to nutrition and dietetics, principles of experimental design, data analysis and techniques of scientific writing.  
Prerequisite: NUTR 33512.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Writing Intensive Course  
NUTR 43016  WORLD FOOD CUSTOMS AND NUTRITION  3 Credit Hours (Slashed with NUTR 53016) Understanding the interrelationship between food and agricultural practices of racial, ethnic and religious populations globally.  
Prerequisite: NUTR 23510 and SOC 12050.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
NUTR 43030  FOOD SERVICE SYSTEMS MANAGEMENT  3 Credit Hours (Slashed with HTM 53030 and NUTR 53030)(Cross-listed with HEM 43030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.  
Prerequisite: HEM 23212 or NUTR 23012; and HEM 23510 or NUTR 23510.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Experiential Learning Requirement  
NUTR 43031  LIFECYCLE NUTRITION  3 Credit Hours (Slashed with NUTR 53031) Explores the nutrition needs through growth, development and aging. Focus is on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood and older adulthood.  
Prerequisite: NUTR 33510.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
NUTR 43032  INTEGRATIVE AND FUNCTIONAL NUTRITION  2 Credit Hours (Slashed with NUTR 53032) Introduces the foundations of integrative and functional medicine as it relates to nutrition. Includes personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods, in addition to the interaction of food on supplement and drug efficacy.  
Prerequisite: NUTR 33510.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter  
NUTR 43033  COMMUNITY NUTRITION (ELR)  3 Credit Hours (Slashed with NUTR 53033) Introduction to nutrition problems and practices in the community. Principles and techniques of effective education, learning and behavior change theories and techniques. Includes an experiential laboratory component with a focus on planning, implementation, evaluation and outcomes in nutrition education, as well as nutrition communication, programming and counseling techniques.  
Prerequisite: NUTR 33512 and NUTR 33522 and NUTR 33532.  
Schedule Type: Laboratory, Lecture  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  
Attributes: Experiential Learning Requirement  
NUTR 43034  MEDICAL NUTRITION THERAPY I  3 Credit Hours (Slashed with NUTR 53034) Exploration of the nutrition care process, including relevant documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutritional needs. Students engage in case studies and nutrition assessment exercises.  
Prerequisite: BSCI 30130 and CHEM 30284 and NUTR 33512.  
Schedule Type: Lecture  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  
NUTR 43035  MEDICAL NUTRITION THERAPY II  3 Credit Hours (Slashed with NUTR 53035) Continued exploration of the nutrition care process, including relevant documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutritional needs. Students engage in case studies and nutritional assessments.  
Prerequisite: NUTR 43031.  
Schedule Type: Lecture, Laboratory  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
NUTR 43036  MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY  3 Credit Hours (Slashed with NUTR 53036) Course explores the mechanisms through which the macronutrients meet biological needs and how these related to applied human nutrition.  
Prerequisite: BSCI 30130 and CHEM 30284 and NUTR 33512.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
NUTR 43037  MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY  3 Credit Hours (Slashed with NUTR 53037) Course explores the mechanisms through which micronutrients meet human biological needs in the relationship to underlying applied human nutrition.  
Prerequisite: BSCI 30130 and CHEM 30284 and NUTR 33512.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
NUTR 43038  INTEGRATIVE AND FUNCTIONAL NUTRITION  2 Credit Hours (Slashed with NUTR 53038) Introduces the foundations of integrative and functional medicine as it relates to nutrition. Includes personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods, in addition to the interaction of food on supplement and drug efficacy.  
Prerequisite: NUTR 33510.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter
NUTR 43523  NUTRITION AND DIETETICS: PROFESSIONAL PRACTICE  
1 Credit Hour  
Development of professional awareness. Evaluation of professional growth and formulation of plans for continued growth.  
Prerequisite: Nutrition major; and senior standing.  
Schedule Type: Lecture  
Contact Hours: 1 lecture  
Grade Mode: Standard Letter  

NUTR 43524  NUTRITION AND DIETETICS: PROFESSIONAL PRACTICE  
2 Credit Hours  
Development of professional awareness, leadership and career goals. Evaluation of professional growth and formulation of plans for continued growth in the profession of nutrition and dietetics.  
Prerequisite: Nutrition major; and senior standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter  

NUTR 43532  METHODS AND EXPERIENCES IN NUTRITION OUTREACH  
3 Credit Hours  
(Slashed with NUTR 53532) Students learn methods for development and evaluation techniques used for nutrition outreach programming; the role of community nutrition education in public health; and the impact of nutrition programming on disease prevention and management. Students engage in service learning opportunities in community nutrition education.  
Prerequisite: Special approval.  
Schedule Type: Lecture, Practical Experience  
Contact Hours: 2.5 lecture, 4 other  
Grade Mode: Standard Letter  
Attributes: Experiential Learning Requirement  

NUTR 45092  PRACTICUM IN NUTRITION (ELR)  
1-3 Credit Hours  
Application of education in pre-professional experience in clinical, community and nutrition foodservice environments. Combination of nutrition experiences throughout the semester.  
Prerequisite: Special approval.  
Schedule Type: Practical Experience  
Contact Hours: 3-9 other  
Grade Mode: Standard Letter  

NUTR 51095  SPECIAL TOPICS IN NUTRITION  
1-4 Credit Hours  
(Repeatable for credit)(Slashed with NUTR 41095) Discussion of a major topic within a specific field in nutrition and dietetics. Topic varies per course offering.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 1-4 lecture  
Grade Mode: Standard Letter  

NUTR 51096  INDIVIDUAL INVESTIGATION IN NUTRITION  
1-3 Credit Hours  
(Repeatable for credit) Students undertake an independent study in an area of nutrition and dietetics that is not covered by a regular course offering, with the guidance of a Kent State faculty member.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter  

NUTR 53013  RESEARCH AND STATISTICAL METHODS IN NUTRITION  
3 Credit Hours  
(Slashed with NUTR 43013) Students gain experience in research methods related to nutrition and dietetics, principles of experimental design, data analysis and techniques of scientific writing.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

NUTR 53016  WORLD FOOD CUSTOMS AND NUTRITION  
3 Credit Hours  
(Slashed with NUTR 43016) Understanding the interrelationship between food and agricultural practices of racial, ethnic and religious populations globally.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

NUTR 53030  FOOD SERVICE SYSTEMS MANAGEMENT  
3 Credit Hours  
(Slashed with NUTR 43030)(Cross-listed with HM 43030 and HM 53030) Food service systems management, including systems theory; menu planning and evaluation; procurement; food production systems; sustainability; layout and design basics. Management concepts in non-commercial food service, including financial control, marketing, quality, management, leadership and human resources.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

NUTR 53511  MEDICAL NUTRITION THERAPY I  
3 Credit Hours  
(Slashed with NUTR 43511) Exploration of the nutrition care process, including documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutrition needs. Students engage in case studies and nutrition assessment exercises.  
Prerequisite: Graduate standing.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

NUTR 53512  MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY  
3 Credit Hours  
(Slashed with NUTR 43512) Course explores the mechanisms through which the macronutrients meet biological need and how these related to applied human nutrition.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
NUTR 53513  MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY  3 Credit Hours
(Slashed with NUTR 43513) Course explores the mechanisms through which micronutrients meet human biological needs in the relationship to underlying applied human nutrition.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 53514  MEDICAL NUTRITION THERAPY II  3 Credit Hours
(Slashed with NUTR 43514) Continued exploration of the nutrition care process, including relevant documentation, standardized language, nutrition assessment, interpretation of laboratory values and individualized patient care and planning for disease and nutritional needs. Students engage in case studies and nutritional assessments.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

NUTR 53515  COMMUNITY NUTRITION  3 Credit Hours
(Slashed with NUTR 43515) Introduction to nutrition problems and practices in the community. Principles and techniques of effective education, learning and behavior change theories and techniques. Includes an experiential laboratory component with a focus on planning, implementation, evaluation and outcomes in nutrition education, as well as nutrition communication, programming and counseling techniques.
Prerequisite: Graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

NUTR 53518  LIFECYCLE NUTRITION  3 Credit Hours
(Slashed with NUTR 43518) Explores the nutrition needs through growth, development and aging. Focus is on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood and older adulthood.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 53522  INTEGRATIVE AND FUNCTIONAL NUTRITION  2 Credit Hours
(Slashed with NUTR 43522) Introduces the foundations of integrative and functional medicine as it relates to nutrition. Includes personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods, in addition to the interaction of food on supplement and drug efficacy.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

NUTR 53532  METHODS AND EXPERIENCES IN NUTRITION OUTREACH  3 Credit Hours
(Slashed with NUTR 43532) Students learn methods for development and evaluation techniques used for nutrition outreach programming; the role of community nutrition education in public health; and the impact of nutrition programming on disease prevention and management. Students engage in service learning opportunities in community nutrition education.
Prerequisite: Nutrition major; and graduate standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.5 lecture, 4 other
Grade Mode: Standard Letter

NUTR 61016  RESEARCH METHODS IN NUTRITION I  3 Credit Hours
Introduces the foundations of research methods and statistics in nutrition sciences. Students are exposed to basic research methods related to quantitative and qualitative methods with an emphasis on quantitative methods. Basic statistical concepts are introduced with a focus on descriptive and inferential statistic common in nutrition science research. During the course, students start developing their thesis or research project.
Prerequisite: NUTR 61016; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 61017  RESEARCH METHODS IN NUTRITION II  3 Credit Hours
Course builds upon NUTR 61016 and develops understanding on important aspects of research methods and statistical tests used in nutrition and dietetics.
Prerequisite: NUTR 61016; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 61098  RESEARCH  1-15 Credit Hours
(Repeatable for credit) Research for master's-level students. Credit earned may be applied toward meeting degree requirements with school approval.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter

NUTR 61099  MASTER'S PROJECT  2-6 Credit Hours
(Repeatable for credit) Completion and successful defense of a master’s project. Master’s project students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Project or Capstone
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

NUTR 63199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP
NUTR 63299 THESIS II 2 Credit Hours
Students must continue registration each semester until all degree requirements are met.
Prerequisite: NUTR 63199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

NUTR 63518 ADVANCED SPORTS NUTRITION 3 Credit Hours
Course focuses on nutritional concepts and principles related to athletic performance including energy needs, metabolism, and utilization in sports, macronutrient needs and metabolism, micronutrient needs of athletes, nutrient timing considerations, hydration needs and practices and other special considerations.
Prerequisite: Graduation standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63519 ADVANCED STUDY OF MICRONUTRIENTS 3 Credit Hours
Course covers intake, digestion and absorption of nutrients.
Prerequisite: Nutrition major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63520 MACRONUTRIENT NUTRITION 3 Credit Hours
Course covers metabolic utilization of macronutrients for body processes.
Prerequisite: Nutrition major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63521 NUTRITION AND DISEASE: CLINICAL APPLICATIONS 3 Credit Hours
Recent trends and concepts in research and practice of therapeutic dietetics.
Prerequisite: Nutrition major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63522 COMMUNICATION, MANAGEMENT AND PROFESSIONALISM IN DIETETICS 3 Credit Hours
Explores the importance of communication in a variety of medias as it relates to leadership and management and overall professionalism in nutrition. The areas of management focus include foodservice, community and clinical nutrition management.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63524 PERSPECTIVE ON PREVENTION AND PRACTICE IN COMMUNITY NUTRITION 3 Credit Hours
Explores the relationship between nutritional epidemiology and the research, policies and programs for the successful treatment and prevention of nutrition related disease in the United States. Focuses on the behavioral and learning theories used in successful nutrition interventions and grant writing to sustain community programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63525 DIETETIC PRACTICE: COMMUNITY 1 Credit Hour
Discussion focusing on nutrition care in the community setting.
Evaluation and interpretation of the scientific literature.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 63526 DIETETIC PRACTICE: MANAGEMENT 1 Credit Hour
Discussion focusing on the management of food and nutrition services.
Evaluation and interpretation of the scientific literature.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 63527 DIETETIC PRACTICE: CLINICAL 1 Credit Hour
Discussion focusing on nutrition care in the acute practice setting.
Evaluation and interpretation of the scientific literature.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 63591 NUTRITION SEMINAR 1-3 Credit Hours
(Repeatable for credit) Evaluation and interpretation of recent literature in an area of nutrition. Topic varies per course offering.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

NUTR 63592 DIETETIC INTERNSHIP 1-4 Credit Hours
(Repeatable for credit) Supervised practice component of dietetic internship.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 12-48 other
Grade Mode: Satisfactory/Unsatisfactory

Speech Pathology and Audiology (SPA)

SPA 10002 INTRODUCTION TO COMMUNICATION DISORDERS AND DIFFERENCES 3 Credit Hours
An introduction to communication disorders and differences using a) case studies via film and video review and critique, b) lecture, and c) class discussions. Covers speech, language, swallowing and hearing disorders and cultural and linguistic differences in communication.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 33101 HEARING AND SPEECH SCIENCE 3 Credit Hours
Acoustics, psychoacoustics, and acoustics of speech production and perception.
Prerequisite: Admittance into the SPA professional phase (minimum 3.000 overall GPA at 60 credits).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34102 APPLIED PHONETICS 3 Credit Hours
Basic principles of speech production and phonetic transcriptions of English with the international phonetic alphabet; emphasis on general American dialect.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34103 ANATOMY AND PHYSIOLOGY OF SPEECH AND HEARING 3 Credit Hours
Functional anatomy and physiology of the respiratory, phonatory, articulatory, neural, and auditory systems as they are used with normal and abnormal speech and hearing.
Prerequisite: SPA 34104.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34104 SPEECH AND LANGUAGE ACQUISITION 3 Credit Hours
Normal development and linguistic analysis of language systems including phonology, morphology, syntax, semantics, and pragmatics.
Pre/corequisite: SPA 34102.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34105 PHONEMIC BASES OF SPEECH AND LANGUAGE 3 Credit Hours
Fundamental processes related to production and perception of spoken language, with parallels to writing and reading particular application to normal and hearing impaired children and adolescents. For nonmajors only.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34106 ARTICULATORY AND PHONOLOGICAL DISORDERS 3 Credit Hours
Assessment and remediation of disorders of articulation and phonology.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 34102 and SPA 34104.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34107 LANGUAGE DISORDERS IN CHILDREN AND ADOLESCENTS 3 Credit Hours
Introduction to assessment and intervention procedures associated with language disorders in children and adolescents.
Prerequisite: SPA 34104.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 34210 SPEECH AND LANGUAGE DEVELOPMENT 3 Credit Hours
Normal development and linguistic analysis of language systems including phonology, morphology, syntax, semantics, and pragmatics. This course is for non-speech pathology and audiology majors.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 43402 AUDIOMETRY 3 Credit Hours
(Slashed with SPA 53402) Measurement of human hearing by pure-tone and speech audiometry; evaluation of middle ear function by immittance audiometry; screening techniques; pathologies of the conductive and sensorineural systems.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 33101.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 43404 AURAL REHABILITATION 3 Credit Hours
Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 33101 and 34102 and 43402 (speech pathology and audiology majors) or 43600 (Education of Hearing Impaired majors).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 43405 CLINICAL PREPARATION IN AUDIOLOGY (ELR) 2 Credit Hours
Exercises and practical experiences in audiometric procedures, test interpretation, and Audiological diagnosis.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 hours).
Corequisite: SPA 43402.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

SPA 43600 FUNDAMENTALS OF EDUCATIONAL AUDIOLOGY 3 Credit Hours
Auditory development and function/dysfunction; auditory assessment and family counseling; selection and fitting of personal and classroom amplification; care and maintenance of amplification systems; collaboration of professionals in audiology and education; communication approaches according to varying levels of hearing loss; classroom environments conducive to auditory and academic learning.
Prerequisite: Junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 44010 SOCIAL COMMUNICATION DEVELOPMENT AND DISORDERS IN AUTISM SPECTRUM DISORDERS 3 Credit Hours
Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores the use of assistive technology to enhance social communicative functioning in those with ASD.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44020 MEDICAL ASPECTS OF AUTISM SPECTRUM DISORDERS 3 Credit Hours
(Cross-listed with SPED 44020) Description of medical issues facing individuals with autism spectrum disorders (ASD) and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with ASD.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44030 AUTISM SPECTRUM DISORDERS OVER THE LIFESPAN 3 Credit Hours
Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with ASD. Students learning skills necessary to evaluate and develop programs designed to meet the changing and long term needs of those with ASD.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPEECH PATHOLOGY AND AUDIOLOGY (DIVG) (ELR) 1-4 Credit Hours
(Slashed with SPA 54089 and SPA 74089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: None.
Schedule Type: International Experience
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP
Attributes: Diversity Global, Experiential Learning Requirement

SPA 44096 INDEPENDENT STUDY: SPEECH PATHOLOGY AND AUDIOLOGY 1-6 Credit Hours
(Repeatable for credit) Readings and/or research on problems approved by chairman of department in consultation with student’s adviser and project director.
Prerequisite: Speech pathology and audiology major and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-18 other
Grade Mode: Standard Letter-IP

SPA 44100 SPEECH SCIENCE 3 Credit Hours
Consideration of physiological and acoustic characteristics of normal speech production and perception with implications for speech and hearing disorders.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits); and SPA 34102 and SPA 34106.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44111 NEURAL PROCESSES 3 Credit Hours
(Slashed with SPA 54111) Anatomy and physiology of the nervous system underlying human neuromotor movements. Topics include: definition and fundamental concepts, afferent and efferent systems, cortical anatomy and function, cranial nerves, theories of brain function, and neural maturation and learning.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44112 AGE-RELATED CHANGES IN COMMUNICATION 3 Credit Hours
Nonpathological age-related changes in speech, language and voice. Topics include structural changes in orofacial, laryngeal and respiratory mechanism; sequela for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.
Prerequisite: Admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44130 COMMUNICATION DISORDERS OF THE AGING 2 Credit Hours
Hearing, speech and language disorders in geriatric population. Symptoms, causes and treatment: normal changes in hearing, language and speech accompanying aging process.
Prerequisite: Senior standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 44310 CLINICAL PROCEDURES IN SPEECH PATHOLOGY 3 Credit Hours
This course addresses evaluation and intervention procedures in the field of speech-language pathology across the lifespan.
Prerequisite: Admittance into the admittance into the speech pathology and audiology professional phase (minimum 3.000 overall GPA at 60 credits) professional phase (minimum 3.000 overall GPA at 60 credits); and Senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 44311  CLINICAL PREPARATION IN SPEECH-LANGUAGE PATHOLOGY (ELR) (WIC)  2 Credit Hours
The course covers the essential professional written communication associated with evaluation and intervention methodology for individuals with communication disorders.
Prerequisite: Admittance into the speech pathology and audiology professional phase (3.00 overall GPA at 60 hours).
Corequisite: SPA 44310.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement, Writing Intensive Course

SPA 53402  AUDIOIMETRY  3 Credit Hours
(Slashed with SPA 43402) Measurement of human hearing by puretone and speech audiometry; evaluation of middle ear function by immittance audiometry; screening techniques; pathologies of the conductive and sensorineural systems.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 54010  SOCIAL COMMUNICATION DEVELOPMENT AND DISORDERS IN AUTISM SPECTRUM DISORDERS  3 Credit Hours
Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores the use of assistive technology to enhance social communicative functioning in those with ASD.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 44310  CLINICAL PREPARATION IN SPEECH-LANGUAGE PATHOLOGY (ELR) (WIC)  2 Credit Hours
The course covers the essential professional written communication associated with evaluation and intervention methodology for individuals with communication disorders.
Prerequisite: Admittance into the speech pathology and audiology professional phase (3.00 overall GPA at 60 hours).
Corequisite: SPA 44310.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement, Writing Intensive Course

SPA 53404  AURAL REHABILITATION  3 Credit Hours
Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals.
Prerequisite: Education of hearing impaired majors: SPA 43600; speech pathology and audiology majors: SPA 33101 and SPA 34102 and SPA 43402; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 54096  INDEPENDENT STUDY: SPEECH PATHOLOGY AND AUDIOLOGY  1-6 Credit Hours
(Repeatable for credit) Readings and/or research on problems approved by chair of department in consultation with student's adviser and project director.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-18 other
Grade Mode: Standard Letter-IP

SPA 54110  SPEECH SCIENCE  3 Credit Hours
Consideration of physiological and acoustic characteristics of normal speech production and perception with implications for speech and hearing disorders.
Prerequisite: SPA 34102 and 34106; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 54111  NEURAL PROCESSES IN SPEECH AND LANGUAGE  3 Credit Hours
Anatomy and physiology of the nervous system underlying speech and language. Topics include: definition and fundamental concepts, afferent and efferent systems, cortical anatomy and function, cranial nerves, theories of brain function and neural maturation and learning.
Prerequisite: SPA 34103 or special approval of the instructor; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 54112  AGE-RELATED CHANGES IN COMMUNICATION  3 Credit Hours
Nonpathological age-related changes in speech, language and voice. Topics include: structural changes in orofacial, laryngeal and respiratory mechanisms; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 54130  COMMUNICATION DISORDERS OF THE AGING  2 Credit Hours
Hearing, speech and language disorders in geriatric population. Symptoms, causes and treatment: normal changes in hearing, language and speech accompanying aging process.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 54130  COMMUNICATION DISORDERS OF THE AGING  2 Credit Hours
Hearing, speech and language disorders in geriatric population. Symptoms, causes and treatment: normal changes in hearing, language and speech accompanying aging process.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 63691  SEMINAR IN AUDIOLOGY  3 Credit Hours
(Repeatable for a maximum of 12 credit hours) Research, readings and discussion in any of these areas: aural rehabilitation, amplification, psychoacoustics, auditory physiology, medical audiology, hearing conservation.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter
SPA 64091  SEMINAR IN COMMUNICATION DISORDERS  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Special topics seminar for advanced students in speech-language pathology and audiology. Presentations and discussion of research projects are required.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64093  WORKSHOP IN COMMUNICATION DISORDERS  1-3 Credit Hours
(Repeatable for credit) Variable topic workshop offered when need arises, either on or off campus to update training in a particular area of speech pathology.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

SPA 64096  INDIVIDUAL INVESTIGATION: SPEECH PATHOLOGY AND AUDIOLOGY  1-6 Credit Hours
(Repeatable for a maximum of 12 credit hours) Independent study of topics to be selected in consultation with graduate faculty.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 64098  RESEARCH  1-15 Credit Hours
(Repeatable for credit) Research or individual investigation for master’s level graduate students.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 64191  SEMINAR: NEUROGENIC COMMUNICATION DISORDERS  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Reading and discussion seminar on swallowing disorders and the communication disorders relating to aphasia, apraxia, dysarthria, closed head injury, right brain damage and dementia.
Prerequisite: SPA 64301; and graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 64291  SEMINAR: CHILD LANGUAGE  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Topics are selected for class investigation from the areas of child language development or disorders.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: SPA 64199; and graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 64301  APHASIA  3 Credit Hours
Neuroanatomy, etiologies, symptomologies, evaluation procedures and treatment techniques relating to aphasia in adults.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64302  LANGUAGE ASSESSMENT AND INTERVENTION IN EARLY CHILDHOOD  3 Credit Hours
Methods of language assessment and intervention for infants, toddlers and preschoolers who are either at risk or diagnosed as presenting language delays or disabilities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64303  DISORDERS OF ARTICULATION AND PHONOLOGY  3 Credit Hours
Diagnosis and remediation of children's articulation and phonological disorders.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64304  ACQUIRED COGNITIVE COMMUNICATIVE IMPAIRMENTS  3 Credit Hours
Cognitive functions and etiologies, symptomologies, evaluation and treatment methods related to adults with cognitive communicative disorders subsequent to right hemisphere damage, traumatic brain injury, dementia and related impairments.
Prerequisite: Speech language pathology major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64305  FLUENCY DISORDERS  3 Credit Hours
Nature, theories and their derived therapeutic approaches to the treatment of fluency disorders.
Prerequisite: Speech language pathology major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64306  VOICE DISORDERS  2 Credit Hours
Normal aspects of voice production, etiology and symptomatology of voice disorders, diagnostic procedures and management techniques.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
SPA 64307  DYSARTHRIA  1 Credit Hour
Neuro-anatomy, etiologies, symptomatologies, evaluation procedures and
treatment techniques relating to dysarthria in adults.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPA 64308  LANGUAGE ASSESSMENT AND INTERVENTION WITH
SCHOOL-AGE POPULATIONS  3 Credit Hours
Theoretical background knowledge and practical assessment and
intervention techniques for school-age children who demonstrate
language disorders.
Prerequisite: SPA 34107; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64309  AUTISM SPECTRUM DISORDERS: THEORY AND
DIAGNOSIS  3 Credit Hours
(Cross-listed with SPA 74309 and SPED 64309) (Slashed with
SPED 44309) Provides an overview of autism spectrum disorders (ASD).
Examines the history, characteristics, and prevalence of ASD. The
different theoretical models for understanding ASD are explored as they
relate to assessment and intervention.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64310  AUTISM SPECTRUM DISORDERS: LIFESPAN
INTERVENTIONS  3 Credit Hours
(Cross-listed with SPED 64310) (Slashed with
SPA 74310) Provides students with a review of the significant aspects related to educational,
social, vocational transitions for children, adolescents, and young adults
with autism spectrum disorders (ASD). Students learn skills necessary to
evaluate and develop programs designed to meet the changing and long
term needs of individuals with ASD.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64311  AUTISM SPECTRUM DISORDERS  2 Credit Hours
Provides an overview of the social, communication, and language
needs of those with autism spectrum disorder. Reviews contemporary
assessment and intervention strategies. This course is designed to
prepare preservice speech language pathologists with foundational
information about autism spectrum disorders.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 64312  MOTOR SPEECH DISORDERS IN CHILDREN AND ADULTS
3 Credit Hours
(Slashed with SPA 74312) Anatomic and physiologic bases of congenital
and acquired motor speech disorders. Etiology, symptomatology,
evaluation and treatment techniques related to variety of motor speech
disorders in children and adults.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64354  PEDIATRIC MEDICAL ISSUES  2 Credit Hours
Nature and rehabilitative procedures for speech-language pathology
practice with pediatric medical issues, including dysphagia, maxillofacial
anomalies, and resonance disorders.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 64356  ADULT DYSPHAGIA  3 Credit Hours
(Slashed with SPA 74356) Anatomy, etiologies, symptomatologies,
evaluation procedures and treatment techniques relating to swallowing
in adults.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64391  SEMINAR:ARTICULATION AND PHONOLOGY
1-3 Credit Hours
(Repeatable for credit) Supervised clinical practice with patients who
have speech, hearing or language problems.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPA 64491  SEMINAR:ORGANIC SPEECH DISORDERS  1-3 Credit
Hours
(Repeatable for credit)A revolving topics seminar on theoretical and/or
clinical issues related to neurogenic/organic speech and/or language
 disorders.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPA 64492  CLINICAL PRACTICE IN SPEECH PATHOLOGY AND
AUDIOLOGY  1-12 Credit Hours
(Repeatable for credit) Supervised clinical practice with patients who
have speech, hearing or language problems.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 1-12 other
Grade Mode: Standard Letter

SPA 64500  NORMAL LANGUAGE PROCESSES  3 Credit Hours
Examines current theory and research specific to normal human
development from birth to age 21. Significant neurological, cognitive,
social, linguistic, emotional, literacy, and motor developmental changes
are explored.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 64501 SOCIAL COMMUNICATION ASPECTS OF AUTISM SPECTRUM DISORDER 3 Credit Hours
(Slashed with SPA 74501) Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores use of assistive technology to enhance social communicative functioning in those with ASD.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64504 ADVANCED SPEECH AND VOICE SCIENCE 3 Credit Hours
Application of normal and disordered speech, swallowing, and voice production and perception; survey of literature; theories of production and perception.
Prerequisite: SPA 54110; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64525 PUBLIC SCHOOL TECHNIQUES IN COMMUNICATION DISORDERS:INQUIRY INTO PROFESSIONAL PRACTICE 3 Credit Hours
Inquiry into speech pathology and audiology as practiced in the school setting; emphasis on speech language pathologist or audiologist as disciplined investigator. Combination of themes including organizational procedures, therapy techniques, collaboration, ethics and research.
Prerequisite: Graduate standing; and special approval.
Corequisite: SPA 64528.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64591 SEMINAR:FLUENCY DISORDERS 1-3 Credit Hours
(Repeatable for a maximum 9 credit hours) Seminar dealing with the theoretical and applied aspects of fluency disorders in children and adults.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64592 STUDENT TEACHING IN SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY 8 Credit Hours
Inquiry into speech pathology and audiology as practiced in the school setting; emphasis on speech language pathologist or audiologist as disciplined investigator. Combination of themes including organization, procedures, therapy techniques, collaboration, ethics and research. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: Graduate standing; and special approval.
Corequisite: SPA 64525.
Schedule Type: Practical Experience
Contact Hours: 40 other
Grade Mode: Satisfactory/Unsatisfactory

SPA 64600 RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY 3 Credit Hours
Methodologies for collecting, analyzing and interpreting data for clinical and research purposes in speech language pathology and audiology.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64691 SEMINAR:VOICE DISORDERS 1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Current literature review and discussions dealing with varying topics ranging from normal aspects of phonation in various populations to disorders of voice and their diagnosis and treatment.
Prerequisite: SPA 6/74306; and graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64791 SEMINAR:SPEECH SCIENCE 1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Consideration of selected topics related to physiological, anatomical and acoustic aspects of speech production and perception.
Prerequisite: SPA 4/54110 and SPA 6/74504; graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter-S/U-IP

SPA 64891 SEMINAR:COMMUNICATION MODALITIES AND ASSISTIVE TECHNOLOGY 3 Credit Hours
(Repeatable for credit) Nature, etiologies and correlates of speech/language communication disorders and differences that may indicate a need for a multi-modal communication approach. Includes an emphasis on assistive technology for communication, language, learning and literacy.
Prerequisite: SPA 64500 and SPA 64302; and graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 64991 SEMINAR:CRITICAL TOPICS IN SPEECH LANGUAGE 1-3 Credit Hours
(Repeatable for credit) Principles and methods of assessment and intervention for various topics in speech-language pathology from critical thinking and case-study framework.
Prerequisite: Speech pathology and audiology major only; and graduate standing; and instructor special approval.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP
SPA 65092  CLINICAL PRACTICUM I IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Slashed with SPA 75092) (Repeatable twice for credit) Supervised, introductory clinical experience in assessment and intervention with populations within the Scope of Practice of speech language pathology per the current practice policy of the American Speech Language Hearing Association. To facilitate clinical competency and accrual of required clinical clock hours per current ASHA standards, students are expected to enroll in Clinical Practicum each semester that they are not enrolled in Externship or Student Teaching. A grade of B or better in this course is required for permission to register in SPA 65192.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65192  CLINICAL PRACTICUM II IN SPEECH AND LANGUAGE PATHOLOGY  2-3 Credit Hours
(Slashed with SPA 75192) (Repeatable twice for credit) This course includes additional supervised, hands on clinical experience with clients in on campus clinics. Student clinicians are provided with opportunities to demonstrate increased independence in clinical decision making and performance. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for registration in SPA 65292.
Prerequisite: SPA 65092 with a minimum C grade; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65292  CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Slashed with SPA 75292) (Repeatable twice for credit) Includes additional supervised, hands on clinical experience with clients in on campus clinics and or off-campus, supervised clinical experience in sites such as schools or long term care facilities. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that reflect readiness for Externship or Student Teaching experiences. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for permission to register in the following courses: Clinical Practicum IV in Speech Language Pathology SPA 65392, Externship in Speech Language Pathology: Adult SPA 65492, Externship in Speech Language Pathology: Pediatric SPA 65592, Student Teaching in Speech Language Pathology SPA 64528.
Prerequisite: SPA 65292 with a minimum B grade; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65392  CLINICAL PRACTICUM IV IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Slashed with SPA 75392) (Repeatable twice for credit) This supervised, hands on clinical experience with clients in on campus clinics or off campus sites is for second year graduate students who are not yet scheduled for externship or student teaching. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that are reflective of readiness for externship or student teaching experiences. A grade of B or better in this course is required for permission to register in the following courses: Externship in speech language pathology: adult SPA 65492, externship in speech language pathology: pediatric SPA 65592, student teaching in speech language pathology SPA 64528.
Prerequisite: SPA 65292 with a minimum B grade; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65492  EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: ADULT 4-8 Credit Hours
(Slashed with SPA 75492) (Repeatable once for credit) Considered a culminating clinical experience. Includes supervised, hands-on clinical experience with patients in adult care settings such as hospitals, rehabilitation and long term care facilities.
Prerequisite: SPA 65292 or SPA 65392 with a minimum B grade; and graduate standing; and permission.
Schedule Type: Practical Experience
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP

SPA 65592  EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: PEDIATRIC 4-8 Credit Hours
(Slashed with SPA 75592) (Repeatable once for credit) Considered a culminating clinical experience. Students may choose this course as an alternative to student teaching in speech-language pathology. Includes supervised, hands-on clinical experience with children and adolescents in pediatric care settings such as hospitals and other habilitation and rehabilitation facilities.
Prerequisite: SPA 65292 or SPA 65392 with a minimum B grade; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP

SPA 70192  GRADUATE AUDIOLOGIST I  3 Credit Hours
Supervised clinical practicum in audiology which encompasses audiologic assessments and audiologic habilitation.
Prerequisite: SPA 70792; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

SPA 70292  GRADUATE AUDIOLOGIST II  3 Credit Hours
Supervised clinical practicum in audiology requiring the independent performance of audiologic assessment procedures, audiologic rehabilitation and vestibular assessment and rehabilitation.
Prerequisite: SPA 70192; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter
SPA 70392 GRADUATE AUDIOLOGIST III 6 Credit Hours
Supervised clinical practicum in audiology which encompasses the entire range of audiologic procedures including neurophysiological based procedures.  
Prerequisite: Passing score of 600 or higher on the PRAXIS examination; and SPA 70292; and doctoral standing; and special approval.  
Corequisite: SPA 70791.  
Schedule Type: Practical Experience  
Contact Hours: 18 other  
Grade Mode: Standard Letter

SPA 70492 GRADUATE AUDIOLOGIST IV 8 Credit Hours
Full-time clinical practicum in audiology at an off-campus site. Students taking the course must have successfully completed the Praxis Examination.  
Prerequisite: SPA 70392; and doctoral standing.  
Corequisite: SPA 70791.  
Schedule Type: Practical Experience  
Contact Hours: 24 other  
Grade Mode: Standard Letter

SPA 70592 GRADUATE AUDIOLOGIST V 8 Credit Hours
Full-time external audiology clinical placement with a licensed and appropriately credentialed preceptor who provides clinical teaching. This experience provides a capstone learning experience in the full scope of practice in the profession of audiology.  
Prerequisite: SPA 70492; and doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 24 other  
Grade Mode: Standard Letter

SPA 70615 CENTRAL AUDITORY PROCESSING EVALUATION AND MANAGEMENT 2 Credit Hours
Study of audiologic evaluation and (re)habilitation procedures for people with central auditory processing disorders.  
Prerequisite: SPA 70705 and SPA 70706; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter

SPA 70616 HEARING AID FITTING AND SELECTION ACROSS THE LIFESPAN 4 Credit Hours
Examination of the theory and practice of fitting hearing aids across the lifespan. Emphasis on special clinical procedures, research needs and evolving technology in hearing instruments.  
Prerequisite: Admission to the audiology major; and SPA 70713; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 4 lecture  
Grade Mode: Standard Letter

SPA 70618 IMPLANTABLE TECHNOLOGY 4 Credit Hours
Study of implantable devices in children and adults including equipment, candidacy, programming, fitting, and troubleshooting.  
Prerequisite: Admission to the audiology major; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 4 lecture  
Grade Mode: Standard Letter

SPA 70627 MULTICULTURAL ISSUES IN AUDIOLOGY 2 Credit Hours
An introduction to varying cultures and the audiologist's roles and responsibilities in planning treatment with a member of these cultures.  
Prerequisite: Admission to the audiology major; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter

SPA 70630 PRACTICE MANAGEMENT IN AUDIOLOGY 3 Credit Hours
Study of issues which impact the management of audiological practices, including establishing a private practice, reimbursement, marketing, record keeping and professional liability.  
Prerequisite: Admission to the audiology major; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPA 70691 SEMINAR IN AUDIOLOGY 2 Credit Hours
(Repeatable for credit) Selected current topics in audiology with emphasis on review of current literature.  
Prerequisite: Admission to the AUD program or special approval of the instructor; and doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 2 other  
Grade Mode: Standard Letter

SPA 70692 INTERNSHIP IN AUDIOLOGY 2 Credit Hours
(Repeatable for credit) Supervised practicum in audiology requiring the independent performance of basic audiologic procedures, including hearing aid management.  
Prerequisite: SPA 70744; and doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 18 other  
Grade Mode: Standard Letter

SPA 70701 BASIC AND APPLIED PHYSICAL ACOUSTICS FOR AUDIOLOGY 4 Credit Hours
Study of physical acoustics, basic electricity and electronics, as well as principles, methodology, calibration and maintenance of audiologic equipment.  
Prerequisite: Admission to the AUD program or special approval of the instructor; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 4 lecture  
Grade Mode: Standard Letter

SPA 70702 ANATOMY AND PHYSIOLOGY OF PERIPHERAL AUDITORY AND VESTIBULAR SYSTEMS 4 Credit Hours
A study of the anatomy, biophysics and physiology of the auditory and vestibular systems.  
Prerequisite: Admission to the Audiology program; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 4 lecture  
Grade Mode: Standard Letter

SPA 70703 SPEECH ACOUSTICS AND SPEECH PERCEPTION 2 Credit Hours
Study of the nomenclature, acoustics, measurement, and perception of speech sounds and their impact and interpretation in audiology.  
Prerequisite: Admission to the audiology program; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter
SPA 70704 CRITICAL ANALYSIS OF RESEARCH IN AUDIOLOGY  2 Credit Hours
General introduction to the research process with an emphasis on acquiring a reading knowledge of research and an ability to evaluate research.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70705 AUDITORY DISORDERS  2 Credit Hours
Study of conditions/diseases that can affect the auditory system.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70706 ANATOMY AND PHYSIOLOGY UNDERLYING NEURO-OOTOLOGY  4 Credit Hours
An in-depth study of the anatomy and physiology of the central auditory and vestibular nervous system (includes 1 hour lab.)
Prerequisite: SPA 70702; and doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 4 other
Grade Mode: Standard Letter

SPA 70707 PSYCHOACOUSTICS  3 Credit Hours
Study of the principles, procedures and research of psychoacoustics; the relationships between the physical dimensions of auditory stimuli and the resultant perceptual experience with normal and impaired hearing.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70708 CRITICAL ANALYSIS OF RESEARCH  2 Credit Hours
Development of a reading knowledge of research and the ability to evaluate the quality of research studies.
Prerequisite: SPA 70704; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70709 AUDIOLOGIC ASSESSMENT  3 Credit Hours
Theoretical basis for tests underlying basic audiologic assessments.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70710 INDUSTRY AND COMMUNITY NOISE  3 Credit Hours
Theoretical principles of noise measurement; etiology of noise-induced hearing loss and acoustic trauma; industrial hearing conservation programs; occupational safety and health act; community and recreational noise evaluation and management.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70711 SPEECH-LANGUAGE PATHOLOGY FOR THE AUDIOLOGIST  3 Credit Hours
Examination of normal and abnormal aspects of speech and language including their impact on auditory function and testing.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70712 DIAGNOSIS OF AUDITORY DISORDERS  3 Credit Hours
Underlying theory and principles of administration and interpretation of site-of-lesion tests.
Prerequisite: SPA 70709; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70713 HEARING AID TECHNOLOGY  4 Credit Hours
Study of amplification systems for the hearing impaired.
Prerequisite: SPA 70701; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

SPA 70714 GERONTOLOGICAL ISSUES IN AUDIOLOGY  3 Credit Hours
Physiological, psychological and sociological theories of aging with a focus on the etiology, symptomatology, assessment and rehabilitation of older adults with hearing impairments.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70715 CENTRAL AUDITORY PROCESSING: EVALUATION AND MANAGEMENT  3 Credit Hours
Study of audiologic evaluation and habilitation/rehabilitation procedures for people having central auditory disabilities.
Prerequisite: SPA 70705 and SPA 70706; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70716 ADULT HEARING-AID FITTING AND SELECTION  3 Credit Hours
Examination of the theory and practice of fitting hearing aids. Emphasis on special clinical procedures research needs and evolving technology in hearing instruments. Includes a one hour lab.
Prerequisite: SPA 70713; and doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 70717 PEDIATRIC AUDIOLOGY  3 Credit Hours
Study of audiologic diagnostic and auditory habilitative protocols for the birth to 3 population. Both assessment and management strategies will be emphasized.
Prerequisite: SPA 70709; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 70718 COCHLEAR IMPLANTS 2 Credit Hours
Study of cochlear implants in children and adults including equipment, candidacy, mapping and overview of (re)habilitation.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70719 COUNSELING IN AUDIOLOGY 3 Credit Hours
Focus on interviewing, counseling and interacting with individuals with hearing impairments their families and significant others.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70720 PEDIATRIC AMPLIFICATIONS 3 Credit Hours
The focus of study is on amplification systems and fitting techniques for the pediatric population.
Prerequisite: SPA 70713 and SPA 70716 and SPA 70717; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70721 EVALUATION AND MANAGEMENT OF BALANCE DISORDERS 3 Credit Hours
Study of the balance mechanism; differential diagnostic assessment of balance disorders including electronystagmography, posturography and rotational testing; rehabilitation of the balance disordered patient (1 hour lab included.)
Prerequisite: Admission to the AUD program or special approval of instructor; and doctoral standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 70722 AUDIOLOGIC MANAGEMENT OF THE SCHOOL-AGE CHILD 3 Credit Hours
Focus on educational audiology. Features delivery of audiologic services designed to access the school environment for children ages 4-21.
Prerequisite: SPA 70717; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70723 AUDIOLOGIC TREATMENT OF ADULTS 3 Credit Hours
Study of current methodologies employed in the audiologic rehabilitation of adults with hearing impairments. Implementation of remedial strategies is emphasized.
Prerequisite: SPA 70716 or doctoral standing; and special approval of instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70724 HISTORY OF AUDIOLOGY 1 Credit Hour
An examination of the history of deafness/hearing impairment and the profession of audiology
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPA 70725 MEDICAL MANAGEMENT OF AUDITORY DISORDERS 2 Credit Hours
A study of the multidisciplinary approach to medical/surgical management of patients with auditory and vestibular disorders.
Prerequisite: SPA 70712; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70726 ELECTROPHYSIOLOGICAL TECHNIQUES IN AUDIOLOGY 3 Credit Hours
Study of evoked responses used in diagnostic audiology, including ABR, MLR,ECHOCHG, ENOG, ALR, P300, VER, and SSER.
Prerequisite: SPA 70706; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70727 CULTURAL ISSUES IN DEAFNESS 2 Credit Hours
An introduction to deaf culture and the audiologist's roles and responsibilities in planning treatment with a member of the deaf community.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70730 PRACTICE MANAGEMENT IN AUDIOLOGY 4 Credit Hours
Study of issues which impact the management of audiological practices, including establishing a private practice, reimbursement, marketing, record keeping and professional liability.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

SPA 70732 AUDIOLOGIC TREATMENT ACROSS THE LIFESPAN 4 Credit Hours
Study of current methodologies employed in the audiologic treatment of people with hearing loss across the lifespan. Implementation of remedial strategies is emphasized.
Prerequisite: Admission to the audiology major; and SPA 70616; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

SPA 70733 ADVANCED ELECTROPHYSIOLOGIC AND VESTIBULAR MEASURES 4 Credit Hours
Advanced considerations in balance function assessment and management and in the study of evoked responses used in diagnostic audiology.
Prerequisite: Admission into the audiology program; and SPA 70726 and SPA 70721; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter
SPA 70734 PRINCIPLES IN PRECEPTING  1 Credit Hour
Examination of the concepts and practices essential to the preceptor role. Emphasis on professional standards, adult learning theories, communication styles, ethical principles, and the multiple roles of a preceptor (educator, role model, mentor, facilitator and evaluator).
Prerequisite: Admission into the audiology major; and SPA 70748; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPA 70753 LABORATORY FOR ELECTROPHYSIOLOGICAL TECHNIQUES IN AUDIOLOGY  1 Credit Hour
Laboratory exercises for the assessment of auditory disorders including electrocochleography, the auditory brainstem response and auditory steady state responses.
Prerequisite: Audiology major; and doctoral standing.
Corequisite: SPA 70726.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

SPA 70754 LABORATORY FOR EVALUATION AND MANAGEMENT OF BALANCE DISORDERS  1 Credit Hour
Laboratory exercises for the assessment of balance disorders including videonystagmography, posturography and informal evaluations; approaches for the rehabilitation and treatment of the balance disordered patient.
Prerequisite: Audiology major; and doctoral standing.
Corequisite: SPA 70721.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

SPA 70755 LABORATORY FOR ADVANCED ELECTROPHYSIOLOGIC AND VESTIBULAR MEASURES  1 Credit Hour
Laboratory exercises for the assessment, management and treatment of auditory and vestibular disorders including early, middle and late auditory evoked potentials and advanced vestibular measures.
Prerequisite: Audiology major; and doctoral standing.
Corequisite: SPA 70733.
Schedule Type: Laboratory
Contact Hours: 3 lab
Grade Mode: Standard Letter

SPA 70791 FOURTH YEAR SEMINAR  1 Credit Hour
(Repeatable for credit) In-depth consideration of topics/issues in the practice of audiology with emphasis upon issues related to clinical rotation.
Prerequisite: Doctoral standing; and special approval.
Corequisite: SPA 70750 or SPA 70751.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Standard Letter

SPA 70792 INTERNSHIP IN AUDIOLOGY  2 Credit Hours
(Repeatable for credit) Supervised clinical practicum in audiology requiring the independent performance of diagnostic, hearing aids and audiological rehabilitation procedures. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.
Prerequisite: SPA 70692; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Standard Letter-IP

SPA 70798 RESEARCH PROJECT IN AUDIOLOGY  3 Credit Hours
(Repeatable for credit) Completion of a doctoral research project including data collection, analysis write-up and oral presentation.
Prerequisite: Admission to the AUD program; and doctoral standing.
Schedule Type: Research
Contact Hours: 3 other
Grade Mode: Standard Letter-IP

SPA 70892 INTERNSHIP III  2 Credit Hours
Clinical practicum in audiology during which students perform discrete tasks under supervision.
Prerequisite: Admission to the audiology major; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Standard Letter

SPA 70992 INTERNSHIP IV  2 Credit Hours
Clinical practicum in audiology during which students perform discrete tasks under supervision.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Standard Letter

SPA 73691 SEMINAR IN AUDIOLOGY  3 Credit Hours
(Repeatable for credit) Supervised clinical practicum in audiology requiring the independent performance of diagnostic, hearing aids and audiological rehabilitation procedures. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 74089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPEECH PATHOLOGY AND AUDIOLOGY  1-4 Credit Hours
(Repeatable for credit) (Slashed with SPA 44089 and SPA 54089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre-and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: Doctoral standing.
Schedule Type: International Experience
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP
SPA 74093  WORKSHOP IN COMMUNICATION DISORDERS  1-3
Credit Hours
(Repeatable for credit)Variable topic workshop offered when need arises, either on or off campus to update training in a particular area of speech pathology.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

