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

Academic Advising Offices

Undergraduate
Vacca Office of Student Services
304 White Hall
330-672-2862
oss@kent.edu
www.kent.edu/ehhs/services/voss

Graduate Student Services
418 White Hall
330-672-2576
ogs@kent.edu
Web: www.kent.edu/ehhs/ogs

Description
The mission of the College of Education, Health and Human Services is to create and advance knowledge as it educates professionals who enhance health and well-being and enable learning 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 and Doctor of Philosophy.

Departments and Schools

• School of Foundations, Leadership andAdministration
• 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
• Community Health Education - B.S.
• Early Childhood Education - B.S.E.
• Earth Science - B.S.E.
• Educational Studies - B.S.
• Exercise Science - B.S.
• Hospitality Management - B.S.
• Human Development and Family Studies - 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.
• Middle Childhood Education - B.S.E.
• Nutrition - B.S.
• Physical Education - B.S.
• Physical Science - B.S.E.
• 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.
• Trade and Industrial Education - B.S.E.

Minors

• Athletic Coaching
• Autism Spectrum Disorders
• Community Health Education
• Disability Studies and Community Inclusion
• Early Intervention
• Education
• Event Planning
• Gerontology
• Hospitality Management
• Human Development and Family Studies
• Human Sexuality
• Mild to Moderate Special Education
• Nonprofit Studies
• Park Management
• Recreation Management
• Sport Administration
• Sports Medicine
• 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.
• 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.A.
• Educational Psychology - M.Ed.
• Educational Psychology - Ph.D.
• Educational Technology - M.Ed.
• Evaluation and Measurement - M.Ed.
• Evaluation and Measurement - Ph.D.
• 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 Studies - M.A.
• Nutrition - M.S.
• Reading Specialization - M.Ed.
• Rehabilitation Counseling - M.Ed.
• 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.
• Speech Language Pathology - Ph.D.
• Sport and Recreation Management - M.A.

Certificates

Undergraduate Certificates
• Addictions Counseling
• Alcohol, Tobacco and Other Drug Prevention
• Career-Technical Teacher Education
• Deaf Education Multiple Disabilities

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 Childhood Deaf Education
• 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

Graduate
• American Sign Language/English Interpreting Licensure Preparation - non-degree
• Deaf Education Licensure Preparation - non-degree
• Early Childhood Intervention Specialist Licensure Preparation - non-degree
• Middle Childhood Education - Language Arts and Reading Grades 4-9 - non-degree
• Middle Childhood Education - Mathematics Grades 4-9 - non-degree
• Middle Childhood Education - Science Grades 4-9 - non-degree
• Middle Childhood Education - Social Studies Grades 4-9 - non-degree
• Mild/Moderate Educational Needs Licensure Preparation - non-degree
• Moderate/Intensive Educational Needs Licensure Preparation - non-degree
• Transition-to-Work Endorsement Preparation - non-degree

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.

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:
• Fairness by striving to meet the educational needs of all students in a caring, non-discriminatory, and equitable manner
• Belief that all students can learn
• Responsibility
• Professionalism
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 candidate may not progress through the teacher education program unless evidence shows that progress toward meeting them is underway. By the completion of student teaching, all disposition standards must be rated as acceptable.

**Professional Education Warning**

Professional Education Warning for teacher licensure programs and Community Health Education major 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 check 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**

Application for student teaching is completed online through the College of Education, Health and Human Services' student portal. 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 will determine eligibility by reviewing coursework, GPA, disposition assessments, and other program area requirements (as specified in 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 professional coursework.
- Students declared in an education major must earn a minimum C grade in all major/concentration 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 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. Students at the Kent Campus apply for Advanced Study through the Vacca Office of Student Services web page. Students completing a licensure program at a regional campus should check with that campus for instructions on how to apply for “Advanced Study.” 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 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 standardized test scores of reading, writing and mathematics; 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
  - 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 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.

**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.
- Special Education: A minimum 3.00 GPA in the professional coursework is required for student teaching and graduation.
- 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 four 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. Statements can be found on the student portal.

Standardized Testing
All teacher education majors and minors are required to demonstrate basic competencies in reading, writing and mathematics before progressing in a degree program. Students are required to take the Praxis Core if they have not adequately demonstrated the competencies through the ACT, SAT and/or approved placement assessment(s) (for qualifying students). Information regarding Praxis Core is available in the Vacca Office of Student Services, 304 White Hall, in the student services offices of the Regional Campuses and at www.kent.edu/ehhs/voss. Students must have all passing standardized test scores on file in 304 White Hall prior to submission of application for admission to advanced study.

- Reading: minimum 26 ACT reading score or 620 SAT verbal score (if taken prior to March 2016) or 156 Praxis Core reading score.
- Writing: minimum 25 ACT English score or 162 Praxis Core writing score
- Mathematics: minimum 25 ACT mathematics score or 620 SAT mathematics score (if taken prior to March 2016) or 640 SAT mathematics score (if taken March 2016 or later) or 150 Praxis Core mathematics score

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), Associate Professor, Ed.D., Northern Illinois University, 2006
- Chuang, Ning Kuang (2005), Associate Professor, Ph.D., Texas Tech University, 2006
- Clark, Debra L. (1995), Associate Professor, Ph.D., Kent State University, 2003
- Damrow, Amy (2014), Assistant Professor, Ph.D., Michigan State University, 2011
- Dees, David M. (1991), Ph.D., Associate Professor, Kent State University, 2000
- Devine, Mary Ann (1997), Professor, Ed.D., University of Georgia, 1997
- Donnelly, Michele K. (2015), Assistant Professor
- Eckert, Erica L. (1998), Assistant Professor and College Assistant Dean, Ph.D., Kent State University, 2012
- Gonzalez, Gloria L. (1998), Assistant Professor, Ph.D., University of Iowa, 1994
- Gornik, Rosemary (2003), Assistant Professor, Ph.D., Kent State University, 2003
- Hoegler, Edward M. (2008), Associate Lecturer, M.S., Johnson & Wales University, 1994
- Israeli, Aviad A. (2012), Associate Professor, Ph.D., Kent State University, 1997
- Karpinski, Aryn C. (2010), Assistant Professor, Ph.D., The Ohio State University, 2010
- Kretovics, Mark A. (2001), Associate Professor, Ph.D., Colorado State University, 1998
- Lara Hilton, Tracy M. (2008), Associate Professor, Ph.D., Idaho State University, 2004
- Lee, Seon Jeong (2014), Assistant Professor, Ph.D., University of Massachusetts-Amherst, 2014
- 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, Jian (2012), Associate Professor, Ph.D., The Ohio State University, 2012
- Lyberger, Mark R. (1996), Associate Professor, Ph.D., The Ohio State University, 1996
School of Health Sciences Faculty

- Merrill, Martha C. (2008), Associate Professor, Ph.D., University of Michigan-Ann Arbor, 1982
- Mulrooney, Aaron L. (1992), Associate Professor, J.D., University of Georgia, 1990
- Niesz-Kutsch, Tricia (2004), Associate Professor, Ph.D., University of Pennsylvania, 2003
- Parr, Mary G. (1992), Associate Professor, Ph.D., University of Illinois-Urbana-Champaign, 1992
- Ravichandran, Swathi (2002), Associate Professor, M.B.A., Iowa State University, 2002
- Schenker, Jason D. (2000), Associate Professor, Ph.D., Kent State University, 2007
- Schimmel, Kimberly S. (1995), Professor and School Director, Ph.D., University of North Carolina-Greensboro, 1994
- Seeberg, Vilma (1989), Associate Professor
- Siler, Greta Y. (2004), Lecturer, M.S., Kent State University, 2007
- Ulicney, Mandy L. (2010), Associate Lecturer, M.S., Kent State University, 2011
- Walton-Fisette, Theresa A. (2003), Associate Professor, Ph.D., University of Iowa, 2002
- Wang, Philip C. (1990), Associate Professor, Ph.D., Pennsylvania State University, 1991
- Yim, Hyong Il (2015), Assistant Professor, Ph.D., University of Georgia, 2015
- Audet, Lisa R. (1995), Assistant Professor, Ph.D., Kent State University, 2000
- Axiotis, Irene R. (1985), Associate Professor, Ph.D., Kent State University, 1996
- Backus, Angela S. (2003), Assistant Professor, Ph.D., Kent State University, 2010
- Barkley, Jacob E. (2006), Professor, Ph.D., State University of New York-Buffalo, 2007
- Berk, Lynn V. (2008), Associate Lecturer, M.A., Cleveland State University, 1981
- Bernert, Donna J. (2007), Assistant Professor, Ph.D., Southern Illinois University, 2005
- Blakely-Adams, Carmen M. (2007), Lecturer, M.Ed., Cleveland State University, 2004
- Burke, Amanda J. (2000), Assistant Professor, Ph.D., Kent State University, 2015
- Burzynski, Nancy H. (2001), Associate Professor, Ph.D., Saint Mary's University, 2003
- Caine-Bish, Natalie L. (1997), Associate Professor, Ed.D., Kent State University, 2002
- Chinn, Lisa (2012), Associate Professor, Ph.D., University of Virginia, 2012
- Ding, Kele (2005), Associate Professor, Ph.D., Indiana University-Bloomington, 2000
- Falcone, Tanya R. (2007), Associate Lecturer, M.S., Kent State University, 2009
- Forbes, Myrna A. (1998), Associate Lecturer, Au.D., University of Florida, 2005
- Glickman, Ellen L. (1995), Professor, Ph.D., University of Pittsburgh, 1988
- Gordon, Karen R. (1988), Associate Professor, Ph.D., University of Illinois-Urbana-Champaign, 1988
- Grogan-Johnson, Susan L. (1988), Associate Professor, Ph.D., Kent State University, 1993
- Ha, Eun-Jeong (2004), Associate Professor, Ph.D., The Ohio State University, 1999
- Hale, Catherine C. (2000), Associate Lecturer, M.S., Indiana University-Bloomington, 1995
- Hawks, John W. (1991), Associate Professor, Ph.D., Washington University in St. Louis, 1990
- Huston, Jeffrey L. (2007), Associate Lecturer
- Huyck, Julia J. (2013), Assistant Professor, Ph.D., Northwestern University, 2010
- Kerr, Dianne L. (1988), Professor, Ph.D., The Ohio State University, 1992
- Kingsley, James D. (2013), Associate Professor, Ph.D., Florida State University, 2009
- Krumm, Mark P. (2005), Associate Professor, Ph.D., Wichita State University, 1990
- Malone, Megan (2012), Associate Lecturer, M.A., Case Western Reserve University, 2000
- Matthews, Jamie C. (2014), Lecturer, M.S., Kent State University, 2004
- McDaniel, John (2011), Assistant Professor, Ph.D., University of Utah, 2009
- Miracle, Amy L. (2012), Assistant Professor, Ph.D., University of Nevada-Las Vegas, 2013
- Mitchell, Pamela R. (1993), Associate Professor, Ph.D., University of Wisconsin-Madison, 1988
- O'Flannigan, Cara M. (2016), Lecturer, M.A., Case Western Reserve University, 2007
- Peer, Kimberly S. (1999), Professor, Ed.D., University of Akron, 2001
- Reed, Ashley (2009), Associate Lecturer, M.S., University of Kentucky, 2009
- Ridgel, Angela L. (2008), Associate Professor, Sc.D., Marshall University, 2000
- Roche, Jennifer M. (2014), Assistant Professor, Ph.D., University of Memphis, 2011
- Schmit, Anna M. (2000), Associate Professor, Ph.D., University of Illinois-Urbana-Champaign, 1988
- Sharp, David E. (2015), Assistant Professor, Ph.D., Cornell University, 2015
- Tribuzi, Scot B. (2006), Senior Lecturer, Ph.D., Kent State University, 2015
- Vaughn, Amy L. (2012), Lecturer, M.A., Case Western Reserve University, 1995
- Visker, Jennifer N. (2016), Lecturer, M.A., Case Western Reserve University, 2001
- Wagner, Laurie M. (1997), Assistant Professor, Ph.D., Kent State University, 2008
School of Lifespan Development and Educational Sciences Faculty

- Albritton, Kizzy (2014), Assistant Professor, Ph.D., Georgia State University, 2014
- Alexander, Donna C. (2008), Lecturer, B.A., Kent State University, 1992
- Anhalt, Karla (2003), Associate Professor, Ph.D., West Virginia University, 2000
- Balan, Christine M. (1986), Professor, Ph.D., Kent State University, 1994
- Barber, Brian R. (2013), Assistant Professor, Ph.D., Kent State University, 2014
- Barton, Lyle (1984), Professor, Ed.D., Northern Illinois University, 1981
- Bedesem, Pena L. (2010), Assistant Professor, Ph.D., University of Central Florida, 2010
- Bergh, Kathleen A. (2000), Associate Lecturer, M.Ed., University of Akron, 1985
- Blankemeyer, Maureen S. (1996), Associate Professor, Ph.D., Oklahoma State University, 1996
- Burgess, Sloan R. (2008), Associate Professor, Ph.D., Case Western Reserve University, 2007
- Chen, Ching-I (2014), Assistant Professor
- Cichy, Kelly E. (2008), Associate Professor, Ph.D., Pennsylvania State University, 2007
- Cimera, Robert E. (2007), Professor, Ph.D., University of Illinois-Urbana-Champaign, 1998
- Cowan, Richard J. (2003), Associate Professor, Ph.D., University of Nebraska, 2003
- Cox, Jane A. (2007), Associate Professor, Ph.D., Kent State University, 1997
- Dellmann-Jenkins, Mary M. (1981), Professor and School Director, Ph.D., University of Wisconsin-Madison, 1982
- Ferdig, Richard (2009), Professor, Ph.D., Michigan State University, 2000
- Guillot-Miller, Lynne M. (2003), Associate Professor, Ph.D., University of New Orleans, 2003
- Hallaman, Lisa M. (2007), Associate Lecturer, M.A., Kent State University, 1996
- Harjusola-Webb, Sanna M. (2006), Associate Professor, Ph.D., University of Kansas, 2006
- Hines, Laura A. (2000), Assistant Professor, Ph.D., Indiana University-Bloomington, 2000
- Ingram, Albert L. (1996), Associate Professor, Ph.D., Arizona State University, 1984
- Jencius, Martin J. (2000), Associate Professor, Ph.D., University of South Carolina, 1996
- Kenyon, Cynthia (2009), Lecturer, M.Ed., Kent State University, 2010
- Kritzer, Karen (2007), Associate Professor, Ph.D., University of Pittsburgh, 2007
- Kuo, Chia-Ling (2005), Associate Professor, Ph.D., Ohio University, 2005
- Liou, Chih-Ling (2014), Assistant Professor, Ph.D., Virginia Polytechnic Institute and State University, 2011
- Luft, Pamela J. (1995), Associate Professor, Ph.D., University of Illinois-Urbana-Champaign, 1995
- McCartney, Jamie L. (2007), Assistant Professor, Ph.D., University of Akron, 2004
- McGlothlin, Jason M. (2000), Associate Professor, Ph.D., Ohio University, 2001
- McWilliams-Woods, Wendy (1984), Assistant Professor, M.Ed., Kent State University, 1988
- Moore, Alma J. (2012), Lecturer, M.Ed., Malone University, 2004
- Morris, Bradley J. (2012), Associate Professor, Ph.D., The Ohio State University, 1998
- Morrison, Anne B. (1993), Professor, Ph.D., Kent State University, 2001
- Morsefield, Rebecca H. (1998), Associate Lecturer, M.Ed., Kent State University, 1997
- Mupinga, Emily E. (2008), Lecturer, M.S., Louisiana State University-Baton Rouge, 1999
- Novak, Elena (2015), Assistant Professor, Ph.D., Florida State University, 2012
- Osborn, Cynthia J. (1997), Professor, Ph.D., Ohio University, 1996
- Page, Betsy J. (1996), Associate Professor, Ed.D., University of Maine, 1996
- Pieper, Alicia (1969), Assistant Professor, M.A., Kent State University, 1968
- Rainey, John S. (2002), Assistant Professor, Ph.D., Texas A&M University, 2001
- Rumrill, Phillip D. (1996), Professor, Ph.D., University of Arkansas, 1983
- Sansosti, Frank J. (2006), Professor, Ph.D., University of South Florida, 2005
- Smith, Gregory C. (2001), Professor, Ph.D., University of Rochester, 1983
- Stevenson, Nathan (2015), Assistant Professor, Ph.D., Michigan State University, 2015
- Storlie, Cassandra A. (2013), Associate Professor, Ph.D., University of Iowa, 2013
- Tankersley, Melody J. (1993), Professor and Senior Associate Provost, Ph.D., University of Virginia, 1992
- Tobias, Scott A. (2009), Assistant Professor, D.Sci., University of Missouri, 2009
- Toepfer, Steven M. (2004), Associate Professor, Ph.D., The Ohio State University, 2001
- Walker, Kathleen K. (2002), Associate Professor, Ph.D., Kansas State University, 2002
- Wiley, Andrew L. (2008), Associate Professor, Ed.D., University of Virginia, 2008
- Wisdom, Sonya L. (2012), Associate Professor, Ph.D., Kent State University, 2010

School of Teaching, Learning and Curriculum Studies Faculty

- Bedrosian, Wendlyn K. (1998), Assistant Professor, Ph.D., Kent State University, 2004
- Bintz, William P. (2004), Professor
- Borgerding, Lisa (2007), Associate Professor, Ph.D., Indiana University-Bloomington, 2007
- Caniglia, Joanne C. (2008), Associate Professor, Ph.D., Kent State University, 1994
- Courtney, Scott A. (2010), Assistant Professor, Ph.D., Arizona State University, 2010
- Crowe, Alicia R. (2001), Professor, Ph.D., Vanderbilt University, 2001
• Dever, Robin (2007), Ph.D., Associate Professor, Kent State University, 2008
• Dowdy, Joanne K. (2001), Professor, Ph.D., University of North Carolina-Chapel Hill, 1997
• Froehlich, Larry G. (2002), Associate Professor, Ed.D., West Virginia University, 1984
• Gershon, Walter S. (2006), Associate Professor, Ph.D., University of California-Riverside, 2007
• Gorecki, Jennifer J. (2011), Assistant Professor, Og.D., University of South Carolina, 2000
• Gruhler, Danielle M. (1999), Associate Professor, Ph.D., Kent State University, 2004
• Hawley, Todd (2008), Associate Professor, Ph.D., University of Georgia, 2008
• Heron, Michele L. (2004), Assistant Professor, Ph.D., Kent State University, 2010
• Hollstein, Matthew S. (2015), Assistant Professor, Ph.D., Ohio University, 2015
• Hostler, Rochelle (2008), Lecturer, B.S.E., Kent State University, 2000
• Hutchins, Pamela K. (1993), Lecturer, M.Ed., Kent State University, 1992
• Irving, Sonya E. (2013), Assistant Professor, Ph.D., University of Illinois-Urbana-Champaign, 2014
• Kenyon, Elizabeth (2015), Assistant Professor, Ph.D., Michigan State University, 2015
• Kidder, Melanie K. (1995), Associate Lecturer, M.A., California State University-San Marcos, 2004
• Kim, Insook (2012), Associate Professor, Ph.D., The Ohio State University, 2011
• Kist, William (1992), Professor, Ph.D., Kent State University, 1999
• Knapp, Kathryn A. (2007), Assistant Professor, Ph.D., Kent State University, 2013
• Kosko, Karl W. (2012), Associate Professor, Ph.D., Virginia Polytechnic Institute and State University, 2010
• Kroeger, Janice (2002), Associate Professor, M.S., Eastern Illinois University, 1990
• Lash, Martha J. (2003), Associate Professor, M.S., Indiana University-Bloomington, 2004
• Miller-Marsh, Monica A. (2012), Associate Professor, Ph.D., University of Wisconsin-Madison, 1997
• Mitchell, Stephen A. (1992), Associate Professor, Ph.D., Syracuse University, 1992
• Monobe, Gumiko (2010), Associate Professor
• Morgan, Denise N. (2004), Associate Professor
• Mulvey, Bridget K. (2012), Associate Professor, Ph.D., University of Virginia, 2012
• Mupinga, Davison M. (2008), Associate Professor, Ph.D., Louisiana State University-Baton Rouge, 1999
• Myers, Casey Y. (2009), Assistant Professor, Ph.D., Kent State University, 2015
• Nurnberger-Haag, Julie (2015), Assistant Professor, Ph.D., Michigan State University, 2015
• O’Connor, Patrick J. (1988), Associate Professor, Ed.D., Virginia Polytechnic Institute and State University, 1982
• Pytash, Kristine E. (2006), Assistant Professor, Ph.D., Kent State University, 2009
• Rasinski, Timothy V. (1988), Professor, Ph.D., The Ohio State University, 1985
• Raven, Sara P. (2013), Assistant Professor, Ph.D., University of Georgia, 2013
• Sandmann, Alexa L. (2004), Professor and School Director, Ed.D., University of Cincinnati, 1990
• Sato, Takahiro (2010), Associate Professor
• Stoll, Julia A. (2000), Associate Professor, Ph.D., Kent State University, 2015
• Testa, Elizabeth A. (2013), Associate Professor, Ph.D., University of Akron, 2014
• Turner, Steven L. (2005), Associate Professor, Ph.D., University of Virginia, 2005
• Walton-Fisette, Jennifer L. (2008), Associate Professor, Ed.D., University of Massachusetts-Amherst, 2008
• Wilfong, Lori G. (2002), Associate Professor, Ph.D., Kent State University, 2006
• Zimmerman, Belinda S. (1992), Associate Professor, Ph.D., Kent State University, 2003