SPA 74191  SEMINAR:NEUROGENIC COMMUNICATION DISORDERS  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours)Reading and discussion seminar on swallowing disorders and the communication disorders relating to aphasia, apraxia, dysarthria, closed head injury, right brain damage and dementia.
Prerequisite: SPA 64301; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 74291  SEMINAR:CHILD LANGUAGE  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours) Topics are selected for class investigation from the areas of child language, development or disorders.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 74301  APHASIA  3 Credit Hours
Neuroanatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to aphasia in adults.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74302  LANGUAGE ASSESSMENT AND INTERVENTION IN EARLY CHILDHOOD  3 Credit Hours
Methods of language assessment and intervention for infants, toddlers and preschoolers who are either at risk or diagnosed as presenting language delays or disabilities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74303  DISORDERS OF ARTICULATION AND PHONOLOGY  3 Credit Hours
Diagnosis and remediation of children's articulation and phonological disorders.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74304  ACQUIRED COGNITIVE COMMUNICATIVE IMPAIRMENTS  3 Credit Hours
Cognitive functions and etiologies, symptomatologies, evaluation and treatment methods related to adults with cognitive communicative disorders subsequent to right hemisphere damage, traumatic brain injury, dementia and related impairments.
Prerequisite: Speech language pathology major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74305  FLUENCY DISORDERS  3 Credit Hours
Nature, theories and their derived approaches to the assessment and treatment of fluency disorders.
Prerequisite: Speech language pathology major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74306  VOICE DISORDERS  2 Credit Hours
Normal aspects of voice production, etiology and symptomatology of voice disorders, diagnostic procedures and management techniques.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 74307  DYSARTHRIA  1 Credit Hour
Neuro-anatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to dysarthria in adults.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPA 74308  LANGUAGE ASSESSMENT AND INTERVENTION WITH SCHOOL-AGE POPULATIONS  3 Credit Hours
Theoretical background knowledge and practical assessment and intervention techniques for school-age children who demonstrate language disorders.
Prerequisite: SPA 34107; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74309  AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS  3 Credit Hours
(Cross-listed with SPED 44309 and SPED 64309) (Slashed with SPA 64309) Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 74310 AUTISM SPECTRUM DISORDERS: LIFESPAN INTERVENTIONS  3 Credit Hours
(Cross-listed with SPA 64310) (Slashed with SPED 64310) Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with autism spectrum disorders (ASD). Students learn skills necessary to evaluate and develop programs designed to meet the changing and long term needs of individuals with ASD.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74312 MOTOR SPEECH DISORDERS IN CHILDREN AND ADULTS  3 Credit Hours
(Slashed with SPA 64312) Anatomic and physiologic bases of congenital and acquired motor speech disorders. Etiology, symptomatology, evaluation and treatment techniques related to variety of motor speech disorders in children and adults.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74354 PEDIATRIC MEDICAL ISSUES  2 Credit Hours
Nature and rehabilitative procedures for speech-language pathology practice with pediatric medical issues, including dysphagia and maxillofacial anomalies and resonance disorders.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 74356 ADULT DYSPHAGIA  3 Credit Hours
Anatomy, etiologies, symptomatologies, evaluation procedures and treatment techniques relating to swallowing disorders in adults.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74391 SEMINAR:ARTICULATION AND PHONOLOGY  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours)Critical review and application of systems and methods for assessment and remediation of articulation and phonological disorders.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 74491 SEMINAR:ORGANIC SPEECH DISORDERS  1-3 Credit Hours
(Repeatable for credit)A revolving topics seminar on theoretical and/or clinical issues related to neurogenic/organic speech and/or language disorders.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 74492 CLINICAL PRACTICE IN SPEECH PATHOLOGY AND AUDIOLOGY  1-12 Credit Hours
(Repeatable for credit) Supervised clinical practice with patients who have speech, hearing or language problems.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 1-12 other
Grade Mode: Standard Letter-IP

SPA 74500 NORMAL LANGUAGE PROCESSES  3 Credit Hours
Examines current theory and research specific to normal human development from birth to age 21. Significant neurological, cognitive, social, linguistic, emotional, literacy, and motor developmental changes are explored.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74501 SOCIAL COMMUNICATION ASPECTS OF AUTISM SPECTRUM DISORDER  3 Credit Hours
Provides an understanding of the social, communication, and language needs of those with ASD from childhood through adulthood. Examines the cognitive, neurological, social, and environmental components influencing social, communicative functioning. Reviews contemporary assessment and intervention strategies. Explores use of assistive technology to enhance social communicative functioning in those with ASD.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74504 ADVANCED SPEECH AND VOICE SCIENCE  3 Credit Hours
Application of normal and disordered speech, swallowing, and voice production and perception; survey of literature; theories of production and perception.
Prerequisite: SPA 4/54110; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 74591 SEMINAR:FLUENCY DISORDERS  1-3 Credit Hours
(Repeatable for a maximum of 9 credit hours)Seminar dealing with the theoretical and applied aspects of fluency disorders in children and adults.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

SPA 74592 CLERKSHIP I  1 Credit Hour
Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.
Prerequisite: Admission to the audiology major; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Satisfactory/Unsatisfactory
SPA 74600  RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY  3 Credit Hours
Methodologies for collecting, analyzing and interpreting data for clinical and research purposes in speech language pathology and audiology.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SPA 74691  SEMINAR:VOICE DISORDERS  1-3 Credit Hours  
(Repeatable for a maximum of 9 credit hours) Current literature review and discussions dealing with varying topics ranging from normal aspects of phonation in various populations to disorders of voice and their diagnosis and treatment.  
Prerequisite: SPA 6/74306; and doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 1-3 other  
Grade Mode: Satisfactory/Unsatisfactory  

SPA 74692  CLERKSHIP II  1 Credit Hour  
Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required.  
Prerequisite: Admission to the audiology major; and doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 1 other  
Grade Mode: Standard Letter-S/U-IP  

SPA 74791  SEMINAR: SPEECH SCIENCE  1-3 Credit Hours  
(Repeatable for a maximum of 9 credit hours) Consideration of selected topics related to physiological, anatomical and acoustic aspects of speech production and perception.  
Prerequisite: SPA 4/54110 or SPA 6/74504; and doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter-S/U-IP  

SPA 74891  SEMINAR: COMMUNICATION MODALITIES AND ASSISTIVE TECHNOLOGY  3 Credit Hours  
(Repeatable for credit) Nature, etiologies and correlates of speech language communication disorders and differences that may indicate a need for a multi-modal communication approach. Includes an emphasis on assistive technology for communication language, learning and literacy.  
Prerequisite: Speech language pathology major; and doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 3 other  
Grade Mode: Standard Letter  

SPA 74991  SEMINAR: CRITICAL TOPICS IN SPEECH LANGUAGE PATHOLOGY  1-3 Credit Hours  
(Repeatable for credit) Principles and methods of assessment and intervention for various topics in speech-language pathology from critical thinking and case-study framework.  
Prerequisite: Speech pathology and audiology major; and doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter-S/U-IP  

SPA 75092  CLINICAL PRACTICUM I IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours  
(Slashed with SPA 65092) (Repeatable twice for credit) Supervised, introductory clinical experience in assessment and intervention with populations within the scope of practice of speech language pathology per the current practice policy of the american speech language hearing association. To facilitate clinical competency and accrual of required clinical clock hours per current ASHA standards, students are expected to enroll in clinical practicum each semester that they are not enrolled in externship or student teaching. A grade of B or better in this course is required for permission to register in CLIN PR II SPE LANG PATH-SPA 65192.  
Prerequisite: Doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 8-12 other  
Grade Mode: Standard Letter-IP  

SPA 75192  CLINICAL PRACTICUM II IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours  
(Slashed with SPA 65192) (Repeatable twice for credit) This course includes additional supervised hands on clinical experience with clients in on campus clinics. Student clinicians are provided with opportunities to demonstrate increased independence in clinical decision making and performance. Practicum requirements may include attendance at a weekly Clinical Colloquium. A grade of B or better in this course is required for permission to enroll in Clinical Practicum III in Speech Language Pathology SPA 75292.  
Prerequisite: SPA 75092 with a minimum B grade; and doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 8-12 other  
Grade Mode: Standard Letter-IP  

SPA 75292  CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours  
(Slashed with SPA 65292) (Repeatable twice for credit) Includes additional supervised, hands-on clinical experience with clients in on campus clinics and or off campus, supervised clinical experience in sites such as schools or long-term care facilities. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision-making and performance that reflect readiness for externship or student teaching experiences. Practicum requirements may include attendance at a weekly clinical colloquium. A grade of B or better in this course is required for permission to register in the following courses: clinical practicum IV in speech language pathology SPA 75392, externship in speech language pathology adult SPA 75492, externship in speech language pathology pediatric SPA 75592, student teaching in speech language pathology SPA 64528.  
Prerequisite: SPA 75192 with a minimum B grade; and doctoral standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 8-12 other  
Grade Mode: Standard Letter-IP
SPA 75392  CLINICAL PRACTICUM IV IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours  
(Repeatable for credit) This supervised, hands on clinical experience with clients in on campus clinics or off campus sites is for second year graduate students who are not yet scheduled for externship or student teaching. Students clinicians are provided with opportunities to demonstrate levels of independence in clinical decision making and performance that are reflective of readiness for externship or student teaching experiences. A grade of B or better in this course is required for permission to register in the following courses: externship in speech language pathology; adult SPA 75492, externship in speech language pathology; pediatric SPA 75592, student teaching in speech language pathology SPA 64528.

Prerequisite: SPA 75292 with a minimum B grade; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 75492  EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: ADULT  
4-8 Credit Hours  
(Cross-listed with SPA 65492) (Repeatable once for credit) Considered a culminating clinical experience. Includes supervised, hands on clinical experience with patients in adult care settings such as hospitals, rehabilitation and long term care facilities.

Prerequisite: SPA 75292 or SPA 75392 with a minimum B grade; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP

SPA 75592  EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY: PEDIATRIC  
4-8 Credit Hours  
(Slashed with SPA 65592) (Repeatable once for credit) Considered a culminating clinical experience. Students may choose this course as an alternative to Student Teaching in Speech Language Pathology. Includes supervised, hands on clinical experience with children and adolescents in pediatric care settings such as hospitals and other habilitation and rehabilitation facilities.

Prerequisite: SPA 75292 or SPA 75392 with a minimum B grade; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP

SPA 75972  INTERNSHIP I  1 Credit Hour  
Clinical practicum in audiology during which students perform discrete tasks under supervision.

Prerequisite: Admission to the audiology major; and doctoral standing; and special approval.
Corequisite: SPA 70709.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Standard Letter

SPA 76792  INTERNSHIP II  1 Credit Hour  
Supervised clinical practicum in audiology during which students will perform discrete clinical tasks while under supervision.

Prerequisite: Admission to the audiology major; and SPA 75792; and doctoral standing and special approval.
Schedule Type: Practical Experience
Contact Hours: 18 other
Grade Mode: Standard Letter

SPA 84091  SEMINAR IN COMMUNICATION DISORDERS  2 Credit Hours  
(Repeatable for a maximum 9 credit hours) Special topics seminar for advanced students in speech-language pathology and audiology. Presentations and discussion of research projects are required.

Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 2 other
Grade Mode: Standard Letter

SPA 84096  INDIVIDUAL INVESTIGATION- SPEECH PATHOLOGY AND AUDIOLOGY  1-3 Credit Hours  
(Repeatable for credit) Independent study of topics to be selected in consultation with graduate faculty.

Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 84098  RESEARCH  1-15 Credit Hours  
(Repeatable for credit) Research opportunities for doctoral students who have not yet passed their candidacy examination.

Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-S/U-IP

SPA 84199  DISSERTATION I  15 Credit Hours  
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.

Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPA 84299  DISSERTATION II  15 Credit Hours  
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.

Prerequisite: SPA 84199; and doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

School of Lifespan Development and Educational Sciences

American Sign Language/English Interpreting (ASEI)

ASEI 30095  SPECIAL TOPICS IN AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING  1-4 Credit Hours  
(Repeatable for credit) Special topics courses to be offered on as-needed basis when the content cannot be covered in the traditional curriculum.

Prerequisite: ASL 29201 and ASEI 43102; and special approval.
Schedule Type: Lecture
Contact Hours: 1-4 other
Grade Mode: Standard Letter
### ASEI 40092 ADVANCED PRACTICUM: AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING-COMMUNITY SETTING INTERPRETING (ELR)  9 Credit Hours
(Repeatable for credit) This course is required for students who do not wish to apply for K-12 Licensure to interpret in Ohio Schools. Field-based practicum experience provides pre-service interpreters with an opportunity to learn from currently practicing master community interpreters. Advanced practicum includes a minimum of 405 total hours during a 15-week placement. University supervisor and teacher mentor observe and assess student's skill. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks may be required based on community placement. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. A 3.00 major GPA is required for registration.

**Prerequisite:** Minimum B- grade in ASEI 43104; and minimum C grades in ASEI 43112 and ASL 49108; and ASL/English Interpreting major; and admission to professional phase; and 2.750 overall GPA; and passing score on the SLPI (Intermediate) or ASLPI (Level 2); and special approval.

**Corequisite:** ASEI 49625.

**Schedule Type:** Practical Experience

**Contact Hours:** 27 other

**Attributes:** Experiential Learning Requirement

### ASEI 43092 DEAF CULTURE IMMERSION EXPERIENCE (ELR)  1 Credit Hour
(Repeatable for credit) Intensive week-long practicum at a school for the deaf or camp where students interact with deaf children and/or adults. Conduct, interaction, sign language skills, maturity, responsibility, and performance are evaluated by staff at the school or camp administrators.

**Prerequisite:** ASL/English interpreting major.

**Pre/corequisite:** Minimum grade of C in ASL 39201.

**Schedule Type:** Practical Experience

**Contact Hours:** 8.33 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

**Attributes:** Experiential Learning Requirement

### ASEI 43100 SURVEY OF THE INTERPRETING PROFESSION  3 Credit Hours
(Slashed with ASEI 53100) Introduction to the field of ASL-English interpreting. The following will be discussed: the history of the interpreting profession; the varied roles and responsibilities of interpreters; issues and concerns facing interpreters; legal mandates and constraints governing the provision of interpreters; diversity issues; ethical guidelines and their application to educational environments. Since interpreters are expected to be fluent in both English and ASL, this course will strive to enhance students’ facility with both languages.

**Prerequisite:** Minimum C grade in ASL 19202.

**Pre/corequisite:** Minimum C grade in ASL 29201.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### ASEI 43102 INTERPRETING PROCESSES I  3 Credit Hours
(Slashed with ASEI 53102) Beginning level interpreting course that examines the models of interpreting and their application to practice. Consecutive and simultaneous interpreting strategies are used to develop processing skills for both English to ASL and ASL to English interpretations. Samples of narrative genre are the texts used for interpretations as students examine the linguistic and cultural differences between ASL and English narratives. There will be 30 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in ASL 29201; and minimum B- grade in ASEI 43100; and ASL English Interpreting major.

**Pre/corequisite:** Minimum grade of C in ASL 29202.

**Corequisite:** ASL 39401 and ASEI 43113.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### ASEI 43103 INTERPRETING PROCESSES II  3 Credit Hours
(Slashed with ASEI 53103) Intermediate level interpreting course that challenges students to interpret the more complex genres including expository, procedural, and argumentative texts. Students will study and apply contextualization strategies. Discourse that is common to both the adult deaf community and educational settings will be interpreted and transcribed. There will be 45 clinical application hours that students will need to accrue in this course.

**Prerequisite:** Minimum C grade in the following courses: ASL 29202 and ASEI 43102; and ASL English Interpreting major; and admission to professional phase with a passing score on the entrance assessment.

**Pre/corequisite:** Minimum C grade in ASL 39201.

**Corequisite:** ASEI 43106, ASEI 43111 and ASEI 43114.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### ASEI 43104 INTERPRETING PROCESSES III  3 Credit Hours
(Slashed with ASEI 53104) Advanced level interpreting course focused on enhancing students’ English to ASL and ASL to English skills in a variety of settings. Complex texts are selected from a variety of disciplines from both community and educational settings. Students build on previously developed self-assessment skills to create detailed and analytical diagnostic charts of their interpreted work. There will be 45 clinical application hours that students will need to accrue in this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes.

**Prerequisite:** Minimum C grade in ASL 39202 and ASEI 43107; and ASL English Interpreting major; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and admission to professional phase.

**Corequisite:** ASEI 43112, ASEI 43118 and ASL 49108.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter
ASEI 43105 TRANSLITERATING 3 Credit Hours
(Slashed with ASEI 53105) Receptive and expressive use of English-based sign language systems; ASL root words, prefix suffix use, simultaneous speaking and signing. Explanation and demonstration of Cued speech; exploration of the research related to individuals who use Cued speech.
Prerequisite: Minimum C grade in ASEI 43103 and in ASL 39201; and ASL English Interpreting (ASEI) major; and admission to professional phase.
Pre/corequisite: Minimum C grade in ASL 39201.
Corequisite: ASEI 43107, ASEI 43110, ASEI 43092 and ASL 39202.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43106 SCHOOL SETTING INTERPRETING 3 Credit Hours
(Slashed with ASEI 53106) Issues, challenges, roles, responsibilities, and ethics of classroom-based educational interpreting are explored. Students are exposed to the variety of classroom designs where interpreters work such us mainstreaming, inclusion, resource room, and self-contained classrooms. K-12 settings place additional expectations for interpreter participation including IEP meetings, counseling, school assemblies and performing arts presentations.
Prerequisite: Minimum grade of C in ASL 29202; and American Sign Language/English Interpreting major; and special approval.
Pre/corequisite: Minimum grade of C in ASL 39201.
Corequisite: ASEI 43103, ASEI 43111 and ASEI 43114.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43107 COMMUNITY SETTING INTERPRETING 3 Credit Hours
(Slashed with ASEI 53107) This course explores the various venues that interpreters can work in the community. Emphasis will be given to the development of specialized vocabulary. Students participate in mock interpreting situations common to community interpreting in order to identify ethical dilemmas, demands and controls. There will be 30 clinical application hours that students will need to accrue in this course.
Prerequisite: Minimum C grade in the following courses: ASEI 43103, ASEI 43111, ASEI 43114 and ASL 39201; and ASL English Interpreting major; and admission to professional phase.
Pre/corequisite: Minimum grade of C in ASL 39202.
Corequisite: ASEI 43092, ASEI 43105, ASEI 43110 and ASEI 43119.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43110 DISCOURSE ANALYSIS FOR INTERPRETERS 3 Credit Hours
(Slashed with ASEI 53110) This course will explore the field of discourse analysis and its relation to the work of an interpreter. Students will complete the course with an understanding of terminology specific to discourse analysis, a better understanding of one's own discourse style and a better idea of how English and ASL use various discourse features. These features include the following: Turn-taking, Conversational Repair-false starts, Discourse Markers, Constructing Dialogue and Action, Cohesion, Rhythm, Rhyme and Repetition.
Prerequisite: Minimum grade of C in ASL 39201; and ASEI 43103 and ASEI 43111; and admission to the professional phase.
Pre/corequisite: Minimum grade of C in ASL 39202.
Corequisite: ASEI 43105, ASEI 43107 and ASEI 43119.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43111 THE PROFESSIONAL INTERPRETER 3 Credit Hours
(Slashed with ASEI 53111) Covers current trends in the field regarding situational and ethical issues. Demand-control schema and the RID Code of Professional Conduct are key components of the students’ investigation and application. Students receive guidance in preparing for the RID NIC and participate in practicing for the RID performance test.
Prerequisite: Minimum grade of C in ASEI 43102 and ASL 39401; and ASL English Interpreting major; and admission to professional phase.
Pre/corequisite: Minimum grade of C in ASL 39201.
Corequisite: ASEI 43103 and ASEI 43106.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43112 INTERACTIVE INTERPRETING 3 Credit Hours
(Slashed with ASEI 53112) Guides students through a process of examining the complex nature of interpreting interactive discourse. Discussions will focus on managing this multi-layered process when participants’ roles, assumptions, and goals can be congruent or adversarial. Student will learn to navigate contrasting cultural, linguistic, and discourse expectations. This course will present numerous interactive scenarios for students to interpret typical of a variety of settings with different participant configurations.
Prerequisite: Minimum grade of C in the following courses: ASL 29202, ASL 39401, ASEI 43102, ASEI 43103 and ASEI 43106; and minimum grade of B- in ASEI 43100; and ASL English Interpreting major; passing score of intermediate on the SLPI or Level 2 on the ASLPI; and admission to professional phase.
Pre/corequisite: ASL 39201.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 43113 ASL TO ENGLISH INTERPRETING PROCESSES (WIC) 3 Credit Hours
(Slashed with ASEI 53113) Guides students in developing interpreting skills from their L2 (ASL) to their L1 (English). Students will learn strategies for increasing their ASL and English vocabularies for the purposes of understanding equivalents when applying English vocabulary to ASL signs. Students will examine their ability to apply this proficiency to various registers of ASL. Course will also emphasize incorporating Academic English into written scholarly papers to increase students’ abilities to apply this to their interpretations.
Prerequisite: Minimum C grade in ASL 29201; and minimum B- in ASEI 43100; and ASL English Interpreting major.
Pre/corequisite: Minimum grade of C in ASL 39202.
Corequisite: ASEI 43102 and ASL 39401.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course
ASEI 43114  SOCIAL MEDIA AND CURRENT EVENTS INTERPRETING  
3 Credit Hours  
(Slashed with ASEI 53114) This course introduces students to a wide variety of media sources that highlight current events and happenings within the Deaf and interpreting communities. In this course, students will develop linguistic, analytical and interpretation skills. Students will discuss current events related to topics including but not limited to culture, mental health, politics, economics and education.  
Prerequisite: ASEI 43102, ASEI 43113 and ASL 29202; and American Sign Language/English Interpreting major; and Admission to Professional Phase.  
Corequisite: ASEI 43103, ASEI 43111 and ASL 39201.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ASEI 43118  MEDICAL INTERPRETING  
3 Credit Hours  
(Slashed with ASEI 53118) This course provides students with the opportunity to explore medical topics, terminologies, and areas of practice to enable them to more effectively meet the needs of deaf patients in a variety of health care settings. This course is designed to equip students with basic skills and knowledge to meet the demands of this setting. Students in this course will become familiar with body systems structures, functions, and common conditions-diseases affecting these systems. Students will be exposed to a variety of medical protocols, scripts, testing procedures, and areas of medical practice. As a result, students will be able to interpret medical information into ASL appropriate structures. They will specifically be able to apply strategies of depiction and spatial mapping.  
Prerequisite: Minimum C grade in ASEI 43103; and American Sign Language/English Interpreting major; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI.  
Corequisite: ASEI 43104, ASEI 43112 and ASL 49108.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ASEI 43119  MENTAL HEALTH INTERPRETING  
3 Credit Hours  
(Slashed with ASEI 53119) This course will provide students with a foundation of common diagnoses, mental health professionals and their various roles, common mental health settings interpreters may work, and terminology paired with ASL equivalents. This course will also emphasize the relationship between interpreter and mental health professional, providing skill sets in which to pre-and-post conference to ensure an accurate interpretation is rendered, and the goals of the therapist-professional have been met.  
Prerequisite: Minimum C grade in ASEI 43103; and American Sign Language/English Interpreting major.  
Pre/corequisite: Minimum C grade in ASL 39202.  
Corequisite: ASEI 43092, ASEI 43105, ASEI 43107 and ASEI 43110.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ASEI 43192  ADVANCED PRACTICUM: ASL ENGLISH INTERPRETING (ELR)  
9 Credit Hours  
(Repeatable for credit) This course is required for students who want to apply for K-12 Licensure to interpret in Ohio Schools. Advanced practicum provides pre-service interpreters with an opportunity to learn from currently practicing master interpreters. Advanced practicum includes a minimum of 405 total hours during a 15-week placement with a minimum of 300 hours in educational settings to qualify for Ohio license for educational interpreters. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes. A 3.000 major GPA is required.  
Prerequisite: Minimum B- grade in ASEI 43104; and minimum C grade in ASEI 43112 and ASL 49108; and ASL English Interpreting major; and admission to professional phase; and 2.750 overall GPA; and a passing score on the SLPI (Intermediate) or ASLPI (Level 2); and special approval.  
Corequisite: ASEI 49625.  
Schedule Type: Practical Experience  
Contact Hours: 27 other  
Grade Mode: Satisfactory/Unsatisfactory  
Attributes: Experiential Learning Requirement

ASEI 43996  INDIVIDUAL INVESTIGATION IN AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING  
1-3 Credit Hours  
(Repeatable for credit) A student-initiated experience to pursue an area of interest not covered by a regular course offering, with the guidance of an ASL-English Interpreting approved instructor. The student is expected to complete predetermined assignments, which may include a final research paper and a presentation on the findings of the study.  
Prerequisite: Special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 3-10 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

ASEI 49625  INQUIRY SEMINAR FOR AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING  
3 Credit Hours  
(Slashed with ASEI 59625) Final semester course to coincide with the advanced practice. Students present a professional description of their interpreting site analyzing students’ needs, school and instructor expectations or barriers, application of the Demand – Control Schema, and ethical challenges. Current research in the field of interpreting is examined and a diagnostic chart of a work sample is created. Students explore the EIPA exam, its theoretical foundations and participate in practicing for the EIPA.  
Prerequisite: Minimum B- in ASEI 43104; and minimum C grade in the following courses ASEI 43112 and ASEI 43118 ASL 49108 and COMM 35852.  
Corequisite: ASEI 43092 or ASEI 43192.  
Schedule Type: Seminar  
Contact Hours: 3 other  
Grade Mode: Standard Letter
ASEI 50092 ADVANCED PRACTICUM: AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING-COMMUNITY SETTING INTERPRETING 9 Credit Hours (Repeatable for credit) This course is required for students who do not wish to apply for K-12 Licensure to interpret in Ohio Schools. Field-based practicum experience provides pre-service interpreters with an opportunity to learn from currently practicing master community interpreters. Advanced practicum includes a minimum of 405 total hours during a 15-week placement. University supervisor and teacher mentor observe and assess student's skill. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks may be required based on community placement. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. A major GPA of 3.000 is required.

Prerequisite: Minimum B- grade in ASEI 53104; and ASEI 53112 and ASL 49108; and enrolled in the ASL/English Interpreting Licensure Preparation program; and admission to professional phase; and 2.750 overall GPA; and passing score on the SLPI (Intermediate) or ASLPI (Level 2); and graduate standing; and special approval.

Corequisite: ASEI 59625.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ASEI 53092 DEAF CULTURE IMMERSION EXPERIENCE 1 Credit Hour Intensive week-long practicum at a school for the deaf or camp where students interact with deaf children and/or adults. Conduct, interaction, sign language skills, maturity, responsibility and performance are evaluated by staff at the school or camp administrators.

Prerequisite: Graduate standing.
Pre/corequisite: Minimum grade of C in ASL 39201.
Schedule Type: Practical Experience
Contact Hours: 8.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ASEI 53100 SURVEY OF THE INTERPRETING PROFESSION 3 Credit Hours (Slashed with ASEI 43100) Introduction to the field of ASL-English interpreting. The following will be discussed: the history of the interpreting profession; the varied roles-responsibilities of interpreters; issues and concerns facing interpreters; legal mandates and constraints governing the provision of interpreters; ethical guidelines and their application to educational environments. Since interpreters are expected to be fluent in both English and ASL, this course will strive to enhance students' facility with both languages.

Prerequisite: ASL 19202; and graduate standing.
Pre/corequisite: ASL 29201.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53102 INTERPRETING PROCESSES I 3 Credit Hours (Slashed with ASEI 43102) Beginning level interpreting course that examines the models of interpreting and their application to practice. Consecutive and simultaneous interpreting strategies are used to develop processing skills for both English to ASL and ASL to English interpretations. Samples of narrative genre are the texts used for interpretations as students examine the linguistic and cultural differences between ASL and English narratives. There will be 30 clinical application hours that students will need to accrue in this course.

Prerequisite: Minimum of A- in ASEI 53100; and graduate standing.
Pre/corequisite: ASL 29202.
Corequisite: ASEI 39401 and ASEI 53113.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53103 INTERPRETING PROCESSES II 3 Credit Hours (Slashed with ASEI 43103) Intermediate level interpreting course that challenges students to interpret the more complex genres including expository, procedural, and argumentative texts. Students will study and apply contextualization strategies. Discourse that is common to both the adult deaf community and educational settings will be interpreted and transliterated. There will be 45 clinical application hours that students will need to accrue in this course.

Prerequisite: ASL 29202 and ASEI 53102; and admission to the professional phase with a passing score on the entrance assessment; and graduate standing.
Pre/corequisite: ASL 39201.
Corequisite: ASEI 53106, ASEI 53111 and ASEI 53114.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53104 INTERPRETING PROCESSES III 3 Credit Hours (Slashed with ASEI 43104) Advanced level interpreting course focused on enhancing students' English to ASL and ASL to English skills in a variety of settings. Complex texts are selected from a variety of disciplines from both community and educational settings. Students build on previously developed self-assessment skills to create detailed and analytical diagnostic charts of their interpreted work. There will be 45 clinical application hours that students will need to accrue in this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes.

Prerequisite: Minimum C grade in ASL 39202; and ASEI 53107; and ASL/English Interpreting Licensure Preparation program; and passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and graduate standing.
Corequisite: ASEI 53112, ASEI 53118 and ASL 49108.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ASEI 53105  TRANSLITERATING  3 Credit Hours
(Slashed with ASEI 43105) Students are exposed to the various English-based sign systems that are used in the education of deaf students as well as variations of sign communication in the deaf community. Focus is placed on developing transliterating skills utilizing conceptually accurate signed English. Students examine the implications of a diverse sign continuum and the professional expectation of identifying and meeting the language preferences of deaf consumers.
Prerequisite: Minimum B- grade in ASEI 53100; and a minimum C grade in ASL 29202; and graduate standing.
Corequisite: ASL 39201 and ASEI 53102.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53106  SCHOOL SETTING INTERPRETING  3 Credit Hours
(Slashed with ASEI 43106) Issues, challenges, roles, responsibilities, and ethics of classroom-based educational interpreting are explored. Students are exposed to the variety of classroom designs where interpreters work such us mainstreaming, inclusion, resource room, and self-contained classrooms. K-12 settings place additional expectations for interpreter participation including IEP meetings, counseling, school assemblies and performing arts presentations.
Prerequisite: ASL 29201; and ASL/English Interpreting Licensure Preparation program; graduate standing; and special approval.
Pre/corequisite: Minimum grade of C in ASL 39201.
Corequisite: ASEI 53103, ASEI 53111 and ASEI 53114.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53107  COMMUNITY SETTING INTERPRETING  3 Credit Hours
(Slashed with ASEI 43107) This course explores the various venues that interpreters can work in the community. Emphasis will be given to the development of specialized vocabulary. Students participate in mock interpreting situations common to community interpreting in order to identify ethical dilemmas, demands and controls. There will be 30 clinical application hours that students will need to accrue in this course.
Prerequisite: Minimum C grade in the following courses: ASEI 53103, ASEI 53111, ASEI 53114 and ASL 39201; and ASL/English Interpreting Licensure Preparation; and graduate standing.
Pre/corequisite: Minimum grade of C in ASL 39202.
Corequisite: ASEI 53092, ASEI 53105, ASEI 53110 and ASEI 53119.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53110  DISCOURSE ANALYSIS FOR INTERPRETERS  3 Credit Hours
(Slashed with ASEI 43110) This course will explore the field of discourse analysis and its relation to the work of an interpreter. Students will complete the course with an understanding of terminology specific to discourse analysis, a better understanding of one's own discourse style, and a better idea of how English and ASL use various discourse features. These features include the following: Turn-taking, Conversational Repair - false starts, Discourse Markers, Constructing Dialogue & Action, Cohesion, Rhythm, Rhyme, and Repetition.
Prerequisite: Minimum grade of C in ASL 39201; and ASEI 53103 and ASEI 53111.
Pre/corequisite: Minimum grade of C in ASL 39202.
Corequisite: ASEI 53105, ASEI 53107 and ASEI 53119.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53111  THE PROFESSIONAL INTERPRETER  3 Credit Hours
(Slashed with ASEI 53111) Covers current trends in the field regarding situational and ethical issues. Demand-Control Schema and the RID Code of Professional Conduct are key components of the students' investigation and application. Students receive guidance in preparing for the RID performance test.
Prerequisite: Minimum grade of C in ASL 29202; and ASEI 53100 and ASEI 53107; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53112  INTERACTIVE INTERPRETING  3 Credit Hours
(Slashed with ASEI 43112) Guides students through a process of examining the complex nature of interpreting interactive discourse. Discussions will focus on managing this multi-layered process when participants’ roles, assumptions, and goals can be congruent or adversarial. Student will learn to navigate contrasting cultural, linguistic, and discourse expectations. This course will present numerous interactive scenarios for students to interpret typical of a variety of settings with different participant configurations.
Prerequisite: ASL 29202 with a minimum C grade; and ASEI 53100 and ASEI 53103; passing score of intermediate on the SLPI or level 2 on the ASLPI.
Corequisite: ASEI 53102.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53113  ASL TO ENGLISH INTERPRETING PROCESSES  3 Credit Hours
(Slashed with ASEI 43113) Guides students in developing interpreting skills from their L2 (ASL) to their L1 (English). Students will learn strategies for increasing their ASL and English vocabularies for the purposes of understanding equivalents when applying English vocabulary to ASL signs. Students will examine their ability to apply this proficiency to various registers of ASL. Course will also emphasize incorporating Academic English into written scholarly appears to increase students’ abilities to apply this to their interpretations.
Prerequisite: ASL 29202 and ASEI 53100; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ASEI 53114  SOCIAL MEDIA AND CURRENT EVENTS INTERPRETING  3 Credit Hours
(Slashed with ASEI 43114) This course introduces students to a wide variety of media sources that highlight current events and happenings within the Deaf and interpreting communities. In this course, students will develop linguistic, analytical, and interpretation skills. Students will discuss current events related to topics including but not limited to culture, mental health, politics, economics and education.
Prerequisite: ASEI 53102, ASEI 53113 and ASL 29202; and American Sign Language/English Interpreting Licensure Preparation program; and admission to professional phase.
Corequisite: ASEI 53103, ASEI 53111, ASEI 53106 and ASL 39201.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53118  MEDICAL INTERPRETING  3 Credit Hours
(Slashed with ASEI 43118) This course provides students with the opportunity to explore medical topics, terminologies, and areas of practice to enable them to more effectively meet the needs of deaf patients in a variety of healthcare settings. This course is designed to equip students with basic skills and knowledge to meet the demands of this setting. Students in this course will become familiar with body systems structures, functions, and common conditions-diseases affecting these systems. Students will be exposed to a variety of medical protocols, scripts, testing procedures, and areas of medical practice. As a result, students will be able to interpret medical information into ASL-appropriate structures. They will specifically be able to apply strategies of depiction and spatial mapping.
Prerequisite: ASEI 53102; passing score of Intermediate on the SLPI or Level 2 on the ASLPI; and graduate standing.
Corequisite: ASEI 53104.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53119  MENTAL HEALTH INTERPRETING  3 Credit Hours
(Slashed with ASEI 43119) This course will provide students with a foundation of common diagnoses, mental health professionals and their various roles, common mental health settings interpreters may work, and terminology paired with ASL equivalents. This course will also emphasize the relationship between interpreter and mental health professional, providing skill sets in which to pre- and -post conference to ensure an accurate interpretation in rendered, and the goals of therapist-professional have been met.
Prerequisite: ASEI 53103; and graduate standing.
Corequisite: ASEI 53107 and ASEI 53110 and ASEI 53105.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASEI 53192  ADVANCED PRACTICUM: ASL ENGLISH INTERPRETING  9 Credit Hours
(Repeatable for credit) This course is required for students who want to apply for K-12 Licensure to interpret in Ohio Schools. Advanced practicum provides pre-service interpreters with an opportunity to learn from currently practicing master interpreters. Advanced practicum includes a minimum of 405 total hours during a 15-week placement with a minimum of 300 hours in educational settings to qualify for Ohio license for educational interpreters. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes. A 3.000 major GPA is required.
Prerequisite: Minimum B- grade in ASEI 53104; and ASEI 53112 and ASL 49108; and ASL English Interpreting Licensure Preparation non-degree; and admission to professional phase; and 2.750 overall GPA; passing score on the SLPI (Intermediate) or ASLPI (Level 2); and graduate standing; and special approval.
Corequisite: ASEI 59625.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory

ASEI 59625  INQUIRY SEMINAR FOR AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETING  3 Credit Hours
(Repeatable for credit) This course is required for students who want to apply for K-12 Licensure to interpret in Ohio Schools. Advanced practicum provides pre-service interpreters with an opportunity to learn from currently practicing master interpreters. Advanced practicum includes a minimum of 405 total hours during a 15-week placement with a minimum of 300 hours in educational settings to qualify for Ohio license for educational interpreters. Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the internship will take place. Official valid certification of Child Safety Training, approved Basic Life Support, and A.L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses before registering for this course. Students must pass the SLPI (Intermediate) or ASLPI (Level 2) prior to first semester senior year classes. A 3.000 major GPA is required.
Prerequisite: Minimum B- grade in ASEI 53104; and ASEI 53112 and ASL 49108; and ASL English Interpreting Licensure Preparation non-degree; and admission to professional phase; and 2.750 overall GPA; passing score on the SLPI (Intermediate) or ASLPI (Level 2); and graduate standing; and special approval.
Corequisite: ASEI 59625.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory

Career and Community Services (CCS)

CCS 00010  INDEPENDENT LIVING SKILLS I  3 Credit Hours
This class helps students identify their strengths, preferences, interests and needs regarding independent living. Students set goals and practice skills that will help them be more successful in managing their adult lives. This class focus is on areas of independent living related to personal health and nutrition.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CCS 00015  SELF-ADVOCACY: DISABILITY AWARENESS AND THE LAWS  3 Credit Hours
This course promotes development of self-awareness through identifying characteristics of a person's disability, and how it affects a person academically, socially, and at work.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00020  APPLYING TECHNOLOGY  1 Credit Hour
This course is an introduction to the uses of Flashline, Canvas or other Learning Management System (LMS), and applications such as Microsoft Word to enhance student skills with technology applications.

Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00025  MANAGING MONEY IN COLLEGE  1 Credit Hour
This introductory course will provide the student with an opportunity to develop attitudes and skills to manage their money and expenses while in college. Topics include how to set up a budget, considering where one might save money in daily living, managing expenses, understanding Flashcash, Meal Swipes and Spend Down Accounts.

Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00035  SELF-ADVOCACY: COMMUNICATION SKILLS  3 Credit Hours
Effective communication enhances personal, family, and community health. Select personal and social skills are presented in order to improve the health of the student. The student will participate in activities that allow them to practice and perform skills in work and in their personal lives.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00105  INTRODUCTION TO JOB EXPLORATION  1 Credit Hour
The student will be introduced to the world of work and begin the first step towards finding employment that will be rewarding for them and that will match their strengths, preferences, interests and needs.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00110  INDEPENDENT LIVING SKILLS II  3 Credit Hours
Students will identify independent living skills required to set and reach short- and long-term goals. Students will reflect on and apply their strengths, preferences, interests, and needs as they make plans for adult life.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00115  SELF-ADVOCACY AND SELF-DETERMINATION  3 Credit Hours
This course will provide students with opportunities to recognize and develop skills that can help them to increase success in all areas of their lives. Persons who are more self-determined often experience academic, employment, community living and personal satisfaction.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00120  PERSON-CENTERED PLANNING: FRESHMAN  1 Credit Hour
Students will create and present a Person-Centered Plan (PCP). A PCP is an individualized way of helping the student to achieve their goals, get the life they want for themselves, identify supports that may be needed, and help them reach their vision of a good life.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00130  SELF-ADVOCACY: HUMAN RELATIONSHIPS  3 Credit Hours
Students will learn of different types of relationships and how to advocate and communicate wants and needs in various types of relationships.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00135  SELF-ADVOCACY: COMMUNICATION SKILLS  3 Credit Hours
Effective communication enhances personal, family, and community health. Select personal and social skills are presented in order to improve the health of the student. The student will participate in activities that allow them to practice and perform skills in work and in their personal lives.

Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00140  DEVELOPING PROFESSIONAL SKILLS: FRESHMAN  3 Credit Hours
This course is designed to teach students how to successfully manage all areas of one's life. It is important to know how to prioritize social and personal responsibilities to complete tasks in a competent manner.

Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CCS 00205  JOB EXPLORATION I  3 Credit Hours
This course begins the process of the student identifying an employment pathway by completing interest inventories to identify occupational interests, establishing membership to job exploration tools, researching local labor market information, exploring Job Seekers Guide on OhioEmploymentFirst.org or other tools that aid the student as they make important employment decisions.
Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00206  JOB EXPLORATION II  3 Credit Hours
The purpose of this course is to help the student to narrow employment possibilities and to identify the occupation of their choice. The course provides information regarding work settings, work duties, personnel, shifts, expectations, accommodations, and appropriate behaviors at work. The student will begin to identify their network of people who can help them achieve future employment goals.
Prerequisite: CCS 00205; and Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00220  PERSON-CENTERED PLANNING: SOPHOMORE  1 Credit Hour
Each year a student completes a person-centered planning presentation to share with their support team. The student provides information on what they are or have learned this academic year, goals being worked on or accomplished and future plans. The student creates a Microsoft Power Point, or other form of presenting in order to connect knowledge and learning experiences for student success.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00235  SELF-ADVOCACY: INDEPENDENT LIVING AND INJURY PREVENTION  3 Credit Hours
Students will learn independent living skills related to injury prevention and safety in adult life.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00245  DEVELOPING PROFESSIONAL SKILLS: SOPHOMORE  3 Credit Hours
This course is designed to teach strategies to successfully manage all areas of one's life. It is important to know how to prioritize work, social and personal responsibilities so one can make connections and communicate appropriately to those with whom they work, live and interact with.
Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00292  WORK EXPERIENCE: SOPHOMORE  3 Credit Hours (Repeatable for credit) This course provides the student with the opportunity to identify supports needed to achieve more independence in a work environment.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CCS 00306  EMPLOYMENT READINESS I  3 Credit Hours
This course prepares the student for entering the work force by addressing professional skills such as teamwork, networking, safety, personal skills, work ethic, responsibility, time management, interview skills, creating a resume and filling out a job application.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00307  EMPLOYMENT READINESS II  3 Credit Hours
This course is designed to continue to prepare the student for entering into the work force by expanding interview skills, creating documents used to acquire employment and learning how to fill out a job application.
Prerequisite: CCS 00306; and Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00320  PERSON-CENTERED PLANNING: JUNIOR  1 Credit Hour
Each year a student completes a person-centered planning presentation to share with their support team. The student provides updated information on what they are learning, goals being worked on or accomplished and future plans. The student creates a Microsoft Power Point, or other form of presenting in order to connect knowledge and learning experiences for student success.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00320  PERSON-CENTERED PLANNING: JUNIOR  1 Credit Hour
Each year a student completes a person-centered planning presentation to share with their support team. The student provides updated information on what they are learning, goals being worked on or accomplished and future plans. The student creates a Microsoft Power Point, or other form of presenting in order to connect knowledge and learning experiences for student success.
Prerequisite: Career and Community Studies, Career Community Studies–College Preparation, Career Community Studies–Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
CCS 00335  SELF-ADVOCACY: HEALTHY LIVING  3 Credit Hours
This course will support behavior that encourages students to make responsible choices for lifelong health, wellness, and life satisfaction.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00345  DEVELOPING PROFESSIONAL SKILLS: JUNIOR  3 Credit Hours
This course supports the student as they advance skills in learning strategies, critical thinking, problem-solving, and study skills; and as they apply skills to tasks that prepares for a specific employment interest. The student practices effective communicate through reading, writing, and speaking while completing tasks and projects.
Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00392  WORK EXPERIENCE: JUNIOR  4 Credit Hours
(Repeatable for credit) This course provides the student with opportunities to gain skills in the occupation of choice in order to prepare for satisfying employment as an adult. This allows for the student to evaluate the fit to help to ensure that they have chosen wisely.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Standard Letter

CCS 00410  EMPLOYMENT CERTIFICATIONS  3 Credit Hours
This course guides the student as they prepare for employment by completing online employment certifications that apply to employment interests. The student will set goals on skills development, research and completion of certificates.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00425  MANAGING MONEY AFTER COLLEGE  1 Credit Hour
This course will provide the student with a more detailed opportunity to reflect on one’s desire and ability to manage money in adult life to achieve personal financial wellness and satisfaction. Topics include earning and saving money, how to calculate wages and understanding federal, state and local taxes and establishing a realistic budget that will help the student to transition into adult life.
Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00445  DEVELOPING PROFESSIONAL SKILLS: SENIOR  1 Credit Hour
This course supports the student as they advance skills in learning strategies, critical thinking, problem-solving, and study skills; and as they apply skills to coursework that prepares for a specific career interest. The student practices effective communicate through reading, writing and speaking while completing assignments and projects.
Prerequisite: Career and Community Studies major, Career and Community Studies-College Preparation, or Career and Community Studies-Employment Readiness major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00492  WORK EXPERIENCE: SENIOR  1-12 Credit Hours
(Repeatable for credit) The work experience internship occurs in on- or off-campus settings and provides an environment to practice specific occupational knowledge, skills and professional behaviors.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Practical Experience
Contact Hours: 3-36 other
Grade Mode: Standard Letter

CCS 00499  PERSON-CENTERED PLANNING: SENIOR  3 Credit Hours
(Repeatable for credit) The student will develop two valuable resources to aid in the transition back to their community. One is a portfolio that contains projects that will serve as resource guides. The second is a Person-Centered Plan that identifies past, present and future skills and goal development.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Project or Capstone
Contact Hours: 3 other
Grade Mode: Standard Letter

CCS 01095  SPECIAL TOPICS: FRESHMAN LECTURE  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in for greater success in their college experience. Students must get approval from their academic advisor and/or course faculty prior to taking this course.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Satisfactory/Unsatisfactory
**CCS 01195** SPECIAL TOPICS: FRESHMAN LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in for greater success in their college experience. Students must get approval from their academic advisor and/or course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
**Schedule Type:** Laboratory
**Contact Hours:** 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 02195** SPECIAL TOPICS: FRESHMAN COMBINED LECTURE AND LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in for greater success in their college experience. Students must get approval from their academic advisor and/or course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 1-4 lecture, 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 02295** SPECIAL TOPICS: SOPHOMORE LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in for greater success in their college experience. Students must get approval from their academic advisor and/or course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
**Schedule Type:** Laboratory
**Contact Hours:** 1-4 lecture, 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 02095** SPECIAL TOPICS: SOPHOMORE COMBINED LECTURE AND LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in for greater success in their college experience. Students must get approval from their academic advisor and/or course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 1-4 lecture, 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 03095** SPECIAL TOPICS: JUNIOR LECTURE  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors; and special approval.
**Schedule Type:** Lecture
**Contact Hours:** 1-4 lecture
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 03295** SPECIAL TOPICS: JUNIOR COMBINED LECTURE AND LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors; and special approval.
**Schedule Type:** Laboratory
**Contact Hours:** 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 03195** SPECIAL TOPICS: JUNIOR LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors; and special approval.
**Schedule Type:** Laboratory
**Contact Hours:** 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory

**CCS 03295** SPECIAL TOPICS: JUNIOR COMBINED LECTURE AND LABORATORY  1-4 Credit Hours
(Repeatable for credit) Course topic will vary depending upon individual choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.
**Prerequisite:** Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors; and special approval.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 1-4 lecture, 2-12 lab
**Grade Mode:** Satisfactory/Unsatisfactory
Counselor Education and Supervision (CES)

CES 20092 FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR) 1 Credit Hour
(Repeatable for credit) Course topic will vary depending upon individual career choices. The student will participate in courses with like-minded peers in order to gain knowledge and skills in the career field of interest. Students must get approval from their academic advisor and course faculty prior to taking this course.
Prerequisite: Career and Community Studies, Career Community Studies—College Preparation, Career Community Studies—Employment Readiness majors; and special approval.
Schedule Type: Field Experience
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