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 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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
Prerequisite: Special approval.
Schedule Type: Practicum or Internship
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: Practicum or Internship
Contact Hours: 3-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EHHS 49526  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. To enroll, students must have official valid certification of child safety training, approved basic life support and ALICE training presented to the campus office of clinical experience or designated faculty-staff at regional campuses.
Prerequisite: EPSY 29525 and ETEC 39525 and eligibility for student teaching.
Corequisite: HED 49525 and PEP 49525.
Schedule Type: Practicum or Internship
Contact Hours: 45 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

EHHS 50093  VARIABLE TOPIC WORKSHOP IN EDUCATION, HEALTH AND HUMAN SERVICES  1-4 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 other
Grade Mode: Satisfactory/Unsatisfactory-IP

School of Foundations, Leadership and Administration

Cultural Foundations (CULT)

CULT 29535  EDUCATION IN A DEMOCRATIC SOCIETY  3 Credit Hours
Students utilize readings, explore themes, broadly explore purposes of school in society and what knowledge, dispositions and performances are necessary to be a successful teacher today.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Education, TAG Education

CULT 39539  INTRODUCTION TO THE PHILOSOPHY OF EDUCATION  3 Credit Hours
An introduction to the philosophical analysis of educational problems focusing on the goals of education and the school's role in achieving these goals.
Prerequisite: Junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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. IP grade permissible.
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) (Cross-listed 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. S u graded.
Prerequisite: special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

CULT 49570  SOCIAL FOUNDATIONS OF MULTICULTURAL EDUCATION  3 Credit Hours
Explores the history, social context, and issues in multicultural education (formal PK12) 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 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 and special approval.
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 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
(Cross-listed 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 69560  CONTEMPORARY PHILOSOPHY OF EDUCATION  3 Credit Hours
(Cross-listed 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
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<td>Graduate standing and special approval.</td>
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- **Grade Mode**: Standard Letter
- **Contact Hours**: 3 lecture
- **Schedule Type**: Seminar
CULT 69595  SPECIAL TOPICS IN CULTURAL FOUNDATIONS  1-3
Credit Hours
(Repeatable for credit) (Cross-listed 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) (Cross-listed 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  1-15 Credit
Hours
(Repeatable for credit) (Cross-listed 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: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CULT 70093  VARIABLE TOPIC WORKSHOP IN CULTURAL
FOUNDATIONS  1-4 Credit Hours
(Repeatable for credit) (Cross-listed 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 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 79567  HISTORY OF HIGHER EDUCATION  3 Credit Hours
(Cross-listed with CULT 69567 and HIED 66600 and HIED 76600)
Overview and exploration of history of higher education in the
United States. Survey course covers ancient and medieval European
ancestors 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 79568  GREAT IDEAS IN EDUCATION  3 Credit Hours
(Cross-listed with CULT 69568) An examination of major influential ideas
in education through original sources from Plato to Skinner.
Prerequisite: doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 79569  INTERNATIONAL EDUCATION: FOUNDATIONAL ISSUES
3 Credit Hours
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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

CULT 79575  ANTHROPOLOGY AND EDUCATION  3 Credit Hours
(Cross-listed 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 inequality.
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 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: 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 60050) 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: Open to doctoral students from any field.
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: Doctoral standing; CULT 80199.
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 PROF 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

CULT 89571  COMPARATIVE AND INTERNATIONAL EDUCATION  3 Credit Hours
Comparative analysis of contemporary educational policies and structures in large- and small-scale societies throughout the world.
Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 89581  PROSEMINAR IN CULTURAL FOUNDATIONS  3 Credit Hours
Doctoral seminar to familiarize Ph.D students with cultural and social foundations of education as a field of study so that they may locate their inquiry within the relevant knowledge base and academic disciplines that comprise the cultural foundations of education. Prerequisite: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 89582  SOCIAL PERSPECTIVES OF EDUCATION  3 Credit Hours
(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: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CULT 89591  SEMINAR IN CULTURAL FOUNDATIONS  1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CULT 69591) 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: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-5 other
Grade Mode: Standard Letter

CULT 89592  ADVANCED PRACTICUM AND INTERNSHIP IN CULTURAL FOUNDATIONS  2-6 Credit Hours
(Repeatable for credit) (Cross-listed with CULT 69592) 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: doctoral standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 6-18 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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

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

CULT 89598  RESEARCH IN CULTURAL FOUNDATIONS  1-15 Credit Hours
(Repeatable for credit) (Cross-listed with CULT 69598) Students pursue an individual research project on a specific topic in cultural foundations 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

EDLE 40093  VARIABLE TITLE WORKSHOP IN EDUCATIONAL ADMINISTRATION  1-5 Credit Hours
(Repeatable for credit) (Cross-listed with EDLE 50093 and EDLE 70093) Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory

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

EDLE 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.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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: Practicum or Internship  
Contact Hours: 10-20 other  
Grade Mode: Satisfactory/Unsatisfactory/IP  

EDLE 66515  FACILITIES PLANNING AND ADMINISTRATION  3 Credit Hours  
(Slashed with 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 LAW AND SPECIAL EDUCATION  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 PRINCIPALSHP  3 Credit Hours  
(Slashed with EDLE 76525) Organizing and administering elementary, middle level and secondary schools.  
Prerequisite: EDLE 66525 or EDLE 76526; 16 hrs of EDLE; 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. This course is a requirement for the principal license and an elective course in EDLE.  
Prerequisite: Major in K-12 Educational Leadership (EDLE), Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) 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: Field Experience, Lecture  
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: Field Experience, Lecture  
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: Field Experience, Lecture
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 classroom curriculum.
Prerequisite: major in K-12 Educational Leadership (EDLE), Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) 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: Field Experience, Lecture
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: Field Experience, Lecture
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
Contact Hours: 3 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: Practicum or Internship
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory/IP

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 LAW AND SPECIAL EDUCATION  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
(Repeatable with EDLE 66520) Selected principles of constitutional, statutory, 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. This course is a requirement for the principal license.  
Prerequisite: major in K-12 Educational Leadership (EDLE), Higher 
Education and Student Personnel (EAHE) or Educational Administration- 
Higher Education (EDHE) 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 
broader social, political, cultural and economic contexts in creating 
transformative and revolutionary schools.  
Prerequisite: doctoral standing.  
Schedule Type: Field Experience, Lecture  
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: Field Experience, Lecture  
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 
ofice 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: Field Experience, Lecture  
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: Admission to an EDAD degree program or special approval 
from the instructor; 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: Field Experience, Lecture  
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 
thoretical contract 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: Field Experience, Lecture  
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: Field Experience, Lecture  
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: Dissertation  
Contact Hours: 15 other  
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
Educational Studies (EDST)

EDST 40095  SPECIAL TOPICS IN EDUCATIONAL STUDIES  1-3 Credit Hours
(Course is repeatable) Selected topics in Educational Studies dependent upon interest.  
Prerequisite: none.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter  

EDST 40096  INDIVIDUAL INVESTIGATION IN EDUCATIONAL STUDIES PROGRAM  1-3 Credit Hours
(Course is repeatable) 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  

EDST 44003  SEMINAR IN EDUCATIONAL 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  

EDST 44004  RESEARCH AND WRITINGS IN EDUCATIONAL 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  

EDST 44092  PRACTICUM IN EDUCATIONAL STUDIES (ELR)  1-12 Credit Hours
(Course is repeatable for a maximum of 12 credit hours) Placement in a work site congruent with student's career aspirations.  
Prerequisite: Educational Studies (EDST) majors; and senior standing; and special approval.  
Schedule Type: Practicum or Internship  
Contact Hours: 1-12 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
Attributes: Experiential Learning Requirement  

Evaluation and Measurement (EVAL)

EVAL 45610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with EVAL 55610 and EVAL 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  

EVAL 50093  VARIABLE TOPIC WORKSHOP EVALUATION AND MEASUREMENT  1-4 Credit Hours
(Repeatable once for a maximum of 6 credit hours) (Cross-listed with EVAL 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  

EVAL 55610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with EVAL 45610 and EVAL 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  

EVAL 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.  
Schedule Type: Masters Thesis  
Contact Hours: 2-6 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

EVAL 60299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.  
Prerequisite: EDPF 60199 and graduate standing.  
Schedule Type: Masters Thesis  
Contact Hours: 2 other  
Grade Mode: Satisfactory/Unsatisfactory-IP
EVAL 65510  STATISTICS I FOR EDUCATIONAL SERVICES  3 Credit Hours
(Cross-listed with EVAL 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

EVAL 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

EVAL 65515  QUANTITATIVE RESEARCH DESIGN AND ANALYSIS  3 Credit Hours
(Slashed with EVAL 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: EVAL 65510; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 65516  QUALITATIVE RESEARCH DESIGN  3 Credit Hours
(Slashed with EVAL 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

EVAL 65530  PRACTITIONER INQUIRY  3 Credit Hours
(Slashed with EVAL 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: none
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68710  CLASSICAL TEST THEORY  3 Credit Hours
(Cross-listed with EVAL 78710) Students develop an understanding of ideas and procedures related to classical test theory sufficient for test development and meaningful interpretation of results from standardized tests and other assessments.
Prerequisite: Graduate standing; EVAL 65510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68711  MODERN TEST THEORY: ITEM RESPONSE THEORY  3 Credit Hours
(Cross-listed with EVAL 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: graduate standing; and EVAL 65510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68713  MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH  3 Credit Hours
(Cross-listed with EVAL 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: graduate standing; and EVAL 65510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68714  FACTOR ANALYSIS IN EDUCATIONAL RESEARCH  3 Credit Hours
(Cross-listed with EVAL 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: graduate standing; and EVAL 65510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68715  SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION  3 Credit Hours
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: EVAL 65510; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EVAL 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: EVAL 65510, and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68728  MULTIPLE REGRESSION  3 Credit Hours
(Slashed with EVAL 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: EVAL 65510 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68735  STRUCTURAL EQUATION MODELING  3 Credit Hours
(Slashed with EVAL 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: EVAL 65510 and EVAL 68728; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 68745  HIERARCHICAL LINEAR MODELING  3 Credit Hours
(Slashed with EVAL 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: EVAL 65510 and EVAL 68728; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 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

EVAL 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

EVAL 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

EVAL 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

EVAL 68806  HIGHER EDUCATION DATA AND INSTITUTIONAL
  RESEARCH  3 Credit Hours
(Slashed with EVAL 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

EVAL 68807  PROGRAM EVALUATION  3 Credit Hours
(Slashed with EVAL 78807) 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
### EVAL 70093  VARIABLE TOPIC WORKSHOP IN EVALUATION AND MEASUREMENT  1-4 Credit Hours
(Repeatable for credit) (Cross-listed with EVAL 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.
**Prerequisite:** Doctoral standing and special approval.

**Schedule Type:** Workshop

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### EVAL 75510  STATISTICS I FOR EDUCATIONAL SERVICES  3 Credit Hours
(Cross-listed with EVAL 65510) 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

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### EVAL 75610  CLASSROOM ASSESSMENT  3 Credit Hours
(Slashed with EVAL 45610 and EVAL 65610) 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

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### EVAL 78710  CLASSICAL TEST THEORY  3 Credit Hours
(Cross-listed with EVAL 68710) Students develop an understanding of ideas and procedures related to classical test theory sufficient for test development and meaningful interpretation of results from standardized tests and other assessments.
**Prerequisite:** doctoral standing; and EVAL 65510.

**Schedule Type:** Lecture

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### EVAL 78711  MODERN TEST THEORY: ITEM RESPONSE THEORY  3 Credit Hours
(Cross-listed with EVAL 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:** doctoral standing; and EVAL 75510.

**Schedule Type:** Lecture

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### EVAL 78712  MULTIVARIATE ANALYSIS IN EDUCATIONAL RESEARCH  3 Credit Hours
(Cross-listed with EVAL 68712) 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:** doctoral standing; and EVAL 75510.

**Schedule Type:** Lecture

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### EVAL 78713  SURVEY DESIGN AND APPLIED RESEARCH IN EDUCATION  3 Credit Hours
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:** EVAL 65510 or EVAL 75510; and doctoral standing.

**Schedule Type:** Lecture

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### EVAL 78714  FACTOR ANALYSIS IN EDUCATIONAL RESEARCH  3 Credit Hours
(Cross-listed with EVAL 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:** doctoral standing; EVAL 75510.

**Schedule Type:** Lecture

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### EVAL 78715  STATISTICS II: ANOVA AND NONPARAMETRIC TESTS  3 Credit Hours
(Slashed with EVAL 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:** EVAL 65510 or EVAL 75510; and doctoral standing.

**Schedule Type:** Lecture

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EVAL 78728  MULTIPLE REGRESSION  3 Credit Hours
(Slashed with EVAL 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: EVAL 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 78735  STRUCTURAL EQUATION MODELING  3 Credit Hours
(Slashed with EVAL 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: EVAL 75510 and EVAL 78728; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 78745  HIERARCHICAL LINEAR MODELING  3 Credit Hours
(Slashed with EVAL 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: EVAL 75510 and EVAL 78728; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 78806  HIGHER EDUCATION DATA AND INSTITUTIONAL RESEARCH  3 Credit Hours
(Slashed with EVAL 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

EVAL 78807  PROGRAM EVALUATION  3 Credit Hours
(Slashed with EVAL 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

EVAL 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

EVAL 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

EVAL 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

EVAL 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: Doctoral standing; EVAL 80199.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EVAL 85515  QUANTITATIVE RESEARCH DESIGN AND ANALYSIS  3 Credit Hours
(Slashed with EVAL 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: EVAL 65510 or 75510; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EVAL 85516  QUALITATIVE RESEARCH DESIGN  3 Credit Hours
(Slashed with EVAL 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

EVAL 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: EVAL 85515 and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 85518  ADVANCED QUANTITATIVE 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: EVAL 85516 and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 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: EVAL 85515 and EVAL 85516; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 85530  PRACTITIONER INQUIRY  3 Credit Hours
(Slashed with EVAL 65530) 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: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 85540  GROUNDED THEORY AND PHENOMENOLOGICAL RESEARCH  3 Credit Hours
This course prepares students to engage in and argue for phenomenological research and grounded theory research. It provides an overview of the history, theoretical, and practical background related to various forms of phenomenological and grounded theory research. Research design, data collection and analysis are explored and practiced. Students will critique phenomenological and grounded theory research and design their own study or pilot a study of one of the two types.
Prerequisite: EVAL 85516; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 85560  CRITICAL SOCIAL RESEARCH  3 Credit Hours
Critical social research refers to a diverse set of approaches to research that employ a critical ontological and epistemological lens. Critical researchers work from sets of assumptions about power in the social world articulated by some form of critical theory. This graduate course surveys a range of approaches to critical social research, engaging students in learning about the theoretical foundations and inquiry methods of these diverse approaches.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVAL 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

EVAL 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

EVAL 88796  INDIVIDUAL INVESTIGATION IN EVALUATION AND MEASUREMENT  1-3 Credit Hours
(Repeatable for credit) Individual investigation 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

EVAL 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
## 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 66093 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

(Repeatable for a maximum of 12 credit hours) (Cross-listed with HIED 76492) 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:** graduate standing.

**Schedule Type:** Practicum or Internship

**Contact Hours:** 10-20 other

**Grade Mode:** Satisfactory/Unsatisfactory-IP

### HIED 66521 EMPLOYMENT LAW
3 Credit Hours

(Cross-listed with HIED 76521) Study of public and private sector bargaining law and all terms and conditions of employment.

**Prerequisite:** Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) 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 66558) This advanced leadership seminar is designed to provide 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 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:** Graduate standing; and at least 12 hours in higher education; and special approval.

**Schedule Type:** Practicum or Internship

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter-S/U-IP

### HIED 66595 SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION
3 Credit Hours

(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
2-4 Credit Hours

(Repeatable for credit) Projects as assigned.

**Prerequisite:** graduate standing and special approval.

**Schedule Type:** Individual Investigation

**Contact Hours:** 2-4 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 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

### HIED 66601 THE PRIVATE LIBERAL ARTS COLLEGE
3 Credit Hours

(Cross-listed 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:** major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) or special approval from the instructor and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

### HIED 66651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION ADMINISTRATION
3 Credit Hours

(Cross-listed 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
(Cross-listed 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
(Cross-listed with HIED 76653) Study of theories concerning the development of college students and other adults, and principles for translating theory into practice.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66654 STUDENTS AND THE COLLEGE ENVIRONMENT 3 Credit Hours
(Cross-listed with HIED 76654) Study of the impact of different types of students and college environments on each other, within the context of a changing society.
Prerequisite: HIED 6/76653 and special approval of instructor and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours
(Cross-listed with HIED 76655) Study of management responsibilities and leadership issues of student affairs administrators.
Prerequisite: HIED 66652 and 66653 and 66657 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66656 HIGHER EDUCATION CURRICULUM 3 Credit Hours
(Cross-listed with HIED 76656) Introduces perspectives on curriculum development, implementation and assessment in higher education and 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
(Cross-listed 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.
Prerequisite: major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66658 THE COMMUNITY COLLEGE 3 Credit Hours
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
(Cross-listed 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
(Cross-listed with HIED 76662) This 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.
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
Provides a comprehensive overview of the historical, contemporary, and scholarly perspectives on women students, faculty, administrators, and staff. We explore why and how women and men experience higher education differently, by drawing on historical, cultural, and psychological contexts, feminist theoretical and research perspectives, and scholarly contributions. As we do, we amplify voices from across identity groups, observing that there is not a homogeneous "woman in higher education." Likewise, we are sensitive to how consideration of 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. Not only explores these issues through various media in class, but students also have the opportunity to investigate a problem of their choice in order to bring the content to life.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66664 SERVICE LEARNING IN HIGHER EDUCATION 3 Credit Hours
Examines the concepts, debate, and principles of practice of service-learning in U.S. higher education. Focus is on developing knowledge about service-learning and enhancing skills and competencies for designing service-learning opportunities in higher education, and involves an active, experiential component. Additionally, as a class, we investigate (problem-based) service-learning along a continuum of action to discern how it contributes to individual's civic efficacy.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 66665 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 will 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 will 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 will be a significant component of this course. Moderate experience with office productivity software is strongly advised.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66666 FINANCIAL MANAGEMENT IN HIGHER EDUCATION 3 Credit Hours
(Cross-listed with HIED 76666) This course is designed to provide students of higher education with the knowledge of 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 66667 BUSINESS ADMINISTRATION IN HIGHER EDUCATION 3 Credit Hours
(Cross-listed with HIED 76667) This course introduces students to the administrative and business management of institutions of higher education. The course covers topics such as institutional planning, space management, insurance matters, personnel administration, purchasing and facility management.
Prerequisite: HIED 6/76657 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66669 ADMINISTRATION OF STUDENT DISABILITY SERVICES IN HIGHER EDUCATION 3 Credit Hours
(Cross-listed 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 66670 INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS 3 Credit Hours
(Cross-listed with HIED 76670) Students study the historical and current development of the internationalization of higher education institutions; explore higher education administrative leadership characteristics, social/political/economic factors, and national and international relationships that have affected various countries and regions; and 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: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66671 THE ADMINISTRATION OF MULTICULTURALISM AND DIVERSITY IN HIGHER EDUCATION 3 Credit Hours
(Cross-listed 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: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66672 INTERNATIONAL STUDENTS AND AMERICAN COLLEGES 3 Credit Hours
(Cross-listed with HIED 76672) Bridging 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: 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
(Cross-listed 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 will be thoroughly discussed.
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 66674  COMPARATIVE HIGHER EDUCATION  3 Credit Hours
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: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) 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
Participants examine the many critical aspects of designing, planning and implementing an education abroad program; analyze its components, 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, safety issues and more. 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
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, as relevant.
Prerequisite: 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
Within the context of social, economic, and technology shifts, this course examines the role of the community college in workforce, economic and community development.
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
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
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 or HIED 76653; and graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66673  INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS  3 Credit Hours
(Cross-listed with HIED 76673) Participants work in task groups learning 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 US HIGHER EDUCATION  3 Credit Hours
(Slashed with HIED 76745) Examines issues of equity and justice in US higher education, including historical origins, access to higher education, students' experiences within colleges and universities, and outcomes of higher education. 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 EVALUATION IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours
(Cross-listed with HIED 76749) This course is designed to provide an understanding of current assessment and evaluation methods in higher education settings. Topics will span from individual classroom assessment through institutional accreditation processes.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 66771  PLANNING AND IMPLEMENTING STUDY ABROAD WHILE STUDYING ABROAD 3 Credit Hours
Learn the principles and practice of designing and delivering effective study abroad programs through Kent State University's unique overseas relationships at our campus in Florence, Italy. Participants observe summer programs, will study the principles of developing effective study abroad experiences; meet with university program officials, faculty, facility support staff, as well as private third-party providers of study abroad, community and onsite support services such as legal advisors, health professionals and housing offices.
Prerequisite: Graduate standing.
Schedule Type: 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) (Cross-listed 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: Practicum or Internship
Contact Hours: 10-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 76521  EMPLOYMENT LAW 3 Credit Hours
(Cross-listed with HIED 66521) Study of public and private sector bargaining law and all terms of employment. Doctoral standing.
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76594  INTERNSHIP IN COLLEGE TEACHING 3 Credit Hours
(Repeatable for credit) (Slashed with HIED 66594) 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: Doctoral standing; and at least 12 hours in higher education; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter-S/U-IP