CES 34650 PRACTICES AND THEORIES IN ADDICTIONS COUNSELING 3 Credit Hours
Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.
Prerequisite: CES 37662.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 34654 EVIDENCE-BASED APPROACHES IN ADDICTIONS COUNSELING 3 Credit Hours
Intensive study of a select number of evidence-based or empirically-supported approaches in addictions counseling, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity.
Prerequisite: CES 37665.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 37662 INTRODUCTION TO ADDICTIONS COUNSELING 3 Credit Hours
Introduction to fundamental concepts and recommended practices in addictions counseling today, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 37665 PLANNING CARE IN ADDICTIONS COUNSELING 3 Credit Hours
Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative and coordinated care.
Prerequisite: CES 34650.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 37668 INTRODUCTION TO MOTIVATIONAL INTERVIEWING 3 Credit Hours
Introduction to motivational interviewing (MI), a strengths-based and evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CES 37692 ADDICTIONS COUNSELING PRACTICUM (ELR) 4-9 Credit Hours
(Repeatable for credit) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six or seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place.
Prerequisite: CES 34654 or CES 37665.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 21-56 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

CES 37800 SMALL GROUP PROCESS 2 Credit Hours
(Cross-listed with HED 34060) Students learn to understand the dynamics of problem-solving groups and how to become effective leaders and members. Topics include climate, goals, decision making, communication, leadership, membership. Experience-based learning combined with conceptualizing.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

CES 40093 VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION 1-4 Credit Hours
(Repeatable for a maximum of 6 credit hours) Topics of special interest to students who desire to increase their knowledge in counseling and related areas. Kent faculty and experts from other institutions and agencies. Topics will be announced in the schedule of classes booklet.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

CES 44084 BEHAVIORAL SCIENCE IN HEALTH PROFESSIONS 1-3 Credit Hours
(Repeatable for a maximum of 12 hours) Behavioral science perspective on individual and social issues affecting medical care delivery. Individually arranged. May include field projects participation in health related investigations and presentations and personal development programs.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CES 50093 VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION 1-4 Credit Hours
(Repeatable for credit) (Slashed with CES 70093) Workshops and training laboratories in various aspects of counseling, guidance and personnel services for counselors, supervisors, administrators and paraprofessionals. Prospective enrollees not currently admitted to graduate school may obtain special admission for graduate credit in a workshop. Topics are announced in brochures of college of continuing studies. Limit of 6 hours with adviser’s permission toward any degree program.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 60193 VARIABLE TITLE WORKSHOP IN CLINICAL REHABILITATION COUNSELING 1-4 Credit Hours
(Repeatable for credit)(Slashed with CES 70193) Variable topic workshop designed to respond to emerging or specialized needs in clinical rehabilitation counseling.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 60199 THESIS I 2-6 Credit Hours
(Repeatable for credit) Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 60299 THESIS II 2 Credit Hours
(Repeatable for credit) Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: CES 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 64084 BEHAVIORAL SCIENCE IN THE HEALTH PROFESSIONS 1-3 Credit Hours
Behavioral science perspective on individual and social issues that affect medical care delivery. Individually arranged.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter-IP

CES 65511 RESEARCH IN COUNSELING 3 Credit Hours
Introduction to purposes and practice of qualitative and quantitative research related to counseling. There will be emphasis on elements of conducting research and using products of research to support and enhance practice. Authentic examples from counseling will be used as illustration.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CES 67492 PRACTICUM I: CLINICAL MENTAL HEALTH COUNSELING
3 Credit Hours
Students begin supervised practice of counseling with clients, primarily in The Counseling Center. Individual supervision and seminar discussion are used for the development of counseling skills, strategies and professional role.
Prerequisite: CES 67530 and CES 67531 and CES 67580 and CES 67628 and CES 67663 and CES 68126; and Clinical Mental Health Counseling major; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 16 other
Grade Mode: Standard Letter

CES 67530 COUNSELING THEORIES 3 Credit Hours
(Slashed with CES 77530) A survey of counseling practice that examines the nature of counseling process and relationships as described from major theoretical perspectives.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67531 COUNSELING SKILLS AND TECHNIQUES 3 Credit Hours
(Slashed with CES 77531) Didactic and experiential training in basic interviewing and counseling techniques prepares the student for practicum through role playing, videotaped feedback and simulation.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67580 MULTICULTURAL COUNSELING 3 Credit Hours
(Slashed with CES 77580) Seminar focused on sensitivities needed to work effectively with diverse clients. Consideration given to racism, oppression, poverty, ageism, gender, and relational affinity.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67591 SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours
(Repeatable for credit) Variable topic seminars considering problems, research and current practices for counselors and personnel workers. Topic to be announced in schedule of classes booklet.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

CES 67592 PRACTICUM II: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours
(Repeatable for credit) (Slashed with CES 77592) Involves individual counseling and group work with appropriate populations. Caseload geared toward preparation for internship.
Prerequisite: CES 67492; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 16 other
Grade Mode: Standard Letter

CES 67595 SPECIAL TOPICS IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours
(Repeatable for credit) (Slashed with CES 87595) Presentation of topics of special interest to students in counselor education and supervision. Offered irregularly. Topics will be announced in schedule of classes booklet.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CES 67596 INDIVIDUAL INVESTIGATION IN COUNSELOR EDUCATION AND SUPERVISION 1-3 Credit Hours
(Repeatable for credit) (Slashed with CES 87596) Student investigates one or more topics in counseling under supervision. Review selected literature beyond normal course coverage. Arrangements with instructor must be made prior to registration.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 67628 DIAGNOSIS IN COUNSELING 3 Credit Hours
(Slashed with CES 77628) Students develop diagnostic skills in interviewing and use of appropriate nosology in counseling diagnosis.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67662 FOUNDATIONS OF ADDICTIONS COUNSELING 3 Credit Hours
(Slashed with CES 77662) Introduction to fundamental concepts and recommended practices in addictions counseling, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67663 ORIENTATION AND ETHICS: CLINICAL MENTAL HEALTH COUNSELING 3 Credit Hours
(Slashed with CES 77663) Attention is given to the identity, ethics, professional standards and organizations, and employment settings of the clinical mental health counselor. Models of problem definition, administrative structure and service delivery are explored.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 67664 THEORIES AND PRACTICES IN ADDICTIONS COUNSELING 3 Credit Hours
(Slashed with CES 77664) Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.
Prerequisite: CES 67662; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>CES 67665</td>
<td>TREATMENT PLANNING IN ADDICTIONS COUNSELING</td>
<td>3</td>
<td>(Slashed with CES 77665) Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative, coordinated, and ethical care. Prerequisite: CES 67664; and graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
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<tr>
<td>CES 67666</td>
<td>EVIDENCE-BASED PRACTICES IN ADDICTIONS COUNSELING</td>
<td>3</td>
<td>(Slashed with CES 77666) Intensive study of a select number of evidence-based practices (EBPs) in addictions counseling for individuals, groups, and families, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity. Prerequisite: CES 67665; and graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>CES 67668</td>
<td>MOTIVATIONAL INTERVIEWING</td>
<td>3</td>
<td>(Slashed with CES 77668) Introduction to motivational interviewing (MI), a strengths-based evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building. Prerequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
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<tr>
<td>CES 67692</td>
<td>PRACTICUM IN ADDICTIONS COUNSELING</td>
<td>3-6</td>
<td>(Slashed with CES 77692) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six to seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and counselor self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place. Prerequisite: CES 67665 or CES 67666; and graduate standing. Schedule Type: Lecture, Practical Experience Contact Hours: 1 lecture, 14-35 other Grade Mode: Standard Letter-IP</td>
</tr>
<tr>
<td>CES 67695</td>
<td>SPECIAL TOPICS IN CLINICAL MENTAL HEALTH COUNSELING</td>
<td>1-3</td>
<td>(Repeatable for credit) (Slashed with CES 77695) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet. Prerequisite: Graduate standing; and special approval. Schedule Type: Lecture Contact Hours: 1-3 lecture Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>CES 67698</td>
<td>INDIVIDUAL RESEARCH IN CLINICAL MENTAL HEALTH COUNSELING</td>
<td>1-9</td>
<td>(Repeatable for credit) Student pursues research project on selected aspect of clinical mental health counseling under supervision of instructor. Arrangements with instructor must be made prior to registration. Credit hours to be fixed at registration time. Prerequisite: Graduate standing; and special approval. Schedule Type: Research Contact Hours: 1-9 other Grade Mode: Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>CES 67712</td>
<td>ORIENTATION AND ETHICS: CLINICAL REHABILITATION COUNSELORS</td>
<td>3</td>
<td>(Slashed with CES 77712) Introductory course surveys philosophy, history and legislation in rehabilitation, which is defined as a process, social movement and public mandate. Particular emphasis is given to the role and function of the rehabilitation counselor in the private and public sectors. Prerequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>CES 67723</td>
<td>MEDICAL INFORMATION FOR CLINICAL REHABILITATION COUNSELORS</td>
<td>3</td>
<td>(Slashed with CES 77723) Study of the physical impact of disease or injury on individuals; available medical and restorative resources skills in interpreting medical reports and rehabilitation planning. Prerequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
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<tr>
<td>CES 67725</td>
<td>PSYCHOSOCIAL IMPACT OF DISABILITY</td>
<td>3</td>
<td>(Slashed with CES 77725) Introduction to major concepts in rehabilitation regarding the impact of disability on the individual, the family and the community. Normalization stigma and adjustment to loss emphasized. Prerequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
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<tr>
<td>CES 67732</td>
<td>OCCUPATIONAL ASPECTS OF DISABILITY</td>
<td>3</td>
<td>(Slashed with CES 77732) An introduction to a wide range of occupational and vocational analysis through job analysis, job seeking, job placement, job restructuring, work adjustment and independent living approaches. Prerequisite: Graduate standing. Schedule Type: Lecture Contact Hours: 3 lecture Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>CES 67776</td>
<td>RESEARCH IN CLINICAL REHABILITATION COUNSELING</td>
<td>3</td>
<td>(Slashed with CES 77776) Survey of the research literature in disabilities. Guidelines for evaluating and implementing research findings. Course acquaints students with current research. Evaluation of design statistical analysis and conclusions. Prerequisite: Graduate standing. Schedule Type: Seminar Contact Hours: 3 other Grade Mode: Standard Letter</td>
</tr>
</tbody>
</table>
CES 67792  INTERNSHIP I: CLINICAL MENTAL HEALTH COUNSELING  
3 Credit Hours  
(Repeatable for credit) Assignment to a mental health agency, private practice, etc. for extensive and intensive applications of clinical mental health counseling. The scope of practice for this internship is diagnosis and treatment of mental and emotional disorders.  
**Prerequisite:** Clinical Mental Health Counseling major; and graduate standing; and special approval.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 3 lecture, 20 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP  

CES 67795  SPECIAL TOPICS IN CLINICAL REHABILITATION COUNSELING  
1-3 Credit Hours  
(Repeatable for credit) Presentation of special interest to students. Topics vary per course offering.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Individual Investigation  
**Contact Hours:** 3-9 other  
**Grade Mode:** Standard Letter-IP  

CES 67796  INDIVIDUAL INVESTIGATION IN CLINICAL REHABILITATION COUNSELING  
1-3 Credit Hours  
(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Research  
**Contact Hours:** 3-9 other  
**Grade Mode:** Standard Letter-IP  

CES 67798  INDIVIDUAL RESEARCH IN CLINICAL REHABILITATION COUNSELING  
1-6 Credit Hours  
(Repeatable for credit) Research project on an aspect of rehabilitation under supervision of an instructor. Students must make arrangements with the instructor prior to registration.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Research  
**Contact Hours:** 3-18 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP  

CES 67820  GROUP WORK: THEORY AND TECHNIQUES  
3 Credit Hours  
(Slashed with CES 77820) This is an experiential and didactic course designed to provide both an overview of groups and a basic group experience. Involvement in a group is part of this course as is practice of group leadership skills.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CES 67858  SEMINAR: GROUP COUNSELING  
2 Credit Hours  
(Slashed with CES 77858) Study and experience of various theoretical and methodological and practical approaches to group counseling. Includes experience as counselor and participant in peer counseling group.  
**Prerequisite:** Graduate standing; and special approval.  
**Schedule Type:** Seminar  
**Contact Hours:** 2 other  
**Grade Mode:** Standard Letter  

CES 67892  INTERNSHIP II: CLINICAL MENTAL HEALTH COUNSELING  
3 Credit Hours  
(Repeatable for credit) Assignment to a mental health agency, private practice, etc. for extensive and intensive applications of clinical mental health counseling. The scope of practice for this internship is diagnosis and treatment of mental and emotional disorders.  
**Prerequisite:** Clinical Mental Health Counseling major; and graduate standing; and special approval.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 3 lecture, 20 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP  

CES 68011  FOUNDATIONS OF SCHOOL COUNSELING  
3 Credit Hours  
(Slashed with CES 78011) Foundation course in school counseling. Focuses on the professional identity of school counselors and other pupil service personnel and on the development of comprehensive school counseling programs.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CES 68066  COUNSELING ADOLESCENTS  
3 Credit Hours  
(Slashed with CES 78066) A didactic and experiential seminar focusing on adolescents frequently referred to counselors. Counseling procedures, treatment plans and referral procedures for youth will be covered.  
**Prerequisite:** CES 67530 and 67531; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CES 68067  COUNSELING CHILDREN  
3 Credit Hours  
(Slashed with CES 78067) Seminar focusing on intra and interpersonal dynamics of children referred for treatment to counselors. Designed to supplement individual and group counseling skills with play media.  
**Prerequisite:** CES 67530 or 77530 and 67531 or 77531; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CES 68068  SCHOOL COUNSELING PROGRAM MANAGEMENT AND LEADERSHIP  
3 Credit Hours  
(Slashed with CES 78068) Focuses on the management, leadership and implementation of comprehensive school counseling program including developmental counseling approaches, management systems and outcome research.  
**Prerequisite:** CES 68011; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CES 68069  ORIENTATION AND ETHICS: SCHOOL COUNSELING  
3 Credit Hours  
(Slashed with CES 78069) Consideration given to issues that provide an orientation to school counseling. Examples of these issues include professional preparation standards, roles and functions of school counselors, and ethical standards and legal issues.  
**Prerequisite:** Graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter
CES 68070 COLLEGE AND CAREER READINESS 3 Credit Hours
This course will provide students with a knowledge base of the role of school counselors in college and career readiness and counseling. This course is designed to promote college and career advisement knowledge and skills to enable them to effectively work with students and stakeholders in post-secondary options.
Prerequisite: Graduating standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68095 SPECIAL TOPICS IN SCHOOL COUNSELING 1-3 Credit Hours
(Repeatable for credit) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CES 68126 INTRODUCTION TO ASSESSMENT IN COUNSELING 3 Credit Hours
(Slashed with CES 78126) Instruction and experience in utilizing observational, measurement and appraisal methods and instruments relevant to clinical mental health counseling and school counseling settings. Measurement theory and concepts related to the appraisal process are presented.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68128 CLINICAL ASSESSMENT IN COUNSELING 3 Credit Hours
(Slashed with CES 78128) Experience in selecting, administering and interpreting measures of personality and motivation. Primary attention will be placed on measures of psychopathology.
Prerequisite: CES 68126 and 67628; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68130 PSYCHOPATHOLOGY FOR COUNSELORS 3 Credit Hours
(Slashed with CES 78130) This course covers the etiology and treatment of various disorders covered in the current DSM system. Assessment, treatment and psychopharmacological aspects of treatment are considered.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68167 CASE CONCEPTUALIZATION AND TREATMENT PLANNING 3 Credit Hours
(Slashed with CES 88167) Development of understanding of more in-depth and complex counseling processes, case conceptualization and treatment planning, and advanced skills for intervention. Didactic and role-playing methods will be used.
Prerequisite: CES 67628 and CES 67492; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68168 ADVANCED COUNSELING THEORIES 3 Credit Hours
(Repeatable twice for credit) (Slashed with CES 88168) Consideration in depth of major counseling theories, with special emphasis on comparative analysis. Original readings used.
Prerequisite: CES 67492 with a minimum S grade; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68182 CAREER COUNSELING 3 Credit Hours
(Slashed with CES 78182) The world of work, theories of career choice, techniques in career counseling. An introductory course in the career area for practitioners in education, helping services, human resources and personnel.
Prerequisite: Graduating standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68192 INTERNSHIP I: SCHOOL COUNSELING 3 Credit Hours
(Repeatable for credit) Assignment to a school for extensive and intensive applications appropriate for school counseling. A focus on the implementation of advocacy, leadership, collaboration, and systemic change is highlighted. This course meets specific CACREP standards.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 3 lecture, 20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 68284 SUPERVISION IN COUNSELING I 3 Credit Hours
(Repeatable twice for credit) (Slashed with CES 88284) Focuses on supervisory processes in terms of theoretical perspectives and practices of supervision. Reviews relevant literature related to the roles, functions and settings of clinical supervisor. Includes supervisory experiences.
Prerequisite: CES 67592 or 77592 with a minimum S grade; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68292 INTERNSHIP II: SCHOOL COUNSELING 3 Credit Hours
(Repeatable for credit) Assignment to a school for extensive and intensive applications appropriate for school counseling. A focus on the application of advocacy, leadership, collaboration and systemic change are highlighted in this course. This course meets specific CACREP standards.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 68392 SCHOOL COUNSELING PRACTICUM 3 Credit Hours
Students begin supervised practice of counseling with clients, primarily in a K-12 school. Direct observation, audio video recording, individual supervision, and seminar discussion are used for the development of counseling skills, strategies, and professional role. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which the practicum will take place.
Prerequisite: CES 67530 and CES 67531 and CES 67820 and CES 68069; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 20 other
Grade Mode: Satisfactory/Unsatisfactory-IP
CES 68529  COUPLES THERAPY: THEORY AND TECHNIQUES  3 Credit Hours
(Slashed with CES 78529) Study of selected couples therapy theories. Focus on concepts and techniques and their application in the therapeutic setting.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68533  FAMILY THERAPY: THEORY AND TECHNIQUES  3 Credit Hours
(Slashed with CES 78533) Explores systemic family therapy utilizing various philosophical orientations, theoretical concepts and techniques in a didactic experiential and applied atmosphere.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 68538  ADVANCED MULTICULTURAL COUNSELING  3 Credit Hours
(Slashed with CES 78538) This course is designed to assist helping professionals in enhancing the knowledge and skill components of multicultural counseling. Cultural and multicultural counseling experiences with constructive feedback are provided.
Prerequisite: CES 67580 or CES 77580 and CES 67531 or CES 77531; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 69192  PRACTICUM: CLINICAL REHABILITATION COUNSELING  3 Credit Hours
(Repeatable for credit) Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.
Prerequisite: CES 67492 and CES 67628 and CES 67725; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 16 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 69792  INTERNSHIP IN CLINICAL REHABILITATION COUNSELING  3,6 Credit Hours
(Repeatable for credit) Assignment to rehabilitation agency for extensive and intensive applications appropriate for rehabilitation counseling, consulting and coordinating. Supervision of internships shared jointly by rehabilitation agency and university instructor.
Prerequisite: CES 69192; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 23-43 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 70093  VARIABLE TITLE WORKSHOP IN COUNSELOR EDUCATION AND SUPERVISION  1-4 Credit Hours
(Repeatable for credit) (Slashed with CES 50093) Workshops and training laboratories in various aspects of counseling, guidance and personnel services for counselors, supervisors, administrators and paraprofessionals. Prospective enrollees not currently admitted to graduate school may obtain special admission for graduate credit in a workshop. Topics are announced in brochures of College of Continuing Studies. Limit of 6 hours with adviser's permission toward any degree program.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 70193  VARIABLE TITLE WORKSHOP IN CLINICAL REHABILITATION COUNSELING  1-4 Credit Hours
(Repeatable for credit) (Slashed with CES 60193) Variable topic workshop designed to respond to emerging or specialized needs in clinical rehabilitation counseling.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 77530  COUNSELING THEORIES  3 Credit Hours
(Slashed with CES 67530) A survey of counseling practice that examines the nature of counseling process and relationships as described from major theoretical perspectives.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77531  COUNSELING SKILLS AND TECHNIQUES  3 Credit Hours
(Slashed with CES 67531) Didactic and experiential training in basic interviewing and counseling techniques prepares the student for practicum through role playing, videotaped feedback and simulation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77532  RESEARCH FOR THE COUNSELING PROFESSIONALS  3 Credit Hours
Didactic and experiential training in research methods, research design, and preparation of research proposals.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 77580  MULTICULTURAL COUNSELING  3 Credit Hours
(Slashed with CES 67580) Seminar focused on sensitivities needed to work effectively with diverse clients. Consideration given to racism, oppression, poverty, ageism, gender and relational affinity.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77584  WRITING FOR PROFESSIONAL PUBLICATIONS  3 Credit Hours
Seminar experience designed to prepare professionals to publish research findings, conceptualizations and professional field experiences in refereed journals and books. Elements of grant writing also treated.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CES 77592  PRACTICUM II: CLINICAL MENTAL HEALTH COUNSELING  3 Credit Hours
(Repeatable for credit) (Slashed with CES 67592) Involves individual counseling and group work with appropriate populations. Caseload geared toward preparation for internship. Controlled registration.  
Prerequisite: CES 77528; and doctoral standing.  
Schedule Type: Practical Experience  
Contact Hours: 16 other  
Grade Mode: Standard Letter  

CES 77628  DIAGNOSIS IN COUNSELING  3 Credit Hours  
(Slashed with CES 67628) Students develop diagnostic skills in interviewing and use of appropriate nosology in counseling diagnosis.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77662  FOUNDATIONS OF ADDICTIONS COUNSELING  3 Credit Hours  
(Slashed with CES 67662) Introduction to fundamental concepts and recommended practices in addictions counseling, including pharmacology, screening and assessment, facilitating individual and group services, and ethical and legal considerations. Meets minimum training requirements for State of Ohio credentialing eligibility as a chemical dependency counselor assistant.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77663  ORIENTATION AND ETHICS: CLINICAL MENTAL HEALTH COUNSELING  3 Credit Hours  
(Slashed with CES 67663) Attention is given to the identity, ethics, professional standards and organizations and employment settings of the clinical mental health counselor. Models of problem definition, administrative structure and service delivery are explored.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77664  THEORIES AND PRACTICES IN ADDICTIONS COUNSELING  3 Credit Hours  
(Slashed with CES 77664) Review of historical and contemporary theories and models of addiction (e.g., disease, behavioral, public health, family systems), as well as recommended practices in addictions counseling. Pharmacology and sociocultural factors emphasized. Implications for prevention, treatment, and policy are considered.  
Prerequisite: CES 67662 or CES 77662; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77665  TREATMENT PLANNING IN ADDICTIONS COUNSELING  3 Credit Hours  
(Slashed with CES 67665) Assessment and diagnosis of substance use disorders, and formulation of comprehensive and individualized care plans. Consideration of client dimensions and appropriate care levels, and emphasis on collaborative, coordinated, and ethical care.  
Prerequisite: CES 67664 or CES 77664; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77666  EVIDENCE-BASED PRACTICES IN ADDICTIONS COUNSELING  3 Credit Hours  
(Slashed with CES 67666) Intensive study of a select number of evidence-based practices (EBPs) in addictions counseling for individuals, groups, and families, including cognitive-behavioral and systems and family approaches. Didactic and experiential training methods used to promote practice with fidelity.  
Prerequisite: CES 77665; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77668  MOTIVATIONAL INTERVIEWING  3 Credit Hours  
(Slashed with CES 67668) Introduction to motivational interviewing (MI), a strengths-based evidence-based practice designed to facilitate the self-directed and beneficial change of others in a variety of health behaviors. Practice of MI-consistent skills with immediate feedback, use of MI coding scheme to evaluate MI-consistency, and emphasis on continuous learning and skill-building.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CES 77692  PRACTICUM IN ADDICTIONS COUNSELING  3-6 Credit Hours  
(Slashed with CES 67692) Field-based experiential training and supervised practice of addictions counseling with individual and group clients. Practicum site must be approved by CES program. Individual supervision must be supplied onsite (at location of practicum) by licensed behavioral health care provider approved by CES program. Six to seven class sessions per academic term that focus on theory- and training-to-practice implementation, professional role development, ensuring ethical practice, and counselor self-care. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit results to authorized personnel at practicum site prior to first day of academic term in which practicum will take place.  
Prerequisite: CES 67665 or CES 77665 or CES 67666 or CES 77666; and doctoral standing; and special approval.  
Schedule Type: Lecture, Practical Experience  
Contact Hours: 1 lecture, 14-35 other  
Grade Mode: Standard Letter-IP  

CES 77695  SPECIAL TOPICS IN CLINICAL MENTAL HEALTH COUNSELING  1-3 Credit Hours  
(Repeatable for credit) (Slashed with CES 67695) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.  
Prerequisite: Doctoral standing; and special approval.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter
CES 77712 ORIENTATION AND ETHICS: CLINICAL REHABILITATION COUNSELING 3 Credit Hours
(Slashed with CES 67712) Introductory course surveys philosophy, history and legislation in rehabilitation, which is defined as a process, social movement and public mandate. Particular emphasis is given to the role and function of the rehabilitation counselor in the private and public sectors.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77723 MEDICAL INFORMATION FOR CLINICAL REHABILITATION COUNSELORS 3 Credit Hours
(Slashed with CES 67723) Study of the physical impact of disease or injury on individuals, available medical and restorative resources skills in interpreting medical reports and rehabilitation planning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77725 PSYCHOSOCIAL IMPACT OF DISABILITY 3 Credit Hours
(Slashed with CES 67725) Introduction to major concepts in rehabilitation regarding the impact of disability on the individual, the family and the community. Normalization stigma and adjustment to loss emphasized.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77732 OCCUPATIONAL ASPECTS OF DISABILITY 3 Credit Hours
(Slashed with CES 67732) An introduction to a wide range of occupational and vocational analysis through job analysis, job seeking, job placement, job restructuring, work adjustment and independent living approaches.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 77776 INDIVIDUAL INVESTIGATION IN CLINICAL REHABILITATION COUNSELING 1-3 Credit Hours
(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter-IP

CES 77796 INDIVIDUAL INVESTIGATION IN CLINICAL REHABILITATION COUNSELING 1-6 Credit Hours
(Repeatable for credit) Research project on an aspect of rehabilitation under supervision of an instructor. Students must make arrangements with the instructor prior to registration.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 77798 INDIVIDUAL RESEARCH IN CLINICAL REHABILITATION COUNSELING 1-6 Credit Hours
(Repeatable for credit) Research project on an aspect of rehabilitation under supervision of an instructor. Students must make arrangements with the instructor prior to registration.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 77858 SEMINAR: GROUP COUNSELING 2 Credit Hours
(Slashed with CES 67858) This is an experiential and didactic course designed to provide both an overview of groups and a basic group experience. Involvement in a group is part of this course as is practice of group leadership skills.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CES 78011 FOUNDATIONS OF SCHOOL COUNSELING 3 Credit Hours
(Slashed with CES 68011) Foundation course in school counseling. Focuses on the professional identity of school counselors and other pupil service personnel and on the development of comprehensive school counseling program.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78066 COUNSELING ADOLESCENTS 3 Credit Hours
(Slashed with CES 68066) A didactic and experiential seminar focusing on adolescents frequently referred to counselors. Counseling procedures, treatment plans and referral procedures for youth will be covered.
Prerequisite: CES 67530 or CES 77530 and CES 67531 or CES 77531; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CES 78067 COUNSELING CHILDREN 3 Credit Hours
(Slashed with CES 68067) Seminar focusing on intra and interpersonal dynamics of children referred for treatment to counselors. Designed to supplement individual and group counseling skills with play media.
Prerequisite: CES 67530 or CES 77530 and CES 67531 or CES 77531; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78068 SCHOOL COUNSELING PROGRAM MANAGEMENT AND LEADERSHIP 3 Credit Hours
(Slashed with CES 68068) Focuses on the management, leadership and implementation of comprehensive school counseling program including developmental counseling approaches, management systems and outcome research.
Prerequisite: CES 68011 or CES 78011; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78069 ORIENTATION AND ETHICS: SCHOOL COUNSELING 3 Credit Hours
(Slashed with CES 68069) Consideration given to issues that provide an orientation to school counseling. Examples of these issues include professional preparation standards roles and functions of school counselors and ethical standards and legal issues.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78126 INTRODUCTION TO ASSESSMENT IN COUNSELING 3 Credit Hours
(Slashed with CES 68126) Instruction and experience in utilizing observational, measurement and appraisal methods and instruments relevant to clinical mental health counseling and school counseling settings. Measurement theory and concepts related to the appraisal process are presented.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78128 CLINICAL ASSESSMENT IN COUNSELING 3 Credit Hours
(Slashed with CES 68128) A laboratory experience in selecting, administering and interpreting measures of personality and motivation. Primary attention will be placed on measures of psychopathology.
Prerequisite: CES 68126 or CES 78126; and CES 67628 or CES 77628; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78130 PSYCHOPATHOLOGY FOR COUNSELORS 3 Credit Hours
(Slashed with CES 68130) This course covers the etiology and treatment of various disorders covered in the current DSM system. Assessment, treatment, and psychopharmacological aspects of treatment are considered.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78182 CAREER COUNSELING 3 Credit Hours
(Slashed with CES 68182) The world of work, theories of career choice, techniques in career counseling. An introductory course in the career area for practitioners in education, helping services, human resources and personnel.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78529 COUPLES THERAPY: THEORY AND TECHNIQUES 3 Credit Hours
(Slashed with CES 68529) Study of selected couples therapy theories. Focus on concepts and techniques and their application in the therapeutic setting.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78533 FAMILY THERAPY: THEORY AND TECHNIQUES 3 Credit Hours
(Slashed with CES 68533) Explores systemic family therapy utilizing various philosophical orientations, theoretical concepts and techniques in a didactic experiential and applied atmosphere.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78538 ADVANCED MULTICULTURAL COUNSELING 3 Credit Hours
(Slashed with CES 68538) This course is designed to assist helping professionals in enhancing the knowledge and skill components of multicultural counseling. Cultural and multicultural counseling experiences with constructive feedback are provided.
Prerequisite: CES 67580 or CES 77580; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 78592 PRACTICUM IN COUPLES AND FAMILY THERAPY 3 Credit Hours
(Repeatable for credit) Supervised experience in the practice of couples and family counseling. Students meet for individual supervision and seminar groups to assess their effectiveness in helping relationships.
Prerequisite: Doctoral standing in Counselor Education and Supervision major; and special approval.
Schedule Type: Practical Experience
Contact Hours: 14 other
Grade Mode: Standard Letter

CES 79129 PRACTICUM II: CLINICAL REHABILITATION COUNSELING 3 Credit Hours
Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.
Prerequisite: Doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 16 other
Grade Mode: Satisfactory/Unsatisfactory-IP
 CES 79792  INTERNSHIP IN CLINICAL REHABILITATION COUNSELING  6 Credit Hours
(Repeatable for credit) Assignment to rehabilitation agency for extensive and intensive applications appropriate for rehabilitation counseling, consulting and coordinating. Supervision of internships shared jointly by rehabilitation agency and university instructor.
Prerequisite: CES 69192 or CES 79192; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 43 other
Grade Mode: Satisfactory/Unsatisfactory-IP

 CES 80090  DOCTORAL RESIDENCY SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION  3 Credit Hours
Focus on professional identity, current issues and trends and involvement in professional activities.
Prerequisite: Doctoral standing in Counselor Education and Supervision major.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

 CES 80199  DISSERTATION I  15 Credit Hours
(Repeatable for credit) Doctoral candidates work on dissertation research in consultation with their advisors. Doctoral candidates will register for two consecutive semesters of CES 80199 Dissertation I for 15 hours each semester, immediately following successful completion of doctoral comprehensive exams. Thereafter, students will register for CES 80299 Dissertation II each semester, including summer, until all degree requirements have been met.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

 CES 80200  FUNDAMENTALS OF WRITING AND RESEARCH IN COUNSELOR EDUCATION AND SUPERVISION  3 Credit Hours
Didactic and experiential training in the fundamentals of academic or scholarly writing and research in the counseling profession. Emphasis on reading practices; elements, principles, and processes of academic or scholarly writing; and generativity and systematic methodology in applied research in counseling and counselor education and supervision.
Prerequisite: Doctoral standing in the Counselor Education and Supervision major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

 CES 80299  DISSERTATION II  15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of Dissertation I and continuing until all degree requirements are met. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
Prerequisite: CES 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

 CES 80300  LEADERSHIP AND ADVOCACY IN COUNSELOR EDUCATION AND SUPERVISION  3 Credit Hours
This course is designed to assist doctoral level CES students to become knowledgeable and skillful professionals in leadership and advocacy efforts. Students will learn aspects of leadership and advocacy, such as applications in various settings and with diverse populations, to enable them to develop ethical and culturally relevant practices. Students must have completed one semester in the Counselor Education and Supervision doctoral program to enroll in this course.
Prerequisite: Doctoral standing in the Counselor Education and Supervision major.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

 CES 87392  ADVANCED INDIVIDUAL COUNSELING PRACTICUM  3 Credit Hours
(Repeatable for credit) Supervised experience in counseling. Students meet for individual supervision and in seminar groups to assess their effectiveness in helping relationships.
Prerequisite: Doctoral standing in the Counselor Education and Supervision major.
Schedule Type: Practical Experience
Contact Hours: 14 other
Grade Mode: Standard Letter

 CES 87595  SPECIAL TOPICS IN COUNSELOR EDUCATION AND SUPERVISION  1-3 Credit Hours
(Repeatable for credit) Presentation of topics of special interest to students in counselor education and supervision. Offered irregularly. Topics will be announced in schedule of classes booklet.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

 CES 87596  INDIVIDUAL INVESTIGATION IN COUNSELOR EDUCATION AND SUPERVISION  1-3 Credit Hours
(Repeatable for credit) (Slashed with CES 67596) Student investigates one or more topics in counseling under supervision. Review selected literature beyond normal course coverage. Arrangements with instructor must be made prior to registration.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

 CES 88167  CASE CONCEPTUALIZATION AND TREATMENT PLANNING  3 Credit Hours
(Slashed with CES 68167) Development of understanding of more in-depth and complex counseling processes, case conceptualization and treatment planning, and advanced skills for intervention. Didactic and role-playing methods will be used.
Prerequisite: CES 67628 or CES 77628; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CES 88168 ADVANCED COUNSELING THEORIES   3 Credit Hours
(Repeatable twice for credit) (Slashed with CES 68168) Consideration in depth of major counseling theories, with special emphasis on comparative analysis. Original readings used.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 88281 RESEARCH SEMINAR IN COUNSELOR EDUCATION AND SUPERVISION   3 Credit Hours
Topics or problems of current concern in counselor education and supervision services. Review of significant studies, design strategies, instrumentation, data analysis and research issues. Topic to be announced in schedule of classes booklet.
Prerequisite: CES 80200, EVAL 75510, EVAL 85515 and EVAL 85516; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CES 88284 SUPERVISION IN COUNSELING I   3 Credit Hours
(Repeatable twice for credit) (Slashed with CES 68284) This seminar focuses on supervisory processes in terms of theoretical perspectives and practices of supervision. Reviews relevant literature related to the roles, functions and settings of clinical supervisor. Includes supervisory experiences.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 88292 INTERNSHIP IN COUNSELOR EDUCATION AND SUPERVISION   3-6 Credit Hours
(Repeatable for credit) Opportunity to integrate learning and skills in Counseling, Teaching, Research and Scholarship, Leadership, and Supervision. Each experience requires supervision. Completion of program course requirements is necessary prior to registration. Limited to 12 students.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience, Seminar
Contact Hours: 23-46 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 88294 COLLEGE TEACHING IN COUNSELOR EDUCATION AND SUPERVISION I   3 Credit Hours
(Repeatable for credit) An overview of teaching counseling at a graduate college level. The course consists of foundations, structural, and process components of college teaching. Students will be involved in activities that address each of these areas. Students will develop a reflective process that will support continual improvement in teaching.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 88298 INDIVIDUAL RESEARCH IN COUNSELOR EDUCATION AND SUPERVISION   1-3 Credit Hours
(Repeatable for credit) Individual research on selected aspect of counseling and human development services under supervision of instructor. Arrangements with instructor must be made prior to registration. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CES 88392 COLLEGE TEACHING IN COUNSELOR EDUCATION AND SUPERVISION II   3 Credit Hours
(Repeatable for credit) Supervised experience in the practice of college teaching in Counselor Education and Supervision. Students will teach a master's level course in Counselor Education and Supervision and then meet for group supervision to assess their effectiveness in college teaching. Live and recorded supervisory processes will be utilized to assist with skill development.
Prerequisite: CES 88294; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CES 88492 SUPERVISION IN COUNSELING II   3 Credit Hours
(Repeatable for credit) This practicum focuses on the application of theoretical perspectives and practices of counseling supervision. It includes multiple supervisory experiences, including facilitation of individual and group supervision of counseling students in master's practicums or internships.
Prerequisite: CES 88284; and doctoral standing in the Counselor Education and Supervision major.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

Educational Psychology (EPSY)
EPSY 29525 EDUCATIONAL PSYCHOLOGY   3 Credit Hours
Examines major theories of human development and learning, motivation, instructional strategies, assessment; similarities and differences in learners. The role of factors in the students' learning and development is considered. Participation in the educational psychology research participant pool or an alternative research assignment is required.
Prerequisite: CULT 29535.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: TAG Education

EPSY 49525 RELATIONAL LEARNING IN EDUCATION   3 Credit Hours
(Repeatable for credit) Seminar focuses on national and international relational learning approaches to education. Current literature on relational learning is critiques. Professional identity is supported through engages learning opportunities in per mentoring experiences and faculty-led research. Course may be repeated for maximum 9 credit hours.
Prerequisite: Special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter
EPSY 50093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL PSYCHOLOGY 1-4 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Slashed with EPSY 70093)
Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

EPSY 63531 CURRICULUM DEVELOPMENT FOR GIFTED LEARNERS 3 Credit Hours
Focus on design/development of curriculum for gifted learners; adapt/modify existing curricula; design curricular materials through predetermined process assessment of suitability of materials.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 63532 GIFTED PROGRAM DESIGN, ASSESSMENT AND ADMINISTRATION 3 Credit Hours
Fundamentals of designing gifted programs are reviewed. Topics include student identification, assessment, advocacy, program evaluation, compliance with state standards, and teacher preparation.
Prerequisite: EPSY 63540 and EPSY 63545; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 63535 SOCIAL AND EMOTIONAL ASPECTS OF THE GIFTED AND SPECIAL SUBPOPULATIONS 3 Credit Hours
The affective needs and characteristics of gifted learners and special subpopulations are examined with consideration of the implications for instruction and socio-emotional supports.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 63540 NATURE AND NEEDS OF GIFTED 3 Credit Hours
Personal characteristics, abilities and potentials of gifted through review of related research. Evaluation of research findings and implications for psycho-educational development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 63545 INSTRUCTIONAL PROCESSES FOR GIFTED CHILDREN 3 Credit Hours
Education and guidance of gifted students, K-12. Classroom strategies for instruction and accommodation including selection of appropriate instructional strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 64892 ADVANCED PRACTICUM: GIFTED AND TALENTED EDUCATION 3 Credit Hours
This course is designed to provide an opportunity to practice skills and demonstrate appropriate dispositions for meeting the needs of students who are gifted and talented.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter/IP

EPSY 65520 CHILD AND ADOLESCENT DEVELOPMENT 3 Credit Hours
(Slashed with EPSY 75520) Dimensions of human development and learning, causal factors and research findings which carry implications for educators in various settings; focusing on birth through adolescence.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65521 LIFE SPAN DEVELOPMENT 3 Credit Hours
(Slashed with EPSY 75521) Orientation to human development across life span from conception to death; emphasis on pluralistic determinants of individual growth within changing environmental contexts. Implications for educational and human service practices are emphasized.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65522 LEARNING THEORIES 3 Credit Hours
(Slashed with EPSY 75522) Theories of learning with special emphasis on application to professional practice. A critical examination of research on human learning processes.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65523 CHILD AND ADOLESCENT DEVELOPMENT 3 Credit Hours
(Slashed with EPSY 75523) Orientation to human development across life span from conception to death; emphasis on pluralistic determinants of individual growth within changing environmental contexts. Implications for educational and human service practices are emphasized.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65524 EDUCATIONAL MOTIVATION 3 Credit Hours
Provides students with the opportunity to explore, analyze and evaluate literature related to theories of motivation. Content is grounded in theories but each of the theories has clear classroom application.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65526 EDUCATIONAL MENTAL HEALTH 3 Credit Hours
Provides an overview of the full range of mental health concerns which are visible in educational settings.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 68901 PSYCHOLOGICAL FOUNDATIONS OF EDUCATION 3 Credit Hours
(Slashed with EPSY 78901) Overview of human development, particularly adolescence, and implications for educational policy and programming, generally and specifically for secondary schools.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Contact Hours</th>
<th>Prerequisite</th>
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<td>EDUCATIONAL PSYCHOLOGY</td>
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<td>(Slashed with EPSY 78905) Analysis and critique of major learning theories, state-of-the-art development in theory, research and application to educational practice in selected disciplines.</td>
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<td>EPSY 69091</td>
<td>SEMINAR IN LEARNING AND DEVELOPMENT</td>
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<td>(Repeatable for credit)Variable topic seminar for advanced study of specialized topics and areas; in learning and development; emphasis on theory and research findings as related to educational practice.</td>
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<td>EPSY 69092</td>
<td>ADVANCED PRACTICUM AND INTERNSHIP</td>
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<td>1-6 other</td>
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<td>Supervised program in field setting involving application of theories, principles, and methodology in learning and development; planned with and supervised by graduate faculty member.</td>
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<td>Prerequisite: Graduate standing; and special approval.</td>
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<td>(Repeatable for credit)Specific topic course offering in response to emerging student or program needs in learning and development.</td>
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<td>INDIVIDUAL INVESTIGATION IN LEARNING AND DEVELOPMENT</td>
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<td>(Repeatable for credit)Students pursue an individual project on a specific topic in learning and development with approval and under direction of instructor.</td>
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<td>Prerequisite: Graduate standing; and special approval.</td>
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<td>RESEARCH IN LEARNING AND DEVELOPMENT</td>
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<td>(Repeatable for credit)Students pursue an individual research project on a specific topic in learning and development with approval and under direction of instructor.</td>
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<td>VARIABLE TOPIC WORKSHOP IN EDUCATIONAL PSYCHOLOGY</td>
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<td>(Repeatable once for a maximum of 6 credit hours) (Cross-listed with EPSY 50093) Offered on request of school system. Enrollment limited to teachers, administrators or supervisors who are employed in sponsoring system and who are accepted to the university.</td>
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<td>CHILD AND ADOLESCENT DEVELOPMENT</td>
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<td>3 lecture</td>
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<td>(Slashed with EPSY 65520) Dimensions of human development and learning, causal factors and research findings which carry implications for educators in various settings; focusing on birth through adolescence.</td>
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<td>EPSY 75523</td>
<td>LIFE SPAN DEVELOPMENT</td>
<td>3</td>
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<td>(Slashed with EPSY 65523) Orientation to human development across life span from conception to death; emphasis on pluralistic determinants of individual growth within changing environmental contexts. Implications for educational and human service practices are emphasized.</td>
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<td>Prerequisite: Doctoral standing.</td>
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<td>EPSY 75524</td>
<td>LEARNING THEORIES</td>
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<td>3 lecture</td>
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<td>(Slashed with EPSY 65524) Theories of learning with special emphasis on application to professional practice. A critical examination of research on human learning processes.</td>
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<td>Prerequisite: Doctoral standing.</td>
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<td>EPSY 75529</td>
<td>EDUCATIONAL MOTIVATION</td>
<td>3</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>3 lecture</td>
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<td>Provides students with the opportunity to explore, analyze and evaluate literature related to theories of motivation. Content is grounded in theories but each of the theories has clear classroom application.</td>
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<td>Prerequisite: Doctoral standing.</td>
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<td>EPSY 78901</td>
<td>PSYCHOLOGICAL FOUNDATIONS OF EDUCATION</td>
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<td>(Slashed with EPSY 68901) Overview of human development and its implications for educational policy and programming for schools.</td>
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EPSY 78905 EDUCATIONAL PSYCHOLOGY 3 Credit Hours
(Slashed with EPSY 68905) Analysis and critique of major learning theories, state-of-the-art development in theory, research and application to educational practice in selected disciplines.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours
Advanced doctoral residency seminar for students in all areas of educational foundations. Focus on current and emergent issues research and trends in education in multiple settings.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

EPSY 87450 PSYCHOLOGICAL PRINCIPLES OF EDUCATION 3 Credit Hours
Provides an exploration of educational psychology as the study of learning and teaching, in particular the mental representations and processes involved in the acquisition, storage, retrieval and use of knowledge in educational settings. Discusses how research and theory in educational psychology can be applied to real world classroom problems. Students are also required to develop a research project, which utilizes technology to test psychological theories about learning and instruction.
Prerequisite: Doctoral standing.
Corequisite: ETEC 87450.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 89091 SEMINAR IN LEARNING AND DEVELOPMENT 1-5 Credit Hours
(Repeatable for credit)Variable topic seminar for advanced study of specialized topics and areas; in learning and development; emphasis on theory and research findings as related to educational practice.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-5 other
Grade Mode: Standard Letter

EPSY 89092 ADVANCED PRACTICUM AND INTERNSHIP 1-6 Credit Hours
Supervised program in field setting involving application of theories, principles, and methodology in learning and development; planned with and supervised by graduate faculty member.
Prerequisite: Doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 3.333-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EPSY 89095 SPECIAL TOPICS IN LEARNING AND DEVELOPMENT 1-3 Credit Hours
(Repeatable for credit) Specific topic course offering in response to emerging student or program needs in learning and development.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

GERontology (GERO)

GERO 14029 INTRODUCTION TO GERONTOLOGY (DIVD) (KSS) 3 Credit Hours
Interdisciplinary approach to the study of the aging process.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic, Kent Core Social Sciences, Transfer Module Social Sciences

GERO 40656 PSYCHOLOGY OF AGING 3 Credit Hours
(Slashed with GERO 50656 and GERO 70656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.
Prerequisite: PSYC 11762.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

GERO 41095 SPECIAL TOPICS IN GERONTOLOGY 1-4 Credit Hours
(Repeatable for credit) Discussion of a major topic within a specific field of gerontology.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

GERO 41096 INDIVIDUAL INVESTIGATION 1-3 Credit Hours
(Repeatable for credit) Independent study in gerontology.
Prerequisite: Written permission from instructor.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

GERO 44030 ADULT DEVELOPMENT AND AGING (WIC) 3 Credit Hours
(Slashed with GERO 54030) Examines developmental processes across adulthood. Evaluation of theoretical models and scientific literature.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

GERO 44031 SOCIAL POLICY AND COMMUNITY RESOURCES FOR OLDER ADULTS 3 Credit Hours
Overview of national, state and local public policy affecting older adults. Legislation, funding, planning and the service delivery system are examined.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

GERO 44092 PRACTICUM IN GERONTOLOGY (ELR) 3-6 Credit Hours
(Repeatable for a total of 6 credit hours) Observation and participation in long-term care or community agencies serving older adults. One class discussion per week. Major GPA of 2.250 required.
Prerequisite: HDF 44018; and human development and family studies majors; and senior standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 14-35 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement
GERO 50656  PSYCHOLOGY OF AGING  3 Credit Hours
(Slashed with GERO 40656 and GERO 70656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

GERO 51095  SPECIAL TOPICS IN GERONTOLOGY  1-4 Credit Hours
(Repeatable for credit) (Slashed with GERO 41095) Discussion of a major topic or topics within the field of gerontology.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

GERO 51096  INDIVIDUAL INVESTIGATION IN GERONTOLOGY  1-3 Credit Hours
(Repeatable for credit) Independent study in the area of gerontology.
Prerequisite: Graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

GERO 54030  ADULT DEVELOPMENT AND AGING  3 Credit Hours
(Slashed with GERO 44030) Examines developmental processes across adulthood. Evaluation of theoretical models and scientific literature.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

GERO 61091  SEMINAR IN GERONTOLOGY  1-3 Credit Hours
(Repeatable for credit) Seminar dealing with topics in the field of gerontology.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