HIED 76595  SPECIAL TOPICS IN HIGHER EDUCATION ADMINISTRATION 3 Credit Hours
(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 2-4 Credit Hours
(Repeatable for credit) Projects as assigned.
Prerequisite: doctoral standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-4 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 and 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 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

HIED 76601  THE PRIVATE LIBERAL ARTS COLLEGE 3 Credit Hours
(Cross-listed 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. Doctoral standing.
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) or special approval from the instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HIED 76651 STUDENT AFFAIRS FUNCTIONS IN HIGHER EDUCATION  
3 Credit Hours  
(Cross-listed 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  
(Cross-listed 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  
(Cross-listed with HIED 66653) Study of theories concerning the development of college students and other adults, and principles for translating theory into practice.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HIED 76654 STUDENTS AND THE COLLEGE ENVIRONMENT  
3 Credit Hours  
(Cross-listed with HIED 66654) Study of the impact of different types of students and college environments on each other, within the context of a changing society.  
Prerequisite: HIED 6/76653 and special approval of the instructor and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HIED 76655 CASE STUDIES IN HIGHER EDUCATION ADMINISTRATION  
3 Credit Hours  
(Cross-listed 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  
(Cross-listed 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  
(Cross-listed 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. Doctoral standing.  
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) or special approval from the instructor.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HIED 76658 THE COMMUNITY COLLEGE  
3 Credit Hours  
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  
(Cross-listed 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  
(Cross-listed with HIED 66662) This 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.  
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  
Provides a comprehensive overview of the historical, contemporary, and scholarly perspectives on women students, faculty, administrators, and staff. We explore why and how women and men experience higher education differently, by drawing on historical, cultural, and psychological contexts, feminist theoretical and research perspectives, and scholarly contributions. As we do, we amplify voices from across identity groups, observing that there is not a homogeneous "woman in higher education." Likewise, we are sensitive to how consideration of 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. Not only explores these issues through various media in class, but students also have the opportunity to investigate a problem of their choice in order to bring the content to life.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
HIED 76664 SERVICE LEARNING IN HIGHER EDUCATION 3 Credit Hours
Examines the concepts, debate, and principles of practice of service-learning in U.S. higher education. Focus is on developing knowledge about service-learning and enhancing skills and competencies for designing service-learning opportunities in higher education, and involves an active, experiential component. Additionally, as a class, we investigate (problem-based) service-learning along a continuum of action to discern how it contributes to individual's civic efficacy.
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 6665) Exploration of technology, systems, and data analysis essential to the practice of higher education administration. Students will 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 will 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 will be a significant component of this course. Moderate experience with office productivity software is strongly advised.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76666 FINANCIAL MANAGEMENT IN HIGHER EDUCATION 3 Credit Hours
(Cross-listed with HIED 66666) This course is designed to provide students of higher education with the knowledge of 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
(Cross-listed with HIED 66667) This course introduces students to the administrative and business management of institutions of higher education. The course covers topics such as institutional planning, space management, insurance matters, personnel administration, purchasing and facility management.
Prerequisite: HIED 6/76657 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
(Cross-listed 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
(Cross-listed with HIED 66670) Students study the historical and current development of the internationalization of higher education institutions; explore higher education administrative leadership characteristics, social/political/economic factors, and national and international relationships that have affected various countries and regions; and 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: 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
(Cross-listed 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76672 INTERNATIONAL STUDENTS AND AMERICAN COLLEGES 3 Credit Hours
(Cross-listed with HIED 66672) Bridging 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: 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
(Cross-listed 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 will be thoroughly discussed. Doctoral standing.
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) or special approval from the instructor.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76674 COMPARATIVE HIGHER EDUCATION 3 Credit Hours
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: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) 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
Participants examine the many critical aspects of designing, planning and implementing an education abroad program; analyze its components, 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, safety issues and more. 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
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, as relevant.
Prerequisite: 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
Within the context of social, economic, and technology shifts, this course examines the role of the community college in workforce, economic and community development.
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
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: Seminar
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 66653 or HIED 76653; and graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 76733 INTERPERSONAL AND GROUP DYNAMICS IN EDUCATIONAL ORGANIZATIONS 3 Credit Hours
(Cross-listed with HIED 66733) Participants work in task groups learning about interpersonal, group and intergroup 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 US HIGHER EDUCATION    3 Credit Hours
(Slashed with HIED 66745) Examines issues of equity and justice in US higher education, including historical origins, access to higher education, students’ experiences within colleges and universities, and outcomes of higher education. 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 EVALUATION IN HIGHER EDUCATION    3 Credit Hours
(Cross-listed 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 individual classroom assessment through institutional accreditation processes.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 80800  DISSERTATION PREPARATION SEMINAR    3 Credit Hours
Gain an in-depth understanding of the dissertation writing process. Complete dissertation proposal.
Prerequisite: doctoral standing and special approval.
Schedule Type: Seminar
Contact Hours: 3 lecture
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: 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.
Prerequisite: HIED 80199 and doctoral standing.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HIED 86558  ADVANCED EDUCATIONAL LEADERSHIP    3 Credit Hours
(Slashed with HIED 66558) This advanced leadership seminar is designed to provide 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 6/76657; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HIED 86559  ADVANCED STUDENT AND ADULT DEVELOPMENT    3 Credit Hours
Helps develop an in-depth understanding of one or more current theories of student or adult development. Students will gain additional knowledge in student development theory and theory creation.
Prerequisite: Major in Higher Education and Student Personnel (EAHE) or Educational Administration-Higher Education (EDHE) or special approval of the instructor; HIED 6/76653, doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Hospitality Management (HM)

HM 13022  SANITATION AND SAFETY PRINCIPLES AND PRACTICES    3 Credit Hours
Food safety and sanitation practices for restaurants and foodservices as related to foodborne illness prevention, food purchasing, receiving, storage, preparation, cooling and heating practices, and sanitation of dishes and overall facility. HACCP plans, microbiological concerns related to foods, government regulations and inspections, and employee safety and accident prevention are covered.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HM 13023  TECHNIQUES OF FOOD PRODUCTION    6 Credit Hours
Commercial food production principles for milk, cheese, eggs, produce, grains, meats, poultry and fish are covered. Sauces, soups, salads, entrees, side dishes and desserts are prepared with an emphasis on food quality and safety, effective equipment use, work planning and simplification, recipe standardization, pricing and presentation.
Prerequisite: HM 13022; and hospitality management (HSPM) major.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 6 lab
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HM 13024  INTRODUCTION TO HOSPITALITY MANAGEMENT    3 Credit Hours
Career opportunities and the scope, development and history of the hospitality industry. Introduction to management in the hospitality industry including food service, lodging and tourism.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: CTAG Culinary and Food Service

HM 21095  SPECIAL TOPICS IN HOSPITALITY MANAGEMENT    1-4 Credit Hours
(Repeatable for a maximum of 8 credit hours) 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
HM 23012  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. Course includes lecture and lab components.
    Prerequisite: NUTR 23511.
    Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
    Contact Hours: 2 lecture, 3 lab
    Grade Mode: Standard Letter
    Attributes: TAG Health

HM 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: None.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter
    Attributes: CTAG Culinary and Food Service

HM 23510  QUANTITY FOOD PRODUCTION, SERVICE AND SAFETY  3 Credit Hours
(Slashed 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. A laboratory is included in the course.
    Prerequisite: NUTR 23112.
    Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
    Contact Hours: 2 lecture, 3 lab
    Grade Mode: Standard Letter

HM 33020  LEGAL ISSUES IN THE HOSPITALITY 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: Junior standing.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33026  HOSPITALITY COST CONTROL AND ANALYSIS  3 Credit Hours
Prepares students to analyze and control costs encountered in hospitality operations. Includes computer applications, math drills and simulations.
    Prerequisite: MIS 24053 and ACCT 23020 and HM 13023.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33028  HOSPITALITY PURCHASING  3 Credit Hours
Emphasis on the selection of food, goods and services for the management of hospitality organizations. Emphasis is placed on product identification, grading and quality standards.
    Prerequisite: HM 13023.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33029  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: HM 33026.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33030  FOOD, WINE AND BEVERAGE PAIRING  3 Credit Hours
Provides knowledge of the sensory relationship of wine, beer and other spirits and the important role this process has on hospitality operations. Topics include 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.
    Prerequisite: none.
    Schedule Type: Combined Lecture and Lab
    Contact Hours: 2 lecture, 2 lab
    Grade Mode: Standard Letter

HM 33036  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: Junior standing.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33040  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: HM 23030 and junior standing.
    Schedule Type: Lecture
    Contact Hours: 3 lecture
    Grade Mode: Standard Letter

HM 33050  PROFESSIONAL PRACTICE IN HOSPITALITY MANAGEMENT  1 Credit Hour
Preparation of students for professional work experiences in hospitality management. Career development and professional workplace issues are addressed.
    Prerequisite: Junior standing and meet hospitality management professional study requirements.
    Schedule Type: Lecture
    Contact Hours: 1 lecture
    Grade Mode: Standard Letter
HM 33070  INTERNATIONAL CUISINE  4 Credit Hours  
Provides comprehensive coverage of cuisines found throughout the world, not only through recipes and techniques but also through coverage of the history, culture, geography, religion, and locally grown ingredients that influence these various cuisines. The intent is to increase learning and retention through repetitive practice cooking, using recipes steeped in culinary history and culture from around the world.  
Prerequisite: sophomore standing.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 1.5 lecture, 5 lab  
Grade Mode: Standard Letter  

HM 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 additional emphasis will be placed on advanced decorating and finishing techniques, yeast beads, sweet doughs, cakes, tortes, chocolate work.  
Prerequisite: none.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2.5 lecture, 1 lab  
Grade Mode: Standard Letter  

HM 37777  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 responsibility gaming. Casino environments are experienced through on-site visitations. Funds for travel are the student's responsibility, and 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  

HM 41093  VARIABLE TOPIC WORKSHOP IN HOSPITALITY MANAGEMENT  1-3 Credit Hours  
(Repeatable for credit) Workshop setting dealing with a topic or topics in hospitality 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  

HM 41095  SPECIAL TOPICS IN HOSPITALITY MANAGEMENT  1-4 Credit Hours  
(Repeatable for credit) Discussion of a major topic within a specific field of hospitality management.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 1-4 lecture  
Grade Mode: Standard Letter  

HM 41096  INDIVIDUAL INVESTIGATION  1-3 Credit Hours  
(Repeatable for credit) Independent study in hospitality management.  
Prerequisite: Written permission from instructor.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter  

HM 43025  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: HM 13023 and MIS 24163 and MKTG 25010.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HM 43027  HOSPITALITY HUMAN RESOURCE MANAGEMENT (WIC)  3 Credit Hours  
(Cross-listed with HM 53027) Application of human resource management principles, practices, theories and legal issues relevant to hospitality organizations. Hospitality management focused case studies are incorporated.  
Prerequisite: HM 13023 and MIS 34180.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Writing Intensive Course  

HM 43029  HOSPITALITY FINANCIAL POLICY  3 Credit Hours  
(Slashed with HM 53029) 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: HM 33026.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: Writing Intensive Course  

HM 43030  FOOD SERVICE SYSTEMS MANAGEMENT  3 Credit Hours  
(Slashed with HM 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: HM 23012 or NUTR 23012; and HM 23510 or NUTR 23510.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
Attributes: TAG Health  

HM 43031  LAYOUT AND DESIGN OF FOOD SERVICE OPERATIONS  3 Credit Hours  
Analysis and planning for the layout and design of commercial food service operations. Includes basic principles of design; space analysis; and equipment use, care, selection and layout for food service facilities based on the financial performance of the operation; food codes and related regulations. An appreciation for engineering and architecture concerns pertaining to food service operations is developed.  
Prerequisite: HM 33026.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
HM 43035  HOSPITALITY SERVICE QUALITY MANAGEMENT  3 Credit Hours
(Slashed with HM 53035) 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: MIS 24163.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HM 43040  STRATEGIC HOTEL MANAGEMENT  3 Credit Hours
(Cross-listed with HM 53040) 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: HM 23030 and HM 33026.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

HM 43043  HOSPITALITY MEETINGS MANAGEMENT  3 Credit Hours
(Cross-listed with HM 53043) 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: HM 23030 and HM 33026.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HM 43092  PRACTICUM IN HOSPITALITY MANAGEMENT (ELR)  3-6 Credit Hours
(Repeatable for a total of 6 credit hours) 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. Repeatable for a total of 6 credits.
Prerequisite: HM 33050 and junior or senior standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 19-37 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

HM 43192  HOSPITALITY MEETINGS MANAGEMENT PRACTICUM (ELR)  2 Credit Hours
(Slashed with HM 53044) Practical experience in a hospitality establishment related to: inside and outside event sales, event management, guest services, food and beverage management, event staff scheduling, banquet operations, maintenance and housekeeping related to events.
Corequisite: HM 43043.
Schedule Type: Practicum or Internship
Contact Hours: 6 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

HM 51092  HOSPITALITY AND TOURISM MANAGEMENT PROFESSIONAL PRACTICUM  3 Credit Hours
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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
Prerequisite: graduate standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory/IP

HM 53025  HOSPITALITY MARKETING  3 Credit Hours
(Cross-listed with HM 53025) 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: Special approval and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HM 53027  HOSPITALITY HUMAN RESOURCE MANAGEMENT  3 Credit Hours
(Cross-listed with HM 43027) 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: Special approval and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HM 53029  HOSPITALITY FINANCIAL POLICY  3 Credit Hours
(Cross-listed with HM 43029) 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: Special approval and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HM 53030  FOOD SERVICE SYSTEMS MANAGEMENT  3 Credit Hours  
(Slashed with HM 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 foodservice including financial control, marketing, quality, management, leadership, and human resources.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HM 53035  HOSPITALITY SERVICE QUALITY MANAGEMENT  3 Credit Hours  
(Slashed with HM 43035) 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  

HM 53040  STRATEGIC HOTEL MANAGEMENT  3 Credit Hours  
(Cross-listed with HM 43040) 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: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

HM 53043  HOSPITALITY MEETINGS MANAGEMENT  3 Credit Hours  
(Cross-listed with HM 43043) 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: Special approval and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HM 53192  HOSPITALITY MEETINGS MANAGEMENT PRACTICUM  2 Credit Hours  
(Slashed with HM 43192) Practical experience in a hospitality establishment related to: inside and outside event sales, event management, guest services, food and beverage management, event staff scheduling, banquet operations, maintenance and housekeeping related to events.  
Prerequisite: special approval and graduate standing.  
Corequisite: HM 53043.  
Schedule Type: Practicum or Internship  
Contact Hours: 2 lab  
Grade Mode: Standard Letter  

HM 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  

HM 61198  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: Masters Thesis  
Contact Hours: 2-6 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

HM 61299  THESIS II  2 Credit Hours  
(Repeatable for credit) Thesis students register for a total of 6 credit hours, 2 to 6 hours in a single semester, distributed over several semesters if desired.  
Prerequisite: HM 61199 and graduate standing.  
Schedule Type: Masters Thesis  
Contact Hours: 2 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

HM 63022  CURRENT ISSUES IN HOSPITALITY AND TOURISM MANAGEMENT  3 Credit Hours  
Current research and management issues in hotels, resorts, restaurants, clubs and other hospitality operations are explored through the peer-reviewed and professional literature. Current tourism topics with implications for hospitality managers are included.  
Prerequisite: graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

HM 63024  MANAGEMENT OF FOOD AND NUTRITION SERVICES  3 Credit Hours  
Management issues in healthcare, food and nutrition services, child nutrition programs and other noncommercial food services will be examined. The impact of quality standards, public policy and current societal trends upon management of noncommercial operations will be studied.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
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 26001  INTRODUCTION TO COMMUNITY INCLUSION FOR INDIVIDUALS WITH DISABILITIES  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

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  RECREATION GROUP LEADERSHIP  3 Credit Hours
Group leadership concepts, methods and techniques. Practical experience in planning and conducting recreational activities for a variety of populations.
Pre/corequisite: RPTM 16000.
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, including tourism technologies, cultural and natural environments as attractions, benefits of 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 36010 RECREATION, LEISURE AND AGING 3 Credit Hours
Knowledge and understanding of leisure and aging. Planning and implementing recreation programs and activities for enriching the lives of older persons.
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 36060 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 PROGRAM DESIGN AND EVALUATION 3 Credit Hours
Programming leisure services within a socio-cultural context, involving understanding and assessing client behavior and needs, proficiency in program design and implementation, and knowledge of evaluation methods reflective of a service-centered and benefits approach.
Prerequisite: 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: RPTM 26081.
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: RPTM 26081.
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

RPTM 36192 PRACTICUM IN RECREATION, PARK AND TOURISM MANAGEMENT (ELR) 1 Credit Hour
(Repeatable for credit) A 60-hour field experience in a recreation, park, or tourism setting. Must be approved by instructor prior to registration.
Prerequisite: RPTM 16000; and special approval; and recreation, park and tourism management (RPTM) major or Park Management (PMM) minor or Recreation Management (RMM) minor or Tourism Management (TMM minor) or Event Planning (EVPL) minor.
Schedule Type: Practicum or Internship
Contact Hours: 4 other
Grade Mode: Satisfactory/Unsatisfactory/IP
Attributes: Experiential Learning Requirement

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) (Slashed with SRM 55031) 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 46000  TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL  3 Credit Hours
(Cross-listed with GEOG 42040) 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 46001  PRINCIPLES AND METHODS OF COMMUNITY INCLUSION  3 Credit Hours
(Slashed with SRM 56001) 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: RPTM 26001.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

RPTM 46060  ADMINISTRATION OF LEISURE SERVICES  3 Credit Hours
(Repeatable for a maximum of 9 credit hours) 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 36075 and 36192.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RPTM 46070  PARK PLANNING  3 Credit Hours
(Cross-listed with SRM 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 and 36040.
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: junior standing; and recreation, park and tourism management (RPTM) major; and RPTM 36092 or RPTM 36192; and special approval.
Schedule Type: Seminar
Contact Hours: 1 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RPTM 46092  INTERNSHIP IN RECREATION (ELR)  12 Credit Hours
(Repeatable for credit) Supervised full-time experience providing knowledge of overall agency operation in approved leisure setting.
Prerequisite: senior standing and RPTM 46091 and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 40 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