GERO 61191  INTERDISCIPLINARY SEMINAR IN GERONTOLOGY  3 Credit Hours
(Repeatable for credit) Course is designed to assist students in developing the knowledge and skills needed to understand the major issues in gerontological theory, research and practice from a multidisciplinary perspective.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

GERO 70656  PSYCHOLOGY OF AGING  3 Credit Hours
(Slashed with GERO 40656 and GERO 50656) Exploration of basic research and theory on the psychological consequences of aging and psychological factors that affect the behavior of older persons.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Human Development and Family Studies (HDF)

HDF 14027  INTRODUCTION TO HUMAN DEVELOPMENT AND FAMILY SCIENCE  3 Credit Hours
This course is intended to introduce students to the study of lifespan development and family science. Career opportunities available to human development and family science graduates are explored and skills required to succeed in the field are introduced.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 24011  INTERPERSONAL RELATIONSHIPS AND FAMILIES (DIVD)  3 Credit Hours
(Cross-listed with SOC 24011) Exploration of the sociological nature of families across the lifespan, focusing on structure, diversity and life course processes such as dating, mate selection, cohabitation, marriage, parenthood, divorce, remarriage, singlehood, widowhood, parent-child interactions, sexual orientation, inequality and difference.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic

HDF 24012  CHILD DEVELOPMENT  3 Credit Hours
General development of the child from prenatal through middle childhood.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 24013  EARLY ADOLESCENCE  3 Credit Hours
Examines the fundamental transitions, social contexts and psychosocial processes involved in human development from ages 10 through 15. Implications for working with this age group within schools, human services agencies and youth development programs.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 24014  BRIDGING CROSS-NATIONAL RELATIONSHIPS FOR INDIVIDUALS AND FAMILIES  3 Credit Hours
This an interactive course designed to promote students’ intercultural competence. The course provides students with an introduction to key components of various cultures around the world and with skills with which to build effective relationships with individuals from countries others than their own.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 24095  SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE  1-4 Credit Hours
(Repeatable for credit) Discussion of a major topic within human development or family science.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDF 25512</td>
<td>MANAGEMENT OF FAMILY RESOURCES</td>
<td>3</td>
<td>Management as applied to individuals, families and human science professionals.</td>
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<td><strong>Prerequisite:</strong> HDF 24011.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 34031</td>
<td>CULTURAL DIVERSITY: IMPLICATIONS FOR THE HELPING</td>
<td>3</td>
<td>This class is designed to enhance the competence and success of students planning to work in human services. Learning how different cultural backgrounds influence the perceptions and behaviors of clients in the human service setting is emphasized.</td>
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<td><strong>Prerequisite:</strong> None.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 41093</td>
<td>VARIABLE TOPIC WORKSHOP IN HUMAN DEVELOPMENT AND</td>
<td>1-3</td>
<td>(Repeatable for credit) (Slashed with HDF 51093) Workshop setting dealing with a topic or topics in human development and family science. Learning experiences are provided in a wide range of areas.</td>
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<td>FAMILY SCIENCE</td>
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<td></td>
<td><strong>Prerequisite:</strong> None.</td>
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<td></td>
<td><strong>Schedule Type:</strong> Workshop</td>
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<td><strong>Contact Hours:</strong> 1-3 other</td>
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<td><strong>Grade Mode:</strong> Satisfactory/Unsatisfactory</td>
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<tr>
<td>HDF 41095</td>
<td>SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE</td>
<td>1-4</td>
<td>(Repeatable for credit) (Slashed with HDF 51095) Discussion of a major topic within human development or family science.</td>
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<td></td>
<td><strong>Prerequisite:</strong> None.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 1-4 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 41096</td>
<td>INDIVIDUAL INVESTIGATION</td>
<td>1-3</td>
<td>(Repeatable for credit) (Slashed with HDF 51096) Independent study in human development and family science. Written special approval from instructor.</td>
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<td><strong>Prerequisite:</strong> Written special approval from instructor</td>
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<td></td>
<td><strong>Schedule Type:</strong> Individual Investigation</td>
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<td><strong>Contact Hours:</strong> 1-3 other</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 42089</td>
<td>HUMAN DEVELOPMENT AND FAMILY SCIENCE</td>
<td>3</td>
<td>(Repeatable for credit) (Slashed with HDF 52089) Exploration of human development and family science related topics while visiting various cultural contexts.</td>
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<td>INTERNATIONAL EXPERIENCE (DIVG) (ELR)</td>
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<td><strong>Prerequisite:</strong> Minimum 2.750 overall GPA; and special approval.</td>
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<td></td>
<td><strong>Schedule Type:</strong> International Experience</td>
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<td></td>
<td><strong>Contact Hours:</strong> 9 other</td>
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<td><strong>Grade Mode:</strong> Standard Letter-IP</td>
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<td><strong>Attributes:</strong> Diversity Global, Experiential Learning Requirement</td>
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<tr>
<td>HDF 44018</td>
<td>PROFESSIONAL DEVELOPMENT IN HUMAN DEVELOPMENT AND</td>
<td>3</td>
<td>Preparation of students for professional work experiences as well as providing an opportunity to discuss recent developments in the fields of human development, family science and gerontology.</td>
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<td>FAMILY SCIENCE</td>
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<td><strong>Prerequisite:</strong> HDF 24011; and Human Development and Family Science or Long-Term Care Administration majors; and senior standing.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 44020</td>
<td>ADOLESCENT DEVELOPMENT</td>
<td>3</td>
<td>(Slashed with HDF 54020) Study of adolescent development with emphasis on forces related to adolescent behavior in the family and society. Evaluation of current research.</td>
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<td><strong>Prerequisite:</strong> HDF 24011.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 44021</td>
<td>FAMILY INTERVENTION ACROSS THE LIFESPAN</td>
<td>3</td>
<td>(Slashed with HDF 54021) Evaluation of research and theoretical models in the area of family intervention. Focus on strategies for assisting families in coping with a variety of critical issues over the family life cycle.</td>
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<td><strong>Prerequisite:</strong> HDF 24011.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 44022</td>
<td>CHANGING ROLES OF MEN AND WOMEN</td>
<td>3</td>
<td>(Slashed with HDF 54022) A study of roles of men and women, past, present and future.</td>
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<td><strong>Prerequisite:</strong> None.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 44023</td>
<td>BUILDING FAMILY STRENGTHS (WIC)</td>
<td>3</td>
<td>(Slashed with HDF 54023) The Building Family Strengths Model builds upon family life potential; based on extensive research emphasizing identified family strengths.</td>
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<td><strong>Prerequisite:</strong> HDF 24011.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>HDF 44028</td>
<td>PARENT-CHILD RELATIONSHIPS</td>
<td>3</td>
<td>(Slashed with HDF 54028) Study of parent-child relationships across the life span and within various contexts. Emphasis on the process of socialization and determinants of parent-child relationships based on current research.</td>
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<td><strong>Prerequisite:</strong> HDF 24011; and HDF 24012 or PSYC 20651</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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HDF 44029 FAMILY POLICY 3 Credit Hours
(Slashed with HDF 54029) Understanding federal, state and local policy issues affecting families. Role of family life educator in promoting a family-friendly perspective in policy making.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44030 FAMILY LIFE EDUCATION METHODOLOGY 3 Credit Hours
Developing teaching methods and techniques for family life education and the study of family life education content areas.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44032 NONPROFIT FUNDRAISING AND GRANTWRITING 3 Credit Hours
(Slashed with HDF 54032) Provides comprehensive preparation in planning, seeking and acquiring funding from available resources in supporting the mission of nonprofit human service agencies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44033 COMMUNITY OUTREACH IN NONPROFIT MANAGEMENT (ELR) 3 Credit Hours
An overview of nonprofit organizations at the local, national and international levels, including how to start and manage one. A comprehensive examination of the Board of Directors, advocacy and lobbying, program development, mission, vision and strategic goals, philanthropic fundraising and the financial management process, as well as the legal aspects. In addition, students will study service learning and complete a Field Experience at a nonprofit organization.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

HDF 44034 PRINCIPLES AND PRACTICES OF NONPROFIT MANAGEMENT 3 Credit Hours
An overview of nonprofit organizations including the areas of risk management, mentoring, cultural competence, social entrepreneurship, and how to effectively manage paid staff and volunteers. In addition, students will learn about earned income strategies and the marketing-communication process, including the use of technology. The course will also cover leadership, communication and conflict resolution skills. Other areas of study include accountability and transparency, ethical behavior, building capacity, change management and the importance of collaborations and mergers and government support in the sector.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44035 ASSESSMENT AND STRATEGIES IN CASE MANAGEMENT 3 Credit Hours
An examination of the evaluation of client needs and assessment of client condition. Course emphasizes interviewing as a major assessment strategy.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44037 POSITIVE YOUTH DEVELOPMENT 3 Credit Hours
(Slashed with HDF 54037) Examines individual, family, school and community characteristics that comprise developmental assets contributing to positive youth development (PYD). Definitions and descriptions of PYD approaches are examined as well as evaluations of program effectiveness. Common elements of PYD programs are explored, such as emphasizing youths' strengths, providing opportunities to learn healthy behaviors, promoting positive peer relationships, connecting youth with caring adults, empowering youth to assume leadership roles, and challenging youth in ways that build their competence. Implications for professional child and youth work are discussed.
Prerequisite: HDF 24011 and HDF 44020.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44038 PROFESSIONAL CHILD AND YOUTH WORK PRACTICE 3 Credit Hours
(Slashed with HDF 54038) Provides students with an understanding of the historical and current methodologies and organizational structures of professional child and youth work practice, emphasizing a synthesis of previous and new learning regarding five domains of competence (professionalism, cultural and human diversity, applied human development, relationship and communication and developmental practice methods). Practice issues in community-based and out-of-home care settings as well as work with various child and youth populations are explored.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 44039 BEREAVEMENT, TRAUMA AND OTHER LOSSES 3 Credit Hours
(Slashed with HDF 54039) Exploration of the impact of death, trauma and other losses on individuals and families across the lifespan. Consideration of gender, social and cultural context. Implications for human services professionals.
Prerequisite: HDF 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HDF 44089  FAMILIES IN FLORENCE, ITALY: LOVE, PARENTING AND POLICY (DIVG) (ELR)  3 Credit Hours
The course explores how preventative family science and family policy are developed and executed in an international setting, specifically Florence, Italy. The course uses the city of Florence and its existing resources as experiential learning examples of course content. In this course, we will explore how historical family honor, rituals, culture, and social context continue to influence the modern Florentine family and policies devoted to families. Students will engage in experiential learning experiences to explore how modern policies impact families, and how preventative family education (Family Life Education) exists internationally. We aim to gain a comprehensive understanding of the modern Florentine/Italian family given current government policies while exploring Italian preventative family education.  
Prerequisite: Minimum 2.500 overall GPA.  
Schedule Type: International Experience, Project or Capstone  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Diversity Global, Experiential Learning Requirement

HDF 44092  PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY SCIENCE (ELR)  3-6 Credit Hours
(Repeatable for credit) Observation and participation in child, family and social service agencies. One class discussion per week. If the Practicum site requires it, students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned agency before the first day of the semester in which internship will take place. Major GPA of 2.250 is required.  
Prerequisite: HDF 24011 and HDF 44018 and senior standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 1 lecture, 14-35 other  
Grade Mode: Standard Letter  
Attributes: Experiential Learning Requirement

HDF 45089  LIFESPAN DEVELOPMENT PRACTICES AND OUTCOMES: THE ITALIAN EXPERIENCE (DIVG) (ELR)  3 Credit Hours
This course will explore lifespan development theories through the lens of Italian culture, policy and practices. Most class periods will be spent visiting and observing historical sites, schools, non-profit organizations, and observing everyday life while learning about the influence of religion, education, SES, and state policy on child, adolescent, and adult outcomes. Students will have the opportunity to actively engage with Florentines in a brief in-country volunteer experience.  
Prerequisite: Minimum 2.500 overall GPA.  
Schedule Type: International Experience, Project or Capstone  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Diversity Global, Experiential Learning Requirement

HDF 51093  VARIABLE TITLE WORKSHOP IN HUMAN DEVELOPMENT AND FAMILY SCIENCE  1-3 Credit Hours
(Repeatable for credit) Workshop setting dealing with a topic or topics in human development and family science. Learning experiences are provided in a wide range of areas.  
Prerequisite: Graduate standing.  
Schedule Type: Workshop  
Contact Hours: 1-3 other  
Grade Mode: Satisfactory/Unsatisfactory

HDF 51095  SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE  1-4 Credit Hours
(Repeatable for credit) Discussion of a major topic within human development and family science.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 1-4 lecture  
Grade Mode: Standard Letter

HDF 51096  INDIVIDUAL INVESTIGATION  1-3 Credit Hours
(Repeatable for credit) Independent study in human development and/or family science.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter

HDF 52089  HUMAN DEVELOPMENT AND FAMILY SCIENCE INTERNATIONAL EXPERIENCE  3 Credit Hours
(Repeatable for credit) Exploration of human development and family science related topics while visiting various cultural contexts.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: International Experience  
Contact Hours: 9 other  
Grade Mode: Standard Letter-IP

HDF 54020  ADOLESCENT DEVELOPMENT  3 Credit Hours
(Slashed with HDF 44020) Adolescent development with emphasis on forces related to adolescent behavior. Evaluation of current research.  
Prerequisite: Human development and family science major; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HDF 54021  FAMILY INTERVENTION ACROSS THE LIFESPAN  3 Credit Hours
(Slashed with HDF 44021) Evaluation of research and theoretical models in the area of family intervention. Focus on strategies for assisting families in coping with a variety of critical issues over the family life cycle.  
Prerequisite: Human development and family science major; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HDF 54022  CHANGING ROLES OF MEN AND WOMEN  3 Credit Hours
(Slashed with HDF 44022) A study of roles of men and women, past, present and future.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HDF 54023  BUILDING FAMILY STRENGTHS  3 Credit Hours
(Slashed with HDF 44023) The building family strengths model builds upon family life potential, based on extensive research emphasizing identified family strengths.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
### HDF 54028 PARENT-CHILD RELATIONSHIPS 3 Credit Hours
(Slashed with HDF 44028) Study of parent-child relationships across the life span and within various contexts. Emphasis on the process of socialization and determinants of parent-child relationships based on current research.

**Prerequisite:** Human development and family science major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 54029 FAMILY POLICY 3 Credit Hours
(Slashed with HDF 44029) Understanding federal, state and local policy issues affecting families. Role of family life educator in promoting a family-friendly perspective in policy making.

**Prerequisite:** Human development and family science major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 54032 NONPROFIT FUNDRAISING AND GRANTWRITING 3 Credit Hours
(Slashed with HDF 44032) Provides comprehensive preparation in planning, seeking and acquiring funding from available resources in supporting the mission of nonprofit human services agencies.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 54037 POSITIVE YOUTH DEVELOPMENT 3 Credit Hours
(Slashed with HDF 44037) Examines individual, family, school and community characteristics that comprise developmental assets contributing to positive youth development (PYD). Definitions and descriptions of PYD approaches are examined as well as evaluations of program effectiveness. Common elements of PYD programs are explored, such as emphasizing youths’ strengths, providing opportunities to learn health behaviors, promoting positive peer relationships, connecting youth with caring adults, empowering youth to assume leadership roles, and challenging youth in ways that build their competence. Implications for professional child and youth work are discussed. Students complete a program development project.

**Prerequisite:** HDF 54020; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 54038 PROFESSIONAL CHILD AND YOUTH WORK PRACTICE 3 Credit Hours
(Slashed with HDF 44038) Provides students with an understanding of the historical and current methodologies and organizational structures of professional child and youth work practice emphasizing a synthesis of previous and new learning regarding five domains of competence (professionalism, culture and human diversity, applied human development, relationship and communication and developmental practice methods). Practice issues in community-based and out of home care settings as well as work with various child and youth populations are to be explored. Students complete a program development and evaluation project.

**Prerequisite:** Human development and family science major; and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 54039 BEREAVEMENT, TRAUMA AND OTHER LOSSES 3 Credit Hours
(Slashed with HDF 44039) Exploration of the impact of death, trauma and other losses on individuals and families across the lifespan. Consideration of gender, social and cultural context. Implications for human services professionals.

**Prerequisite:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HDF 61091 SEMINAR 2-3 Credit Hours
(Repeatable for credit) Evaluation and interpretation of recent literature in human development and/or family science. Topic selected for semester will be indicated in the schedule of classes.

**Prerequisite:** Graduate standing.

**Schedule Type:** Seminar

**Contact Hours:** 2-3 other

**Grade Mode:** Standard Letter

### HDF 61098 RESEARCH 1-6 Credit Hours
(Repeatable for credit) Research for master’s level graduate students. Credits earned may be applied toward meeting degree requirements if school approves.

**Prerequisite:** Graduate standing.

**Schedule Type:** Research

**Contact Hours:** 3-18 other

**Grade Mode:** Standard Letter-IP

### HDF 61099 MASTER’S PROJECT 2-6 Credit Hours
(Repeatable for credit) Completion and successful defense of a master’s project. Master’s project students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Project or Capstone

**Contact Hours:** 2-6 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

### HDF 61199 THESIS I 2-6 Credit Hours
(Repeatable for credit) Thesis students must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Masters Thesis

**Contact Hours:** 6-18 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP
HDF 61299  THESIS II  2 Credit Hours  
(Repeatable for credit) Thesis II students must continue registration each semester until all degree requirements are met.
Prerequisite: HDF 61199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HDF 64023  FAMILY THEORIES AND PROCESSES  3 Credit Hours  
An examination of theories and research for understanding family dynamics and changes in families across the lifespan. Includes attention to diverse family structures, dyadic and group processes applicable to families, and social and cultural contexts.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 64024  FAMILY LIFE EDUCATION  3 Credit Hours  
Developing community acceptance, teaching aids and techniques and curriculum for family life education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 64026  PROFESSIONAL ISSUES IN HUMAN DEVELOPMENT AND FAMILY SCIENCE  2 Credit Hours  
This course covers ethical and professional issues related to the field of human development and family science. The course will cover both conceptual ideas related to research and practice in the field as well as practical tools for professional development and successful completion of the Master's Thesis or Project.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

HDF 64027  EARLY ADOLESCENCE  3 Credit Hours  
Examines the fundamental changes, social contexts and psychosocial processes involved in human development from ages 8-15. Implications for working with this age group within schools and human service agencies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDF 64092  PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY SCIENCE  3-6 Credit Hours  
(Repeatable for credit) Observation and participation in child, family and social service agencies. One class discussion per week. If the Practicum site requires it, students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned agency before the first day of the semester in which internship will take place. Major GPA of 2.250 is required.
Prerequisite: Human development and family science major; and graduate standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 14-35 other
Grade Mode: Standard Letter

Learning Science (LRNS)  
LRNS 60199  THESIS I  2-6 Credit Hours  
(Repeatable for credit) Thesis student must register for total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 6-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

LRNS 60299  THESIS II  2 Credit Hours  
(Repeatable for credit) Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: LRNS 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

LRNS 65525  INFORMAL LEARNING  3 Credit Hours  
(Slashed with LRNS 75525) Learning opportunities across the lifespan often occur outside of formal settings. Informal Learning explores learning in the wild, or learning without the use of formal techniques, curriculum, or assessments. The course will focus on helping students develop critical skills needed to read and synthesize basic research, as it is an important tool for lifelong learning.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LRNS 66510  INTRODUCTION TO R FOR EDUCATIONAL AND LEARNING SCIENCES  3 Credit Hours  
(Slashed with LRNS 76510) An introduction to R for statistical computing for graduate students in educational, learning, cognitive, language and human behavioral sciences. Students will learn skills necessary to create graphical figures and tables and manipulate data structures and variables in executable code in R, R Studio and R markdown. Students will learn how to read, understand and synthesize code to develop readable data/results reporting formats on data repositories.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LRNS 66511  STATISTICAL PROGRAMMING IN R FOR LEARNING SCIENCE  3 Credit Hours  
(Slashed with LRNS 76511) This is not a statistics course, but a programming course for statistics in R. The purpose of this course is to teach syntax for common analyses used in R among psychological and social sciences researchers. Theory, as related to statistics, will only be covered in reference to modeling constraints for each analysis. The purpose of this course will be to introduce students to basic syntax and data consideration for statistical analyses commonly used in R — such as t-tests, ANOVA, Regression, MANOVA, Power Analysis, and Mixed Random Effects Models.
Prerequisite: LRNS 66510 and RMS 68713 and RMS 68726; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
LRNS 75525  INFORMAL LEARNING  3 Credit Hours  
(Slashed with LRNS 66511) Learning opportunities across the lifespan often occur outside of formal settings. Informal Learning explores learning in the wild, or learning without the use of formal techniques, curriculum, or assessments. The course will focus on helping students develop critical skills needed to read and synthesize basic research, as it is an important tool for lifelong learning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LRNS 76510  INTRODUCTION TO R FOR EDUCATIONAL AND LEARNING SCIENCES  3 Credit Hours  
(Slashed with LRNS 66510) An introduction to R for statistical computing for graduate students in educational, learning, cognitive, language and human behavioral sciences. Students will learn skills necessary to create graphical figures and tables and manipulate data structures and variables in executable code in R, R Studio and R markdown. Students will learn how to read, understand and synthesize code to develop readable data/results formatting reports on data repositories.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LRNS 76511  STATISTICAL PROGRAMMING IN R FOR LEARNING SCIENCE  3 Credit Hours  
(Slashed with LRNS 66511) This is not a statistics course, but a programming course for statistics in R. The purpose of this course is to teach syntax for common analyses used in R among psychological and social sciences researchers. Theory, as related to statistics, will only be covered in reference to modeling constraints for each analysis. The purpose of this course will be to introduce students to basic syntax and data consideration for statistical analyses commonly used in R – such as t-tests, ANOVA, Regression, MANOVA, Power Analysis, and Mixed Random Effects Models.
Prerequisite: LRNS 76510 and RMS 78713 and RMS 78726; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LRNS 80199  DISSERTATION I  15 Credit Hours  
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

LRNS 80299  DISSERTATION II  15 Credit Hours  
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: LRNS 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

LRNS 89096  INDIVIDUAL INVESTIGATION IN LEARNING AND DEVELOPMENT  1-3 Credit Hours  
(Repeatable for credit) Students pursue an individual project on a specific topic in learning and development with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

LRNS 89098  RESEARCH IN LEARNING AND DEVELOPMENT  1-6 Credit Hours  
(Repeatable for credit) Students pursue an individual research project on a specific topic in learning and development with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

Long-Term Care Administration (LTCA)

LTCA 43092  INTERNSHIP IN NURSING HOME ADMINISTRATION/HEALTH SERVICES EXECUTIVE (ELR)  9 Credit Hours  
Internship in skilled nursing facility. One, 3 hour, on-campus seminar every three weeks (meets four times). Approximately 35-40 clock hours per week at internship site is required. Students participate in weekly online course discussions and have an on-site visit to their internship site during the semester.
Prerequisite: Minimum B grade in LTCA 44032; and human development and family studies majors or long-term care administration majors; and senior standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

LTCA 43192  INTERNSHIP IN NURSING HOME ADMINISTRATION/HEALTH SERVICES EXECUTIVE (ELR)  9 Credit Hours  
Internship in skilled nursing facility. One 3-hour, on-campus seminar every three weeks (meets four times). Approximately 35 clock hours per week at internship site is required. Students participate in weekly online course discussions and have an on-site visit to their internship site during the semester.
Prerequisite: Minimum B grade in LTCA 43092; and human development and family studies major or long-term care administration; and senior standing; and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

LTCA 43032  LONG-TERM CARE ADMINISTRATION I  3 Credit Hours  
(Slashed with LTCA 54032) Presents an overview and introduction to the principles of long-term care administration and other administration options.
Prerequisite: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
LTCA 44033  LONG-TERM CARE ADMINISTRATION II  3 Credit Hours
(Slashed with LTCA 54033) Presents a focus on Assisted Living (AL)
and Home and Community Based Services (HCBS) and Supports in
long term care to align with accreditation standards for Nursing Home
Administration-Health Services Executive (NHA-HSE).
Prerequisite: Minimum B- in LTCA 44032; and senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LTCA 54032  LONG-TERM CARE ADMINISTRATION I  3 Credit Hours
(Slashed with LTCA 44032) Presents an overview and introduction to the
principles of long-term care (LTC) administration and other administration
options.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LTCA 54033  LONG-TERM CARE ADMINISTRATION II  3 Credit Hours
(Slashed with LTCA 44033) Presents a focus on Assisted Living (AL)
and Home and Community Based Services (HCBS) and Supports in
long term care to align with accreditation standards for Nursing Home
Administration-Health Services Executive (NHA-HSE).
Prerequisite: Minimum B grade in LTCA 54032; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

LTCA 63092  INTERNSHIP IN NURSING HOME ADMINISTRATOR/
HEALTH SERVICES EXECUTIVE I  6 Credit Hours
Internship in skilled nursing facility and other lines of service. Seminar
meetings during the semester. Weekly online discussions. Assignments
and projects throughout the semester. Minimum 35 clock hours per week
at internship site is required.
Prerequisite: Minimum B- grade in LTCA 54032; and graduate standing;
and special approval.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter

LTCA 63192  INTERNSHIP IN NURSING HOME ADMINISTRATOR/
HEALTH SERVICES EXECUTIVE II  6 Credit Hours
Internship in skilled nursing facility and other lines of service. Seminar
meetings during the semester. Weekly online discussions. Assignments
and projects throughout the semester. Minimum 35 clock hours per week
at internship site is required.
Prerequisite: A minimum B grade in both LTCA 54032 and LTCA 63092;
and graduate standing; and special approval.
Schedule Type: Practical Experience, Seminar
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter

School Psychology (SPSY)

SPSY 60093  VARIABLE TITLE WORKSHOP IN SCHOOL PSYCHOLOGY
1-4 Credit Hours
(Repeatable for credit)
Prerequisite: Grading standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

SPSY 60162  DEVELOPMENTAL ASSESSMENT  3 Credit Hours
Reviews the educational, family and regulatory forces that influence
success at each significant transition for preschool, kindergarten and
primary grade children. 24 clinical/field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 60191  SEMINAR: SCHOOL PSYCHOLOGY  1-4 Credit Hours
(Repeatable for credit)Seminar in school psychology. Varied topics.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

SPSY 67592  FIELD EXPERIENCE IN EDUCATION FOR SCHOOL
PSYCHOLOGISTS  2 Credit Hours
This field experience provides students with the opportunity to observe
various school and educational settings that reflect the typical work
scope for school psychologists. Required for those students in school
psychology who do not have teaching certificates and have not spent
extensive time in public schools. Students are required to complete
Bureau of Criminal Investigation and Identification (BCII) and Federal
Bureau of Investigation (FBI) background checks and submit the results
to authorized personnel at their assigned "school-agency" before the first
day of the semester in which student teaching internship will take place.
Prerequisite: School psychology major; and graduate standing.
Schedule Type: Field Experience
Contact Hours: 8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 67692  PRACTICUM I IN SCHOOL PSYCHOLOGY  3 Credit
Hours
(Repeatable for credit) (Slashed with SPSY 77692) This course provides
students with experience, support, and opportunities for reflection related
to the foundational domains of the practice of school psychology and
ongoing professional development. Students are required to complete
Bureau of Criminal Investigation and Identification (BCII) and Federal
Bureau of Investigation (FBI) background checks and submit the results
to authorized personnel prior to the beginning of any field-based
activities.
Prerequisite: School psychology major; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
SPSY 67922  PRACTICUM II IN SCHOOL PSYCHOLOGY  3 Credit Hours
(Repeatable for credit) (Slashed with SPSY 77792) Provides students with applied experience and professional development related to foundational domains of school psychology practice. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.
Prerequisite: SPSY 67692 or SPSY 77692; and school psychology major; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 67892  ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY  3-6 Credit Hours
(Repeatable for credit) (Slashed with SPSY 77892) Provides students with advanced applied experience in educational, mental health, or behavioral health settings. 60 clock hours per credit hour. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.
Prerequisite: SPSY 67792; and school psychology major; and graduate standing and; special approval.
Schedule Type: Practical Experience
Contact Hours: 12-24 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 67912  ROLE OF THE SCHOOL PSYCHOLOGIST  3 Credit Hours
Study of role and functions of school psychologists in American education. Includes history of school psychology and future orientation. Five clinical/field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPSY 67920  DIAGNOSIS OF CHILDHOOD DISORDERS IN SCHOOLS  3 Credit Hours
Provides overview of diagnosis of child and adolescent behavior disorders (ADHD, conduct problems) emotional and social disorders (depression, anxiety, phobias) and developmental acquired disorders (autism, mental retardation).
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67925  INTRODUCTION TO NEUROPSYCHOLOGY FOR SCHOOL PSYCHOLOGISTS  1 Credit Hour
Introduces basic concepts in child neuropsychology with relevance for applied school psychological practice. Topics include biological bases of behavior and implications for educational interventions.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPSY 67926  INTRODUCTION TO DIGITAL CITIZENSHIP FOR SCHOOL PSYCHOLOGISTS  1 Credit Hour
(Slashed with SPSY 77926) This course is designed to provide students with an introductory understanding of the fundamental issues and practices of technology in school psychology. Students will gain skills related to: (a) ethical and professional use of technology; (b) evaluate features of various technology systems; (c) identify functional intervention goals to which technology can contribute; and (d) use technology to collect, analyze, summarize, and report student performance to aid instructional decision-making.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPSY 67928  GROUP COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS  3 Credit Hours
Review of group counseling techniques for rehab counselors and school psychologists. Skills developed in group process and group leadership. A variety of group interventions will be examined including techniques for persons with disabilities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67929  INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS  3 Credit Hours
(Slashed with SPSY 77929) Review of individual counseling techniques. Skills developed in communication, interviewing, problem identification, goal setting and program development are fostered by lecture, video feedback and simulation.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67931  PROGRAM DEVELOPMENT AND ETHICAL APPLICATION OF APPLIED BEHAVIOR ANALYSIS  3 Credit Hours
Describe and apply methodology and research design in monitoring the effectiveness of behavioral interventions and to use such information to evaluate overall program efficacy. Consideration is given to student characteristics (e.g., underlying disability) when developing and evaluating behavior programs based. Use of specific tools for prioritizing behaviors, evaluating progress, and making treatment program decisions are presented. Issues related to ethics, treatment implementation fidelity, and behavioral program development are also emphasized.
Prerequisite: SPED 53030; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPSY 67932 ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE
BEHAVIOR 3 Credit Hours
Use and interpretation of functional behavioral assessment in
educational settings to lead to the identification of empirically-
supported interventions to address the behavioral needs of children.
The development, implementation and analysis of functional analysis
procedures. Special emphasis given to identifying/designing,
implementing and assessing the effectiveness of advanced behavioral
interventions in consultation. 20 field hrs.
Prerequisite: SPED 53030 and SPSY 67920 or SPSY 77920; and graduate
standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67951 COGNITIVE ASSESSMENT OF CHILDREN IN SCHOOLS
3 Credit Hours
Training and experience in administrating, scoring and interpreting
cognitive measures for children and adolescents and writing reports. 30
clinical/field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67955 INSTRUCTIONAL ASSESSMENT FOR SCHOOL
PSYCHOLOGISTS 3 Credit Hours
Training in administration, scoring and interpretation of normative
and non-normative measures of academic achievement, instructional
environment and writing psychoeducational and team reports. 25
clinical/field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67960 INTERVENTIONS WITH CULTURALLY DIVERSE STUDENTS
3 Credit Hours
Introduces skills to effectively and ethically implement educational and
psychological interventions with culturally diverse children in educational
settings. 5 clinical/field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67965 INSTRUCTIONAL INTERVENTIONS FOR SCHOOL
PSYCHOLOGISTS 3 Credit Hours
Describes design and implementation of evidence-based interventions,
methods of data collection and progress monitoring for school based
academic referrals within a problem solving model. Requires 25 clinical
field hours.
Prerequisite: SPSY 67950; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67970 LEGAL, ETHICAL AND PROFESSIONAL ISSUES IN
SCHOOL PSYCHOLOGY 3 Credit Hours
Ethical, legal and professional issues of school psychologists and
counselors will be explored. Considerations of law, regulations, ethical
standards and codes of professional practice of related professional
organizations will be addressed.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67971 ISSUES AND APPROACHES IN SCHOOL PSYCHOLOGY
3 Credit Hours
(Repeatable for a maximum of 6 credit hours) This course describes and
illustrates contemporary elements and forces that impact professional
service in school psychology practice. Students register for two
consecutive semesters in conjunction with internship.
Prerequisite: Graduate standing, and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 67972 SOCIAL-EMOTIONAL ASSESSMENT FOR SCHOOL
PSYCHOLOGISTS 3 Credit Hours
Training in administration, scoring and interpretation of techniques for
assessment of social emotional functioning and adaptive behavior and
writing evaluation team reports. 25 clinical/field hours. Students are
required to complete Bureau of Criminal Investigation and Identification
(BCII) and Federal Bureau of Investigation (FBI) background checks and
submit the results to authorized personnel at their assigned "school/
agency" before the first day of the semester in which student teaching/
internship will take place.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67973 CONSULTATION IN THE HELPING PROFESSIONS 3
Credit Hours
Students learn consultation skills and processes utilizing a number of
professional models such as Caplan's model, behavior and problem
solving models and crisis consultation. 20 clinical/field hours. Students are
required to complete Bureau of Criminal Investigation and Identification
(BCII) and Federal Bureau of Investigation (FBI) background checks and
submit the results to authorized personnel at their assigned "school/
agency" before the first day of the semester in which student teaching/
internship will take place.
Prerequisite: Graduate standing.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

SPSY 67974 SOCIAL-EMOTIONAL INTERVENTIONS IN SCHOOL
PSYCHOLOGY 3 Credit Hours
Describes design and implementation of social-emotional interventions
for childhood disorders. Reviews progress monitoring for school-based
social and emotional referrals within an eco-behavioral problem-solving
model. 25 clinical field hours.
Prerequisite: SPSY 67972; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPSY 67975  HOME, SCHOOL AND COMMUNITY COLLABORATION  3 Credit Hours
(Slashed with SPSY 77975) This course is designed to familiarize school psychologists with essential attitudes, approaches, and actions necessary to form successful family-school-community partnerships that can foster development and learning.
Prerequisite: School psychology major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 67995  SPECIAL TOPICS IN SCHOOL PSYCHOLOGY  1-3 Credit Hours
(Repeatable for credit)Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPSY 67996  INDIVIDUAL INVESTIGATION IN SCHOOL PSYCHOLOGY  1-3 Credit Hours
(Repeatable for credit)Independent reading and/or research directed by a graduate faculty member.
Prerequisite: Graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 67998  INDIVIDUAL RESEARCH IN SCHOOL PSYCHOLOGY  1-9 Credit Hours
(Repeatable for credit)Student pursues research project on selected aspect of school psychology under supervision of instructor. Arrangements with instructor must be made prior to registration.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 70093  VARIABLE TITLE WORKSHOP IN SCHOOL PSYCHOLOGY  1-4 Credit Hours
(Repeatable for credit)Seminar in school psychology. Varied topics.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

SPSY 70191  SEMINAR: SCHOOL PSYCHOLOGY  1-4 Credit Hours
(Repeatable for credit)Seminar in school psychology. Varied topics.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77592  FIELD EXPERIENCE IN EDUCATION FOR SCHOOL PSYCHOLOGISTS  2 Credit Hours
This field experience provides students with the opportunity to observe various school and educational settings that reflect the typical work scope for school psychologists. Required for those students in school psychology who do not have teaching certificates and have not spent extensive time in public schools. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.
Prerequisite: School psychology major; and graduate standing.
Schedule Type: Field Experience
Contact Hours: 8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77692  PRACTICUM I IN SCHOOL PSYCHOLOGY  3 Credit Hours
(Repeatable for credit) (Slashed with SPSY 67692) This course provides students with experience, support, and opportunities for reflection related to the foundational domains of the practice of school psychology and ongoing professional development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to the beginning of any field-based activities.
Prerequisite: School psychology major; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77792  PRACTICUM II IN SCHOOL PSYCHOLOGY  3 Credit Hours
(Repeatable for credit) (Slashed with SPSY 67792) This course provides students with applied experience and professional development related to foundational domains of school psychology practice. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.
Prerequisite: SPSY 67692 or SPSY 77692; and school psychology major; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 70162  DEVELOPMENTAL ASSESSMENT  3 Credit Hours
Reviews the educational, family and regulatory forces that influence success at each significant transition for preschool kindergarten and primary grade children. 24 clinical field hours.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 70165  PRINCIPLES OF SOCIAL LEARNING  3 Credit Hours
The main focus is to provide students with an understanding of behavioral and social learning principles within the context of the school psychologist’s professional practice.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPSY 77892   ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY   3-6 Credit Hours
(Repeatable for credit) (Slashed with SPSY 67892) Provides students with advanced applied experience in educational, mental health, or behavioral health settings. 60 clock hours per credit hour. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel prior to beginning any field-based activities.
Prerequisite: SPSY 77792; and school psychology major; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 12-24 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77912   ROLE OF THE SCHOOL PSYCHOLOGIST   3 Credit Hours
Study of role and functions of school psychologists in American education. Includes history of school psychology and future orientation. Five clinical field hours.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPSY 77920   DIAGNOSIS OF CHILDHOOD DISORDERS IN SCHOOLS   3 Credit Hours
Provides overview of diagnosis of child and adolescent behavior disorders (ADHD, conduct problems) emotional and social disorders (depression, anxiety, phobias) and developmental acquired disorders (autism, mental retardation).
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 77925   INTRODUCTION TO NEUROPSYCHOLOGY FOR SCHOOL PSYCHOLOGISTS   1 Credit Hour
Introduces basic concepts in child neuropsychology with relevance for applied school psychological practice. Topics include biological bases of behavior and implications for educational interventions.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPSY 77926   INTRODUCTION TO DIGITAL CITIZENSHIP FOR SCHOOL PSYCHOLOGISTS   1 Credit Hour
(Slashed with SPSY 67926) This course is designed to provide students with an introductory understanding of the fundamental issues and practices of technology in school psychology. Students will gain skills related to: (a) ethical and professional use of technology; (b) evaluate features of various technology systems; (c) identify functional intervention goals to which technology can contribute; and (d) use technology to collect, analyze, summarize, and report student performance to aid instructional decision-making.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPSY 77928   GROUP COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS   3 Credit Hours
Review of group counseling techniques for rehab counselors and school psychologists. Skills developed in group process and group leadership. A variety of group interventions will be examined including techniques for persons with disabilities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 77929   INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS   3 Credit Hours
(Slashed with SPSY 67929) Review of individual counseling techniques. Skills developed in communication interviewing problem identification goal setting and program development are fostered by lecture, video feedback and simulation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 77932   ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE BEHAVIOR   3 Credit Hours
Use and interpretation of functional behavioral assessment in educational settings to lead to the identification of empirically-supported interventions to address the behavioral needs of children. The development, implementation and analysis of functional analysis procedures. Special emphasis given to identifying/designing, implementing and assessing the effectiveness of advanced behavioral interventions in consultation. 20 field hrs.
Prerequisite: SPED 53030 and SPSY 67920 or SPSY 77920; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 77951   COGNITIVE ASSESSMENT OF CHILDREN IN SCHOOLS   3 Credit Hours
Training and experience in administering, scoring and interpreting cognitive measures for children and adolescents and writing reports. 30 clinical/field hours.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPSY 77955   INSTRUCTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS   3 Credit Hours
Training in administration, scoring and interpretation of normative and non-normative measures of academic achievement instructional environment and writing psychoeducational and team reports. 25 clinical field hours.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
</table>
| SPSY 77960  | INTERVENTIONS WITH CULTURALLY DIVERSE STUDENTS   | 3 Credit Hours | Introduces skills to effectively and ethically implement educational and psychological interventions with culturally diverse children in educational settings. 5 clinical/field hours.  
**Prerequisite:** Doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77965 INSTRUCTIONAL INTERVENTIONS FOR SCHOOL PSYCHOLOGISTS** 3 Credit Hours  
Describes design and implementation of evidence-based interventions, methods of data collection and progress monitoring for school-based academic referrals within a problem-solving model. Requires 25 clinical field hours.  
**Prerequisite:** SPSY 77955; and doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77970 LEGAL, ETHICAL AND PROFESSIONAL ISSUES IN SCHOOL PSYCHOLOGY** 3 Credit Hours  
Ethical, legal and professional issues of school psychologists and counselors will be explored. Considerations of law, regulations, ethical standards and codes of professional practice of related professional organizations will be addressed.  
**Prerequisite:** Doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77971 ISSUES AND APPROACHES IN SCHOOL PSYCHOLOGY** 3 Credit Hours  
(Repeatable for a maximum of 6 credit hours) This course describes and illustrates contemporary elements and forces that impact professional service in school psychology practice. Students register for two consecutive semesters in conjunction with internship.  
**Prerequisite:** Doctoral standing; and permission.  
**Schedule Type:** Combined Lecture and Lab  
**Contact Hours:** 3 other  
**Grade Mode:** Satisfactory/Unsatisfactory-IP  
**SPSY 77972 SOCIAL-EMOTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS** 3 Credit Hours  
Training in administration, scoring and interpretation of techniques for assessment of social, emotional functioning and adaptive behavior and writing evaluation team reports. 25 clinical/field hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.  
**Prerequisite:** Doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77973 CONSULTATION IN THE HELPING PROFESSIONS** 3 Credit Hours  
Students learn consultation skills and processes utilizing a number of professional models such as Caplan's model, behavior and problem-solving models and crisis consultation. 20 clinical/field hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which student teaching/internship will take place.  
**Prerequisite:** Doctoral standing.  
**Schedule Type:** Combined Lecture and Lab  
**Contact Hours:** 3 other  
**Grade Mode:** Standard Letter  
**SPSY 77974 SOCIAL-EMOTIONAL INTERVENTIONS IN SCHOOL PSYCHOLOGY** 3 Credit Hours  
Describes design and implementation of social-emotional interventions for childhood disorders. Reviews progress monitoring for school-based social and emotional referrals within an eco-behavioral problem-solving model. 25 clinical/field hours.  
**Prerequisite:** SPSY 77972; and doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77975 HOME, SCHOOL AND COMMUNITY COLLABORATION** 3 Credit Hours  
(Slashed with SPSY 67975) This course is designed to familiarize school psychologists with essential attitudes, approaches, and actions necessary to form successful family-school-community partnerships that can foster development and learning.  
**Prerequisite:** School psychology major; and doctoral standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**SPSY 77980 INTEGRATING EXPERIENCE IN SCHOOL PSYCHOLOGY** 2 Credit Hours  
This course requires student to research, study and develop expertise in a particular facet of school psychology and to present these findings at the conclusion of his/her training program. Restricted to students in school psychology Ed.S. program. 38 clinical/field hours.  
**Prerequisite:** Doctoral standing; and special approval.  
**Schedule Type:** Lecture  
**Contact Hours:** 2 lecture  
**Grade Mode:** Satisfactory/Unsatisfactory
SPSY 77992  SPECIALIST INTERNSHIP IN SCHOOL PSYCHOLOGY  
1-6 Credit Hours  
(Repeatable for credit) The internship experience provides students with the opportunity to develop and practice the professional roles and functions of a school psychologist in an approved school setting. Students complete one academic year of internship in schools (minimum of 1,200 clock hours) under the supervision of a university supervisor and a certified school psychologist who is employed by a school system. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.  
Prerequisite: School psychology major; and graduate standing; and guest students with permission.  
Schedule Type: Practical Experience  
Contact Hours: 7-40 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77995  SPECIAL TOPICS IN SCHOOL PSYCHOLOGY  
1-3 Credit Hours  
(Repeatable for credit) Presentations of special interest to students. Offered irregularly. Topics will be announced in schedule of classes booklet.  
Prerequisite: Doctoral standing; and special approval.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter

SPSY 77996  INDIVIDUAL INVESTIGATION IN SCHOOL PSYCHOLOGY  
1-3 Credit Hours  
(Repeatable for credit) Independent reading and/or research directed by a graduate faculty member.  
Prerequisite: Doctoral standing.  
Schedule Type: Individual Investigation  
Contact Hours: 3 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77998  INDIVIDUAL RESEARCH IN SCHOOL PSYCHOLOGY  
1-9 Credit Hours  
(Repeatable for credit) Student pursues research project on selected aspect of school psychology under supervision of instructor. Arrangements with instructor must be made prior to registration.  
Prerequisite: Doctoral standing; and special approval.  
Schedule Type: Research  
Contact Hours: 1-9 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 80090  DOCTORAL RESIDENCY SEMINAR  
3 Credit Hours  
Exploration of philosophical, definitional and attitudinal issues in the helping professions. Involvement in current activities of professional life through collaborative work with professors other students and practitioners.  
Prerequisite: Doctoral standing.  
Schedule Type: Seminar  
Contact Hours: 3 other  
Grade Mode: Standard Letter

SPSY 80199  DISSERTATION I  
15 Credit Hours  
(Repeatable for credit) Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.  
Prerequisite: Doctoral standing.  
Schedule Type: Dissertation  
Contact Hours: 3 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 80299  DISSERTATION II  
15 Credit Hours  
(Repeatable for credit) Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all dissertation requirements are met.  
Prerequisite: SPSY 80199; and doctoral standing.  
Schedule Type: Dissertation  
Contact Hours: 15 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 87987  PROFESSIONAL SEMINAR IN SCHOOL PSYCHOLOGY  
3 Credit Hours  
A professional seminar focused on the identity, history and development of school psychology with special emphasis on current professional issues.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

SPSY 87992  DOCTORAL INTERNSHIP IN SCHOOL PSYCHOLOGY  
1-6 Credit Hours  
(Repeatable for credit) The internship experience provides students with the opportunity to develop and practice the professional roles and functions of a school psychologist in an approved school setting. Students complete one academic year of internship in schools (minimum of 1,500 clock hours) under the supervision of a university supervisor and a licensed school psychologist who is employed by a school system. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school-agency" before the first day of the semester in which student teaching internship will take place.  
Prerequisite: School psychology major; and doctoral standing.  
Schedule Type: Practical Experience  
Contact Hours: 10-60 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 87998  RESEARCH SEMINAR IN SCHOOL PSYCHOLOGY  
3 Credit Hours  
(Repeatable for credit) Selected research topics in school psychology. Significant research literature is reviewed; research design methods and issues are presented and small research projects are conducted.  
Prerequisite: Doctoral standing.  
Schedule Type: Research  
Contact Hours: 3 other  
Grade Mode: Standard Letter
Special Education (SPED)

SPED 23000  INTRODUCTION TO EXCEPTIONALITIES (DIVD)  3 Credit Hours
Introduction to student exceptionalities, service delivery/placement options, and multidisciplinary team process. Focus on identification of characteristics, definition and identification procedures of students with exceptionalities.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Diversity Domestic, TAG Education