Sport and Recreation Management (SRM)

SRM 53093  VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with CI 53093) Workshop in exercise, leisure and sport studies topics vary. Maximum 4 hours may be applied to degree.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

SRM 55022  EVENT PLANNING AND PRODUCTION  3 Credit Hours
(Cross-listed with SPAD 45022) Students will learn the proper planning process that all sport events undergo. Students will then apply these concepts in actual events that they develop and hold.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SRM 55023  MARKETING AND PROMOTIONS IN SPORT AND RECREATION  3 Credit Hours
Analysis of marketing from a sport and recreation manager's perspective. Emphasis on marketing strategy and tactics in sport and recreation systems. Extensive use of case studies.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SRM 55024  SPORT IN GLOBAL PERSPECTIVE  3 Credit Hours  
(Slashed with SPAD 45024) This course is designed to encourage 
students to critically analyze how sport relates to general features of 
globalization and to provide insight into the connection between global 
and local politics (including ethnic, religious, gender, environmental and 
sociopolitical 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  

SRM 55026  SPORT AND THE MEDIA  3 Credit Hours  
(Cross-listed with SPAD 45026) Course offers an introduction to current 
and 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 our culture 
more generally. As such 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  

SRM 55029  HISTORY AND CURRENT ISSUES IN COLLEGIATE 
ATHLETICS  3 Credit Hours  
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  

SRM 55031  SPORT TOURISM  3 Credit Hours  
(Slashed with RPTM 45031 and SPAD 45031) Incorporates both 
thoretical 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  

SRM 55032  SALES MANAGEMENT IN SPORT AND ENTERTAINMENT 
3 Credit Hours  
Designed to introduce students to the area of sales-force management 
in sport and entertainment. Historical, theoretical and conceptual 
frameworks will be thoroughly examined, as well as functions, activities, 
and skills of the professional salesperson in this modern age of 
information and technology.  
Prerequisite: graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SRM 55033  CHANGE YOUR MIND, GAME AND LIFE  1 Credit Hour  
Focuses on mental training to enhance sport performance and also it 
provides personal growth experiences that impact all of life. The course 
is designed to assist students in tapping into their inner potential by 
refocusing their mind. It teaches students that they are responsible 
for their own life experiences. Students learn that the things they want 
most in their lives are found within themselves and that they can take 
responsibility for their upsets.  
Prerequisite: graduate standing.  
Schedule Type: Lecture  
Contact Hours: 1 lecture  
Grade Mode: Standard Letter  

SRM 56000  TOURISM DEVELOPMENT AND RECREATIONAL TRAVEL  
3 Credit Hours  
Investigation of travel and tourism development using an interdisciplinary 
social science approach. Graduate standing.  
Prerequisite: RPTM 36060.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SRM 56001  PRINCIPLES AND METHODS OF COMMUNITY INCLUSION  
3 Credit Hours  
(Storm with RPTM 46030) 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  

SRM 56028  SPORT IN FILM  3 Credit Hours  
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  

SRM 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 36075; and graduate standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SRM 56060  ADMINISTRATION OF LEISURE SERVICES  3 Credit Hours  
Administrative practices of private and public leisure service agencies. 
Organization, philosophy, personnel and fiscal management, public 
relations and legal concerns will be examined. Graduate standing.  
Prerequisite: RPTM 36040, 36075, 36092 or 36192.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
SRM 56070  PARK PLANNING  3 Credit Hours
(Cross-listed 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: RPTM 36040 and 36075; graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SRM 56080  LEGAL ISSUES IN SPORT AND RECREATION  3 Credit Hours
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

SRM 63018  ETHICS IN EXERCISE, LEISURE AND SPORT  3 Credit Hours
(Repeatable for credit) (Cross-listed with ATTR 63018 and ATTR 73018) Examination of selected situations in exercise, leisure and sport from an ethical reasoning perspective. A problem-oriented case study approach based upon contemporary moral issues and moral theory.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SRM 63065  RESEARCH SEMINAR  1 Credit Hour
(Repeatable for credit) (Cross-listed with ATTR 63065 and ATTR 73065) 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

SRM 63095  RESEARCH SEMINAR  1 Credit Hour
(Repeatable for credit) (Cross-listed with ATTR 63095 and ATTR 73095 and EXPH 63095 and EXPH 73095 and SRM 73095) 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

SRM 63098  RESEARCH  1-15 Credit Hours
(Repeatable for credit) (Cross-listed with ATTR 63098 and EXPH 63098 and EXPH 83098) Research or individual investigation.
Prerequisite: Graduate standing.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-S/U-IP

SRM 63186  SPECIAL TOPICS IN EXERCISE, LEISURE AND SPORT  1-3 Credit Hours
(Repeatable for credit) Selected and varied topics of relevance in exercise, leisure and sport.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SRM 63195  SPECIAL TOPICS IN EXERCISE, LEISURE AND SPORT  1-3 Credit Hours
(Repeatable for credit) Selected and varied topics of relevance in exercise, leisure and sport.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SRM 63199  THESIS I  2-6 Credit Hours
(Cross-listed with ATTR 63199 and EXPH 63199) 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

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

SRM 65006  CONTEMPORARY ISSUES IN SPORT MANAGEMENT  3 Credit Hours
(Repeatable for credit) 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

SRM 65008  SOCIOLGY OF SPORT AND PHYSICAL ACTIVITY  3 Credit Hours
(Repeatable for credit) Sociological analysis of sport and physical activity with a theoretical and empirical perspective.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SRM 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

SRM 65033  LEGAL ISSUES IN SPORT AND RECREATION  3 Credit Hours
Provides students with a basic understanding of tort, contract and constitutional law in relation to sport and leisure.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SRM 65034  CONTEMPORARY SPORT LAW  3 Credit Hours
(Slashed with SRM 75034) Legal principles of antitrust law, injunctions, labor law and agency in sport, with a focus on professional sports.
Prerequisite: SRM 65033 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SRM 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

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

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

SRM 65040  SPORT ECONOMICS  3 Credit Hours
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

SRM 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: RPTM 46000 or ELS 56000; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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

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

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

SRM 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

SRM 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. 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

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

SRM 65092  INTERNSHIP IN SPORT AND RECREATION MANAGEMENT  2-4 Credit Hours
(Repeatable for credit)Field experience involving supervised contact with sport and recreation administrators. Students will work as an under study with these administrators in all phases of their positions.
Prerequisite: Graduate standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 13-27 other
Grade Mode: Standard Letter-IP
SRM 65792  INTERNSHIP: SPORT STUDIES  1-4 Credit Hours  
(Repeatable for credit) Supervised field experience in a sport, recreation, or physical education setting. 100 hours of involvement per credit. Students may be 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: Practicum or Internship  
Contact Hours: 7-27 other 
Grade Mode: Satisfactory/Unsatisfactory/IP  

SRM 73018  ETHICS IN EXERCISE, LEISURE AND SPORT  3 Credit Hours  
(Slashed with SRM 63018) Examination of selected situations in exercise, leisure and sport from an ethical reasoning perspective. A problem-oriented, case study approach based upon contemporary moral issues and moral theory. 
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

SRM 73095  RESEARCH SEMINAR  1 Credit Hour  
(Repeatable for credit) (Cross-listed with ATTR 63095 and ATTR 73095 and EXPH 63095 and EXPH 73095 and SRM 63095) 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  

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

SRM 75008  SOCIOLOGY OF SPORT AND PHYSICAL ACTIVITY  3 Credit Hours  
(Slashed with SRM 65008) Sociological analysis of sport from a theoretical and empirical perspective. 
Prerequisite: SRM 65006 or SRM 75006; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

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

SRM 75038  SPORT PROMOTION AND FUNDRAISING  3 Credit Hours  
Analysis of contemporary sports promotions strategies, as well as fund raising tactics. 
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

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

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 15015  ORIENTATION TO PROFESSIONAL GOLF MANAGEMENT  1 Credit Hour  
An overview of opportunities and responsibilities in the golf profession. Emphasis on concepts, techniques and practices of teaching golf skills; understanding the PGA Constitution, rules of golf, tournament golf operations and golf car fleet management. 
Prerequisite: Special approval.  
Schedule Type: Lecture  
Contact Hours: 1 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 management setting.
Prerequisite: special approval from instructor.
Schedule Type: Practicum or Internship
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 SPAD 25015 and special approval.
Schedule Type: Practicum or Internship
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 and special approval from instructor.
Schedule Type: Practicum or Internship
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 25015 and SPAD 25192 and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 7-21 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 45015 GOLF MANAGEMENT II 2 Credit Hours
An in-depth study of the business of golf. Topics include maintaining a high performance work environment and motivating techniques for staff, delegating assignments, managing performance problems, merchandise assortment plans, vendor relations, inventory management and merchandise display and promotion.
Prerequisite: SPAD 15015 and SPAD 25015 and SPAD 35015.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 1 lab
Grade Mode: Standard Letter

SPAD 45021 ORGANIZATION AND ADMINISTRATION OF ATHLETICS 3 Credit Hours
An understanding of theories necessary to run an efficient athletic department at all levels, including budgeting, leadership and administrative theory, organizational structure, personnel, legal issues and facilities.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPAD 45022 EVENT PLANNING AND PRODUCTION 3 Credit Hours
(Cross-listed with SRM 55022) Students learn the proper planning process that all sports events undergo. Students then apply these concepts in actual events that they develop and hold.
Prerequisite: Junior or senior standing and MKTG 25010.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
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 SRM 55024) Students critically analyze how sport relates to general features of globalization and 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
(Cross-listed with SRM 55026) 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 a general analysis of the role of mediated sport in our
culture. As such, 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
Examination of the historical development of athletics within American
institutions of higher learning with an emphasis upon concepts and
ideas 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 SRM 55031) 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
Introduce students to the area of sales-force management in sport and
entertainment. Historical, theoretical and conceptual frameworks will
be thoroughly examined, as well as functions, activities, and skills of
the professional salesperson in this modern 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
Focuses on mental training to enhance sport performance and also it
provides personal growth experiences that impact all of life. The course
is designed to assist students in tapping into their inner potential by
refocusing their mind. It teaches students that they are responsible
for their own life experiences. Students learn that the things they want
most in their lives are found within themselves and that they can take
responsibility for their upsets.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPAD 45039  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: 2.500 cumulative GPA; and 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: 2.500 cumulative GPA; and 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; 2.500 cumulative GPA; and
special approval.
Schedule Type: Practicum or Internship
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 (SPAD) 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 25015 and SPAD 25192 and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 13-80 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPAD 46028 SPORT IN FILM  3 Credit Hours
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 SRM 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