SPED 24000  INCLUSIVE PRACTICES  3 Credit Hours
Overview of current special education issues as they relate to inclusive practices. Students gain an understanding of the challenges faced by exceptional students and analyze the responsibilities of educational professionals in addressing these challenges. Students develop a productive orientation toward effective instruction in inclusive settings through a study of legal, practical, professional, and attitudinal issues relevant to inclusive education.
Prerequisite: SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 40093  WORKSHOP IN SPECIAL EDUCATION  1-5 Credit Hours
(Slashed with SPED 50093 and SPED 70093) (Repeatable for credit) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University faculty and other institutions. Offered irregularly.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 42030  ISSUES IN MODERATE-INTENSIVE DISABILITIES  3 Credit Hours
(Slashed with SPED 52030) Addresses a variety of topics relevant to the education of students with moderate to intensive (MDIN) educational needs, including contemporary issues, evidence-based interventions and the understanding and addressing of mental health issues in educational environments. Prepares pre-service MDIN teachers to understand challenges they are likely to encounter in the classroom, and connects them with local and national professional development resources to help address those challenges.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 42951  EARLY INTERVENTION IN NATURAL ENVIRONMENTS  3 Credit Hours
Course targets a broad array of early childhood professionals that comprise the field of early intervention from practitioners to future leaders in the field. Primary focus is on identifying natural opportunities for infants and toddlers to acquire and practice functional skills and behaviors. Recommended practice guidelines of the Division for Early Childhood indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child’s daily experience. Course explores issues related to the various natural environments of the children in search of the routines, activities and places that offer the maximum learning and practice opportunities that are family-centered, developmentally and individually appropriate, culturally sensitive and least intrusive.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43010  FAMILY AND PROFESSIONAL COLLABORATION  3 Credit Hours
(Slashed with SPED 53010) This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions who provide services to them. Use of collaborative, interdisciplinary, and inter-agency models in special education.
Prerequisite: Admission to advanced study or the professional phase; and SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43021  ASSESSMENT FOR SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 53021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with mild, moderate, and intensive disabilities. Interpretation of norm- and criterion formal assessments, creation of alternative assessments, modification of informal assessments, ecological and community-based assessments specific to individuals with low incidence and multiple disabilities.
Prerequisite: SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43022  INDIVIDUALIZED PROGRAMMING AND ASSESSMENT IN SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 53022) Course provides students with the knowledge and skills to select appropriate screening and assessment tools for the purpose of determining eligibility for special education services. In addition, students learn how to administer, score and use assessment results to develop an individualized education program (IEP) for students identified with disabilities.
Prerequisite: Admission to advanced standing; and SPED 24000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 43030  APPLIED BEHAVIOR ANALYSIS I: THEORY AND TECHNIQUES  3 Credit Hours
(Slashed with SPED 53030) Theory and techniques associated with applied behavior analysis. Approaches for establishing, implementing, maintaining and monitoring skill development are emphasized. Procedures for assessing and modifying classroom environments/instructional techniques to enhance learning/behavior of individuals with disabilities, with specific emphasis on preventing, increasing positive and decreasing inappropriate behavior are introduced. 25 field hours.
Prerequisite: Admission to advanced study or the professional phase; and SPED 23000.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.5 lecture, 1.5 other
Grade Mode: Standard Letter

SPED 43031  APPLIED BEHAVIOR ANALYSIS II: APPLICATION  3 Credit Hours
Equips students with the skills necessary to integrate the technology of applied behavior analysis (as learned in SPED 43030, Applied Behavior Analysis I) with the analytical skills necessary to prevent, teach, manage and assess behavior. Specific behavioral interventions are presented. Includes 40 field hours.
Prerequisite: Admission to advanced study; and SPED 43030.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

SPED 43040  LANGUAGE AND READING IN SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 53040) Course focuses on instructional approaches to teaching reading and language arts to students with disabilities. Major emphasis throughout is on research-based techniques to improve student reading performance, focusing on the direct instruction approach to teaching reading. Students develop intervention strategies to adapt instructional techniques, materials and assessments to meet the needs of diverse learners with disabilities.
Prerequisite: Admission to advanced study; and SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43041  SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR MATHEMATICAL DIFFICULTIES  3 Credit Hours
This course provides students with the knowledge and skills to plan, deliver, and evaluate supplemental and intensive math instruction using research-based programs and practices. Data based individualization will be used to determine what and how to teach to promote mastery and understanding of critical math skills and concepts. Students learn effective strategies and instructional approaches for improving outcomes for students experiencing persistent difficulties learning math, including students with disabilities.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43050  CHARACTERISTICS OF STUDENTS WITH MILD/MODERATE INTERVENTION NEEDS  3 Credit Hours
Definitions, causes and characteristics, and social and educational implications of learning, developmental and emotional/behavioral disorders of students identified with mild/moderate disabilities. Methods of assessment and interventions, current issues.
Prerequisite: SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43051  CHARACTERISTICS OF STUDENTS WITH MODERATE/INTENSIVE INTERVENTION NEEDS  3 Credit Hours
Overview of specific facets and causes of severe disabilities, physical/psychological aspects, family societal responses political trends etiology and medical implications educational and vocational programming assessment and treatment planning assistive technology.
Prerequisite: SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43052  CURRICULUM METHODS MILD/MODERATE INTERVENTION  3 Credit Hours
(Slashed with SPED 53052) Effective methods for teaching students with mild to moderate disabilities. Research-based practices for individualizing the general education curriculum. Emphasis on specially designed instruction, collaboration, and team-based problem solving.
Prerequisite: Admission to advanced study or the professional phase; and SPED 24000.
Corequisite: SPED 44092.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43053  CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION  3 Credit Hours
(Slashed with SPED 53053) Delivery and adaptation of evidence based practices for students with moderate to intensive educational needs. An emphasis is placed on instruction of functional academic and life skills within naturalistic contexts.
Prerequisite: Admission to advanced study or the professional phase.
Corequisite: SPED 44192.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43070  PLANNING AND PROGRAMMING FOR TRANSITIONS  3 Credit Hours
This course discusses transitions that occur throughout the lifespan for individuals with and without disabilities, and the planning, support development and services available to successfully accomplish them. Introduction to community agencies and adult services.
Prerequisite: SPED 43050 or SPED 43051.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Schedule Type</th>
<th>Corequisite</th>
<th>Prerequisite</th>
<th>Attributes</th>
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<tbody>
<tr>
<td>SPED 43050</td>
<td>ASSISTIVE TECHNOLOGY FOR STUDENTS WITH DISABILITIES</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43051</td>
<td>Admission to advanced study or phase</td>
<td>None</td>
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<td></td>
<td>(Slashed with SPED 53050) Examines the application of high and</td>
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<td>and SPED 43050 or SPED 43051.</td>
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<td>low technology assistive devices for students with intensive</td>
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<td>intervention needs. Analysis of technology needs; selection/development of technology; training/evaluation of technology use by students.</td>
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<td><strong>Prerequisite:</strong> Admission to advanced study or professional</td>
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<td>phase; and SPED 43050 or SPED 43051.</td>
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<td>Schedule Type: Lecture</td>
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<tr>
<td>SPED 43306</td>
<td>FUNDAMENTALS OF AUDIOLOGY FOR STUDENTS WITH HEARING LOSS</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43307</td>
<td>None</td>
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<td></td>
<td>(Slashed with SPED 53306) This course focuses on providing</td>
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<td></td>
<td>non-audiology majors, specifically deaf education, educational</td>
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<td>interpreting, and ASL majors, with knowledge to support and</td>
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<td>serve children with a variety of hearing disorders in the</td>
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<td>educational setting.</td>
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<td><strong>Prerequisite:</strong> None.</td>
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<td>Schedule Type: Lecture</td>
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<td>Grade Mode: Standard Letter</td>
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<td>SPED 43307</td>
<td>LISTENING, LANGUAGE AND PHONEMIC DEVELOPMENT FOR INDIVIDUALS WITH</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43308</td>
<td>None</td>
<td>None</td>
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<td>HEARING LOSS</td>
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<td>(Slashed with SPED 53307) This class focuses on listening,</td>
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<td>language and phonemic development for individuals with hearing</td>
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<td></td>
<td>loss. Specific areas will focus on typical language development</td>
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<td>and the impacts of hearing loss on language development in</td>
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<td></td>
<td>receptive, expressive, semantic, phonological, social,</td>
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<td>morphological and syntactical domains with an emphasis on</td>
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<td>reading and written language. The Auditory-Visual continuum,</td>
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<td>SCALES, along with strategies for zone of development will be</td>
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<td>focused on with auditory development strategies.</td>
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<td><strong>Prerequisite:</strong> None.</td>
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<td>Schedule Type: Lecture</td>
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<tr>
<td>SPED 43309</td>
<td>INTRODUCTION TO DEAF STUDIES (ELR) (WIC)</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43310</td>
<td>None</td>
<td>None</td>
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<td>(Cross-listed with ASL 49309) (Slashed with SPED 53309) Introductory survey course designed to provide informational base and understanding of the unique experiences of Deaf people as a cultural minority. Course includes a discussion of the history of deaf education, etiology and prevalence data, service delivery systems, the process of diagnosis and discovery of hearing loss, issues associated with assessment and the various communication systems used by deaf individuals. Specifically, topics discussed include historical, medical and cultural perspectives regarding the interactions between Deaf and hearing cultural groups and the resulting impact on social, academic-educational and vocational experiences of deaf children, adults and their families.</td>
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<td><strong>Prerequisite:</strong> None.</td>
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<td>Schedule Type: Lecture</td>
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<td>SPED 43310</td>
<td>LANGUAGE DEVELOPMENT FOR DEAF AND HARD-OF-HEARING STUDENTS</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43311</td>
<td>None</td>
<td>None</td>
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<td>(Slashed with SPED 53310) Reviews research, theories and</td>
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<td>theorists in the field of language development for hearing and</td>
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<td>deaf children; develops awareness of language differences</td>
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<td>commonly demonstrated by deaf and hard-of-hearing children;</td>
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<td>demonstrates ways to assess linguistic differences and</td>
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<td>facilitate instruction. Six topic areas include theories of</td>
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<td>language development (review), language and cognition, normal</td>
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<td>language acquisition in signed and spoken languages, child-</td>
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<td>caregiver interaction, language learning in a bilingual setting</td>
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<td>and language assessment. Students gain foundational understanding</td>
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<td>of language development and awareness of classroom applications</td>
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<td>for this knowledge. Deaf Education majors must achieve a</td>
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<td>minimum grade of B (3.000) in SPED 43309 before registering for this course.</td>
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<td><strong>Prerequisite:</strong> Admission to advanced study; and SPED 43309;</td>
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<td>and ASL 19202; and special education major or ASL English</td>
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<td>Schedule Type: Lecture</td>
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<td>SPED 43311</td>
<td>INSTRUCTION OF DEAF/HARD-OF-HEARING STUDENTS WITH SPECIAL NEEDS</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43312</td>
<td>None</td>
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<td>(Slashed with SPED 53311) Theoretical overview of integrated</td>
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<td>linguistics curriculum and reading theories. Strategies to</td>
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<td>address DHH difficulties and barriers, instructional planning and</td>
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<td>materials design, and ongoing assessment strategies. Course</td>
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<td>includes a practicum placement.</td>
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<td><strong>Prerequisite:</strong> Admission to advanced study; and SPED 43313</td>
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<td>Corequisite:</td>
<td>SPED 43392.</td>
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<td>Schedule Type: Lecture</td>
<td>Contact Hours: 3 lecture</td>
<td>Grade Mode: Standard Letter</td>
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<td>SPED 43313</td>
<td>LITERACY ASSESSMENT AND INTERVENTION FOR DEAF/HARD-OF-HEARING</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43314</td>
<td>None</td>
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<td><strong>Prerequisite:</strong> Admission to advanced study; and SPED 43310</td>
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<td>with a minimum B grade; and CI 47504 or ECED 40402.</td>
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<td>SPED 43324</td>
<td>CURRICULUM METHODS AND MATERIALS FOR DEAF/HARD-OF-HEARING STUDENTS</td>
<td>3</td>
<td>Lecture</td>
<td>SPED 43325</td>
<td>None</td>
<td>None</td>
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<td>Designed to provide students with basic knowledge and skills</td>
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<td>needed to effectively design and implement instruction for</td>
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<td>deaf and hard-of-hearing students. Conducted through a</td>
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<td>combination of lectures, discussions, demonstrations and group</td>
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<td>activities. Upon successful completion, students possess</td>
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<td>foundational understanding of how to design and implement</td>
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<td>lessons and curriculum with students who are deaf and hard</td>
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<td><strong>Prerequisite:</strong> Admission to advanced study; and SPED 43313</td>
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<td>with a minimum C grade; and CI 47501 and CI 47502.</td>
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<td>Schedule Type: Lecture</td>
<td>Contact Hours: 3 lecture</td>
<td>Grade Mode: Standard Letter</td>
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SPED 43392  PRACTICUM: DEAF EDUCATION (ELR)  1-3 Credit Hours
(Repeatable for a maximum of 3 credit hours) This classroom and field-based experience is designed to provide pre-service deaf education teachers with the opportunity to develop professional-level skills in working with deaf and hard-of-hearing (DHH) students. The field component will provide experience in working with DHH students with diverse needs, disabilities and ethnic-cultural backgrounds. The class will address appropriate lesson planning and implementation. Students will spend a minimum of 50 hours in the educational setting (a classroom/educational environment) working with at least one student with hearing loss.
Prerequisite: Deaf education concentration in the special education major.
Schedule Type: Practical Experience
Contact Hours: 3.33-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPED 43953  FAMILY PROFESSIONAL COLLABORATION IN EARLY CHILDHOOD  3 Credit Hours
The course is specifically designed to examine issues facing families and professionals serving young children with disabilities and those who are at-risk. This course will provide students with theory, general principles, and procedures for fostering partnerships among families, professionals, students, and other stakeholders that lead to outcomes of individual and mutual empowerment.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43954  PRACTICAL APPLICATION: TEAMING  3 Credit Hours
The purpose of this course is to help students understand and apply the principles of effective collaborative teaming as related to their professional roles and responsibilities in a variety of educational settings serving young children with disabilities. A range of topics will be addressed throughout the course, including team models, consultation, reflective practices, effective meetings, conflict resolution and communication skills and coaching.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43955  TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG CHILDREN  3 Credit Hours
This course provides an overview of typical and atypical development in young children from birth through age eight, both at the pre-natal and peri-natal levels. Traditional and modern theories of development are discussed within an ecological framework, with an emphasis on brain research, risk factors, culture, and the implications of atypical development as it relates to play and learning. Emphasis on the interrelatedness of development as well as the sequences of development (pedagogical, developmental and logical) is explored.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43958  FOUNDATIONS IN EARLY CHILDHOOD SERVICES  3 Credit Hours
This course is designed to provide an overview of topics and issues in regard to young children with disabilities within the context of family and current society. This course is a foundational course relevant to early childhood intervention (ECI) professionals from a variety of fields, and includes the current practices in serving young children and their families. All the information provided is interdisciplinary, inclusive and family-focused by nature. The core principles of the Individuals with Disabilities Education Improvement Act (IDEIA) will be reviewed with specific emphasis on Part B 619 and Part C provisions.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43964  ASSESSMENT AND EVALUATION IN EARLY INTERVENTION AND EARLY CHILDHOOD SPECIAL EDUCATION  3 Credit Hours
This course provides an overview of assessment and evaluation in early childhood services. We will examine a range of systems for comparing and observing early childhood services, practices, for young children and families including: screening, eligibility, programmatic assessment, performance monitoring, program evaluation, and accountability. The theoretical concepts of assessment and program evaluation in early childhood services will be investigated in this course, and there will also be opportunities for you to apply this knowledge of assessment instruments, curriculum and instructional strategies and program evaluation methods to intervention settings. Issues and trends related to assessing young children with disabilities (e.g., assessing family outcomes, cultural and linguistic differences) will also be discussed.
Prerequisite: Minimum 2.750 overall GPA; and sophomore or higher standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43951  SEMINAR IN SPECIAL EDUCATION  1-3 Credit Hours
(Repeatable for credit)Undergraduate seminar in special education; varied topics.
Prerequisite: Admission to advanced study.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPED 43995  SPECIAL TOPICS IN SPECIAL EDUCATION  1-4 Credit Hours
(Repeatable for credit) Selected topics intended to encourage interdisciplinary study to cover areas not treated adequately in traditional coursework and to make available promptly the new and significant experience of faculty within Special Education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter
SPED 43996  INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION  
1-3 Credit Hours  
(Repeatable for credit) Student-initiated experience to pursue an area of interest not covered by a regular course offering, with the guidance of a Special Education faculty member.  
Prerequisite: Special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 3-9 other  
Grade Mode: Satisfactory/Unsatisfactory/IP  

SPED 44020  MEDICAL ASPECTS OF AUTISM SPECTRUM DISORDERS  
3 Credit Hours  
(Cross-listed with SPA 44020) Description of medical issues facing individuals with autism spectrum disorders (ASD) and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with ASD.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SPED 44092  FIELD EXPERIENCE FOR MILD/MODERATE INTERVENTION SPECIALIST (ELR)  
3 Credit Hours  
(Repeatable for credit) Field assignments in conjunction with mild-moderate coursework. Evaluates students in personal conduct, communication skills, instructional design and methods, and impact on student learning aligned with CEC standards.  
Prerequisite: Admission to advanced study or the professional phase.  
Corequisite: SPED 43062.  
Schedule Type: Practical Experience  
Contact Hours: 9 other  
Grade Mode: Satisfactory/Unsatisfactory  
Attributes: Experiential Learning Requirement  

SPED 44192  FIELD EXPERIENCE FOR MODERATE/INTENSIVE INTERVENTION SPECIALIST (ELR)  
3 Credit Hours  
(Repeatable for credit) Field assignments in conjunction with moderate-intensive coursework. Evaluates students in personal conduct, communication skills, instructional design and methods, and impact on student learning aligned with CEC standards.  
Prerequisite: Admission to advanced study or the professional phase.  
Corequisite: SPED 43063.  
Schedule Type: Practical Experience  
Contact Hours: 9 other  
Grade Mode: Satisfactory/Unsatisfactory  
Attributes: Experiential Learning Requirement  

SPED 44309  AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS  
3 Credit Hours  
(Cross-listed with SPA 64309 and SPA 74309) (Slashed with SPED 64309) Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SPED 44492  STUDENT TEACHING IN SPECIAL EDUCATION (ELR)  
4-9 Credit Hours  
Provides opportunity to demonstrate skills in teaching. Students placed in education-based settings; assume total teaching responsibilities of students with exceptionalities for 480 clock hours under the supervision of the school-based mentor teacher and the university supervisor. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.  
Prerequisite: Admission to advanced study.  
Corequisite: SPED 49525.  
Schedule Type: Practical Experience  
Contact Hours: 17-35 other  
Grade Mode: Satisfactory/Unsatisfactory/IP  
Attributes: Experiential Learning Requirement  

SPED 44951  CREATING LEGALLY DEFENSIBLE INDIVIDUAL FAMILY SERVICE PLANS AND INDIVIDUALIZED EDUCATION PROGRAMS (WIC)  
3 Credit Hours  
In this course, students will become familiar with the federal law and state rules as well as recommended practices governing IFSP and IEP development. Students will use this knowledge to competently develop and prepare to implement IFSP outcomes and strategies, and or IEP goals, objectives and benchmarks through the identification of appropriate strategies as well as related supports and services. Family-centered, strengths-based planning and collaboration within the teaming approach will be emphasized. Students will learn about the process of facilitating the development, implementation, and monitoring of the IFSP and IEP as well as learn about the products of this process.  
Prerequisite: Minimum 2.750 overall GPA; SPED 43021; and admission to advanced study.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Writing Intensive Course  

SPED 45089  VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION (DIVG) (ELR)  
1-4 Credit Hours  
(Repeatable for credit) (Slashed with SPED 55089 and SPED 75089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.  
Prerequisite: None.  
Schedule Type: International Experience  
Contact Hours: 1-4 other  
Grade Mode: Standard Letter-IP  
Attributes: Diversity Global, Experiential Learning Requirement
SPED 45090  VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION (ELR)  1-4 Credit Hours
(Slashed with SPED 55090 and SPED 75090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: None.
Schedule Type: Study Away
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

SPED 48880  DEAF EDUCATION TEACHING LABORATORY  1-3 Credit Hours
(Repeatable for credit) The purpose of the “teaching lab” is to provide pre-service teachers with the opportunity to develop their teaching skills prior to student teaching experiences, and to be more effective in their practicum placements. This is accomplished through the planning, teaching, and reflection of mock lessons. Through the “teaching lab” experience, pre-service deaf education teachers will have the opportunity to develop professional-level skills necessary for working with deaf and hard-of-hearing (DHH) students, along with self-reflection and giving and/or receiving feedback. Participating faculty members will observe and assess pre-service teachers as they develop their teaching skills and understanding of what it means to be a professional in the field.
Prerequisite: Enrollment in advanced study.
Schedule Type: Laboratory
Contact Hours: 2-6 lab
Grade Mode: Satisfactory/Unsatisfactory

SPED 49525  INQUIRY SEMINAR INTO PROFESSIONAL PRACTICE  3 Credit Hours
Focus on effective, ethical and responsible implication of professional practice. Provides vehicle to articulate and demonstrate professional competencies, commitment and ethical decision making for providing services to students.
Prerequisite: Admission to advanced study.
Corequisite: SPED 44492.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPED 50093  VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION  1-5 Credit Hours
(Slashed with SPED 40093 and 70093)(Repeatable for credit) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University and other institution faculty. Offered irregularly.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

SPED 52030  ISSUES IN MODERATE-INTENSIVE DISABILITIES  3 Credit Hours
(Slashed with SPED 42030) Addresses a variety of topics relevant to the education of students with moderate to intensive (MDIN) educational needs, including contemporary issues, evidence-based interventions and the understanding and addressing of mental health issues in educational environments. Prepares pre-service MDIN teachers to understand challenges they are likely to encounter in the classroom, and connects them with local and national professional development resources to help address those challenges.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53010  FAMILY AND PROFESSIONAL COLLABORATION  3 Credit Hours
(Slashed with SPED 43010) This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions who provide services to them. Use of collaborative, interdisciplinary, and inter-agency models in special education.
Prerequisite: SPED 23000; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53020  ISSUES IN MODERATE-INTENSIVE DISABILITIES  3 Credit Hours
(Slashed with SPED 42030) Addresses a variety of topics relevant to the education of students with moderate to intensive (MDIN) educational needs, including contemporary issues, evidence-based interventions and the understanding and addressing of mental health issues in educational environments. Prepares pre-service MDIN teachers to understand challenges they are likely to encounter in the classroom, and connects them with local and national professional development resources to help address those challenges.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53021  ASSESSMENT FOR SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 43021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with mild, moderate, and intensive disabilities. Interpretation of norm- and criterion formal assessments, creation of alternative assessments, modification of informal assessments, ecological and community-based assessments specific to individuals with low incidence and multiple disabilities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53022  INDIVIDUALIZED PROGRAMMING AND ASSESSMENT IN SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 43022) Course provides students with the knowledge and skills to select appropriate screening and assessment tools for the purpose of determining eligibility for special education services. In addition, students learn how to administer, score and use assessment results to develop an Individualized Education Program (IEP) for students identified with disabilities.
Prerequisite: SPED 24000; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 53030  APPLIED BEHAVIOR ANALYSIS I: THEORY AND TECHNIQUES  3 Credit Hours
(Slashed with SPED 43030) Theory and techniques associated with applied behavior analysis. Approaches for establishing, implementing, maintaining and monitoring skill development are emphasized. Procedures for assessing and modifying classroom environments/ instructional techniques to enhance learning/behavior of individuals with disabilities, with specific emphasis on preventing, increasing positive and decreasing inappropriate behavior are introduced. 25 field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2.5 lecture, 1.5 other
Grade Mode: Standard Letter

SPED 53031  APPLIED BEHAVIOR ANALYSIS II: APPLICATION  3 Credit Hours
Equips students with the skills necessary to integrate the technology of applied behavior analysis (as learned in SPED 43030, Applied Behavior Analysis I) with the analytical skills necessary to prevent, teach, manage and assess behavior. Specific behavioral interventions are presented. Includes 40 field hours.
Prerequisite: SPED 53030; and graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

SPED 53040  LANGUAGE AND READING IN SPECIAL EDUCATION  3 Credit Hours
(Slashed with SPED 43040) This course focuses on instructional approaches to teaching language and reading to students with disabilities. The major emphasis throughout the course will be on research based techniques to improve student reading performance, focusing on the direct instruction approach to teaching reading. The course will also include intervention strategies to adapt instructional techniques, materials and assessments to meet the needs of diverse learners with disabilities.
Prerequisite: SPED 23000; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53041  SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR MATHEMATICAL DIFFICULTIES  3 Credit Hours
(Slashed with SPED 43041) This course provides students with the knowledge and skills to plan, deliver, and evaluate supplemental and intensive math instruction using research-based programs and practices. Data based individualization will be used to determine what and how to teach to promote mastery and understanding of critical math skills and concepts. Students learn effective strategies and instructional approaches for improving outcomes for students experiencing persistent difficulties learning math, including students with disabilities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53050  CHARACTERISTICS OF STUDENTS WITH MILD/MODERATE INTERVENTION NEEDS  3 Credit Hours
Definitions, causes, characteristics; social, educational implications of learning developmental and emotional behavioral disorders of students identified with mild/moderate disabilities. Methods of assessment and interventions; current issues.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53051  CHARACTERISTICS OF STUDENTS WITH MODERATE/INTENSIVE INTERVENTION NEEDS  3 Credit Hours
Overview of specific facets and causes of severe disabilities, physical/ psychological aspects family/societal responses, political trends, etiology and medical implications, educational and vocational programming, assessment and treatment planning, assistive technology.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53062  CURRICULUM METHODS MILD/MODERATE INTERVENTION  3 Credit Hours
(Slashed with SPED 43062) Effective methods for teaching students with mild to moderate disabilities. Research-based practices for individualizing the general education curriculum. Emphasis on specially designed instruction, collaboration, and team-based problem solving.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53063  CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION  3 Credit Hours
(Slashed with SPED 43063) Delivery and adaptation of evidence based practices for students with moderate to intensive educational needs. An emphasis is placed on instruction of functional academic and life skills within naturalistic contexts.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53070  PLANNING AND PROGRAMMING FOR TRANSITIONS  3 Credit Hours
This course addresses life-span community participation and the planning, support, development, and services available to accomplish it. Introduction to community agencies and adult services. 10 clinical 15 field hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53080  ASSISTIVE TECHNOLOGY FOR STUDENTS WITH DISABILITIES  3 Credit Hours
Examines the application of high and low technology assistive devices for students with intensive intervention needs. Analysis of technology needs; selection/development of technology; training/evaluation of technology use by students.
Prerequisite: SPED 53050 or SPED 53051; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 53101  DEAF CULTURE AND COMMUNITY  3 Credit Hours
(Slashed with ASL 49401) Exploration of historical events and figures from deaf community perspective. Life experiences of "typical" deaf individuals as minority culture representatives interacting with majority culture institutions and processes as depicted in narrative storytelling and folklore.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53108  AMERICAN SIGN LANGUAGE LINGUISTICS AND USAGE 3 Credit Hours
(Cross-listed with ASL 49108) Analytical study of American Sign Language syntactic, semantic, morphology and pragmatics; comparison of spoken languages and ASL using the Stokoe system, impact of educational-setting characteristics on linguistic processes.
Prerequisite: SPED 4/53100; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53306  FUNDAMENTALS OF AUDIOLOGY FOR STUDENTS WITH HEARING LOSS 3 Credit Hours
(Slashed with SPED 43306) This course focuses on providing non-audiology majors, specifically deaf education, educational interpreting, and ASL majors, with knowledge to support and serve children with a variety of hearing disorders in the educational setting.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53307  LISTENING, LANGUAGE AND PHONEMIC DEVELOPMENT FOR INDIVIDUALS WITH HEARING LOSS  3 Credit Hours
(Slashed with SPED 43307) This course focuses on the development of language and phonemic skills and strategies for individuals with hearing loss. Specific areas will focus on typical language development and the impacts of hearing loss on language development in receptive, expressive, semantic, phonological, social, morphological and syntactical domains with an emphasis on reading and written language. The Auditory-Visual continuum, SCALES, along with strategies for zone of development will be focused on with auditory development strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53309  INTRODUCTION TO DEAF STUDIES  3 Credit Hours
(Slashed with ASL 49309 and SPED 43309) Introductory survey course designed to provide informational base and understanding of the unique experiences of Deaf people as a cultural minority. Course includes a discussion of the history of deaf education, etiology and prevalence data, service delivery systems, the process of diagnosis and discovery of hearing loss, issues associated with assessment and the various communication systems used by deaf individuals. Specifically, topics discussed include historical, medical and cultural perspectives regarding the interactions between Deaf and hearing cultural groups and the resulting impact on social, academic-educational and vocational experiences of deaf children, adults and their families.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53310  LANGUAGE DEVELOPMENT FOR DEAF AND HARD-OF-HEARING STUDENTS  3 Credit Hours
Reviews research, theories and theorists in the field of language development for hearing and deaf children; develops awareness of language differences commonly demonstrated by deaf and hard-of-hearing children; demonstrates ways to assess linguistic differences and facilitate instruction. Six topic areas include theories of language development (review), language and cognition, normal language acquisition in signed and spoken languages, child-caregiver interaction, language learning in a bilingual setting and language assessment. Students gain foundational understanding of language development and awareness of classroom applications for this knowledge. Deaf Education majors must achieve a minimum grade of B (3.000) in SPED 53309 before registering for this course.
Prerequisite: SPED 53309 and ASL 19202; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53311  INSTRUCTION OF DEAF/HARD-OF-HEARING STUDENTS WITH SPECIAL NEEDS  3 Credit Hours
IEP and transition planning strategies and program content for deaf/hard-of-hearing students with ADHD, BD, DD,VI,DB, LD, CMI, TBI, chronically health impaired/medically fragile, gifted. Curriculum and lesson development and adaptation for impacted areas.
Prerequisite: SPED 53313 with a minimum B grade; and graduate standing.
Corequisite: SPED 63392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53313  LITERACY ASSESSMENT AND INTERVENTION FOR DEAF/HARD-OF-HEARING STUDENTS  6 Credit Hours
Theoretical overview of integrated linguistics curriculum and reading theories. Strategies to address DHH difficulties and barriers, instructional planning and materials design, and ongoing assessment strategies. Course includes a practicum placement.
Prerequisite: SPED 53310 with a minimum B grade; and CI 67310 or CI 57504; and graduate standing.
Pre/corequisite: ASL 29202 and SPED 63392.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter

SPED 53316  EARLY CHILDHOOD DEAF EDUCATION: FAMILY AND CHILD SERVICE PROVISION  3 Credit Hours
Targets the issues and needs of young deaf/hard-of-hearing children and their families. Topics covered relate to service provision in the home and classroom for deaf/hard-of-hearing children from birth to 5 years of age. Includes 30 hours of work in a practicum placement with a young D/HH child and his/her family.
Prerequisite: SPED 4/53310; ASL/SPED 29202 or sign language proficiency interview (SLPI) at intermediate or above; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 53324 CURRICULUM METHODS AND MATERIALS FOR DEAF/HARD OF HEARING STUDENTS 3 Credit Hours
Designed to provide students with basic knowledge and skills needed to effectively design and implement instruction for deaf and hard-of-hearing students. Conducted through a combination of lectures, discussions, demonstrations and group activities. Upon successful completion, students possess foundational understanding of how to design and implement lessons and curriculum with students who are deaf and hard of hearing.
Prerequisite: SPED 53313 with a minimum B grade; and CI 57501 and CI 57502; and graduate standing.
Corequisite: SPED 53392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53534 SOCIAL/EMOTIONAL COMPONENTS OF GIFTEDNESS 3 Credit Hours
Affective growth of gifted persons is reviewed through research literature and analysis of case studies. Reviews adjustment problems of gifted youth and adults.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 55089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours
(Slashed with SPED 45089 and SPED 75089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: Graduate standing.
Schedule Type: International Experience
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP

SPED 55090 VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours
(Slashed with SPED 45090 and SPED 75090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: Graduate standing.
Schedule Type: Study Away
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP

SPED 58880 DEAF EDUCATION TEACHING LABORATORY 1-3 Credit Hours
(Repeatable for credit) (Slashed with SPED 48880) The purpose of the "teaching lab" is to provide pre-service teachers with the opportunity to develop their teaching skills prior to student teaching experiences, and to be more effective in their practicum placements. This is accomplished through the planning, teaching, and reflection of mock lessons. Through the "teaching lab" experience, pre-service deaf education teachers will have the opportunity to develop professional-level skills necessary for working with deaf and hard-of-hearing (DHH) students, along with self-reflection and giving and/or receiving feedback. Participating faculty members will observe and assess pre-service teachers as they develop their teaching skills and understanding of what it means to be a professional in the field.
Prerequisite: Graduate standing.
Schedule Type: Laboratory
Contact Hours: 2-6 lab
Grade Mode: Satisfactory/Unsatisfactory

SPED 60199 THESIS I 2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: SPED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 62951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours
This seminar targets early childhood special education and intervention professionals that comprise the field of early intervention from practitioners to future leaders in the field. Recommended practice guidelines of the Division for Early Childhood (DEC) indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. In keeping with DEC recommendations, this course will explore issues related to the various natural environments of the children in search of the routines, activities, and places that offer the maximum learning and practice opportunities that are family centered, developmentally and individually appropriate, culturally sensitive, and least intrusive.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63030 PHARMACOLOGICAL INTERVENTIONS IN SPECIAL EDUCATION 3 Credit Hours
Introduce mechanisms by which drugs act; identify benefits/side effects; implications for delivery/ intervention; monitoring in classroom. Classes of drugs examined; issues examined; delineation of responsibilities and prohibitions.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: SPED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 62951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours
This seminar targets early childhood special education and intervention professionals that comprise the field of early intervention from practitioners to future leaders in the field. Recommended practice guidelines of the Division for Early Childhood (DEC) indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. In keeping with DEC recommendations, this course will explore issues related to the various natural environments of the children in search of the routines, activities, and places that offer the maximum learning and practice opportunities that are family centered, developmentally and individually appropriate, culturally sensitive, and least intrusive.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: SPED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 62951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours
This seminar targets early childhood special education and intervention professionals that comprise the field of early intervention from practitioners to future leaders in the field. Recommended practice guidelines of the Division for Early Childhood (DEC) indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. In keeping with DEC recommendations, this course will explore issues related to the various natural environments of the children in search of the routines, activities, and places that offer the maximum learning and practice opportunities that are family centered, developmentally and individually appropriate, culturally sensitive, and least intrusive.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 60299 THESIS II 2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: SPED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 62951 EARLY INTERVENTION IN NATURAL ENVIRONMENTS 3 Credit Hours
This seminar targets early childhood special education and intervention professionals that comprise the field of early intervention from practitioners to future leaders in the field. Recommended practice guidelines of the Division for Early Childhood (DEC) indicate that interventions should be embedded and distributed within and across the routines, activities and places that are part of the child's daily experience. In keeping with DEC recommendations, this course will explore issues related to the various natural environments of the children in search of the routines, activities, and places that offer the maximum learning and practice opportunities that are family centered, developmentally and individually appropriate, culturally sensitive, and least intrusive.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 63031 PROGRAM DEVELOPMENT IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours

Describe and apply methodology and research design in developing and monitoring the effectiveness of behavioral interventions and to use such information to evaluate overall program efficacy. Consideration is given to student characteristics (e.g., underlying disability) when developing and evaluating behavior programs based in applied behavior analysis. Use of specific tools for prioritizing behaviors, evaluating progress, and making treatment program decisions are presented. Issues related to treatment implementation fidelity and behavioral program development are also emphasized.

Prerequisite: Graduate standing.
Pre/corequisite: SPED 53030.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63032 ADVANCED INTERVENTIONS FOR ADDRESSING SEVERE BEHAVIOR 3 Credit Hours

Use and interpretation of functional behavioral assessment in educational settings to lead to the identification of empirically-supported interventions to address the behavioral needs of children. The development, implementation and analysis of functional analysis procedures. Special emphasis given to identifying designing, implementing and assessing the effectiveness of advanced behavioral interventions in consultation. 20 field hours.

Prerequisite: SPED 53030, SPED 53031, SPED 63031, SPED 63301 and SPED 63033; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63033 ETHICAL AND PROFESSIONAL CONDUCT IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours

This course provides an intensive focus on ethical and professional conduct as it applies to day-to-day implementation of applied behavior analytic strategies by professional behavior analysts. Responsible conduct of a behavior analyst, ethical responsibilities to clients, colleagues, the field of applied behavior analysis, and society are featured. BACB Guidelines for Responsible Conduct for Behavior Analyst and BACB Disciplinary and Ethical Standards are reviewed and studied. This course focuses on meeting the updated standards for ethics set forth by the Behavior Analyst Certification Board in the BACB Fourth Edition Task List.

Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63034 PRINCIPLES AND CONCEPTS IN APPLIED BEHAVIOR ANALYSIS 3 Credit Hours

This course focuses on the advanced conceptual, philosophical, and theoretical underpinnings of applied behavior analysis and the research literature from which they were derived. This course is designed for those who will pursue certification through the Behavior Analyst Certification Board, and as such, delves deep into the technical aspects of the science of applied behavior analysis. Students will become fluent in such areas as the theories of behavior, principles of operant and respondent conditioning, stimulus class, automatic and socially mediated contingencies, motivating operations, and stimulus control, as well as be able to identify and describe examples of how they are used. Prerequisite: Admission to Behavior Intervention Specialist Certificate; and graduate standing

Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63092 FIELD EXPERIENCE IN SPECIAL EDUCATION 3 Credit Hours

Provides opportunity to observe master teachers and begin working with students. Students are placed in education-based settings and work with a team of professionals to understand techniques for providing services to students with exceptionalities. Additional seminar meetings.

Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 63101 ADMINISTRATION AND SUPERVISION IN SPECIAL EDUCATION 3 Credit Hours

Administration of educational programs for exceptional children; improvement of teacher competencies; function of special education supervisors; and special education operations at local, state and national levels.

Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63201 CONTEMPORARY ISSUES IN SPECIAL EDUCATION 3 Credit Hours

(Slashed with SPED 83201) Surveys current research, literature and policy issues that affect identification, assessment and service provision to students with exceptionalities.

Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 63204 LEGAL AND POLICY FOUNDATIONS OF SPECIAL EDUCATION 3 Credit Hours
(Slashed with SPED 73204) This course will review the statutory and regulatory foundations of U.S. public policies pertaining to children and youth with disabilities. Key judicial interpretations of those policies will also be reviewed. The course will provide comprehensive overviews of The Individuals with Disabilities Education Act, The Every Student Succeeds Act, The Americans with Disabilities Act, The Vocational Rehabilitation Act, relevant sections of The Social Security Act. In addition, students will gain an awareness of miscellaneous other pieces of legislation and examples of case law pertaining to the education of students with disabilities.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63300 RESEARCH APPLICATIONS IN SPECIAL EDUCATION 3 Credit Hours
(Slashed with SPED 73300) Culminating experience in which students apply their content, methods and research skills to develop a final project that addresses an area of special education. Focuses on techniques for answering research questions, developing curriculum, and assimilating knowledge through applied projects.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPED 63301 SINGLE SUBJECT RESEARCH METHODS 3 Credit Hours
(Repeatable for credit) This course focuses on design and implementation of high-quality, experimental single subject research studies for the purpose of evaluating the effectiveness of an intervention with a particular individual. Masters students learn about the quality indicators for single subject research methods and how to use them to design a study that is internally valid. Doctoral students learn how to use those quality indicators to design, complete, and submit for publication their own research; and how to use them to evaluate single subject research for critical review. Students also learn how to graph outcome data using traditional visual analysis.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63392 PRACTICUM IN DEAF EDUCATION 1-3 Credit Hours
(Repeatable for a maximum of 3 credit hours) This classroom and field-based experience is designed to provide pre-service deaf education teachers with the opportunity to develop professional-level skills in working with deaf and hard-of-hearing (DHH) students. The field component will provide experience in working with DHH students with diverse needs, disabilities, and ethnic-cultural backgrounds. The class will address appropriate lesson planning and implementation. Students will spend a minimum of 50 hours in the educational setting (a classroom/educational environment) working with at least one student with hearing loss.
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 3-3-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 63892 EARLY INTERVENTION INTERNSHIP 3 Credit Hours
(Repeatable for a maximum of 9 credit hours) The Early Intervention Internship involves supervised observation and participation in an early intervention setting(s) for children ages birth to three with developmental delays and disabilities or supervised observation and participation in research and scholarly activities related to the development, delivery, and evaluation of early intervention services to children and their families. Students may be placed at a county board of developmental disabilities, center-, community-, or home-based early intervention program, a developmental center, childcare center, a neonatal intensive care unit (NICU) or other approved placement. The Early Intervention internship will provide students practical experience in an Early Intervention professional setting, one that allows students to develop and refine a variety of skills when working with infants and toddlers with disabilities and their families.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory

SPED 63949 AUTISM SPECTRUM DISORDER CAPSTONE 1-3 Credit Hours
Knowledge and skills gained through participation in the Autism Spectrum Disorders (ASD) program are utilized to develop a project related to the education of individuals with ASD and-or the individuals who support them.
Prerequisite: Graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory

SPED 63950 CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES 3 Credit Hours
(Slashed with SPED 73950) Knowledge about early childhood intervention (ECI) curriculum and intervention. Students will first learn about what evidence-based practice is, and the curriculum models for home-based and center-based settings. Students will then learn about the ECI multi-tiered systems of support framework, and the different characteristics and intervention strategies across tiers. At the end of the course, students will be ready to support the diverse needs of young children using the multi-tiered system of support in early childhood settings.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63952 FAMILY AND PROFESSIONAL COLLABORATION IN EARLY CHILDHOOD 3 Credit Hours
(Cross-listed with ECED 60159) Examines issues facing families and professionals serving young children who are at-risk, disabled and typically developing.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
**SPED 63953  PRACTICAL APPLICATIONS:BIRTH TO FIVE  3 Credit Hours**
Practical application of recommended practices for young children birth-five. Observation of young children in natural environments. Plan and evaluate intervention with families and professionals. Sixty field hours.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63954  PRACTICAL APPLICATIONS: TEAMING  3 Credit Hours**
The purpose of this course is to help students understand and apply the principles of effective collaborative teaming as related to their professional roles and responsibilities in a variety of educational settings serving young children with disabilities. A range of topics will be addressed throughout the course, including giving and receiving feedback, reflective practices, effective meeting, conflict resolution and communication skills, developing and providing quality professional development, supervising, coaching, mentoring, working with para-professionals, itinerant teaching, service coordination, and consulting with general educators.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63955  TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG CHILDREN  3 Credit Hours**
Overview of typical and atypical development pathways from birth to grade 3 including: theories of behavior, implications of atypical development on play, learning, early childhood development within ecological framework.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63956  FOUNDATIONS IN EARLY CHILDHOOD SERVICES  3 Credit Hours**
(Cross-listed with ECED 60156) (Slashed with SPED 73956) Overview of issues facing young children within context of family/society including: history, early childhood services, theoretical perspectives, implications of childhood disabilities, and recommended assessment intervention and evaluation.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63957  ASSESSMENT AND EVALUATION OF EARLY CHILDHOOD SERVICES  3 Credit Hours**
(Slashed with SPED 73957) Examines a range of systems for comparing and observing early childhood services, practices, young children and families: types and purposes of assessment procedures and instruments, monitoring progress.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63958  EARLY CHILDHOOD INTERVENTION METHODS  3 Credit Hours**
Specific strategies for working with children birth to eight with intensive needs (e.g. cerebral palsy, spina bifida, autism). 30 clinical hours will provide students with the opportunity to practice newly acquired intervention strategies, knowledge and skills.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63959  MEDICAL ASPECTS OF LIFESPAN DISABILITIES  3 Credit Hours**
Description of medical issues facing individuals with lifespan disabilities and their families. Examination of etiology, co-occurring disabilities and disorders, and treatment options in relation to individuals with Autism Spectrum Disorders and other developmental disabilities.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture
**Grade Mode:** Standard Letter

**SPED 63992  STUDENT TEACHING IN SPECIAL EDUCATION  4-8 Credit Hours**
(Repeatable for maximum of 8 credit hours) Provides opportunity to demonstrate skills in teaching. Students placed in education-based settings; assume total teaching responsibilities of students with exceptionalities for 480 clock hours under the supervision of the school-based mentor teacher and the university supervisor. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.
**Prerequisite:** Graduate standing; and special approval.
**Corequisite:** SPED 69525.
**Schedule Type:** Practical Experience
**Contact Hours:** 17-35 other
**Grade Mode:** Satisfactory/Unsatisfactory-IP

**SPED 63995  SPECIAL TOPICS IN SPECIAL EDUCATION  1-3 Credit Hours**
(Repeatable for credit)(Slashed with SPED 73995) Specialized offerings in response to emerging or selected program needs.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 1-3 lecture
**Grade Mode:** Standard Letter

**SPED 63996  INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION  1-10 Credit Hours**
(Repeatable for credit)
**Prerequisite:** Graduate standing; and special approval.
**Schedule Type:** Individual Investigation
**Contact Hours:** 1-10 other
**Grade Mode:** Satisfactory/Unsatisfactory-IP
SPED 63998  RESEARCH: SPECIAL EDUCATION  1-10 Credit Hours
(Repeatable for credit)
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 1-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 64200  CURRICULUM METHODS FOR TRANSITION PLANNING AND COLLABORATION  3 Credit Hours
This course focuses upon the development of transition agreements and collaboration between secondary transition specialists and other transition stakeholders (e.g., elementary school regular educators, parents of students with disabilities, adult service programs). Particular emphasis is placed upon infusing vocational, and non-vocational, transition planning in the curricula for individuals with moderate-to-intensive disabilities at all academic grade levels. 100 field hours are required for this course.
Prerequisite: SPED 53070; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 64309  AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS  3 Credit Hours
(Cross-listed with SPA 64309 and SPA 74309) (Slashed with SPED 44309)
Provides an overview of Autism Spectrum Disorders (ASD). Examines the history, characteristics, and prevalence of ASD. Assessment and intervention models are explored as they relate to various theoretical models for understanding ASD.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 64310  AUTISM SPECTRUM DISORDERS: LIFESPAN INTERVENTIONS  3 Credit Hours
(Cross-listed with SPA 64310 and SPA 74310) Provides students with a review of the significant aspects related to educational, social, vocational transitions for children, adolescents, and young adults with Autism Spectrum Disorders (ASD). Students learn skills necessary to evaluate and develop programs designed to meet the changing and long term needs of individuals with ASD.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 64892  ADVANCED PRACTICUM  3-4 Credit Hours
(Repeatable for credit) The purpose of this advanced practicum is to integrate the knowledge and skills acquired through prior curricula to a field-based setting assisting individuals with disabilities. Settings may include, but are not limited to, general education and special education classrooms as well as therapeutic, residential and vocational programs.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 64951  DEVELOPING AN INDIVIDUALIZED FAMILY SERVICE PLAN AND INDIVIDUALIZED EDUCATION PROGRAM  3 Credit Hours
Designed to increase students understanding regarding federal and state rules for developing IEPs for P-12 students and IFSPs for young children and their families. Students will learn how to write functional and measurable IEP goals, objectives and IFSP outcomes, and to use assessment information directly for identifying, writing, and monitoring IFSP outcomes and IEP goals. This course will also teach how to form partnerships with families around developing, implementing and evaluating the IFSP and IEP.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 69525  INQUIRY PROFESSIONAL PRACTICE  3 Credit Hours
This course is to support students during their student teaching experience in the last semester of the program. Planning for instruction and assessment, instructing and engaging students in various special education settings, and assessing learning outcomes are the focus of this course. The course also includes information specific to the professional responsibilities in their placements.
Prerequisite: Graduate standing.
Corequisite: SPED 63992.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 70092  COLLEGE TEACHING AND PRACTICUM  3 Credit Hours
(Repeatable for credit) The content of this course will focus on major aspects of teaching in higher education, including topics such as philosophy of teaching, principles of adult learning, instructional strategies, and assessment. Students will apply their knowledge by participating in activities related to course and material development as well as delivery and grading of an undergraduate or masters level course under the direct supervision of a faculty member.
Prerequisite: Doctoral standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 4 other
Grade Mode: Standard Letter

SPED 70093  VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION  1-5 Credit Hours
(Slashed with SPED 40093 and SPED 50093)(Repeatable for credit) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent State University and other institution faculty. Offered irregularly.
Prerequisite: Doctoral standing.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