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 (ATTR) major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 15011 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 (ATTR) major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
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, Practicum or Internship
Contact Hours: 2 lecture, 12 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 25036 PRINCIPLES OF ATHLETIC TRAINING  3 Credit Hours
Principles of the profession, including injury prevention, basic sports trauma, injury management and specific sports conditions. Practical competency in emergency care and first aid; American Red Cross Professional Rescuer Certification for CPR and AED.
Prerequisite: None.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 25037 PHYSICAL ASSESSMENT TECHNIQUES FOR THE LOWER EXTREMITY AND SPINE  3 Credit Hours
Anatomical and clinical assessment techniques for injuries and illnesses common to the physically active. Emphasis on orthopedic assessment strategies of the upper and lower quarters and spine for proper referral and care.
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, 2 lab
Grade Mode: Standard Letter

ATTR 25038 PHYSICAL ASSESSMENT TECHNIQUES FOR THE UPPER EXTREMITY, HEAD AND NECK  3 Credit Hours
Anatomical and clinical assessment techniques for injuries and illnesses with specific emphasis on orthopedic and neurological assessment strategies for the upper extremity, head and neck. Proper referral and care procedures are also be addressed.
Prerequisite: ATTR 25036 and ATTR 25037; and 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 25057  HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)  3 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, cardiovascular, nervous and respiratory systems are addressed. Prerequisite: none. Schedule Type: Combined Lecture and Lab Contact Hours: 2 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)  3 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: 2 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, Practicum or Internship Contact Hours: 2 lecture, 15 other Grade Mode: Standard Letter-IP Attributes: Experiential Learning Requirement

ATTR 35025  ESSENTIALS OF ATHLETIC INJURY MANAGEMENT  1 Credit Hour
Common injuries related to physical activity and/or athletic participation from the cause, management and care perspectives. American Red Cross sport safety training certification (including adult/child CPR) will be granted. Emphasis on application of skills. Prerequisite: None. Schedule Type: Laboratory Contact Hours: 1 lab Grade Mode: Standard Letter

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 25038; and ATTR 25058 or BSCI 11020 or BSCI 21020 or EXSC 25058. Schedule Type: 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 (ATTR), exercise science (EXSI) or physical education-professional (PEP) major. 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: none. Schedule Type: 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

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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, Practicum or Internship
Contact Hours: 2 lecture, 15 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

ATTR 43018  ETHICS FOR ALLIED HEALTH PROFESSIONALS (WIC)  3 Credit Hours
Examination of specific situations in the allied health professions of athletic training and exercise science 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.
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 athletic trainer as they prepare for an entry-level career in athletic training. Professional development issues and NATABOC exam preparation are included.
Prerequisite: Senior standing; athletic training majors only.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ATTR 45038  ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING  3 Credit Hours
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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 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: senior standing and athletic training (ATTR) major.
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, Practicum or Internship
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, Practicum or Internship
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, Practicum or Internship
Contact Hours: 1 lecture, 20 other
Grade Mode: Standard Letter-IP
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 55038  ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING  3 Credit Hours
(Cross-listed 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
(Cross-listed 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: graduate standing; and Athletic Training (ATTR) major within the Master of Science (MS) degree.
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 IN ATHLETIC TRAINING  3 Credit Hours
A comprehensive examination of contemporary issues, trends and problems affecting athletic training professionals related to the domains of practice for athletic trainers.
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 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 63018 ETHICS FOR HEALTH CARE PROFESSIONALS 3 Credit Hours
Examination of specific situations in the allied health professions of athletic training and exercise science from an ethical sensitivity, reasoning and decision making perspective. A problem-oriented case study approach based upon contemporary moral issues and moral theory related to clinical and academic health professionals.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 63095 RESEARCH SEMINAR 1 Credit Hour
(Repeatable for credit) (Cross-listed with ATTR 73095 and EXPH 63095 and EXPH 73095 and SRM 63095 and SRM 73095) 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: 3 other
Grade Mode: Satisfactory/Unsatisfactory

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) (Cross-listed with EXPH 63098 and SRM 63098 and EXPH 83098) Research or individual investigation.
Prerequisite: Graduate standing.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-S/U-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
(Cross-listed with EXPH 63199 and SRM 63199) 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
(Cross-listed with EXPH 63299 and SRM 63299) 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.
Prerequisite: Athletic Training [ATTR] major within the Master of Science [MS] degree; and graduate standing.
Schedule Type: Clinic
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.
Prerequisite: Athletic Training [ATTR] major within the Master of Science [MS] degree; and graduate standing.
Schedule Type: Clinic
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 nurse practitioners with specific competencies for research and ethical case analysis are required. Student must complete a minimum of 180 hour in clinicals.
Prerequisite: Athletic Training [ATTR] major within the Master of Science [MS] degree; and graduate standing.
Schedule Type: Clinic
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. Prerequisites: 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.
Prerequisite: Athletic Training [ATTR] major within the Master of Science [MS] degree; and graduate standing.
Schedule Type: Clinic
Contact Hours: 12 other
Grade Mode: Standard Letter

ATTR 65037 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.
Prerequisite: graduate standing.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

ATTR 65038 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.
Prerequisite: 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: graduate standing; and Athletic Training (ATTR) major within the Master of Science (MS) degree.
Schedule Type: Clinic
Contact Hours: 24 other
Grade Mode: Standard Letter
**ATTR 73094  COLLEGE TEACHING IN HEALTH SCIENCES  3 Credit Hours**
Guided teaching experiences in 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 rooting in contemporary literature will guide this course.

**Prerequisite:** doctoral standing and special approval.

**Schedule Type:** Lecture, Seminar

**Contact Hours:** 1 lecture, 2 other

**Grade Mode:** Standard Letter

**ATTR 73095  RESEARCH SEMINAR  1 Credit Hour**
(Repeatable for credit) (Cross-listed with ATTR 63095 and EXPH 63095 and EXPH 73095 and SRM 63095 and SRM 73095) 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

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**Exercise Physiology (EXPH)**

**EXPH 50612  EXERCISE LEADERSHIP FOR THE OLDER ADULT  3 Credit Hours**
(Cross-listed with EXSC 40612) Designed to provide the students with a knowledge base in exercise leadership in the senior population and includes special populations. Students participate in the leading supervision and evaluation of the participant within the exercise program. They also assist in the collection of functional fitness data.

**Prerequisite:** Graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 51000  EXERCISE IMPLEMENTATION: AN EXERCISE INTERVENTION PROGRAM  1-3 Credit Hours**
(Repeatable for credit) Students will participate in leading, supervising and developing plans for individuals who want to reduce cardiovascular risk factors through structured exercise. Prerequisite: EXPH 55080 and graduate standing.

**Schedule Type:** Laboratory

**Contact Hours:** 3-9 lab

**Grade Mode:** Standard Letter

**EXPH 53093  VARIABLE TITLE WORKSHOP IN EXERCISE SCIENCE AND EXERCISE PHYSIOLOGY  1-3 Credit Hours**
(Repeatable for credit) (Cross-listed with EXSC 43093) Workshop in exercise science or physiology, topics vary. Prerequisites: graduate standing

**Schedule Type:** Workshop

**Contact Hours:** 1-3 other

**Grade Mode:** Satisfactory/Unsatisfactory

**EXPH 55040  ADVANCED STRENGTH AND CONDITIONING  3 Credit Hours**
(Slashed with EXSC 45040) 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:** Graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

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**EXPH 55065  EXERCISE TESTING  3 Credit Hours**
(Cross-listed with EXSC 45065) Lecture and laboratory experiences dealing with the administration and interpretation of exercise tests.

**Prerequisite:** graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 55070  ELECTROCARDIOGRAPHY FOR THE EXERCISE PHYSIOLOGIST  3 Credit Hours**
(Cross-listed with EXSC 45070) 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:** Graduate standing and special approval.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 60610  PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR  3 Credit Hours**
(Cross-listed with EXPH 70610) Examine physiological changes which accompany advancing age. Special attention is paid to the effect of these changes on sensory motor and cognitive behavior.

**Prerequisite:** graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**EXPH 63050  RESEARCH PROCESS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY  3 Credit Hours**
(Cross-listed with EXPH 73050) The research process and statistical concepts applied to athletic training and exercise physiology.

**Prerequisite:** graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 63051  QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY  3 Credit Hours**
(Cross-listed with EXPH 73051) Research design and statistical methods applied to exercise, physiology and athletic training.

**Prerequisite:** EXPH 63050 and graduate standing.

**Schedule Type:** Combined Lecture and Lab

**Contact Hours:** 2 lecture, 2 lab

**Grade Mode:** Standard Letter

**EXPH 63052  ADVANCED RESEARCH DESIGN AND STATISTICS IN EXERCISE PHYSIOLOGY  3 Credit Hours**
(Cross-listed with EXPH 73052) Advanced topics in research design and statistical analysis with computer applications in exercise physiology.

**Prerequisite:** EXPH 63051 and graduate standing.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter
EXPH 63095 RESEARCH SEMINAR  1 Credit Hour
(Repeatable for credit) (Cross-listed with ATTR 63095 and ATTR 73095 and EXPH 73095 and SRM 63095 and SRM 73095) 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

EXPH 63096 INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY  1-3 Credit Hours
(Repeatable for a maximum of 6 credit hours) (Cross-listed 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) (Cross-listed with ATTR 63098 and SRM 63098 and EXPH 83098) Research or individual investigation.
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. Prerequisites: 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) (Cross-listed 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
(Cross-listed with ATTR 63199 and SRM 63199) 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
(Cross-listed with ATTR 63299 and