SPED 73030  PHARMACOLOGICAL INTERVENTIONS IN SPECIAL EDUCATION  3 Credit Hours
Introduce mechanisms by which drugs act; identify benefits/side effects; implications for delivery/intervention; monitoring in classroom. Classes of drugs examined; issues examined; delineation of responsibilities and prohibitions.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 73204 LEGAL AND POLICY FOUNDATIONS OF SPECIAL EDUCATION 3 Credit Hours
(Slashed with SPED 63204) This course will review the statutory and regulatory foundations of U.S. public policies pertaining to children and youth with disabilities. Key judicial interpretations of those policies will also be reviewed. The course will provide comprehensive overviews of The Individuals with Disabilities Education Act, The Every Student Succeeds Act, The Americans with Disabilities Act, The Vocational Rehabilitation Act, relevant sections of The Social Security Act. In addition, students will gain an awareness of miscellaneous other pieces of legislation and examples of case law pertaining to the education of students with disabilities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 73300 RESEARCH APPLICATIONS IN SPECIAL EDUCATION 3 Credit Hours
(Slashed with SPED 63300) Culminating experience in which students apply their content, methods and research skills to develop a final project that addresses an area of special education. Focuses on techniques for answering research questions, developing curriculum, and assimilating knowledge through applied projects.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPED 73950 CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES 3 Credit Hours
(Slashed with SPED 63950) Knowledge about early childhood intervention (ECI) curriculum and intervention. Students will first learn about what evidence-based practice is, and the curriculum models for home-based and center-based settings. Students will then learn about the ECI multi-tiered systems of support framework, and the different characteristics and intervention strategies across tiers. At the end of the course, students will be ready to support the diverse needs of young children using the multi-tiered system of support in early childhood settings.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 73956 FOUNDATIONS IN EARLY CHILDHOOD SERVICES 3 Credit Hours
(Cross-listed with ECED 60156) (Slashed with SPED 63956) Overview of issues facing young children within context of family/society including: history, early childhood services, theoretical perspectives, implications of childhood disabilities, and recommended assessment intervention and evaluation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 73957 ASSESSMENT AND EVALUATION OF EARLY CHILDHOOD SERVICES 3 Credit Hours
(Slashed with SPED 73957) Examines a range of systems for comparing and observing early childhood services, practices, young children and families: types and purposes of assessment procedures and instruments monitoring progress.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 73991 SEMINAR IN SPECIAL EDUCATION 1,3 Credit Hour
(Repeatable for credit)Various topics include: behavior modification, research problems in special education, theories in special education, social processes in special education.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPED 73995 SPECIAL TOPICS IN SPECIAL EDUCATION 1-3 Credit Hours
(Repeatable for credit)(Slashed with SPED 63995) Specialized offerings in response to emerging or selected program needs.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter-IP

SPED 73996 INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION 1-10 Credit Hours
(Repeatable for credit)
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 74200 CURRICULUM METHODS FOR TRANSITION PLANNING AND COLLABORATION 3 Credit Hours
(Slashed with SPED 64200) This course focuses upon the development of transition agreements and collaboration between secondary transition specialists and other transition stakeholders (e.g., elementary school regular educators, parents of students with disabilities, adult service programs). Particular emphasis is placed upon infusing vocational, and non-vocational, transition planning in the curricula for individuals with moderate-to-intensive disabilities at all academic grade levels. 100 field hours are required for this course.
Prerequisite: SPED 63070; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 75089 VARIABLE TOPIC INTERNATIONAL EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours
(Slashed with SPED 45089 and SPED 55089) A faculty-led study abroad experience that integrates traditional classroom learning with experiential activities and site visits outside the United States. International experience courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: Doctoral standing.
Schedule Type: International Experience
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP
SPED 75090 VARIABLE TOPIC STUDY AWAY EXPERIENCE IN SPECIAL EDUCATION 1-4 Credit Hours
(Slashed with SPED 45090 and SPED 55090) A faculty-led study out-of-classroom experience that integrates traditional classroom learning with experiential activities and site visits within the United States. Study away courses may have pre- and post-travel classroom study. Course activities may include, but are not limited to, classroom study, research, field work, internships and service learning.
Prerequisite: Doctoral standing.
Schedule Type: Study Away
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP

SPED 80001 SPECIAL EDUCATION RESIDENCY 3 Credit Hours
This course is designed to provide beginning SPED doctoral students skills and knowledge in the following global areas: information literacy and plagiarism, basic APA style writing and building a writing routine. Additionally, the course will prepare students in the following SPED specific areas: effectively synthesizing intervention based empirical research, establishing a line of inquiry in the disability related fields, and developing a CV for disability related positions in Higher Education. Overall, the course will help students to understand life in academia during the doctoral studies in SPED and life after graduation conducting timely SPED research and teaching SPED content (e.g., institutional differences for SPED higher education jobs, tenure, work and life balance, time management, etc).
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPED 80002 ANALYSIS OF THE LITERATURE IN SPECIAL EDUCATION 3 Credit Hours
This course is designed to assist doctoral students in the acquisition, organization, and interpretation of information about research in special education. The seminar introduces students to the nature of inquiry and the process of generating questions about a broad array of disability-related research topics. Students will gain knowledge to analyze critically the outcomes of research in special education.
Prerequisite: SPED 80001; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPED 80003 IMPLEMENTATION SCIENCE IN SPECIAL EDUCATION 3 Credit Hours
This course is designed to provide students an overview of implementation science, and seminal leadership and systems change literature. The course will describe current state of the science of implementation, and identify strategies that foster the effective transmission and implementation of innovative programs in intervention focused disability studies special education fields. Students analyze and apply the literature at the teacher, family, school building, district, state and federal levels. Students will gain skills and knowledge in implementation drivers that have the potential in reducing the research to practice gap, and increasing the integration of evidence based practices. Strategies for developing and mobilizing stakeholders to support the process of change will be covered.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 80005 EMPIRICAL INVESTIGATIONS IN SPECIAL EDUCATION 3 Credit Hours
The course is intended to help students solidify their knowledge, skills, and dispositions related to research design, research methods, and scholarly writing by applying and expanding them in the context of special education research. Students will review and analyze quality indicators for special education research, critique select special education research literature, and develop a preliminary research proposal.
Prerequisite: SPED 80002; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 80040 RESEARCH GRANT DEVELOPMENT FOR DISABILITY PROGRAMS 3 Credit Hours
Students develop and write research proposals for grant competitions focusing on disability issues. Considerations for types of competitions and funding sources are discussed. Focus of instruction is related to how to describe the importance of the research proposed, research methods identified, budget, administration of grant activities and evaluation of implementation.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPED 80090 DOCTORAL RESIDENCY SEMINAR 3 Credit Hours
Provides students with the opportunity to synthesize courses, research and practice by focusing on diverse issues and topics. Ordinarily, SPED 80090 is taken no earlier than the second year of doctoral studies as a culminating course in the doctoral sequence.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPED 80199 DISSERTATION I 15 Credit Hours
(Repeatable for credit)Doctoral dissertation for which registration in at least two semesters is required, first of which will be semester in which dissertation work is begun and continuing until the completion of 30 hours.
Prerequisite: Doctoral standing.
Schedule Type: Dissertation
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 80299 DISSERTATION II 15 Credit Hours
(Repeatable for credit)Continuing registration required of doctoral students who have completed the initial 30 hours of dissertation and continuing until all degree requirements are met.
Prerequisite: SPED 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP
SPED 83201 CONTEMPORARY ISSUES IN SPECIAL EDUCATION 3 Credit Hours
(Slashed with SPED 63201) This course is designed to help doctoral students to develop (a) foundational knowledge for understanding important and controversial issues in special education and related disciplines; (b) skills in critical analysis and synthesis of research; and, (c) skills in effective oral and written communication about historical and contemporary issues in special education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 83301 SINGLE-SUBJECT RESEARCH METHODS 3 Credit Hours
(Repeatable for credit) (Slashed with SPED 63301) This course focuses on the design and implementation of high-quality, experimental single subject research studies for the purpose of evaluating the effectiveness of an intervention with a particular individual. Masters students learn about the quality indicators for single subject research methods and how to use them to design a study that is internally valid. Doctoral students learn how to use those quality indicators to design, complete, and submit for publication their own research; and, how to use them to evaluate single subject research for critical review. Students also learn how to graph outcome data using traditional visual analysis.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 83952 THE LAW AND SPECIAL EDUCATION 3 Credit Hours
Selected principles of constitutional, statutory, case and common law affecting handicapped and special education students, teachers and administrators are studied.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 83991 SEMINAR IN SPECIAL EDUCATION 1-3 Credit Hours
(Repeatable for credit)
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

SPED 83992 INTERNSHIP IN SPECIAL EDUCATION 2-8 Credit Hours
(Repeatable for credit) A college-university doctoral-level supervised teaching experience. The candidates participate fully in the course and material development as well as delivery and grading of an undergraduate or masters level course under the direct supervision of a faculty member assigned to teach the class. Candidates are expected to partially participate in the delivery of a third of the course and fully deliver at least a third of the course under the observation and supervision of a faculty member.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 12-24 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 83998 RESEARCH:SPECIAL EDUCATION 1-10 Credit Hours
(Repeatable for credit)
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

School of Teaching, Learning and Curriculum Studies

Adolescent/Adult Education (ADED)
ADED 20000 TOPICS IN SOCIAL JUSTICE IN TEACHING AND LEARNING 3 Credit Hours
This course examines social justice issues that are central to teaching and learning across all educational contexts. In this course students will consider topics such as race, poverty, social class, LGBTQ youth and colleagues, socially responsive teaching and at risk youth as they intersect with K-12 educational settings.
Prerequisite: Sophomore standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 20020 EXPLORING SECONDARY SCIENCE TEACHING 1 Credit Hour
This course is designed to allow students to learn and practice science teaching skills, develop real-world teaching experience in secondary schools, learn about research-based science teaching methods, and explore formal and informal science teaching careers. The course includes an associated field experience where students get to teach science lessons to local secondary students.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ADED 22275 ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION 3 Credit Hours
A course that introduces you to the field of social studies education. In this course you will explore the history and current issues and trends in the field of social studies education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 32142 PRINCIPLES OF TEACHING ADOLESCENTS (WIC) 3 Credit Hours
Orientation to adolescence and the teaching-learning process. This course includes 30 field-clinical hours in an urban setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: ADED 20000; and admission to advanced study.
Schedule Type: Field Experience, Lecture
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter
Attributes: Writing Intensive Course
ADED 32268 THE SECONDARY SCHOOL MATHEMATICS CURRICULUM 3 Credit Hours
The secondary school mathematics curriculum will be examined. Student's textbooks and recommendations will be investigated. This course includes 30 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.
Prerequisite: ADED 32142 and MATH 22005.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 2 other
Grade Mode: Standard Letter

ADED 32275 CURRICULUM AND PEDAGOGY IN SOCIAL STUDIES 3 Credit Hours
A beginning social studies teaching and learning course. In this course you will explore how to achieve the purposes of social studies education through curriculum, instructional and planning decisions.
Prerequisite: ADED 22275 and ADED 32142; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 32277 TEACHING SCIENCE IN SECONDARY SCHOOLS 3 Credit Hours
Goals, methodology and resources for effective teaching of science to adolescents and young adults.
Prerequisite: ADED 32142.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 33268 MATHEMATICAL MODELING FOR SECONDARY TEACHERS 3 Credit Hours
The Mathematical Modeling for Secondary Teachers is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices, while reinforcing and extending content in number and quantity, algebra, functions, statistics and probability and geometry.
Corequisite: ADED 32268.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 42196 INDIVIDUAL PROJECT IN ADOLESCENT EDUCATION 2-4 Credit Hours
(Repeatable for credit) Independent study in Adolescent Education.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-4 other
Grade Mode: Satisfactory/Unsatisfactory

ADED 42268 TEACHING OF MATHEMATICS IN SECONDARY SCHOOLS 3 Credit Hours
Methodology and materials for effective teaching of secondary school mathematics will be discussed and implemented in field experiences.
Prerequisite: ADED 32268.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 42275 TEACHING SOCIAL STUDIES IN GRADES 7 - 12 3 Credit Hours
An advanced social studies education teaching and learning course. Addresses a range of topics that will help you engage your 7th-12th grade students with social studies.
Prerequisite: Minimum C grade in ADED 32275; and admission to advanced study.
Corequisite: ADED 42292.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 42277 TOPICS IN SECONDARY SCHOOL SCIENCE TEACHING 3 Credit Hours
Analysis of trends in science teaching and materials and methods for introducing topics from the history of science and from health education.
Prerequisite: ADED 32277; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 42292 FIELD WORK PRACTICUM (ELR) 3 Credit Hours
(Repeatable for credit) A field experience in a middle or high school. Observations, interviews, designing and teaching of lessons and debriefing. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. Students must be on track for student teaching the following semester in order to register for this course.
Prerequisite: Minimum C grade in ADED 32268 or ADED 32275 or ADED 32277; or ADED 43325 and ADED 43335; and advanced study.
Corequisite: ADED 42268 or ADED 42275 or ADED 42277 or ADED 43325.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

ADED 42392 SECONDARY STUDENT TEACHING (ELR) 9 Credit Hours
Provides a full time student-teaching experience. Observations, interviews, designing and teaching of lessons and debriefing. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: ADED 42292; and admission to advanced study.
Corequisite: ADED 49525.
Schedule Type: Practical Experience
Contact Hours: 35 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

ADED 43315 TEACHING LITERATURE IN THE SECONDARY SCHOOLS 3 Credit Hours
(Repeatable with ADED 53315) Explores the pedagogy of canonical literature, literary theory and approaches to teaching texts in the secondary classroom.
Prerequisite: ADED 32142 and MCED 40007; and advanced standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ADED 43325  MULTI-MODAL LITERACIES IN THE SECONDARY CLASSROOM  3 Credit Hours
Explores the pedagogies of reading and composing with a variety of print and non-print texts. Focuses on the impact of media culture on adolescent learners. Utilizes new literacies to enhance learning in the content area.
Prerequisite: ADED 32142 and ADED 43315 and ADED 43335 and MCED 40007.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 43335  TEACHING LANGUAGE AND COMPOSITION  3 Credit Hours
Explores linguistic and rhetorical perspectives on the teaching of composition in secondary schools.
Prerequisite: ADED 32142 and MCED 40007; and advanced standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 49525  INQUIRY INTO PROFESSIONAL PRACTICE  3 Credit Hours
Reflection on teaching for the purpose of instructional improvement. Emphases are placed on preparing implementing and assessing a curricular unit collaborative problem solving conducting an action research project and creating a portfolio.
Prerequisite: Admission to advanced study.
Corequisite: ADED 42392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 52267  IMPROVING MATHEMATICS INSTRUCTION FOR ADOLESCENT AND ADULT EDUCATION  3 Credit Hours
Methodology and materials for effective teaching of secondary school mathematics.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 52277  TEACHING SCIENCE IN THE SECONDARY SCHOOL  3 Credit Hours
Analysis of teaching materials, demonstrations and participation in science classes appropriate for graduate students seeking certification to teach science in the secondary school.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 53315  TEACHING LITERATURE IN THE SECONDARY SCHOOLS  3 Credit Hours
(Slash with ADED 43315) Explores the pedagogy of canonical literature, literary theory and approaches to teaching texts in the secondary classroom.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 62092  ADVANCED PRACTICUM  3 Credit Hours
(Repeatable for credit) Internship held at a school under the direction of a cooperating teacher, requiring a minimum of 100 field hours. Activities included in the internship include lesson plan preparation, unit planning, evaluation of student learning and other duties typical of teachers in the performance of their role in the school setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned "school/agency" before the first day of the semester in which the practicum will take place.
Prerequisite: Graduate standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 1 lecture, 6.67 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ADED 62145  PRINCIPLES OF SECONDARY TEACHING  3 Credit Hours
Principles of teaching adolescents including curriculum, planning instruction, assessment, fundamentals of evaluation, and reflective practice. All course content focuses on preparing teachers for secondary school teaching.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 62191  SEMINAR IN SECONDARY EDUCATION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with ADED 72191) Study and experience of various theoretical and methodological and practical approaches to special problems.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

ADED 62198  RESEARCH IN SECONDARY EDUCATION  2-15 Credit Hours
(Repeatable for credit) (Cross-listed with ADED 72191) Students pursue an individualized research project under direction of instructor.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Research
Contact Hours: 2-15 other
Grade Mode: Standard Letter

ADED 63192  SECONDARY EDUCATION STUDENT TEACHING INTERNSHIP  1-10 Credit Hours
(Repeatable for credit) Internship held at a secondary school under the direction of a cooperating teacher. A minimum of 50 hours per credit are required. Activities included in the internship include lesson plan preparation, unit planning, evaluation of student learning and other duties typical of teachers in the performance of their role in the school setting.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33-33.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP
ADED 63292  ADOLESCENT/YOUNG ADULT INTEGRATED LANGUAGE ARTS ADDITIONAL LICENSURE INTERNSHIP  1 Credit Hour
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated language arts.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ADED 63392  ADOLESCENT/YOUNG ADULT INTEGRATED SOCIAL STUDIES ADDITIONAL LICENSURE INTERNSHIP  1 Credit Hour
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated social studies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ADED 63492  ADOLESCENT/YOUNG ADULT INTEGRATED MATHEMATICS ADDITIONAL LICENSURE INTERNSHIP  1 Credit Hour
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated mathematics.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ADED 63592  ADOLESCENT/YOUNG ADULT INTEGRATED SCIENCE ADDITIONAL LICENSURE INTERNSHIP  1 Credit Hour
(Repeatable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within integrated science.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ADED 67147  TEACHING ADOLESCENTS IN THE SECONDARY SCHOOL CULTURE  3 Credit Hours
Providing for motivation, discipline and instruction of adolescents within the culture of the secondary school.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 67232  SECONDARY SCHOOL SOCIAL STUDIES  3 Credit Hours
(Cross-listed with ADED 77232) General focus is on examining current instructional and curricular trends in teaching social studies. Emphasis is placed on strategies of teaching developing student's critical thinking skills role of the computer use of primary sources teaching controversial issues and stimulating active citizenship.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 72191  SEMINAR IN SECONDARY EDUCATION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with ADED 62191) Study and experience of various theoretical and methodological and practical approaches to special problems.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

Career and Technical Teacher Education (CTTE)

CTTE 36014  EVALUATION PRACTICES IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Study and construction of evaluation devices for use in laboratory and related technology courses, test construction, standardized and nonstandardized test procedures. This course includes 10 field/clinical hours.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 40093  VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with CTTE 50093 and CTTE 70093) Topics of special interest to students desiring to intensify their knowledge in a particular area of career technical education.
Prerequisite: Department permission.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 44092  IN-SERVICE TEACHING - PRACTICUM (ELR)  2 Credit Hours
(Slashed with CTTE 54092) This course provides an overview of and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills as they get on-one one support from the teacher educators.
Prerequisite: None.
Schedule Type: Practical Experience
Contact Hours: 36 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

CTTE 44099  IN-SERVICE TEACHING - CAPSTONE (ELR)  1 Credit Hour
(Slashed with CTTE 54099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.
Prerequisite: None.
Schedule Type: Project or Capstone
Contact Hours: 1 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement
CTTE 45372  ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS  
3 Credit Hours  
(Slashed with CTTE 55372) Exploration of issues and trends unique to specific career technical education subjects.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 45377  CAREER AND TECHNICAL EDUCATION: ADVANCED METHODS AND METHODOLOGIES  
3 Credit Hours  
Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field/cclinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46002  IN-SERVICE TEACHING (ELR)  
3 Credit Hours  
(Slashed with CTTE 56002) Overview of teaching process in career technical teacher education. Emphasizes techniques of skill development and assessment, includes organizing for instruction, individual behavior, organizational relationships and application steps.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**Attributes:** Experiential Learning Requirement  

CTTE 46015  METHODS OF CAREER AND TECHNICAL EDUCATION  
3 Credit Hours  
(Slashed with CTTE 56015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46017  STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION  
3 Credit Hours  
Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46018  DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION (WIC)  
3 Credit Hours  
(Slashed with CTTE 56018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education program. This course is restricted to Trade & Industrial majors, students registered in the undergraduate Career-Technical Teacher Education certificate, of those working on a Career-Based Intervention endorsement.  
**Prerequisite:** Trade and Industrial Education majors or Career-Technical Teacher Education (C205) certificate.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  
**Attributes:** Writing Intensive Course  

CTTE 46019  COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS  
3 Credit Hours  
(Slashed with CTTE 56019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/industry and education support agencies for career and technical development.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46020  CURRICULUM GUIDE: DESIGN AND APPLICATION  
3 Credit Hours  
Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field/clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46095  SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION  
1-3 Credit Hours  
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 1-3 lecture  
**Grade Mode:** Standard Letter  

CTTE 46096  INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION  
1-3 Credit Hours  
(Repeatable for credit) (Slashed with CTTE 56096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.  
**Prerequisite:** None.  
**Schedule Type:** Individual Investigation  
**Contact Hours:** 1-3 other  
**Grade Mode:** Satisfactory/Unsatisfactory
CTTE 50093 VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION 1-5 Credit Hours
(Repeatable for credit) (Slashed with CTTE 40093 and CTTE 70093)
Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 54092 IN-SERVICE TEACHING - PRACTICUM 2 Credit Hours
(Slashed with CTTE 44092) This course provides an overview of and practice in the concepts necessary to plan, organize and implement meaningful instruction in the laboratory and related classroom. The course provides an opportunity for students to apply classroom management skills and as they get one-on-one support from the teacher educators.
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 36 other
Grade Mode: Standard Letter

CTTE 54099 IN-SERVICE TEACHING - CAPSTONE 1 Credit Hour
(Slashed with CTTE 44099) The capstone course provides students an opportunity to demonstrate their knowledge and growth as a career technical education teacher; it essentially provides an opportunity for students to show how they integrate and apply knowledge from their career technical education licensure courses into their responsibilities as teachers. The course will assess the extent to which the students meet the Ohio Standards for the Teaching Profession, through an electronic portfolio and instructional videos from the student as evidence.
Prerequisite: Graduate standing.
Schedule Type: Project or Capstone
Contact Hours: 1 other
Grade Mode: Standard Letter

CTTE 55372 ISSUES IN CAREER TECHNICAL EDUCATION SUBJECTS 3 Credit Hours
(Slashed with CTTE 45372) Exploration of issues and trends unique to specific career-technical education subjects.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 55377 CAREER AND TECHNICAL EDUCATION:ADVANCED METHODOLOGIES 3 Credit Hours
(Slashed with CTTE 45377) Selection, organization and presentation of subject matter pertaining to specific subjects in career and technical education. Emphasis on methods and techniques through theory and practice. Course includes 30 field clinical hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56015 METHODS OF CAREER AND TECHNICAL EDUCATION 3 Credit Hours
(Slashed with CTTE 46015) Organization and management of classroom and laboratory; includes purchasing equipment and supplies, safety instruction planning, establishing policies, maintaining records, and individual and group instructional strategies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56017 STUDENT-CENTERED LEADERSHIP IN CAREER TECHNICAL EDUCATION 3 Credit Hours
Study of the role of leadership and youth organizations in Career Technical Education with emphasis on the organization and purpose of student leadership and the role of the advisor related to leadership in career technical education.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56018 DISADVANTAGED YOUTH IN CAREER TECHNICAL EDUCATION 3 Credit Hours
(Slashed with CTTE 46018) Developing an understanding of disadvantaged youth stressing their characteristics as they pertain to career technical education programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56019 COORDINATION OF CAREER TECHNICAL COOPERATIVE EDUCATION PROGRAMS 3 Credit Hours
(Slashed with CTTE 46019) Reviews duties, problems, techniques of home, school and work coordination. Internship site selection, job development, servicing the job station, coordinating classroom and work experience. A study of important linkage to local business/industry and education support agencies for career and technical development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56020 CURRICULUM GUIDE: DESIGN AND APPLICATION 3 Credit Hours
(Slashed with CTTE 46020) Methods and techniques involved in developing and utilizing a curriculum guide in career and technical education subjects. This course includes 15 field clinical hours.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 56095 SPECIAL TOPICS IN CAREER TECHNICAL EDUCATION 1-3 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter
CTTE 56096  INDIVIDUAL INVESTIGATION IN CAREER TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit) (Slashed with CTTE 46096) An individual investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 60199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CTTE 60299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: CTTE 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CTTE 66001  PRINCIPLES AND PRACTICES IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Study of principles, current practices and trends relating to modern programs of career technical education and relationships to the total plan of public education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66003  ANALYSIS OF HUMAN RESOURCE DEVELOPMENT  3 Credit Hours
Provides analysis of human resource development from global, national state and local perspectives including social economic political and demographic influences. Includes the application of the contemporary workforce to engage in life long learning to keep career and technical skills updated.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66004  PROGRAM EVALUATION IN CAREER TECHNICAL EDUCATION  3 Credit Hours
Designed to provide the skills and knowledge necessary to evaluate the effectiveness and efficiency of career-technical education curriculum programs personnel.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66005  SPECIAL POPULATIONS IN CAREER TECHNICAL EDUCATION  3 Credit Hours
A study of the special populations student in career technical education programs emphasizing characteristics, curriculum modification, instruction and job placement.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CTTE 66008  THESIS II  1-3 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CTTE 66096  INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 70093  VARIABLE TOPIC WORKSHOP IN CAREER TECHNICAL EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with CTTE 40093 and CTTE 50093) Topics of special interest to students desiring to intensify their knowledge in a particular area or areas of career technical education.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

CTTE 76095  SPECIAL TOPICS IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in career-technical education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

CTTE 76096  INDIVIDUAL INVESTIGATION IN CAREER-TECHNICAL EDUCATION  1-3 Credit Hours
(Repeatable for credit) (Slashed with CTTE 66096) An investigation into problems and topics in career technical education. The investigation is pursued on an individual basis with an assigned faculty member.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory
CTTE 86098 ADVANCED RESEARCH IN CAREER-TECHNICAL EDUCATION 1-15 Credit Hours
(Repeatable for credit) Student pursues an individual research project on a specialized career technical education topic with approval and under the direction of an instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

Curriculum and Instruction (CI)

CI 40093 VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Repeatable with CI 50093 and CI 70093) (Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.
Prerequisite: Special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 47095 SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Repeatable for credit) Topic varies for each offering.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 1-5 lecture
Grade Mode: Standard Letter-IP

CI 47096 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Repeatable for credit) Student-initiated experience to pursue an area of interest not covered by a regular course offering, with the guidance of a Kent State faculty member.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 47192 STUDENT TEACHING IN CURRICULUM AND INSTRUCTION (ELR) 1-5 Credit Hours
(Repeatable for credit) Student teaching topics vary for each offering.
Prerequisite: Special approval.
Schedule Type: Practical Experience
Contact Hours: 3-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

CI 47330 READING AND WRITING IN ADOLESCENCE/ADULTHOOD 3 Credit Hours
(Repeatable with CI 57330) Understanding of literacy learning in adolescence and adulthood (ages 12-21) with an emphasis on strategies for text learning, literacy in electronic environments and teaching students who struggle as readers and writers.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47501 TEACHING MATHEMATICS IN EARLY AND MIDDLE GRADES 3 Credit Hours
(Repeatable with CI 57501) Addresses pedagogical content knowledge for the teaching and learning of mathematics in grades K-9, based on the national content and process standards.
Prerequisite: MATH 14001 or MATH 14002 with a minimum C grade; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47502 SCIENCE TEACHING IN EARLY AND MIDDLE GRADES 3 Credit Hours
(Repeatable with CI 57502) Addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. Students examine how to best align science practice to state and national standards.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47503 TEACHING SOCIAL STUDIES IN EARLY AND MIDDLE GRADES 3 Credit Hours
(Repeatable with CI 57503) Addresses pedagogical content knowledge for the teaching and learning of social studies in grades K-9, based on the national content and process standards.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47504 TEACHING READING AND WRITING IN MIDDLE GRADES 3 Credit Hours
(Repeatable with CI 57504) Addresses pedagogical content knowledge for the teaching and learning of reading and writing in grades 4-9, based on the national content and process standards.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47505 INTEGRATED SOCIAL STUDIES AND SCIENCE 3 Credit Hours
(Repeatable with CI 57505) Addresses principles of teaching and learning as applied to teaching social studies and science in elementary and middle grades. Students examine how to best align social studies and science practice with state and national standards.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 50093 VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Repeatable with CI 40093 and CI 70093) (Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP
CI 50095  SPECIAL TOPICS: SEMINAR/WORKSHOP IN CURRICULUM AND INSTRUCTION  1 Credit Hour
(Repeatable for credit) Topics varies for each offering. Seminar workshop for International Baccalaureate program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 55015  PSYCHOLOGY OF COACHING  3 Credit Hours
(Slashed with PESP 45015) Factors affecting athletic performance emphasizing skill, motivation, personality and practice conditions.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 55020  CONTEMPORARY ATHLETIC COACHING  3 Credit Hours
(Slashed with PESP 45020) A focus on the philosophy, skills, strategies and tactics of coaching within contemporary society.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57330  READING AND WRITING IN ADOLESCENCE/ADULTHOOD  3 Credit Hours
(Slashed with CI 47330) Understanding of literacy learning in adolescence and adulthood (ages 12-21) with an emphasis on strategies for text learning, literacy in electronic environments, and teaching students who struggle as readers and writers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57301  TEACHING MATHEMATICS IN EARLY AND MIDDLE GRADES  3 Credit Hours
(Slashed with CI 47501) Addresses pedagogical content knowledge for the teaching and learning of mathematics in grades K-9, based on the national content and process standards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57302  SCIENCE TEACHING IN EARLY AND MIDDLE GRADES  3 Credit Hours
(Slashed with CI 47502) Addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. Students examine how to best align science practice to state and national standards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57303  TEACHING SOCIAL STUDIES IN EARLY AND MIDDLE GRADES  3 Credit Hours
(Slashed with CI 47503) Addresses pedagogical content knowledge for the teaching and learning of social studies in grades K-9, based on the national content and process standards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57304  TEACHING READING AND WRITING IN MIDDLE GRADES  3 Credit Hours
(Slashed with CI 47504) Addresses pedagogical content knowledge for the teaching and learning of reading and writing in grades 4-9, based on the national content and process standards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57504  TEACHING READING AND WRITING IN MIDDLE GRADES  3 Credit Hours
(Slashed with CI 47504) Addresses pedagogical content knowledge for the teaching and learning of reading and writing in grades 4-9, based on the national content and process standards.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 60169  UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES  3 Credit Hours
(Slashed with CI 80169) This course is designed to help the general practitioner understand and know foundational concepts about multi-lingual students, immigrants, English Language Learners and their families.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 60171  TEACHING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS  3 Credit Hours
(Slashed with CI 80171) General educators will explore the application of teaching methods and a variety of curriculum approaches for immigrant and bi-literate children, and apply more fully their work with families and communities.
Prerequisite: CI 60169; and Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 60199 THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 60299 THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: CI 60199; and Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP
CI 61124  EDUCATING THE GOOD CITIZEN  3 Credit Hours
(Slashed with CI 71124) Course explores the competing conceptions of citizenship education through an examination and critique of the diverse perspectives on the purposes and possibilities of citizenship education—including the contributions and influence of multicultural, international and theoretical perspectives on the meaning of educating citizens in a democracy—situating work, thinking and practice in the literature. As part of the process of reading, discussing and deliberating together, students articulate a rationale for citizenship education and develop ways to incorporate their vision for citizenship education into their work as teacher educators, practicing social studies teachers and/or community members.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 61125  ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION  3 Credit Hours
(Slashed with CI 71125) Provides an overview of historical trends and contemporary issues in social studies education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61126  RESEARCH IN SOCIAL STUDIES TEACHING AND LEARNING  3 Credit Hours
(Slashed with CI 71126) Students examine, discuss and study research in the teaching and learning of social studies, as well as develop their own study of social studies teaching and learning.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61127  TECHNOLOGY AND SOCIAL STUDIES  3 Credit Hours
(Slashed with CI 71127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. Students examine implications and effects of technology on student learning, teaching and society as a whole.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61130  MULTICULTURAL EDUCATION: STRATEGIES  3 Credit Hours
(Slashed with CI 71130) Course provides the strategies for teaching children to function effectively in a pluralistic society.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61133  ISSUES AND TRENDS IN ELEMENTARY SCIENCE  3 Credit Hours
(Slashed with CI 71133) New discoveries in science, including issues in society with direct science content. Emphasis is on practical and simple classroom applications.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61134  RESEARCH TRENDS IN SCIENCE EDUCATION  3 Credit Hours
(Slashed with CI 71134) Course in issues relating to research methods pertinent to science education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61140  CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION  3 Credit Hours
(Slashed with CI 71140) Provides a general introduction to the impacts of multiculturalism and the social studies of science on science education. Implications for science educational curriculum theory, classroom practice and research are explored. Teaching topics examined include race and gender in science education, culture of science and science in a global context.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 61141  NATURE OF SCIENCE IN SCIENCE EDUCATION  3 Credit Hours
(Slashed with CI 71141) Course in issues relating to the nature of science as it impacts science education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 62000  PRINCIPLES OF TEACHING WITH DIFFERENTIATION  3 Credit Hours
Principles of teaching adolescents, including designing curriculum, planning instruction, differentiation, assessment, fundamentals of evaluation and reflective practice. Learning experiences focus on preparing teachers for secondary school teaching in diverse settings. Teaching as a profession is explored, including examination of the Ohio licensure code of professional conduct and the Ohio Standards for the Teaching profession. Additionally, the course emphasizes culturally relevant, responsive and sustaining pedagogies. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62001  ASSESSMENT PROCEDURES AND PRAXIS  3 Credit Hours
Students gain an understanding of the complexities of designing, collecting, analyzing and evaluating student performance data. Both formative and summative assessment practices are examined. Additionally, students determine best practices in inference-making based on data and consider pedagogical and evaluative choices that rely on the quality of data that they collect, both from their own design and assessment data from vendors. Students consider how qualitative data about individual learners can be collected and analyzed to strengthen the validity and reliability of the decisions made about learning outcomes. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: CI 62000; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP
CI 62002  CULTURALLY RESPONSIVE CLASSROOM MANAGEMENT PRACTICES  3 Credit Hours
Course explores principles of positive behavior supports and interventions; procedures to promote and practice positive learning interactions; and development of routines that practice social-emotional skill development, including resolution of conflict using restorative practice methods. Additionally, students examine the physical- and psychological-learning environment as a factor in culturally responsive teaching. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62003  LITERACIES IN THE CONTENT AREAS  3 Credit Hours
Student acquire professional knowledge of the nature of literacy as it relates to specific content areas. Students understand the critical role that "literacy - including the interpretation and production of texts and representations - plays as vital to participation and learning in different academic disciplines" (International Literacy Association, 2017). Students develop, implement and reflect on a variety of curricular engagements, instructional strategies and assessment procedures for meeting the literacy needs of diverse students. Additionally, students learn how to plan inquiry-based teaching and learning that employs and extends students' literacy development. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62101  CURRICULUM STUDIES OF SECONDARY ENGLISH LANGUAGE ARTS  3 Credit Hours
Course explores pedagogies of reading and composing with a variety of print and non-print texts. Considers the impact of media upon adolescent culture. Also explores teaching canonical literature and literary theories. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62102  CURRICULUM STUDIES OF SECONDARY MATHEMATICS  3 Credit Hours
Course examines the secondary school mathematics curriculum, textbooks and national standards. Analyzes, implements and evaluates methodology and materials of effective teaching of secondary mathematics. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62103  CURRICULUM STUDIES OF SECONDARY SCIENCE  3 Credit Hours
This course is designed to deepen secondary science teaching through the development of content knowledge, pedagogical knowledge and methodologies appropriate for science learning in secondary school. Students engage in pedagogical analyses and curriculum development related to nature of science; science literacy; conceptual change and student misconceptions; issues-based instruction; problem-based learning; and teaching diverse-learners science concepts. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62104  CURRICULUM STUDIES OF SECONDARY SOCIAL STUDIES  3 Credit Hours
This course is designed to prepare prospective teachers to be purposeful, deliberative decision-makers and reflective practitioners who prepare citizens who contribute to the deepening of democracy and promote the common good. Areas of planning, curriculum, instruction and assessment are examined from a social studies perspective. The goal is to support purposeful social studies teaching and learning that engages students in the learning experiences designed to honor their real-world experiences and prepare them to be agents of change in their school and community. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 62121  FOUNDATIONS OF LITERACY AND PHONICS FOR SECONDARY TEACHERS  3 Credit Hours
Course provides professional training in the teaching of the foundations of literacy: word/recognition/decoding, vocabulary, reading fluency and comprehension. Consideration of how struggling adolescent readers development may be assessed followed by how to provide interventions to strengthen literacy skills and strategies. This course is intended for students in the Alternative Licensure Professional Development Institute non-degree program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

CI 63193  VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT  1-3 Credit Hours
(Repeatable for credit) Workshop in exercise, leisure and sport. Topics vary. Maximum 4 credit hours applied to the degree.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CI 65025  CONTEMPORARY ISSUES IN SPORT PEDIAGOGY - AN INTERNATIONAL PERSPECTIVE  3 Credit Hours
(Slashed with CI 85025) An international perspective on the investigation and study of current problems, issues and trends in sport pedagogy.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 65037 ADAPTED PHYSICAL EDUCATION 3 Credit Hours  
(Slashed with CI 85037) Course prepares physical education teachers to provide safe, appropriate and individualized accommodations to students with disabilities. All information presented is structured around research-based and cross-culturally appropriate practices in adapted physical education that have been implemented in physical education programs globally.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 65044 PEDAGOGICAL ANALYSIS OF PHYSICAL EDUCATION AND SPORT 3 Credit Hours  
(Slashed with CI 85044) An analysis of contemporary pedagogical models, practices and theories relevant to the multidimensional environments of physical education and sport.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 65055 CURRICULUM DEVELOPMENT IN SPORT PEDAGOGY 3 Credit Hours  
(Slashed with CI 85055) The analysis, development and design of curricular theory and practice in physical education and sport. An examination of current and future issues in curriculum implementation.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 65592 PRACTICUM IN ADAPTED PHYSICAL EDUCATION 3 Credit Hours  
(Repeatable for credit) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 9 other  
Grade Mode: Standard Letter  

CI 65692 INTERNSHIP IN ATHLETIC COACHING 2-4 Credit Hours  
(Repeatable for a maximum of 4 credits) Supervised experience in organized sport focused upon the duties of a coach; can involve one or more level (youth, school, college, professional) and sport. A focus on the philosophy, skills, strategies and tactics of coaching within contemporary society. 45 contact hours per credit. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching-internship will take place.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 6-12 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

CI 67001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours  
(Slashed with CI 77001) Orientation to the curriculum field. Theoretical examination of foundations, elements, design and development of school, college and non-school curricula.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67002 CURRICULUM LEADERSHIP 3 Credit Hours  
(Slashed with CI 77002) Course explores the theories and practices of curriculum leadership with reference to the current politics of education and the democratic ideals of information-age, pluralistic societies. Mandated accountability reform is critically compared to invited professional renewal.  
Prerequisite: CI 67001; and Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67003 TEACHER EDUCATION 3 Credit Hours  
(Slashed with CI 77003) Course provides a broad overview of teacher education, including curriculum, organization, governance and policy.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67004 PROFESSIONAL DEVELOPMENT IN TEACHING 3 Credit Hours  
(Slashed with CI 77004) Course provides a broad overview and conceptual framework for professional development; its historical, cultural, psychological and social contexts.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67005 INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING 3 Credit Hours  
(Slashed with CI 77005) Course addresses teaching and learning in the intercultural K-16 context. Increasing intercultural interaction in schools and communities across the nation and around the world are prompting educational changes in terms of what is being taught and how it is being taught. Educators at all levels are increasingly being called upon to enhance their own intercultural competence and to consider how best to translate this to students in their charge.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67007 CRITICAL REFLECTION IN CURRICULUM AND INSTRUCTION 2 Credit Hours  
Capstone course for a master’s degree in curriculum and instruction. Students critique their content area studies with reference to the standard of curriculum-based pedagogy. Three concepts inform this critique: continuing professional development, multicultural education, curriculum leadership for reform and renewal.  
Prerequisite: CI 67001; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 2 lecture  
Grade Mode: Standard Letter
CI 67010  CURRICULUM EVALUATION  3 Credit Hours  
(Repeatable with CI 77010) Students learn to plan for and use a variety of techniques to gather information in systematic ways, across different phases of curriculum planning, development, implementation and evaluation to enhance decision-making processes. Students develop evaluation questions around a curriculum or program of their choice and then design a detailed evaluation plan.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67091  SEMINAR IN CURRICULUM AND INSTRUCTION  1-4 Credit Hours  
(Repeatable for credit) A wide range of topics for advanced graduate inquiry. Normally, course provides a balance of theoretical study and creative application.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Seminar  
Contact Hours: 1-4 other  
Grade Mode: Standard Letter-IP  

CI 67092  ADVANCED PRACTICUM AND INTERNSHIP IN CURRICULUM AND INSTRUCTION  1-3 Credit Hours  
(Repeatable for credit) Supervised practicum in curriculum design, development, implementation and/or leadership. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Practical Experience  
Contact Hours: 3-9 other  
Grade Mode: Satisfactory/Unsatisfactory  

CI 67095  SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours  
(Repeatable with CI 77095) Specialized offerings in response to emerging or selected program needs in curriculum design, development and implementation.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Lecture  
Contact Hours: 1-5 lecture  
Grade Mode: Standard Letter  

CI 67096  INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours  
(Repeatable for credit) Directed independent reading and/or research of special interest or need in student’s program. Planned with and directed by a graduate faculty member.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-5 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

CI 67098  RESEARCH IN CURRICULUM AND INSTRUCTION  1-15 Credit Hours  
(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.  
Prerequisite: Graduate standing; and special approval.  
Schedule Type: Research  
Contact Hours: 1-15 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

CI 67105  IMPROVING CLASSROOM INSTRUCTION  3 Credit Hours  
(Repeatable with CI 77105) Emphasizes motivation, varied materials and methods, individual needs and sources of teacher help. Class members define goals and means.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67107  CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES  3 Credit Hours  
(Repeatable with CI 77107) Course enhances students’ knowledge, skills and dispositions about curriculum history and organization of middle schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. In addition, students are able to extend their knowledge, skills, techniques and professional dispositions as related to middle school students’ experiences, as well as to differentiate curriculum and assessment for diverse learners.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67108  TEACHING AND LEARNING IN THE MIDDLE GRADES  3 Credit Hours  
(Repeatable with CI 77108) Course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planning, teaching strategies, assessment, classroom management and effective classroom instructions. In a concurrent clinical field experience, teacher candidates apply teaching methods in intermediate-middle school classrooms.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67224  TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS  3 Credit Hours  
(Repeatable with CI 77224) Students develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Students develop proficiency in the use of computing devices and software that would be used in the teaching and learning of mathematics.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

CI 67225  RESEARCH IN MATHEMATICS EDUCATION  3 Credit Hours  
(Repeatable with CI 77225) Current research theory, methodology and results in mathematics education are investigated. Implications for instructional practice and curriculum design are examined.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
CI 67226  IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE
CHILDHOOD  3 Credit Hours
(Slashed with CI 77226) Instructional psychology and materials, including
technology, for the effective teaching of mathematics in grades 3-8, with
a theoretical emphasis on cognitive development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67240  INTRODUCTION TO ENVIRONMENTAL EDUCATION  3 Credit
Hours
(Slashed with CI 77240) Survey course emphasizes current debates
in environmental education, exploring the interconnectedness of ecology,
understanding the impact of culture and education on notions of
environmental concerns, and how these ideas can be investigated
within classroom contexts. The course is designed for teachers, science
educators and other concerned citizens of the earth.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67292  PRACTICUM IN MATHEMATICAL ASSESSMENT  2 Credit
Hours
(Repeatable for credit) Practicum experience in designing and
administering both formal and informal assessments.
Prerequisite: Two courses from the following: ADED 52267, CI 67224,
CI 67226 and/or ECED 50147; and graduate standing.
Schedule Type: Practical Experience
Contact Hours: 6 other
Grade Mode: Standard Letter

CI 67310  THEORY AND PRACTICE IN THE TEACHING OF READING  3 Credit
Hours
(Slashed with CI 77310) Nature and development of reading, approaches
to instruction, relation to learning and development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67312  TEACHING WRITING AS A PROCESS  3 Credit Hours
(Slashed with CI 77312) Course emphasizes a process approach to
writing instruction in grades K-12. Examines the steps and studies of
composing, evaluation and components of a school-wide program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67314  SURVEY OF YOUNG ADULT LITERATURE  3 Credit Hours
(Slashed with CI 77314) Presents a survey of selected types of literature
appropriate for students in middle school, junior high and high school.
Emphasis on evaluating, selecting and teaching.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67319  DIAGNOSIS AND REMEDIATION IN READING  3 Credit
Hours
(Slashed with CI 77319) Theory and application of diagnostic principles
and remedial reading approaches with school-age children. Cultural,
linguistic, cognitive and effective factors in diagnosing and remediating
reading problems.
Prerequisite: CI 67310; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67320  TEACHER AS LITERACY RESEARCHER  3 Credit Hours
Capstone experience in master's program in literacy in which students
pursue an individualized literacy research program.
Prerequisite: CI 67351 or RMS 65510 or RMS 65511; and graduate
standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67330  READING IN CONTENT AREAS  3 Credit Hours
(Slashed with CI 77330) Information and competencies for improving
students' reading and studying in the content areas. Focus on
intermediate grades through post-secondary years.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67339  WRITING ASSESSMENT AND RESPONSE  3 Credit Hours
(Slashed with CI 77339) Exploration of issues in writing assessment,
thetical base for effective formative response to student writing and
design, and implementation of writing assessment measures.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67351  PERSPECTIVES ON LITERACY RESEARCH  3 Credit Hours
(Slashed with CI 77351) Inquiry into basic concepts and agendas for
research through a study of historical, landmark and ground-breaking
studies in literacy.
Prerequisite: Reading Specialization major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67352  LITERACY COACHING  3 Credit Hours
(Slashed with CI 77352) Focus on principles and strategies related to
literacy coaching, within classrooms, schools and districts.
Prerequisite: CI 67310 and CI 67319 and CI 67330 and CI 67692 and
MCED 50005; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 67353  MULTICULTURAL VOICES IN TEACHING CHILDREN'S AND YOUNG ADULT LITERATURE  3 Credit Hours
(Slashed with CI 77353) Exploring diverse voices in children's and young adult literature in K-12 literacy classrooms to support culturally responsive teaching and learning and broaden student understandings of diversity.
Prerequisite: Reading Specialization major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67392  ADVANCED PRACTICUM AND INTERNSHIP IN READING 1-10 Credit Hours
(Repeatable for credit) Supervised practicum requiring application of theory and practices in reading in field settings. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/internship will take place.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-30 other
Grade Mode: Standard Letter

CI 67395  SPECIAL TOPICS IN READING 1-5 Credit Hours
(Slashed with CI 77395) Specialized offerings in response to emerging or selected program needs in reading.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-5 lecture
Grade Mode: Standard Letter

CI 67396  INDIVIDUAL INVESTIGATION IN READING AND LANGUAGE ARTS 1-5 Credit Hours
(Repeatable for credit) Directed independent reading and/or research of special interest or need in student’s program. Planned with and directed by a graduate faculty member.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 67517  NEW LITERACIES IN PRACTICE  3 Credit Hours
(Slashed with CI 87517) Developing technologies are changing the very definition of literacy. Designed to provide an overview of current (and past) theory and practices related to the growing line of inquiry known as new literacies. Participants of the class follow their own paths of inquiry related to the question: How is the definition of literacy changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as new literacies, multi-literacies and arts-based knowing to name a few) as well as encounter the basics of creating a blog or wiki and editing video. Appropriate for any educator who is interested in examining how new literacies are transforming the classrooms.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67592  PRACTICUM IN MATHEMATICS EDUCATION INTERVENTION  3 Credit Hours
(Repeatable for credit) Experience in providing leadership in designing intervention programs for schools, and designing curriculum and instruction for individual learners that experience difficulties in learning mathematics.
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 67692  CLINICAL PRACTICUM IN CORRECTIVE READING 3 Credit Hours
Application of previous courses includes supervised diagnostic/ prescriptive reading work with school-age pupils and diagnostic/remedial reporting.
Prerequisite: CI 67319; and graduate standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 67791  SEMINAR IN MATHEMATICS EDUCATION  3 Credit Hours
(Repeatable for credit) An in-depth exploration of the theoretical frameworks and methodologies used in current research in mathematics education.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 70093  VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Slashed with CI 40093 and CI 50093) (Repeatable for credit) Variable topic workshop designed to respond to curriculum trends and issues and specialized needs.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Workshop
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory

CI 71124  EDUCATING THE GOOD CITIZEN  3 Credit Hours
(Slashed with CI 61124) Course explores the competing conceptions of citizenship education through an examination and critique of the diverse perspectives on the purposes and possibilities of citizenship education—including the contributions and influence of multicultural, international and theoretical perspectives on the meaning of educating citizens in a democracy—situating work, thinking and practice in the literature. As part of the process of reading, discussing and deliberating together, students articulate a rationale for citizenship education and develop ways to incorporate their vision for citizenship education into their work as teacher educators, practicing social studies teachers and/or community members.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 71125  ISSUES AND TRENDS IN SOCIAL STUDIES EDUCATION  3 Credit Hours
(Slashed with CI 61125) Provides an overview of historical trends and contemporary issues in social studies education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 71126  RESEARCH IN SOCIAL STUDIES TEACHING AND LEARNING  
3 Credit Hours
(Slashed with CI 61126) Students examine, discuss and study research in the teaching and learning of social studies, as well as develop their own study of social studies teaching and learning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71127  TECHNOLOGY AND SOCIAL STUDIES  
3 Credit Hours
(Slashed with CI 61127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. Students examine implications and effects of technology on student learning, teaching and society as a whole.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71130  MULTICULTURAL EDUCATION: STRATEGIES  
3 Credit Hours
(Slashed with CI 61130) Course provides the strategies for teaching children to function effectively in a pluralistic society.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71133  ISSUES AND TRENDS IN ELEMENTARY SCIENCE  
3 Credit Hours
(Slashed with CI 61133) New discoveries in science, including issues in society with direct science content. Emphasis is on practical and simple classroom applications.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71134  RESEARCH TRENDS IN SCIENCE EDUCATION  
3 Credit Hours
(Slashed with CI 61134) Course in issues relating to research methods pertinent to science education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71140  CULTURE AND MULTICULTURALISM IN SCIENCE EDUCATION  
3 Credit Hours
(Slashed with CI 61140) Provides a general introduction to the impacts of multiculturalism and the social studies of science on science education. Implications for science educational curriculum theory, classroom practice and research are explored. Teaching topics examined include race and gender in science education, culture of science and science in a global context.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 71141  NATURE OF SCIENCE IN SCIENCE EDUCATION  
3 Credit Hours
(Slashed with CI 61141) Course in issues relating to the nature of science as it impacts science education.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 75592  PRACTICUM IN ADAPTED PHYSICAL EDUCATION  
3 Credit Hours
(Repeatable for credit) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter-IP

CI 77001  FUNDAMENTALS OF CURRICULUM  
3 Credit Hours
(Slashed with CI 67001) Orientation to the curriculum field. Theoretical examination of foundations, elements, design and development of school, college and non-school curricula.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77002  CURRICULUM LEADERSHIP  
3 Credit Hours
Course explores the theories and practices of curriculum leadership with reference to the current politics of education and the democratic ideals of information-age, pluralistic societies. Mandated accountability reform is critically compared to invited professional renewal. It is recommended that students complete CI 77001 or a compatible professional experience with fundamentals of curriculum work is before taking this course.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77003  TEACHER EDUCATION  
3 Credit Hours
(Slashed with CI 67003) Course provides a broad overview of teacher education, including curriculum, organization, governance and policy.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77004  PROFESSIONAL DEVELOPMENT IN TEACHING  
3 Credit Hours
(Slashed with CI 67004) Course provides a broad overview and conceptual framework for professional development; its historical, cultural, psychological and social contexts.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 77005  INTERCULTURAL DIMENSIONS OF TEACHING AND LEARNING  3 Credit Hours  
(Slashed with CI 67005) Course addresses teaching and learning in the intercultural K-16 context. Increasing intercultural interaction in schools and communities across the nation and around the world are prompting educational changes in terms of what is being taught and how it is being taught. Educators at all levels are increasingly being called upon to enhance their own intercultural competence and to consider how best to translate this to students in their charge. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77010  CURRICULUM EVALUATION  3 Credit Hours  
(Slashed with CI 67010) Students learn to plan for and use a variety of techniques to gather information in systematic ways, across different phases of curriculum planning, development, implementation and evaluation to enhance decision-making processes. Students develop evaluation questions around a curriculum or program of their choice and then design a detailed evaluation plan. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77092  ADVANCED PRACTICUM IN CURRICULUM AND INSTRUCTION  1-3 Credit Hours  
(Repeatable for credit) Supervised practicum in curriculum design, development, implementation and-or leadership. Planned with and directed by a graduate faculty member. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place. 
Prerequisite: Doctoral standing; and special approval. 
Schedule Type: Practical Experience 
Contact Hours: 3-9 other 
Grade Mode: Satisfactory/Unsatisfactory

CI 77095  SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours  
(Repeatable with CI 67095) Specialized offerings in response to emerging or selected program needs in curriculum design, development and implementation. 
Prerequisite: Doctoral standing; and special approval. 
Schedule Type: Lecture 
Contact Hours: 1-5 lecture 
Grade Mode: Standard Letter

CI 77096  INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours  
(Repeatable for credit) Directed independent reading and/or research of special interest or need in student’s program. Planned with and directed by a graduate faculty member. 
Prerequisite: Doctoral standing; and special approval. 
Schedule Type: Individual Investigation 
Contact Hours: 1-5 other 
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 77105  IMPROVING CLASSROOM INSTRUCTION  3 Credit Hours  
(Slashed with CI 67105) Emphasizes motivation, varied materials and methods individual needs and sources of teacher help. Class members define goals and means. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77107  CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES  3 Credit Hours  
(Slashed with CI 67107) Course enhances students’ knowledge, skills and dispositions about curriculum history and organization of middle schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. In addition, students are able to extend their knowledge, skills, techniques and professional dispositions as related to middle school students’ experiences, as well as to differentiate curriculum and assessment for diverse learners. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77108  TEACHING AND LEARNING IN THE MIDDLE GRADES  3 Credit Hours  
(Slashed with CI 67108) Course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planing, teaching strategies, assessment, classroom management and effective classroom instructions. In a concurrent clinical field experience, teacher candidates apply teaching methods in intermediate-middle school classrooms. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77224  TEACHING MATHEMATICS USING COMPUTERS AND CALCULATORS  3 Credit Hours  
(Slashed with CI 67224) Students develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Students develop proficiency in the use of computing devices and software that would be used in the teaching and learning of mathematics. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter

CI 77225  RESEARCH IN MATHEMATICS EDUCATION  3 Credit Hours  
(Slashed with CI 67225) Current research theory, methodology and results in mathematics education are investigated. Implications for instructional practice and curriculum design are examined. 
Prerequisite: Doctoral standing. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter
CI 77219  DIAGNOSIS AND REMEDIATION IN READING  3 Credit Hours
(Slashed with CI 67319) Theory and application of diagnostic principles and remedial reading approaches with school-age children. Cultural linguistic cognitive and affective factors in diagnosing and remediating reading problems.
Prerequisite: CI 77310; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77310  THEORY AND PRACTICE IN THE TEACHING OF READING  3 Credit Hours
(Slashed with CI 67310) Nature and development of reading, approaches to instruction, relation to learning and development.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77312  TEACHING WRITING AS A PROCESS  3 Credit Hours
(Slashed with CI 67312) Course emphasizes a process approach to writing instruction in grades K-12. Examines the steps and studies of composing, evaluation and components of a school-wide program.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77314  SURVEY OF YOUNG ADULT LITERATURE  3 Credit Hours
(Slashed with CI 67314) Presents a survey of selected types of literature appropriate for students in middle school, junior high and high school. Emphasis on evaluating, selecting and teaching.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77226  IMPROVING MATHEMATICS INSTRUCTION IN MIDDLE CHILDHOOD  3 Credit Hours
(Slashed with CI 67226) Instructional psychology and materials, including technology, for the effective teaching of mathematics in grades 3-8, with a theoretical emphasis on cognitive development.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77240  INTRODUCTION TO ENVIRONMENTAL EDUCATION  3 Credit Hours
(Slashed with CI 67240) Survey course emphasizing current debates in environmental issues, exploring the interconnectedness of ecology, understanding the impact of culture and education on notions of environmental concerns, and how these ideas can be investigated within classroom contexts. The course is designed for teachers, science educators and other concerned citizens of the earth.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77292  PRACTICUM IN MATHEMATICAL ASSESSMENT  2 Credit Hours
(Repeatable for credit) Practicum experience in designing and administering both formal and informal assessments.
Prerequisite: Two courses from the following: ADED 52267, CI 77224, CI 77226 and/or ECED 50147; and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 6 other
Grade Mode: Standard Letter

CI 77300  READING IN CONTENT AREAS  3 Credit Hours
(Slashed with CI 67330) Information and competencies for improving students' reading and studying in the content areas. Focus on intermediate grades through post-secondary years.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77309  WRITING ASSESSMENT AND RESPONSE  3 Credit Hours
(Slashed with CI 67339) Exploration of issues in writing assessment, theoretical base for effective formative response to student writing, and design and implementation of writing assessment measures.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77351  PERSPECTIVES ON LITERACY RESEARCH  3 Credit Hours
(Slashed with CI 67351) Inquiry into basic concepts and agendas for research through a study of historical, landmark and ground-breaking studies in literacy.
Prerequisite: Curriculum and Instruction major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77352  LITERACY COACHING  3 Credit Hours
(Slashed with CI 67352) Focus on principles and strategies related to literacy coaching, within classrooms, schools and districts.
Prerequisite: CI 77310 and CI 77319 and CI 77330 and CI 77692 and MCED 50005; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77353  MULTICULTURAL VOICES IN TEACHING CHILDREN'S AND YOUNG ADULT LITERATURE  3 Credit Hours
(Slashed with CI 67353) Exploring diverse voices in children's and young adult literature in K-12 literacy classrooms to support culturally responsive teaching and learning and broaden student understandings of diversity.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 77392  ADVANCED PRACTICUM AND INTERNSHIP IN READING
1-10 Credit Hours
(Repeatable for credit) Supervised program requiring application of
theory and practices in reading in field settings. Planned with and
directed by a graduate faculty member. Students are required to complete
Bureau of Criminal Investigation and Identification (BCII) and Federal
Bureau of Investigation (FBI) background checks and submit the results
to authorized personnel at their assigned school/agency before the first
day of the semester in which student teaching/internship will take place.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-30 other
Grade Mode: Standard Letter

CI 77395  SPECIAL TOPICS IN READING 1-5 Credit Hours
(Repeatable for credit) Specialized offerings in response to emerging or selected program needs in reading.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Lecture
Contact Hours: 1-5 lecture
Grade Mode: Standard Letter

CI 77396  INDIVIDUAL INVESTIGATION IN READING AND LANGUAGE
ARTS 1-5 Credit Hours
(Repeatable for credit) Directed independent reading and/or research of
special interest or need in student’s program. Planned with and directed
by a graduate faculty member.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 77592  PRACTICUM IN MATHEMATICS EDUCATION INTERVENTION
3 Credit Hours
(Repeatable for credit) Experience in providing leadership in designing
intervention programs for schools, and designing curriculum and
instruction for individual learners that experience difficulties in learning
mathematics.
Prerequisite: ADED 52267 and CI 77224 and CI 77226 and ECED 50147;
and doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 77692  CLINICAL PRACTICUM IN CORRECTIVE READING 3 Credit
Hours
Application of previous courses includes supervised diagnostic/
prescriptive reading work with school-age pupils and diagnostic/remedial
reporting.
Prerequisite: CI 77319; and doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 77791  SEMINAR IN MATHEMATICS EDUCATION 3 Credit Hours
(Repeatable for credit) An in-depth exploration of the theoretical
frameworks and methodologies used in current research in mathematics
education.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 80089  RESIDENCY I 3 Credit Hours
Beginning doctoral seminar. Students explore the field of curriculum and
instruction by reading and discussing foundational and current theories
and research in the field. Students begin to identify and explore their
research interests in the field.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

CI 80090  RESIDENCY II 3 Credit Hours
Advanced doctoral seminar. Structured opportunity for students to
synthesize research from the field, explore research options for their
dissertation study, review literature for their research studies and discuss
the development of their research.
Prerequisite: CI 80089; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

CI 80169  UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT
STUDENTS AND THEIR FAMILIES 3 Credit Hours
(Slashed with CI 60169) This course is designed to help the general
practitioner understand and know foundational concepts about multi-
lingual students, immigrants, English Language Learners and their
families.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 80171  TEACHING EMERGENT BILINGUAL AND IMMIGRANT
STUDENTS 3 Credit Hours
(Slashed with CI 60171) General educators will explore the application of
teaching methods and a variety of curriculum approaches for immigrant
and bi-literate children, and apply more fully their work with families and
communities.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 80199  DISSERTATION I 15 Credit Hours
(Repeatable for credit) Doctoral dissertation for which registration in at
least two semesters is required, first of which will be semester in which
dissertation work is begun and continuing until the completion of 30
hours.
Prerequisite: Doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 80299  DISSERTATION II 15 Credit Hours
(Repeatable for credit) Continuing registration required of doctoral
students who have completed the initial 30 hours of dissertation and
continuing until all degree requirements are met.
Prerequisite: CI 80199; and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP
CI 85025 CONTEMPORARY ISSUES IN SPORT PEDAGOGY - AN INTERNATIONAL PERSPECTIVE  3 Credit Hours
(Slashed with CI 65025) An international perspective on the investigation and study of current problems, issues and trends in sport pedagogy.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 85037 ADAPTED PHYSICAL EDUCATION  3 Credit Hours
(Slashed with CI 65037) Course prepares physical education teachers to provide safe, appropriate and individualized accommodations to students with disabilities. All information presented is structured around research-based and cross-culturally appropriate practices in adapted physical education that have been implemented in physical education programs globally.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 85044 PEDAGOGICAL ANALYSIS OF PHYSICAL EDUCATION AND SPORT  3 Credit Hours
(Slashed with CI 65044) An analysis of contemporary pedagogical models, practices and theories relevant to the multidimensional environments of physical education and sport.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 85055 CURRICULUM DEVELOPMENT IN SPORT PEDAGOGY  3 Credit Hours
(Slashed with CI 65055) The analysis, development and design of curricular theory and practice in physical education and sport. An examination of current and future issues in curriculum implementation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87000 THEORY AND RESEARCH IN TEACHING  3 Credit Hours
Focuses on critical study of contrasting approaches to the study of teaching processes. Surveys issues to give students a more critical perspective and to provoke thought about the relationship among theory research and practice.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87001 THEORY AND RESEARCH IN CURRICULUM  3 Credit Hours
Focuses on historic and contemporary examples of curriculum theory and their application in curriculum design, development and evaluation. Examines modes of inquiry used by curriculum researchers and contemporary curriculum issues.
Prerequisite: CI 77001; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87002 FORMS OF INQUIRY IN CURRICULUM AND INSTRUCTION  3 Credit Hours
Introduction to the history, context, philosophy and ethics of inquiry in curriculum and instruction. Emphasis on acquainting students with faculty lines of inquiry and research foci while preparing them for critical consumption of and significant contribution to inquiry in curriculum and instruction.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 87091 SEMINAR IN CURRICULUM AND INSTRUCTION  1-4 Credit Hours
(Slashed with CI 87091)(Repeatable for credit) A wide range of topics for advanced graduate inquiry. Normally, course provides a balance of theoretical study and creative application.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter-IP

CI 87098 RESEARCH IN CURRICULUM AND INSTRUCTION  1-15 Credit Hours
(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 87340 RESEARCH IN READING  3 Credit Hours
An introduction to a perspective on psychological processes underlying levels of reading from pre-reading to mature reading with implications for instruction.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87342 SEMINAR IN READING AND LANGUAGE  3 Credit Hours
Exploration of some of the issues, methods and findings on the relationship of reading and language. Examination of selected issues such as dialect bilingualism readability language based-strategies for reading instruction.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87343 RESEARCH IN TEACHING OF WRITING  3 Credit Hours
Issues and methodologies in research in the teaching of writing. Students review the literature and conduct research in a significant area of writing instruction.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 87391  SEMINAR IN READING  1-4 Credit Hours
(Repeatable for credit) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 87398  RESEARCH IN READING AND LANGUAGE ARTS  1-15 Credit Hours
(Repeatable for credit) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter

CI 87517  NEW LITERACIES IN PRACTICE  3 Credit Hours
(Slashed with CI 67517) Developing technologies are changing the very definition of literacy. Designed to provide an overview of current (and past) theory and practices related to the growing line of inquiry known as new literacies. Participants of the class follow their own paths of inquiry related to the question: How is the definition of literacy changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as new literacies, multi-literacies and arts-based knowing to name a few) as well as encounter the basics of creating a blog or wiki and editing video. Appropriate for any educator who is interested in examining how new literacies are transforming the classrooms.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 87911  DOCTORAL SEMINAR IN MATHEMATICS EDUCATION  1-3 Credit Hours
(Repeatable for a maximum of 12 credit hours) Variable content seminar covering mathematics education. Students must seek faculty advisor recommendation prior to registration.
Prerequisite: Curriculum and Instruction major; and doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

Early Childhood Education (ECED)

ECED 10120  INTRODUCTION TO EARLY CHILDHOOD SERVICES  1 Credit Hour
Orientation to the field of early childhood education: historical and present day programs and services for young children 0-12. This course provides an overview of early childhood programs and related services for children and their families birth through age 12. The course is intended for early childhood majors as well as those who may be interested in related fields or are undecided.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
Attributes: TAG Education

ECED 20101  UNDERSTANDING YOUNG CHILDREN'S DEVELOPMENT  3 Credit Hours
Growth and development of young children from birth to age 8 as it occurs along both typical and atypical pathways. There are field-based assignments in this course.
Prerequisite: Minimum C grade in ECED 10120; and special approval.
Pre/corequisite: Minimum C grade in SPED 23000; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: TAG Education

ECED 20102  SOCIAL STUDIES AND THE ARTS IN PRESCHOOL  3 Credit Hours
Young children's development in the expressive arts and social studies; implications for development of the environment and integrated curriculum and teaching methods for preschool children. There are field-based assignments in this course.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 20103  PRESCHOOL TEACHING AND LEARNING  3 Credit Hours
(Equivalent to EYEC 22000) Integrated field-based seminar that gives students a foundation for the ways children learn during the preschool years. This course focuses on the importance of play, guidance of young children, designing quality environments, and authentic documentation and assessment. There are field-based assignments in this course.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 20105  FAMILY-SCHOOL-COMMUNITY PARTNERSHIPS IN DIVERSE SETTINGS  3 Credit Hours
(Equivalent to EYEC 21005) Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in preschool classrooms. There are field-based assignments in this course.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 20163  UNDERSTANDING YOUNG CHILDREN: TYPICAL AND ATYPICAL PATHWAYS  3 Credit Hours
Growth and development of young children from birth to age eight as it occurs along both typical and atypical pathways. Pre/Corequisite: SPED 23000; and admission to advanced study.
Prerequisite: ECED 10120; and special approval.
Corequisite: ECED 30134 and 30164 and 40145.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: TAG Education
ECED 20192  CLINICAL EXPERIENCE IN PRESCHOOL (ELR)  2 Credit Hours  
(Eligible to EYEC 22192) Internship in preschool settings. This is a supervised internship working alongside a preschool teacher in a school/childcare setting. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester. 
Prerequisite: Admission to advanced study. 
Schedule Type: Practical Experience 
Contact Hours: 14 other 
Grade Mode: Satisfactory/Unsatisfactory 
Attributes: Experiential Learning Requirement 

ECED 30123  LANGUAGE AND LITERACY FOR THE PRESCHOOL CHILD  3 Credit Hours  
(Eligible to EYEC 22130) An examination of the process of language and literacy development in preschool children. The course focuses on how preschool teachers integrate knowledge of development with early school and family literacy learning. 
Prerequisite: Admission to advanced study. 
Corequisite: ECED 30142 and ECED 30147 and ECED 40165 and ECED 40192 (ECED Block II). 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30134  INTEGRATED EXPRESSIVE ARTS AND SOCIAL STUDIES IN PRESCHOOL  3 Credit Hours  
Young children's development in the expressive arts and social studies; implications for development of the environment, integrated curriculum and teaching methods for preschool children. 
Prerequisite: Admission to advanced study. 
Corequisite: ECED 20163 and ECED 30164 and ECED 40145 (ECED Block I). 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30142  PARTNERSHIPS AND GUIDANCE FOR PRESCHOOL CHILDREN  3 Credit Hours  
(Eligible to EYEC 21005) Appropriate guidance strategies set the foundation for positive experiences our youngest children in school; patterns learned early often set a foundation for primary school entry. This course addresses the concerns of guidance family partnerships and inclusive schooling with preschool children and their educators. It takes a proactive stance, helping teachers develop a constructive guidance approach. 
Prerequisite: Admission to advanced study. 
Corequisite: ECED 30123 and ECED 30147 and ECED 40165 and ECED 40192 (ECED Block II). 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30144  INTEGRATED CURRICULUM FOR SOCIAL STUDIES  3 Credit Hours  
Objectives, resources, curriculum development, methods of teaching social studies and expressive arts at kindergarten and primary levels; emphasis on developing integrated social studies curriculum; infusing multiple forms of expressive arts into integrated curriculum and assessment; and engaging professional collaboration with teachers in the field. 
Prerequisite: ECED 30134; and admission to advanced study. 
Corequisite: ECED 40142 and ECED 40105 and ECED 40107 and ECED 40123. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30147  EARLY EXPERIENCES IN MATHEMATICS AND SCIENCE  3 Credit Hours  
Instructional psychology and materials for effective teaching of mathematics and science in preschool settings with a theoretical emphasis on cognitive development. 
Prerequisite: MATH 14001 and 14002 with a minimum of a C grade; and admission to advanced study. 
Corequisite: ECED 30123 and ECED 30142 and ECED 40165 and ECED 40192. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30164  PRESCHOOL EDUCATION  3 Credit Hours  
Integrated curriculum utilizing principles of developmentally appropriate practice in settings for children under five. Field experience two mornings a week. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester. 
Prerequisite: Admission to advanced standing. 
Corequisite: ECED 20163 and ECED 30134 and ECED 40145 (ECED Block I). 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter 

ECED 30201  TEACHING EARLY READERS  3 Credit Hours  
(Eligible to EYEC 22130) An examination of the process of languages and literacies development. This course focuses on teaching literacy to preschool and primary age students 
Prerequisite: Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block 2); and satisfactory grade in ECED 30292; and admission to advanced study. 
Schedule Type: Lecture 
Contact Hours: 3 lecture 
Grade Mode: Standard Letter
ECED 30202  MATHEMATICS AND SCIENCE IN THE EARLY YEARS  3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics and science in preschool and early primary settings with a theoretical emphasis on cognitive development. Student engagement through authentic, inquiry-based, integrated experiences are explored.
Prerequisite: Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 30205  CULTURALLY AND LINGUISTICALLY SUSTAINING PEDAGOGY  3 Credit Hours
(Equivalent to EYEC 22140) This course extends students' knowledge of the application of culturally and linguistically sustaining curriculum for students in preschool and primary years classrooms. This course has a field component attached to it. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103, ECED 20105 (Block I); and a satisfactory grade in ECED 20192; admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 30292  CLINICAL EXPERIENCE PRIMARY II (ELR)  1 Credit Hour
A structured tutoring experience with K-5 students in collaboration with local schools. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.
Prerequisite: Minimum C grade in ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; and admission to advanced study.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

ECED 30392  CLINICAL EXPERIENCE PRIMARY III (ELR)  1 Credit Hour
A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.
Prerequisite: Minimum C grade in ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block II); and a satisfactory grade in ECED 30292; and admission to advanced study.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

ECED 40092  INTEGRATED FIELD EXPERIENCES (ELR)  3 Credit Hours
(Repeatable for credit) Participation in experiences offering opportunity to plan and teach reading, language arts, integrated content units and observe students in early childhood classrooms. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: Admission to advanced study.
Corequisite: ECED 40114 and ECED 40126 and ECED 40127 and ECED 40147.
Schedule Type: Workshop
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

ECED 40093  VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with ECED 50093 and ECED 70093) Topics of special interest to students desiring to intensify their knowledge in particular areas. Presenters include Kent early childhood faculty members and may include experts from outside agencies and other institutions.
Prerequisite: Permission.
Schedule Type: Workshop
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory

ECED 40105  APPROPRIATE PHONICS INSTRUCTION FOR KINDERGARTEN AND PRIMARY CHILDREN  3 Credit Hours
(Repeatable for credit) (Slashed with ECED 50105) An examination of phonics in early reading and writing development, effective strategies for teaching and assessing phonics appropriate for kindergarten and primary grade children.
Prerequisite: ECED 30123; and admission to advanced study.
Corequisite: ECED 30144 ECED 40107 and ECED 40123 and ECED 40142 (Block III).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40107  TEACHING MATHEMATICS: EARLY YEARS I  3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-1 with a theoretical emphasis on cognitive development.
Prerequisite: ECED 30147 and MATH 14001 and 14002; and admission to advanced study.
Corequisite: ECED 30144 and ECED 40105 and ECED 40123 and ECED 40142.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECED 40114  TEACHING SCIENCE IN THE EARLY YEARS  3 Credit Hours
(Slashed with ECED 50114) This course investigates engaging young children in inquiry-based processes of science. Emphasis is given to creating developmentally appropriate experiences in accordance to NAEYC guidelines. National and state science standards as well as the college and graduate school of education conceptual framework. Attention is focused on the use of science materials safety planning assessment and incorporating science across the curriculum.
Prequisite: ECED 30147; and admission to advanced study.
Corequisite: ECED 40126 and ECED 40127 and ECED 40092 and ECED 40147 (Block IV).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40123  CRITICAL INQUIRY INTO INTEGRATED CURRICULUM IN THE PRIMARY YEARS  3 Credit Hours
(Slashed with ECED 50123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.
Prequisite: Admission to advanced study.
Corequisite: ECED 30144 and ECED 40105 and ECED 40107 and ECED 40142.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40125  INQUIRY INTO PROFESSIONAL PRACTICE  3 Credit Hours
Interdisciplinary inquiry into teaching as a professional practice in early childhood education. Completion of K-STEP unit assessment.
Prequisite: A minimum C grade in the following courses: ECED 40401, ECED 40402, ECED 40403, ECED 40404 and ECED 44444 (Block IV); and a satisfactory grade in ECED 40492; and admission to advanced study.
Corequisite: ECED 40292.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40126  DEVELOPMENTAL READING AND WRITING: EARLY YEARS  3 Credit Hours
(Slashed with ECED 50126) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.
Prequisite: ECED 40105; and admission to advanced study.
Corequisite: ECED 40092 and ECED 40114 and ECED 40127 and ECED 40147.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40127  DEVELOPING A BALANCED LITERACY PROGRAM (WIC)  3 Credit Hours
This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction.
Prequisite: ECED 40105; and admission to advanced study.
Corequisite: ECED 40114 and ECED 40126 and ECED 40092 and ECED 40147.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

ECED 40142  HOME-SCHOOL-COMMUNITY-PARTNERSHIPS IN DIVERSE CONTEXTS (ELR)  3 Credit Hours
(Slashed with ECED 50142) Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in the primary grades.
Prequisite: Admission to advanced study.
Corequisite: ECED 30144 and ECED 40105 and 40107 and 40123.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement, TAG Education

ECED 40145  MUSIC MOVEMENT IN PRE-PRIMARY EDUCATION  3 Credit Hours
(Slashed with ECED 50145) Music and movement for pre-primary children. Course intended for majors in early childhood education or other persons desiring additional work with pre-primary children.
Prequisite: Admission to advanced study.
Corequisite: ECED 20163 and ECED 30134 and ECED 30164 (ECED Block I).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40147  TEACHING MATHEMATICS:EARLY YEARS II  3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-3 with a theoretical emphasis on cognitive development.
Prequisite: MATH 14001 and 14002 with a minimum C grade; and admission to advanced study.
Corequisite: ECED 40114 and ECED 40126 and ECED 40127 and ECED 40092 (Block IV).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECED 40151 GUIDANCE OF YOUNG CHILDREN 3 Credit Hours
Principles and practices of appropriate guidance for young children, intervention strategies, resources and materials for guidance.
Prerequisite: Admission to advanced study.
Corequisite: ECED 40105 and 40107 and 40142 and CULT 29535.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40165 INTEGRATED APPLICATION OF PRESCHOOL CURRICULUM 3 Credit Hours
( Equivalent to EYEC 22140) Internship in preschool. Advanced integrated preschool curriculum utilizing principles of developmentally appropriate practice focusing on infant toddler and preschool age children.
Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: ECED 30164.
Corequisite: ECED 30123 and ECED 30142 and ECED 30147 and ECED 40192.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40196 INDIVIDUAL INVESTIGATION IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours
(Repeatable for credit) Open to seniors in ECED. Intensive individual study on an early childhood topic selected by student and adviser.
Prerequisite: Admission to advanced study; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECED 40203 CRITICAL INQUIRY: THE INTERNATIONAL BACCALAUREATE FRAMEWORK 3 Credit Hours
( Slashed with ECED 50203) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.
Prerequisite: Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103, ECED 20105 (Block I); and a satisfactory grade in ECED 20192; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40292 INTERNSHIP IN ELEMENTARY SCHOOLS (ELR) 4-9 Credit Hours
(Repeatable for credit) Internship in grades K-5, full day for 15 weeks. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: ECED 40492; and admission to advanced study.
Corequisite: ECED 40125.
Schedule Type: Practical Experience
Contact Hours: 20-40 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

ECED 40301 TEACHING SOCIAL STUDIES IN THE ELEMENTARY YEARS 3 Credit Hours
Objectives, resources, curriculum development, and methods of teaching social studies K-fifth grade with an emphasis on developing integrated social studies curriculum and engaging professional collaboration with teachers in the field. Emphasis on non-dominant narratives will be considered. At least one field experience assignment will be integrated in this course.
Prerequisite: Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40302 TEACHING PHONICS AND WORD STUDY 3 Credit Hours
( Slashed with ECED 50302) An examination of phonics in reading and writing development; effective strategies for teaching and assessing phonics appropriate for K-5 students.
Prerequisite: Minimum C grade in the following courses: ECED 20101, ECED 20102, ECED 20103 and ECED 20105 (Block I); and a satisfactory grade in ECED 20192; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40303 TEACHING MATHEMATICS IN THE ELEMENTARY YEARS I 3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development; application of curriculum planning, teaching strategies, and task analysis. There are field-based assignments in this course.
Prerequisite: Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40304 TEACHING SCIENCE IN THE ELEMENTARY YEARS 3 Credit Hours
( Slashed with ECED 50304) This course investigates engaging students in inquiry-based science practices and big science ideas. Emphasis is given to creating developmentally appropriate experiences.
Prerequisite: Minimum C grade in the following courses: ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECED 40305  GUIDANCE AND ASSESSMENT: SUPPORTING ALL CHILDREN  3 Credit Hours
This course addresses the complexities of addressing individual student needs within the larger classroom setting. Strategies specific to guidance and assessment are examined to meet social/emotional and cognitive development needs and set the foundation for positive experiences in school. This course highlights a proactive stance, helping teachers develop a constructive guidance approach and meaningful assessment practices. There are field-based assignments in this course.
Prerequisite: Minimum C grade in ECED 30202, ECED 30205, ECED 40203 and ECED 40302 (Block II); and satisfactory grade in ECED 30292; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40401  TEACHING SCIENCE AND SOCIAL STUDIES IN THE ELEMENTARY YEARS  3 Credit Hours
This course focuses on the following aspects for the elementary grades: science and social studies content and practices; planning and teaching of science and social studies; and critical literacy and non-dominant narratives. There are field-based assignments in this course.
Prerequisite: Minimum C grade in ECED 30201, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40402  TEACHING READERS IN THE ELEMENTARY YEARS  3 Credit Hours
(Slashed with ECED 50402) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.
Prerequisite: ECED 30201 and ECED 40301 and ECED 40303 and ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40403  TEACHING WRITERS IN THE ELEMENTARY YEARS (WIC)  3 Credit Hours
This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction. There are field-based assignments in this course.
Prerequisite: ECED 30201 and ECED 40302 with a minimum C grade.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

ECED 40404  TEACHING MATHEMATICS IN THE ELEMENTARY YEARS II  3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development. There are field-based assignments in this course.
Prerequisite: Minimum C grade in ECED 30201, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40492  CLINICAL EXPERIENCE PRIMARY IV (ELR)  1 Credit Hour
A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester.
Prerequisite: Minimum C grade in ECED 30201, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and admission to advanced study.
Corequisite: ECED 44444.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

ECED 44444  DEVELOPMENT AND PEDAGOGY IN UPPER ELEMENTARY SCHOOL  3 Credit Hours
Growth and development of children in grades four and five; implications for the application to the intermediate classroom; developmentally-appropriate practices including differentiation; examination of classroom systems and whole-child learning including impacts of trauma and stress. There are field-based assignments in this course.
Prerequisite: Minimum C grade in ECED 30201, ECED 40301, ECED 40303, ECED 40304 and ECED 40305 (Block III); and satisfactory grade in ECED 30392; and admission to advanced study.
Corequisite: ECED 40492.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50093  VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with ECED 40093 and ECED 70093) Variable topic workshop in early childhood education.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory
ECED 50105  APPROPRIATE PHONICS INSTRUCTION FOR KINDERGARTEN AND PRIMARY CHILDREN  3 Credit Hours
An examination of phonics in early reading and writing development, effective strategies for teaching and assessing phonics appropriate for kindergarten and primary grade children.
Prerequisite: ECED 60167; and Early Childhood Education major; and graduate standing.
Corequisite: ECED 50147, ECED 50114 and ECED 50126.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50114  TEACHING SCIENCE IN THE EARLY YEARS  3 Credit Hours
(Slashed with ECED 40114) This course investigates engaging young children in inquiry-based processes of science. Emphasis is given to creating developmentally appropriate experiences in accordance to NAEYC guidelines. National and state science standards as well as the college and graduate school of education conceptual framework. Attention is focused on the use of science materials safety planning assessment and incorporating science across the curriculum.
Prerequisite: Graduate standing in the Master of Arts in Teaching program.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50123  CRITICAL INQUIRY INTO INTEGRATED CURRICULUM IN THE PRIMARY YEARS  3 Credit Hours
(Slashed with ECED 40123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.
Prerequisite: ECED 60113 and 60152; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50125  INQUIRY INTO PROFESSIONAL PRACTICE  3 Credit Hours
(Slashed with ECED 40125) Interdisciplinary inquiry into teaching as a professional practice in early childhood education. Completion of a unit wide assessment determined by EHHS teacher education. Corequisites: ECED 67292
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50126  DEVELOPMENTAL READING AND WRITING: THE EARLY YEARS  3 Credit Hours
(Slashed with ECED 40126) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50142  HOME, SCHOOL AND COMMUNITY RELATIONS  3 Credit Hours
(Slashed with ECED 40142) Approaches to parent and community involvement in the education and welfare of children. Understanding of role of community agencies and organizations.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50145  MUSIC AND MOVEMENT IN PRE-PRIMARY EDUCATION  3 Credit Hours
(Slashed with ECED 40145) Music and movement for pre-primary children. Course intended for majors in early childhood education or other persons desiring additional work with pre-primary children.
Prerequisite: Graduate standing; and special approval from instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50147  TEACHING MATHEMATICS: EARLY YEARS  3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in prekindergarten through grade three with a theoretical emphasis on cognitive development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50203  CRITICAL INQUIRY: THE INTERNATIONAL BACCALAUREATE FRAMEWORK  3 Credit Hours
(Slashed with ECED 40203) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50301  TEACHING SOCIAL STUDIES IN K-5 CLASSROOMS  3 Credit Hours
Social Studies objectives, resources, curriculum development, and methods of teaching K-5 with an emphasis on developing integrated social studies curriculum and engaging professional collaborations with teachers in the field is emphasized. Narratives of diversity and difference with an emphasis upon social justice pedagogies are discussed and described. At least one field based experience assignment will be integrated into teaching and learning in this course.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50302  TEACHING PHONICS AND WORD STUDY  3 Credit Hours
(Slashed with ECED 40302) An examination of phonics in reading and writing development, effective strategies for teaching and assessing phonics appropriate for K-5 students.
Prerequisite: Early Childhood Education major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECED 50303  TEACHING MATHEMATICS IN THE ELEMENTARY YEARS I
3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50304  TEACHING SCIENCE IN THE ELEMENTARY YEARS
3 Credit Hours
(Slashed with ECED 40304) This course investigates engaging students in inquiry-based science practices and big science ideas. Emphasis is given to creating developmentally appropriate experiences.
Prerequisite: Majors enrolled in a Master of Arts in Teaching degree; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50402  TEACHING READERS IN THE ELEMENTARY YEARS
3 Credit Hours
(Slashed with ECED 40402) This course explores how teachers support children's literacy development through small group strategic instruction based on formative assessments.
Prerequisite: ECED 50302 and ECED 60201 with a minimum C grade; and Early Childhood Education within the Master of Arts in Teaching degree; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50403  TEACHING WRITERS IN THE ELEMENTARY YEARS
3 Credit Hours
This course expands on the previous three literacy courses to explore how research-based instruction requires a balance of literacy learning formats; an integration with learning in the content areas and is based on assessment of individual children's writing abilities and how to design instruction to meet the needs of writers. The course specifically develops understandings about principles, practices, theories and research related to writing instruction.
Prerequisite: ECED 50302 and ECED 60201; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50404  TEACHING MATHEMATICS IN THE ELEMENTARY YEARS II
3 Credit Hours
Instructional psychology and materials for effective teaching of mathematics in grades K-5 with a theoretical emphasis on cognitive development. There are field based assignments in this course.
Prerequisite: ECED 50303 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 54444  DEVELOPMENT AND PEDAGOGY IN UPPER ELEMENTARY SCHOOL
3 Credit Hours
Growth and development of children in grades four and five; implications for the application to the intermediate classroom; developmentally-appropriate practices including differentiation; examination of classroom systems and whole-child learning including impacts of trauma and stress.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60101  CONSTRUCTIVIST TEACHING IN TRADITIONAL AND NON-TRADITIONAL EARLY CHILDHOOD SETTINGS
3 Credit Hours
Theorists and researchers with a constructivist orientation will be examined in relationship to teacher beliefs and diverse settings. The course will focus on constructivist practices emphasizing child sensitive curriculum within traditional (classrooms and schools) and non-traditional settings (museums, forests, etc.).
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60102  DEVELOPING A BALANCED LITERACY PROGRAM
3 Credit Hours
An examination of own teaching practice focusing on assessment strategies to inform decision making for individual children and evaluation strategies to fine tune a balanced literacy program.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60103  SOCIAL STUDIES AND THE ARTS IN PRESCHOOL
3 Credit Hours
Young children's development in the expressive arts and social studies; implications for development of the environment, integrated curriculum and teaching methods for preschool children.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60110  TEACHING HUMANITIES: EARLY YEARS
3 Credit Hours
Looking at Humanities through the lens of a young child's experience in learning with a focus on visual thinking and expression, music and movement.
Prerequisite: Admission to advanced study; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60112  HUMANITIES FOR CHILDREN
2 Credit Hours
(Slashed with ECED 70112) Relevance of humanities as applied to education of young children.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
ECED 60113  PRESCHOOL EDUCATION  3 Credit Hours
(Slashed with ECED 70113) In-depth study of curriculum development in preschool programs.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60115  SCIENCE TECHNOLOGY ENGINEERING AND MATH
MATHEMATICS FOUNDATIONS FOR EARLY AND MIDDLE CHILDHOOD
EDUCATION  3 Credit Hours
(Cross-listed with MCED 60115) This course introduces early and middle childhood educators to STEM (Science, Technology, Engineering, Mathematics) for students in K-6 classrooms. This includes a foundation and overview of the what, how, and why STEM is included in K-6 classrooms. As a foundations course, students will gain exposure to integrating the STEM disciplines, assessment of mathematics and science in STEM, and aspects of developmentally appropriate STEM for early and middle childhood settings.
Prerequisite: ECED 50303 and graduate standing.
Pre/corequisite: ECED 50404; ECED 50304.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60116  SCIENCE TECHNOLOGY ENGINEERING AND MATH
INQUIRY FOR EARLY CHILDHOOD EDUCATION  3 Credit Hours
This course builds on STEM Foundations for Early Childhood Education. Interdisciplinary teaching of STEM for young children is the main focus, with attention to specific pedagogical applications. Thus, inquiry as a pedagogic approach to STEM application is a central, concurrent feature of this course.
Prerequisite: ECED 60115; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60145  TEACHING SOCIAL STUDIES: EARLY YEARS  3 Credit Hours
Involves the systematic study of the theories, methods, and materials necessary to successfully teach social studies to diverse populations of pre-Kindergarten and elementary school students growing up in a global society. The course will consider aspects of the history of social studies and theory and research in social education as a background for understanding methods and materials.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60151  SOCIOMORAL ENVIRONMENT IN EARLY CHILDHOOD
EDUCATION  3 Credit Hours
(Slashed with ECED 70151) Children's social and moral development will be explored in relationship to the context of primary classrooms. Children's social problem-solving, friendship making, guidance strategies and interventions, building and facilitating classroom communities and promoting caring classrooms will be the focus of this course.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60152  APPLICATION OF SELECTED THEORETICAL PRINCIPLES
TO THE DEVELOPMENT OF YOUNG CHILDREN  3 Credit Hours
(Slashed with ECED 70152) Examination of theories pertaining to child development which have special relevance in understanding and meeting developmental needs of young children. Application of selected theoretical principles to child development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60156  FOUNDATIONS IN EARLY CHILDHOOD SERVICES  3 Credit Hours
(Cross-listed with SPED 63956 and SPED 73956) Issues facing children within family/society; history of early childhood services; theoretical perspectives; implications of childhood disabilities; recommended assessment, intervention and evaluation.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60158  RECONCEPTUALIZING EARLY CHILDHOOD CURRICULUM
  3 Credit Hours
(Slashed with ECED 70158) Course examines postmodern understanding of early childhood education curricula in relationship to teaching (instruction-oriented teaching vs. pedagogy-based teaching). Social, historical, legal, political, international and cultural issues that have affected early childhood education curricula practices will be critically examined.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60159  FAMILY PROFESSIONAL COLLABORATION IN EARLY
CHILDHOOD  3 Credit Hours
(Cross-listed with SPED 63952) Examines issues facing families and professionals serving young children who are at risk, disabled and typically developing.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60160  TYPICAL AND ATYPICAL DEVELOPMENT IN YOUNG
CHILDREN  3 Credit Hours
(Cross-listed with SPED 63955) Overview of typical/atypical development pathways age three to grade three: theories of behavior, implications of atypical development on play/learning; development within ecological framework.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ECED 60163  CONTEMPORARY ISSUES AND TRENDS IN EARLY CHILDHOOD EDUCATION  3 Credit Hours
(Slashed with ECED 70163) The course is an examination of contemporary issues with young children, families, school communities, and diverse populations detailing the philosophical, social, and political ramifications of the study of children highlighting current research, practices and policies. This course will examine a body of literature, (recent seminal works of impact in early childhood), which encompass a few of the pervasive dilemmas and debates shaping the early childhood field in the U.S. today (with a global international backdrop). International perspectives on issues will be liberally juxtaposed in conjunction with U.S. issues, and overall this course will address how educators have and can structure their practice with various communities to support young children, families, and society. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60167  LANGUAGE AND LITERACY: UNDERSTANDING DEVELOPMENT  3 Credit Hours
(Slashed with ECED 70167) The development of language in children from birth through age eight with a focus on the process of typical language development and the diversity of multi-cultural language. Topics specifically related to classroom teaching include the assessment of language delays and disorders and strategies for connecting oral language to literacy in preschool. 
Prerequisite: Graduate standing.
Corequisite: ECED 60152.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60170  WRITING FOR PUBLICATION AND DISSEMINATION IN EARLY CHILDHOOD EDUCATION  3 Credit Hours
The seminar examines publication possibilities within early childhood education. A wide range of writing (e.g., journals, book reviews, training modules-manuals) will be reviewed for topics concerning young children (i.e., education, development, families, care, schools, health, and-or their teachers-providers.) This seminar will rely greatly on student participation for determining topics in support of individual interests, research, teaching practices at the university level, curriculum practices in the early childhood classrooms and settings, and more. 
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 60199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired. 
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECED 60299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met. 
Prerequisite: ECED 60199; and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECED 60392  CLINICAL EXPERIENCE PRIMARY III  1 Credit Hour
A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester. 
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Satisfactory/Unsatisfactory

ECED 60492  CLINICAL EXPERIENCE PRIMARY IV  1 Credit Hour
A structured field experience with K-5 students in collaboration with local schools. Students are assigned a mentor teacher/classroom and participate in all classroom activities at the field site weekly. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school or agency before the first day of the semester. 
Prerequisite: Graduate standing.
Schedule Type: Practical Experience
Contact Hours: 12 other
Grade Mode: Satisfactory/Unsatisfactory

ECED 63333  FAMILY-SCHOOL-COMMUNITY PARTNERSHIPS IN DIVERSE SETTINGS  3 Credit Hours
Approaches to parent and community involvement in the education and welfare of children are examined, applied, and discussed. Focuses are theories, policies, practices, skills, and knowledge of partnership building in educational settings. An emphasis on differentiation of practices for diverse communities is applied to teaching and learning in the primary grades. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 67291  SEMINAR IN EARLY CHILDHOOD EDUCATION  1-4 Credit Hours
(Repeatable for credit) (Slashed with ECED 77291) Seminar in early childhood education. 
Prerequisite: Graduate standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

ECED 60201  TEACHING EARLY READERS  3 Credit Hours
An examination of the process of languages and literacies development. This course focuses on teaching literacy to primary age students. 
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
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<tr>
<th>Course Code</th>
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<td>Satisfactory/Unsatisfactory-IP</td>
<td>Doctoral standing, and special approval.</td>
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<td>3-30 other</td>
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<td>1-5</td>
<td>Satisfactory/Unsatisfactory-IP</td>
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<td>ECED 67296</td>
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<td>1-5</td>
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<td>ECED 67298</td>
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<td>1-15</td>
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<td>ECED 70093</td>
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<td>1-5</td>
<td>Satisfactory/Unsatisfactory-IP</td>
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<td>ECED 70112</td>
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<td>2</td>
<td>Satisfactory/Unsatisfactory-IP</td>
<td>Doctoral standing.</td>
<td>Lecture</td>
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<td>Doctoral standing.</td>
<td>Lecture</td>
<td>3 lecture</td>
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<td>ECED 70152</td>
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<td>ECED 70153</td>
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<td>Doctoral standing.</td>
<td>Lecture</td>
<td>3 lecture</td>
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</table>

- **Prerequisites:**
  - Doctoral standing.
  - Graduate standing; and special approval.
  - Graduate standing; and permission.
  - Graduate standing; and special approval.
  - Graduate standing; and special approval.
  - Doctoral standing.
  - Doctoral standing.
  - Doctoral standing.

- **Notes:**
  - Children's social and moral development will be explored in relationship to the context of primary classrooms.
  - Children's social problem-solving, friendship-making, guidance strategies and interventions, building and facilitating classroom communities and promoting caring classrooms will be the focus of this course.
  - Relevance of humanities as applied to education of young children.
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  - Relevance of humanities as applied to education of young children.
  - Relevance of humanities as applied to education of young children.

- **Schedule Type:**
  - Lecture
  - Lecture
  - Lecture
  - Lecture
  - Lecture
  - Lecture

- **Contact Hours:**
  - 3-30
  - 1-5
  - 1-5
  - 1-15
  - 1-5
  - 2
  - 3

- **Grade Mode:**
  - Satisfactory/Unsatisfactory-IP
  - Satisfactory/Unsatisfactory-IP
  - Satisfactory/Unsatisfactory-IP
  - Satisfactory/Unsatisfactory-IP
  - Satisfactory/Unsatisfactory-IP
  - Satisfactory/Unsatisfactory
  - Standard Letter

- **Course Description:**
  - In-depth study of curriculum development in preschool programs.
  - Examination of theories pertaining to child development which have special relevance in understanding and meeting developmental needs of young children. Application of selected theoretical principles to child development.
  - Course examines postmodern understanding of early childhood education curricula in relationship to teaching (instruction-oriented teaching vs. pedagogy-based teaching). Social, historical, legal, political, international and cultural issues that have affected early childhood education curricula practices will be critically examined.

- **Other Notes:**
  - Bureau of Criminal Investigation and Identification (BCII) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.
ECED 70167  LANGUAGE AND LITERACY UNDERSTANDING DEVELOPMENT  3 Credit Hours
(Slashed with ECED 60167) The development of language in children from birth through age eight with a focus on the process of typical language development and the diversity of multi-cultural language. Topics specifically related to classroom teaching include the assessment of language, delays and disorders and strategies for connecting oral language to literacy in preschool.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70170  WRITING FOR PUBLICATION AND DISSEMINATION IN EARLY CHILDHOOD EDUCATION  3 Credit Hours
(Slashed with ECED 60170) The seminar examines publication possibilities within the field of early childhood education. A wide range of writing (e.g., journals, book reviews, training modules-manuals) will be reviewed for topics concerning young children (i.e., education, development, families, care, schools, health, and-or their teachers providers.) This seminar will rely a great deal on student participation for determining topics in support of individual interests, research, teaching practices at the university level, curriculum practices in the early childhood classrooms and settings and more.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 77291  SEMINAR IN EARLY CHILDHOOD EDUCATION  1-4 Credit Hours
(Repeatable for credit) (Slashed with ECED 67291) Seminar in ECED.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Standard Letter

ECED 77292  PRACTICUM AND INTERNSHIP IN EARLY CHILDHOOD EDUCATION  1-10 Credit Hours
(Repeatable for credit) (Slashed with ECED 67292) Practicum/ internship in ECED. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-30 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ECED 77295  SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION  1-5 Credit Hours
(Repeatable for credit) (Slashed with ECED 67295) Special topics in ECED.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-5 lecture
Grade Mode: Standard Letter

ECED 80295  SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION  1-5 Credit Hours
(Repeatable for credit) Special topics in ECED.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Lecture
Contact Hours: 1-5 lecture
Grade Mode: Standard Letter

ECED 80298  RESEARCH IN EARLY CHILDHOOD EDUCATION  1-15 Credit Hours
(Repeatable for credit) Research in ECED.
Prerequisite: Doctoral standing.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter

ETEC 47400  TRENDS IN EDUCATIONAL TECHNOLOGY  3 Credit Hours
(Repeatable for credit) (Slashed with ETEC 50093) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 47403  INSTRUCTIONAL DESIGN  3 Credit Hours
(Repeatable for credit) (Slashed with ETEC 57403) Enables students to design and develop instructional systems and materials using a systematic and research- and theory-based instructional design model.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 39525  EDUCATIONAL TECHNOLOGY  3 Credit Hours
Develops knowledge and skills in designing, implementing, and assessing learning experiences, using various digital tools and resources to support teaching, learning and research.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 40093  VARIABLE TITLE WORKSHOP IN EDUCATIONAL TECHNOLOGY  1-4 Credit Hours
(Repeatable for credit) (Slashed with ETEC 50093) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory
ETEC 47427 TECHNOLOGY AND LEARNING 3 Credit Hours
(Slashed with ETEC 57427) The effective use of technology for teaching and learning depends on understanding how researchers have created, integrated, and adapted technology integration and adoption models. This course presents an overview of key theories and concepts that have transformed our understanding of educational technology. It relies on a knowledge of the psychological principles of learning. Students without such knowledge should consider taking EPSY 29525 Educational Psychology first.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 47495 SPECIAL TOPICS: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours
(Repeatable for credit) Specialized offering in response to emerging or selected program needs in educational technology.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

ETEC 47496 INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY 1-3 Credit Hours
(Repeatable for credit) Directed independent reading and/or research of special interest or need in student’s program. Planned with and directed by a faculty member.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 50093 VARIABLE TITLE WORKSHOP IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours
(Repeatable for credit) (Slashed with ETEC 40093) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

ETEC 57400 TRENDS IN EDUCATIONAL TECHNOLOGY 3 Credit Hours
(Slashed with ETEC 47400) Overview of current technologies as they are used in education. Teaches principles and techniques for selecting and using technology for instruction. Focuses on digital technologies that can be used to increase the effectiveness of education.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 57403 INSTRUCTIONAL DESIGN 3 Credit Hours
(Slashed with ETEC 47403) Enables students to design and develop instructional systems and materials using a systematic and research-and theory-based instructional design model.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 57427 TECHNOLOGY AND LEARNING 3 Credit Hours
(Slashed with ETEC 47427) The effective use of technology for teaching and learning depends on understanding how researchers have created, integrated, and adapted technology integration and adoption models. This course presents an overview of key theories and concepts that have historically transformed our understanding of educational technology. It relies on a knowledge of the psychological principles of learning. Students without such knowledge should consider taking EPSY 65524 Learning Theories, first.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 60199 THESIS I 2-6 Credit Hours
(Repeatable for credit) (Slashed with ETEC 47499) Students electing to complete a thesis to fulfill the requirements for the Master of Education degree must register for at least one semester of Thesis I.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 6-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 60299 THESIS II 2 Credit Hours
(Repeatable for credit) When 6 credits of Thesis I have been complete, students electing to complete a thesis to fulfill the requirements for the Master of Education degree must continue to register each semester for Thesis II until all degree requirements have been completed.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 67402 MANAGING SCHOOL TECHNOLOGY CENTERS AND PROGRAMS 3 Credit Hours
(Slashed with ETEC 77402) Provides skills in planning, organizing, administering and evaluating school-based technology and media centers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67410 SIMULATIONS AND GAMES IN EDUCATION 3 Credit Hours
(Slashed with ETEC 77410) Introduction to digital simulations and games as educational tools. Students develop proficiency in applying these tools to learning. Surveys research and design principles and introduces game editors for developing simulations and games.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67411 DESIGNING VISUALS FOR EDUCATION 3 Credit Hours
(Slashed with ETEC 77411) Investigates research in perception and cognition and its influence on principles and best practices in educational visual design. Focuses on the design of educational visuals and media in print, video, and computer-based technology.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ETEC 67420 RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY 3 Credit Hours
(Slashed with ETEC 77420) Reviews the foundations of the field of Educational Technology as well as the basic theories that underlie its practice. Teaches masters students to read and make use of research in the field and doctoral students to critique research and develop meaningful research questions in the field.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67425 MANAGING TECHNOLOGICAL CHANGE 3 Credit Hours
(Slashed with ETEC 77425) Analyzing organizations and situations to determine the needs for and obstacles to technological change. Development of strategies for technological change. Identifying goals for change projects and basic project management techniques for implementing them.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67426 MANAGING SCHOOL TECHNOLOGIES 3 Credit Hours
(Slashed with ETEC 77426) Specifically for students interested in working in school settings managing computer labs and school servers and networks. Covers managing aspects of computer hardware, software and updates, and networks.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67432 DESIGNING MULTIMEDIA FOR EDUCATION 3 Credit Hours
(Slashed with ETEC 77432) Application of evidence-based instructional methods to the design, development, and evaluation of multimedia learning materials. Research-based guidelines for multimedia learning that influence learning outcomes. Uses various tools to design and develop multimedia projects.
Prerequisite: ETEC 57403; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67434 EMERGING TECHNOLOGIES FOR EDUCATION 3 Credit Hours
(Slashed with ETEC 77434) Focuses on the theoretical foundations, design, and development of educational delivery systems employing leading-edge and emergent technologies. Includes presentations and activities that employ the technologies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67435 VIRTUAL AND AUGMENTED REALITY 3 Credit Hours
(Slashed with ETEC 77435) Virtual augmented reality can help provide engaging educational experiences. This course enables students to understand best practices and core guidelines in these technologies. Design principles and software for developing environments are included.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67442 DESIGNING ONLINE AND BLENDED COURSES 3 Credit Hours
(Slashed with ETEC 77442) Online and blended courses present new challenges in designing instructional experiences for students. Students will analyze course goals and contexts, design and develop effective online educational materials, interactions and discourses, and plan the evaluation of online courses.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67444 TEACHING ONLINE AND BLENDED COURSES 3 Credit Hours
(Slashed with ETEC 77444) Course explores using pedagogical approaches appropriate to online learning, including facilitating synchronous and asynchronous discussions, facilitating embedded assessment, enhancing online interactivity, collaboration and community and incorporating self-directed learning. Students discuss, analyze and use these strategies in online teaching and learning.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67445 DESIGNING INSTRUCTIONAL AND PERFORMANCE SOLUTIONS 3 Credit Hours
(Slashed with ETEC 77445) Develop knowledge of the systematic approach to instructional design, the contexts of application of this approach, and the roles of professionals in this field in adapting and applying the process in a flexible and innovative manner, especially to large-scale projects.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67449 RESEARCH IN ONLINE AND BLENDED LEARNING 3 Credit Hours
(Slashed with ETEC 77449) Course reviews current research issues in online teaching and learning and explores potential new areas of research. Students engage in guided inquiry to identify, understand, apply, and critique current research. Students participate in a constructive online learning environment.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 67491 SEMINAR: EDUCATIONAL TECHNOLOGY 1-4 Credit Hours
(Repeatable for credit) (Slashed with ETEC 77491) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter
**ETEC 67492** PRACTICUM AND PORTFOLIO 3 Credit Hours

Apply knowledge and skills related to the design, development, implementation, management, and evaluation of educational technologies through practical field experience in a school setting or an environment where educational technology services and programs are being used. Create a standards-based online portfolio to demonstrate professional competence and growth.

**Prerequisite:** Graduate standing.

**Schedule Type:** Practical Experience

**Contact Hours:** 10 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

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**ETEC 67495** SPECIAL TOPICS IN EDUCATIONAL TECHNOLOGY 1-4 Credit Hours

(Repeatable for credit) Specialized offering in response to emerging or selected program needs in educational technology.

**Prerequisite:** Graduate standing.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

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**ETEC 67496** INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY 1-3 Credit Hours

(Repeatable for credit) (Slashed with ETEC 67496) Directed independent reading and/or research of special interest or need in student's program. Planned with and directed by a graduate faculty member.

**Prerequisite:** Graduate standing; and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

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**ETEC 77425** MANAGING TECHNOLOGICAL CHANGE 3 Credit Hours

Reviews the foundations of the field of Educational Technology as well as the basic theories that underlie its practice. Teaches masters students to read and make use of research in the field and doctoral students to critique research and develop meaningful research questions in the field.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

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**ETEC 77426** MANAGING SCHOOL TECHNOLOGIES 3 Credit Hours

(Repeatable for credit) Specifically for students interested in working in school settings managing computer labs and school servers and networks. Covers managing aspects of computer hardware, software and updates, and networks.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

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**ETEC 77432** DESIGNING MULTIMEDIA FOR EDUCATION 3 Credit Hours

(Repeatable for credit) Application of evidence-based instructional methods to the design, development, and evaluation of multimedia learning materials. Research-based guidelines for multimedia learning that influence learning outcomes. Uses various tools to design and develop multimedia projects.

**Prerequisite:** ETEC 57403; and doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

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**ETEC 77434** EMERGING TECHNOLOGIES FOR EDUCATION 3 Credit Hours

(Repeatable for credit) Focuses on the theoretical foundations, design, and development of educational delivery systems employing leading-edge and emergent technologies. Includes presentations and activities that employ the technologies.

**Prerequisite:** Doctoral standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter
ETEC 77435  VIRTUAL AND AUGMENTED REALITY  3 Credit Hours
(Slashed with ETEC 67435) Virtual augmented reality can help provide engaging educational experiences. This course enables students to understand best practices and core guidelines in these technologies. Design principles and software for developing environments are included.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77442  DESIGNING ONLINE AND BLENDED COURSES  3 Credit Hours
(Slashed with ETEC 67442) Online and blended courses present new challenges in designing instructional experiences for students. Students will analyze course goals and contexts, design and develop effective online educational materials, interactions and discourses, and plan the evaluation of online courses.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77444  TEACHING ONLINE AND BLENDED COURSES  3 Credit Hours
(Slashed with ETEC 67444) Course explores using pedagogical approaches appropriate to online learning, including facilitating synchronous and asynchronous discussions, facilitating embedded assessment, enhancing online interactivity, collaboration and community and incorporating self-directed learning. Students discuss, analyze and use these strategies in online teaching and learning.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77445  DESIGNING INSTRUCTIONAL AND PERFORMANCE SOLUTIONS  3 Credit Hours
(Slashed with ETEC 67445) Develop knowledge of the systematic approach to instructional design, the contexts of application of this approach, and the roles of professionals in this field in adapting and applying the process in a flexible and innovative manner, especially to large-scale projects.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77449  RESEARCH IN ONLINE AND BLENDED LEARNING  3 Credit Hours
(Slashed with ETEC 67449) Course reviews current research issues in online teaching and learning and explores potential new areas of research. Students engage in guided inquiry to identify, understand, apply, and critique current research. Students participate in a constructive online learning environment.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 77491  SEMINAR: EDUCATIONAL TECHNOLOGY  1-4 Credit Hours
(Repeatable for credit) (Slashed with ETEC 67491) Variable topic seminar for advanced study of specialized areas and topics. Normally designed around research and theory applied to practice.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77492  ADVANCED PRACTICUM AND INTERNSHIP IN EDUCATIONAL TECHNOLOGY  1-10 Credit Hours
Supervised program requiring application of theory to practice in the use of instructional technology directed by a graduate faculty member and a practitioner in the field. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which internship will take place.
Prerequisite: Doctoral standing.
Schedule Type: Practical Experience
Contact Hours: 3-33 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77495  SPECIAL TOPICS IN EDUCATIONAL TECHNOLOGY  1-4 Credit Hours
(Slashed with ETEC 67495) Specialized offering in response to emerging or selected program needs in educational technology.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

ETEC 77496  INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY  1-3 Credit Hours
(Repeatable for credit) (Slashed with ETEC 67496) Directed independent reading and/or research of special interest or need in student’s program. Planned with and directed by a graduate faculty member.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77498  INDEPENDENT RESEARCH IN EDUCATIONAL TECHNOLOGY  1-5 Credit Hours
(Repeatable for credit) (Slashed with ETEC 67498) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.
Prerequisite: Doctoral standing; and special approval.
Schedule Type: Research
Contact Hours: 3-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 87450  LEARNING WITH EDUCATIONAL TECHNOLOGIES  3 Credit Hours
Provides an overall introduction to research and practice in educational technology at the doctoral level. Includes examination of principles and examples of the effective application of technology to educational settings as well as approaches to research in the field.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Middle Childhood Education (MCED)

MCED 20000  LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION  3 Credit Hours
This course introduces Middle Childhood Education (MCED) teacher candidates to the cultural, community, social, emotional, cognitive, physical and moral development of early adolescents. It offers MCED candidates the opportunity to immerse themselves in a grades 4-9 clinical experience while exploring the experiences of early adolescence.
Prerequisite: CULT 29535.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

MCED 30001  TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I  3 Credit Hours
Examine issues and trends in mathematics and mathematics education. Theories of the teaching and learning of mathematics will be addressed within the context of problem solving, communications, reasoning and connections with other disciplines.
Prerequisite: EPSY 29525; and MATH 14001 and MATH 14002; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 30002  INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD  3 Credit Hours
Introductory methods course integrating social studies and science. Emphasis on principles of teaching and learning as applied to teaching to social issues and problems appropriate for middle childhood students.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 31000  TEACHING AND LEARNING IN MIDDLE CHILDHOOD  3 Credit Hours
This course emphasizes theories of learning and teaching and their application to teaching in middle childhood classrooms with a diversity of learners. Major class topics include lesson planning, teaching strategies, assessment, classroom management, and effective classroom instruction. In a concurrent clinical field experience, teacher candidates will apply teaching methods in intermediate-middle school classrooms. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: Admission to advanced study; and middle childhood education major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

MCED 40001  TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II  3 Credit Hours
To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-9 and develop skill in their use.
Prerequisite: MCED 30001; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 40002  TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II  3 Credit Hours
This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.
Prerequisite: MCED 30002; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 40003  TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II  3 Credit Hours
Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching/ internship will take place.
Prerequisite: MCED 30002; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 40005  EFFECTIVE USE OF PHONICS IN READING  3 Credit Hours
The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing strategies for effective phonics instruction and assessment.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

MCED 40006  READING AND WRITING IN MIDDLE CHILDHOOD (WIC)  6 Credit Hours
Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter

MCED 40007  TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD  3 Credit Hours
The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.
Prerequisite: MCED 40006; and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MCED 40045   TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5  3 Credit Hours
To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.
Prerequisite: ECED 40147 with a minimum grade of C.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 41000   CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD  3 Credit Hours
This course is designed to enhance knowledge, skills, and dispositions about curriculum history and organization of middle level schools (grades 4-9) that is developmentally responsive to early adolescents, and promotes student achievement and equity. Additionally, this course is also designed to extend knowledge, skills, techniques, and professional dispositions as related to middle school students’ experiences, and differentiate curriculum and assessment for diverse learners. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching internship will take place.
Prerequisite: Admission to advanced study; and MCED 31000; and middle childhood education major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

MCED 41192   MIDDLE CHILDHOOD EDUCATION GENERALIST PRACTICAL EXPERIENCE (ELR)  1 Credit Hour
(Repealable for credit) Supervised work experiences that are integrated with academic instruction and related to student's occupational goal within Middle Childhood Education Science or Social Studies.
Prerequisite: Special approval.
Schedule Type: Practical Experience
Contact Hours: 3.33 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

MCED 42392   STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)  9 Credit Hours
(Slashed with MCED 52392) Full-time student teaching for sixteen weeks in two selected concentrations (mathematics, science, language arts, social studies) and reading in grades 4-5 or grades 6-7-8. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: MCED 41000 and MCED 40007; and admission to advanced study.
Corequisite: MCED 49525.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

MCED 46645   CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4  3 Credit Hours
Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 47745   CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5  3 Credit Hours
Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.
Prerequisite: MCED 41000 and MCED 40007.
Corequisite: MCED 42392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 49525   INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD  3 Credit Hours
A seminar linked to student teaching with an emphasis on action research as professional development; completion of professional portfolios; professional ethics; and legal, medical and ethical issues in teaching.
Prerequisite: MCED 41000 and MCED 40007.
Corequisite: MCED 42392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 50002   TEACHING SCIENCE IN MIDDLE CHILDHOOD II  3 Credit Hours
(Slashed with MCED 40002) This course is designed to provide pre-service teachers with meaningful and practical learning experiences that will prepare them to create effective science learning environments for grade 4-9 students. This course includes 40 field clinical hours. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which clinical hours will take place.
Prerequisite: MCED 30002; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 50003   TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II  3 Credit Hours
Advanced methods course. Examines the purpose of citizenship education and understanding the role of history and the social sciences. Applying the principles of powerful teaching. Includes a major field experience at the student teaching site. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching/internship will take place.
Prerequisite: MCED 30002; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
MCED 50005  EFFECTIVE USE OF PHONICS IN READING  3 Credit Hours
The influence of theoretical perspectives on word identification instruction, an examination of the role of phonics in reading and writing, strategies for effective phonics instruction and assessment.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 50006  READING AND WRITING IN MIDDLE CHILDHOOD  6 Credit Hours
Understanding of literacy learning in the middle childhood (classrooms grades 4-9) with emphasis on the development of reading and writing processes, strategies for text learning, literacy in electronic environments, authentic assessment and teaching children who struggle as readers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter

MCED 50007  TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD  3 Credit Hours
The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.
Prerequisite: MCED 50006; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 50045  TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5  3 Credit Hours
To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.
Prerequisite: ECED 40147 with a minimum C grade; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 52392  STUDENT TEACHING IN MIDDLE CHILDHOOD  9 Credit Hours
(Slashed with MCED 42392) Full-time student teaching for sixteen weeks on an interdisciplinary team in two selected concentrations (mathematics, language arts, social studies, science) and reading in grades 4-9. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school-agency before the first day of the semester in which student teaching internship will take place.
Prerequisite: Graduate standing.
Corequisite: MCED 59525.
Schedule Type: Practical Experience
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory-IP

MCED 56645  CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 4  3 Credit Hours
Introduces students to fourth grade content using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 57745  CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5  3 Credit Hours
Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.
Prerequisite: Graduate standing; and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 59525  INQUIRY INTO PROFESSIONAL PRACTICE MIDDLE CHILDHOOD  3 Credit Hours
A seminar linked to student teaching with an emphasis on action research as professional development, completion of professional portfolios, professional ethics and legal, medical and ethical issues in teaching.
Prerequisite: CI 67107 and MCED 50007 with a minimum C grade; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 60115  SCIENCE TECHNOLOGY ENGINEERING AND MATH FOUNDATIONS FOR EARLY AND MIDDLE CHILDHOOD EDUCATION  3 Credit Hours
(Cross-listed with ECED 60115) This course introduces early and middle childhood educators to STEM (Science, Technology, Engineering, Mathematics) for students in K-6 classrooms. This includes a foundation and overview of the what, how, and why STEM is included in K-6 classrooms. As a foundation course, students will gain exposure to integrating the STEM disciplines, assessment of mathematics and science in STEM, and aspects of developmentally appropriate STEM for early and middle childhood settings.
Prerequisite: ECED 50404 and ECED 50304 and ECED 50303; and graduate standing.
Pre/corequisite: ECED 50203.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Physical Activity, Wellness and Sport (PWS)

PWS 10020  DEVELOPMENT AND CONDITIONING  1 Credit Hour
Introduction to the principles of physical training. Practical application of these principles through a variety of activities.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 10035  LIFETIME FITNESS  2 Credit Hours
The role of exercise in enhancing physical fitness. Lectures on principles of planning scientifically sound exercise programs. Laboratory experiences in personal fitness evaluation and exercise routines.
Prerequisite: None.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PWS 10036  FITNESS WALKING  1 Credit Hour
Introduction to Fitness Walking as a lifetime physical activity through personal cardiovascular fitness.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10095  SELECTED TOPICS: PHYSICAL EDUCATION ACTIVITIES  1-2 Credit Hours
(Repeatable for credit) Selected and varied topics of relevance in physical education basic instruction.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2-4 lab
Grade Mode: Standard Letter

PWS 10101  SCUBA DIVING  1 Credit Hour
Designed to make students a comfortable and qualified diver, capable of conducting recreational dives to shallow depths and deep water diving. Could lead to certification as a PADI open water diver.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10125  BASKETBALL  1 Credit Hour
The course is designed to give students a basic understanding of how to play the game of basketball through active participation. Students are expected to learn and be able to demonstrate the skills and strategies of the game through various practice and competitive activities. Material is presented through class instruction and handouts.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10204  BADMINTON  1 Credit Hour
Instruction in the skills and techniques of the game of Badminton
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10304  BOWLING  1 Credit Hour
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10305  BILLIARDS  1 Credit Hour
Skills, technique, strategy, game knowledge as introduction to billiards (pool), a ‘cue’ sport; rules and gaming for variations of pocket billiards; practice and class tournament play.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10306  JOGGING  1 Credit Hour
This course is designed to enhance cardiovascular fitness through jogging and or running. The course will focus on a mixture of training techniques including light jogging and interval type workouts. This course will also include supplemental exercises such as core strengthening and stretching. Students will perform basic calculations to determine target heart rate zones. Students will establish fitness goals and select appropriate activities to attain these goals. Pre and Post assessments will allow students to monitor progress towards their fitness goals.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10403  BEGINNING BALLROOM DANCE  1 Credit Hour
This course is designed for the beginning social dance to learn how to partner dance in a recreational setting. Dances include: Foxtrot, Rhumba, Meringue, Swing, Cha Cha.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10413  LATIN SOCIAL DANCE  1 Credit Hour
Presentation of the DVIDA bronze syllabus for Latin dances. Introduction of Latin rhythm dances, which will include the Merengue, Salsa, Rumba, Cha Cha and Samba. Includes proper technique, rhythm of the dance and approximately 10-15 figures for each dance.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10505  VOLLEYBALL  1 Credit Hour
Introduction to the sport of Volleyball through instruction in individual and team skills, team building and game play.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10604  BEGINNING GOLF  1 Credit Hour
The student will have the opportunity to develop basic golf skills through lectures, demonstration, drills and game play. The student will also gain knowledge of golf etiquette and other areas as related to the game of golf.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 10904  TENNIS  1 Credit Hour
You will be exposed to and utilize basic tennis skills, terms, and principles, with an emphasis on skill development and integration of playing tactics and strategies during match play.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 10906  RACQUETBALL  1 Credit Hour
Instruction in the skills, techniques and strategies of the game of Racquetball.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11126  FLAG FOOTBALL I  1 Credit Hour
This course is designed to give the students an opportunity to review and practice the basic fundamental skills relative to the game of flag football. Students are expected to be able to demonstrate the skills and strategies of the game through various practice and competitive activities.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11325  ADVANCED ICE HOCKEY  1 Credit Hour
To build on the basic hockey fundamentals, leading to advanced team play and game situations providing deeper insight into the game of hockey.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11327  KETTLEBELLS  1 Credit Hour
A vigorous introductory physical conditioning course primarily utilizing kettlebells. Exercises designed to enhance strength, power, endurance, and agility will be emphasized. Introductory approach to kettlebell techniques and kettlebell program development.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11425  VARSITY SPORTS  1 Credit Hour
(Repeatable for credit) Designed to focus on advanced varsity sport skill development, to promote techniques and strategies to perform at a high level of competition, and to foster ethical values, sportsmanship and responsible citizenship through practices and game competitions. Designed for the student athlete who meets NCAA eligibility requirements.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

PWS 11426  VARSITY SPORT TRAINING AND CONDITIONING  1 Credit Hour
(Repeatable for credit) Designed for sport specific training both in and out of season to produce highly skilled student-athletes through structured programs for immediate performance enhancement and injury prevention and to endure practice and competition. Designed for the student athlete who meets NCAA eligibility requirements.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

PWS 11435  SPORTS CONDITIONING  1 Credit Hour
This course will cover methods and techniques that are used to safely and effectively enhance an individual's athletic performance by increasing speed, strength, endurance, agility and flexibility. This course will cover a variety of training principles, training methods, basic components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle. This course is part theory and part practical application.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11634  SELF-DEFENSE  1 Credit Hour
A self-defense course designed for students with little or no martial arts or karate experience. This course will involve the training in the philosophy, principles, and techniques of Karate for self-defense, improvement of overall fitness and to give a greater understanding of the art and themselves.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11633  JU JITSU  1 Credit Hour
Presentation of Ju-Jitsu and Judo techniques for use in self-defense. Includes falling, throwing, grappling, bars, locks, strikes, kicks and defends against various weapons.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11635  BEGINNING YOGA  1 Credit Hour
Overview course in yoga, an integrated study of health. Involves the investigation and practice of breathing techniques (pranayama), hatha yoga postures (asana), meditation and relaxation. Also unifies the mind, body and spirit.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 11664  PILOTES  1 Credit Hour
Pilates is a form of fitness endeavors which unite the rhythmic performances and strength with the conditioning principles of the movement sciences.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11665  ZUMBA  1 Credit Hour
Zumba® is a fitness program that fuses hypnotic Latin rhythms and easy-to-follow moves and mixes body sculpting movements with dance steps.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11666  BEGINNING SPINNING  1 Credit Hour
The Spinning program is based on two major components: health and fitness. Each of these parts is also related to the concept of mind (the health component) and body (the fitness component), and the overall program design is intended as more than a fitness regimen. It encourages Spinning participants to shift and broaden their perspectives by exposing them to new ideas and a variety of training styles and Energy Zones.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11667  BOOT CAMP I  1 Credit Hour
This course is designed to acquaint students with an exercise program using calisthenics, resistance training, running, and agility drills. The course will focus on increasing physical fitness, including cardiovascular efficiency, muscular strength, and flexibility. Students will also learn the fundamental principles of physical fitness and their effect on lifelong health and fitness.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11668  BALL PILATES  1 Credit Hour
Ball Pilates, "Pilates on an Exercise Ball" is very similar to other Pilates classes in that it incorporates many mat and equipment-based exercises. Adding the ball increases your mind-body awareness, core strength, balance and flexibility as you perform the work on an unstable base of support.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11669  BEGINNING BROOMBALL  1 Credit Hour
Broomball is a recreational ice game played in an ice rink. Skills, tactics and plays are similar to those used in ice hockey.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11670  ZUMBA TONING  1 Credit Hour
Zumba® is a fitness program that fuses hypnotic Latin and International rhythms with easy-to-follow moves and body sculpting movements to create a dynamic workout. The Zumba Toning® program uses hand held weights to enhance rhythm and tone the muscles, specifically arms, thighs, and abdomen. Zumba Toning is an ideal way to sculpt the body.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11671  WOMEN'S WEIGHT TRAINING  1 Credit Hour
A basic course in the use of equipment in an average weight room and its application towards the development of strength and power.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 12424 EXERCISE AND WEIGHT CONTROL 1 Credit Hour
The course aims to educate the student on differing types of exercise styles currently available to assist in living a healthy lifestyle. The student will also learn ideal dietary requirements required to compliment the variety of exercise components. This course will teach how to combine this information to create a nutritional and training plan to meet current goals for this course. Students will pre-test and post-test physical fitness components in order to successfully assess how a change in a nutrition and exercise can contribute to living a healthy lifestyle.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 12425 NAUTILUS EXERCISES 1 Credit Hour
This course will cover the proper use and weight training equipment. This course will also cover the instruction of proper weight training techniques for a safe and effective weight training program. Functional training and isolation training will be discussed and practiced, so that the student will benefit from both types of strength training exercises. The course is part theory and part practical application.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13003 DANCE EXERCISE 1 Credit Hour
Dance Exercise is a form of fitness, which unites the rhythmic performance, and energy of dance with the conditioning principles of the movement sciences. In addition to the physical exercise, students will also learn about the basic methodology behind an exercise class, a general history of dance exercise, and its relevance in the fitness industry today. Students should leave the course with knowledge of basic exercise and nutrition principles that can be applied in their personal exercise programs.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13008 INTERMEDIATE VOLLEYBALL 1 Credit Hour
Introduction of advanced playing systems and strategies in volleyball while emphasizing individual skill performance.
Prerequisite: PWS 10505.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13010 JUDO-JUJITSU 1 Credit Hour
Presentation of Jujitsu-Judo techniques for use in self-defense. This will include falling skills, throwing, grappling, come-along, as well as strikes and kicks and defenses against various weapons.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13012 BACKPACKING 2 Credit Hours
Trip planning and leadership, equipment and clothing selection, safety considerations, search and rescue, environmental ethics, map and compass, weekend backpacking trip. Student must supply equipment.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

PWS 13016 CYCLING 1 Credit Hour
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13022 CAMPING 2 Credit Hours
Basic paddling skills learned in a pool environment and then experienced in open lakes and whitewater situations.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13028 INTRODUCTION TO KAYAKING 1 Credit Hour
Basic paddling skills learned in a pool environment and then experienced in open lakes and whitewater situations.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13030 BEGINNING ROCK CLIMBING 1 Credit Hour
Basic instruction in safe rope handling, knots, conditioning, climbing technique, belaying, anchor systems and rappelling.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13036 INDOOR CYCLING 1 Credit Hour
Covers the knowledge and skills that are needed to understand and participating in an indoor cycling program. Also covers the components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13040 CARDIO KICKBOXING 1 Credit Hour
Covers the knowledge and skills that are needed to understand and participate in Cardio Kickboxing. Also covers the components of fitness and the physiological factors and benefits of exercise to promote a healthy lifestyle. This course is part theory and part practical application.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 13041 HARDCORE ABS 1 Credit Hour
Examines methods and techniques that improve abdominal and back strength, mechanics and the ability to dynamically stabilize. The student masters total body movement that occur through all three planes of motion. The exercises are performed on a stable and unstable surface for greater balance challenge. Equipment is used to increase resistance to intensify the work load. Improves core strength and activities of daily living.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 13093 VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT 1-2 Credit Hours
(Repeatable for credit) Workshop in exercise, leisure and sport activities.
Topics vary.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

Physical Education and Sport Performance (PESP)
PESP 15010 INTRODUCTION TO PHYSICAL EDUCATION, FITNESS AND SPORT 3 Credit Hours
Development of a knowledge base on the roles, foundations, contextual and social issues, and career opportunities as they relate to physical education, physical activity and sport. Experimentation with various fitness tests and assessments that lead to the development of personal fitness plans.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 15011 DEVELOPMENT AND ANALYSIS OF INVASION GAMES 3 Credit Hours
Development, analysis and assessment of game performance skills used in invasion games.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 15015 DEVELOPMENT AND ANALYSIS OF NET GAMES 3 Credit Hours
Development and analysis of game performance skills in net games. Emphasis on problem solving strategies and skill execution related to game performance and on effective pedagogy.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 15016 DEVELOPMENT AND ANALYSIS OF TARGET AND FIELD GAMES 3 Credit Hours
Development and analysis of game performance skills used in target games and field-run-score games.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 15018 DEVELOPMENT OF SWIMMING AND AQUATIC SKILLS 1 Credit Hour
Development and analysis of basic aquatic skills, swimming strokes, starts and turns, diving skills, physical fitness principles, aquatic safety and basic rescue techniques.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PESP 15020 FUNDAMENTAL MOVEMENT, GYMNASTICS AND DANCE 3 Credit Hours
Designed to provide teachers and activity leaders with knowledge, skills, and dispositions necessary to teach developmentally appropriate progressions for fundamental movement skills, dance and gymnastics.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 25025 TEACHING IN PHYSICAL EDUCATION 3 Credit Hours
This course aims to introduce students to teaching and management strategies linked to student learning, the design of instructional materials and techniques, and strategies for working with diverse learners in various contexts. This course will study, discuss, and apply effective teaching skills. Thirty field hours at each elementary and secondary level requires a BCII and FBI background check report.
Prerequisite: PESP 15010.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PESP 25026 OVERVIEW OF OUTDOOR PURSUITS AND ADVENTURE EDUCATION 3 Credit Hours
An overview of outdoor pursuits and adventure education is provided for students preparing to serve students/clients in physically active, outdoor and adventure contexts. Includes a required service learning component, which involves the design and delivery of quality outdoor education programs and/or curricula to children within the local community.
Prerequisite: School Health Education majors with Health and Physical Education Licensure concentration and Physical Education and Sport Performance majors.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 4 lab
Grade Mode: Standard Letter

PESP 25033 LIFESPAN MOTOR DEVELOPMENT 3 Credit Hours
Introduction to motor development across the life span. Special emphasis on description of motor development changes and factors influencing change.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 25056 ASSESSMENT OF LEARNING IN PHYSICAL EDUCATION AND SPORT 3 Credit Hours
This course is designed to provide students with an understanding of the principles and applications of assessment methods in the fields of physical education and sport. Emphasis is placed on the selection, construction, administration, analysis and interpretation of appropriate assessments in a variety of settings, with particular emphasis on using assessments to evaluate learner progress relative to established standards in PE and sport. Throughout the course appropriate technological applications are used to facilitate data collection, management and analysis.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

College of Education, Health and Human Services
PESP 35010  PSYCHOLOGICAL DIMENSIONS OF MOTOR BEHAVIOR (WIC)  3 Credit Hours
Psychological factors in exercise, physical activity and sport emphasizing motor control learning and performance. Laboratory included.
Prerequisite: EXSC 35068 or PESP 25056; and junior standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

PESP 35020  FITNESS EDUCATION  3 Credit Hours
This course is designed to prepare teachers, coaches, and physical activity specialists for an interdisciplinary approach to fitness education. Specific emphasis will be placed on enhancing students' content knowledge of fitness and physical activity within a classroom setting as well as applying pedagogical principles of class management, instructional strategies, feedback and assessment in practical settings to enhance students' ability to teach and coach fitness content within a variety of physical education, sport and physical activity contexts.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 35040  COACHING FOOTBALL  2 Credit Hours
Techniques of coaching football, including film analysis and offensive and defensive skills and systems.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35041  COACHING SOCCER  2 Credit Hours
Coaching soccer, including analysis of skills strategy and administrative responsibilities.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35042  COACHING VOLLEYBALL  2 Credit Hours
Coaching volleyball, including analysis of skills, offensive and defensive strategy and administrative responsibilities.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35044  COACHING BASKETBALL  2 Credit Hours
Philosophy, fundamentals, strategy, administrative responsibilities and conditioning.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35048  COACHING BASEBALL AND SOFTBALL  2 Credit Hours
Coaching techniques in softball and baseball, including analysis of basic skills, position play and offensive and defensive strategies.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35049  COACHING TRACK AND FIELD  2 Credit Hours
Coaching techniques relative to track and field events. Principles of organization for track and field meets.
Prerequisite: Not open to freshmen.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

PESP 35053

PESP 45015  PSYCHOLOGY OF COACHING  3 Credit Hours
(Slashed with CI 55015) Psychological factors affecting athletic performance, with particular attention to practice factors, personality, motivation and problem athletes.
Prerequisite: Junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 45020  CONTEMPORARY ATHLETIC COACHING  3 Credit Hours
(Slashed with CI 55020) A focus on the philosophy, skills strategies and tactics of coaching within contemporary society.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PESP 45037  ADAPTED PHYSICAL EDUCATION  3 Credit Hours
This course aims to promote an academic and practical approach to teaching physical education for students with disabilities. A minimum of 30 field hours is required for this course.
Prerequisite: Junior standing.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PESP 45051  ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS  3 Credit Hours
(Slashed with CI 55051) Approaches to teaching in elementary school physical education. Focus on establishing an environment for learning, planning standards-based lessons, instructional effectiveness, and assessment of student learning. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).
Prerequisite: PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.
Corequisite: PESP 45053.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter
PESP 45053  ELEMENTARY SCHOOL PHYSICAL EDUCATION CONTENT
3 Credit Hours
(Slashed with CI 55053) Physical education content for the elementary school child with emphasis on developmentally appropriate learning in three domains. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours)
Prerequisite: PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.
Corequisite: PESP 45051.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PESP 45058  SECONDARY SCHOOL PHYSICAL EDUCATION METHODS
3 Credit Hours
(Slashed with CI 55058) Approaches to teaching in secondary school physical education. Focus on management of the learning environment, planning for learning outcomes in three domains, instructional effectiveness, and sequential curriculum development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).
Prerequisite: PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.
Corequisite: PESP 45059.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PESP 45059  SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT
3 Credit Hours
(Slashed with CI 55059) Introduction and development of content, standards-based curriculum models, management, and organizational skills related to sports and activities utilized in secondary school physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).
Prerequisite: PESP 15010 and PESP 15011 and PESP 15015 and PESP 15016 and PESP 15020 and PESP 25025 and PESP 25033; and admission to advanced study.
Corequisite: PESP 45058.
Schedule Type: Lecture, Practical Experience
Contact Hours: 2 lecture, 3 other
Grade Mode: Standard Letter

PESP 45092  INTERNSHIP IN PHYSICAL EDUCATION (ELR)  2-4 Credit Hours
(Repeatable for a maximum of 8 credit hours) Supervised full-time experience providing knowledge of overall operations for an agency or sports program in an approved setting. Forty-five (45) work hours per credit hour.
Prerequisite: Senior standing; and special approval.
Schedule Type: Practical Experience
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PESP 45096  INDIVIDUAL INVESTIGATION IN PHYSICAL EDUCATION
1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) Independent study completed under the supervision of a faculty member. Written approval of supervising faculty member and school director required prior to registration.
Prerequisite: Junior standing; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PESP 45092  INTERNSHIP IN ATHLETIC COACHING (ELR)  2-4 Credit Hours
(Repeatable for a maximum of 4 credit hours) Supervised experience in organized sport focused upon the duties of a coach; can involve one or more level (youth, school, college, professional) and sport. 45 contact hours per credit.
Prerequisite: PESP 45020; and special approval.
Schedule Type: Practical Experience
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PESP 45020; and special approval.
Schedule Type: Practical Experience
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PESP 45092  STUDENT TEACHING IN PHYSICAL EDUCATION (ELR) 12 Credit Hours
This experience provides for a full semester of student teaching in a school setting that is taken with PESP 49525 Inquiry into Professional Practice in Physical Education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school before the first day of the semester in which student teaching will take place.
Prerequisite: School Health Education or Physical Education and Sport Performance majors; and admission to advanced study.
Schedule Type: Practical Experience
Contact Hours: 45 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement
PESP 55051  ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS  
3 Credit Hours  
(Slashed with PESP 45051) Approaches to teaching in elementary school physical education. Focus on establishing an environment for learning, planning standards-based lessons, instructional effectiveness, and assessment of student learning. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).  
**Prerequisite:** Physical Education concentration in the Secondary Education major; and graduate standing; and special approval.  
**Corequisite:** PESP 55053.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 2 lecture, 3 other  
**Grade Mode:** Standard Letter  

PESP 55053  ELEMENTARY SCHOOL PHYSICAL EDUCATION CONTENT  
3 Credit Hours  
(Slashed with PESP 45053) Physical education content for the elementary school child with emphasis on developmentally appropriate learning in three domains. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).  
**Prerequisite:** Graduate standing; and special approval.  
**Corequisite:** PESP 55051.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 2 lecture, 3 other  
**Grade Mode:** Standard Letter  

PESP 55058  SECONDARY SCHOOL PHYSICAL EDUCATION METHODS  
3 Credit Hours  
(Slashed with PESP 45058) Approaches to teaching in secondary physical education. Focus on management of the learning environment, planning for learning outcomes in three domains, instructional effectiveness, and sequential curriculum development. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).  
**Prerequisite:** Graduate standing; and special approval.  
**Corequisite:** PESP 55059.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 2 lecture, 3 other  
**Grade Mode:** Standard Letter  

PESP 55059  SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT  
3 Credit Hours  
(Slashed with PESP 45059) Introduction and development of content, standards-based curriculum models, management and organizational skills related to sports and activities utilized in secondary school physical education. Students are required to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned school/agency before the first day of field experience (30 hours).  
**Prerequisite:** Graduate standing; and special approval.  
**Corequisite:** PESP 55058.  
**Schedule Type:** Lecture, Practical Experience  
**Contact Hours:** 2 lecture, 3 other  
**Grade Mode:** Standard Letter  

PESP 59525  INQUIRY INTO PROFESSIONAL PRACTICE IN PHYSICAL EDUCATION  
3 Credit Hours  
(Slashed with PESP 49525) Seminar focused on developing those skills and knowledge that enable future teachers to engage in effective reflective, collaborative and ethical professional practice.  
**Prerequisite:** Physical Education concentration in the Secondary Education major; and graduate standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

**Sport, Exercise and Performance Psychology (SEPP)**  
**SEPP 20026**  PSYCHOLOGICAL FOUNDATIONS OF SPORT AND EXERCISE  
3 Credit Hours  
Psychological Foundations of Sport and Exercise is an overview of foundational concepts and principles essential to understanding the psychological aspects of sport and exercise. Emphasis is given to psychologically based frameworks and their application to sport; in particular, exercise behavior, performance enhancement, mental skills, health and well-being. Coursework reflects an application of sport and exercise psychology concepts to practitioners in sport-related professions such as coaching, athletic training, sport management, physical education or fitness instruction, among others.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

**SEPP 30019**  PSYCHOSOCIAL PERSPECTIVES FOR GROWTH AND DEVELOPMENT IN YOUTH SPORT  
3 Credit Hours  
This course provides a holistic approach to youth sport participation. Pulling from the most current knowledge and views from a diversity of disciplines the course addresses comprehensive and relevant considerations in the field and brings attention to the influences impacting children and youth participating in a range of sport and performance activities. Knowledge from this course applies to any professional working with children and adolescents, from a leadership standpoint; such as coaches, teachers, dance, music or other instructors of any performance-related activity.  
**Prerequisite:** None.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter  

**SEPP 32250**  PSYCHOLOGICAL ASPECTS OF SPORT INJURY  
3 Credit Hours  
This course examines the various factors impacting athletes prior to and after a sport injury occurs. Understanding the relationship between biological, psychological, and social factors is critical to understanding, preventing, and rehabbing from a sport injury. Students will learn more about the consequences of sport injury, various psychological responses to sport injury, and the culture surrounding sport injury for athletes at different levels. In addition, various psychological concepts that can influence rehabilitation from an injury will be explored.  
**Prerequisite:** Sophomore standing.  
**Schedule Type:** Lecture  
**Contact Hours:** 3 lecture  
**Grade Mode:** Standard Letter
SEPP 40020  HIGH PERFORMANCE ATHLETES IN SPORT  3 Credit Hours
(Slashed with SPAD 50020) This course provides an understanding of various aspects of training, coaching, and best practices in working with athletes in a high-performance environment along with an emphasis on the social-psychological factors related to the successful performance of elite level athletes and teams.
Prerequisite: Sophomore standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SEPP 40221  EXERCISE PSYCHOLOGY  3 Credit Hours
(Slashed with SPAD 50221) This course is designed to examine the science and practice of exercise psychology from both a theoretical and applied perspective. Students will be engaged in a comprehensive inquiry into behaviors and lifestyles that influence physical and mental health from physical activity, exercise and psychological lenses. Students will explore topics such as stress, anxiety, cognitive functioning, mood, body image, personality, emotion, and childhood inactivity/obesity as they relate to exercise behaviors and contexts. Students will gain a general understanding of issues in exercise psychology related to theory, practice, and research. In addition, students will develop practical skills to promote exercise adherence and create an exercise intervention program.
Prerequisite: SEPP 20026; and sophomore standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SEPP 45007  PRINCIPLES AND APPLICATION OF SPORT PSYCHOLOGY  3 Credit Hours
(Slashed with SPAD 55007) This course encompasses the most current developments in the field of psychology with a strong foundation of the principles of human behavior in the sport and movement sciences. It incorporates sound practical theory with a focus on the application of that knowledge to be readily used by students in a range of sport and movement science careers; such as athletic training, coaching, sport management, consulting, physical education teachers and related areas with the goal to improve the sport performance and experience for all.
Prerequisite: SEPP 20026; and junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SEPP 45092  PRACTICUM IN SPORT PERFORMANCE (ELR)  1-3 Credit Hours
(Repeatable for credit) Supervised practical experiences within sport, exercise and performance psychology that are integrated with academic instruction. Forty-five contact hours per credit hour.
Prerequisite: Senior standing; and sport, exercise and performance psychology major or minor; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SEPP 45300  MOTIVATION IN SPORT, PERFORMANCE, AND MOVEMENT SETTINGS  3 Credit Hours
(Cross-listed with SPAD 55300) This course provides an in-depth and wide-ranging look at motivational theories and its application to sport, performance and physical activity. It combines the many theoretical concepts of the diverse frameworks and principles with a survey of motivational interventions performed in the sport domain. Students will leave the class with a rigorous and comprehensive knowledge of constructs, cutting-edge research, effective interventions and future outlook of motivation in sport.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SEPP 48225  SPORT PERFORMANCE PSYCHOLOGICAL INTERVENTIONS  3 Credit Hours
(Slashed with SPAD 48225) This course combines the theoretical concepts of sport and performance psychology with applied skill development to enhance performance. Students will gain knowledge of psychological skills training, learn techniques and develop confidence in their skills to work with athletes and performers. The focus of this course is on both, educational psychological interventions for personal development as well as teaching athletes strategies to enhance mental skill. Learning will be done hands-on, via case studies or scenario-based activities. Through the course of this class this course, students will create and present their individual program for an athlete or performer. This course will include learning and understanding the APA/AASP ethics’ code to develop awareness of the boundaries of ethical conduct of the profession.
Prerequisite: SEPP 20026; and junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter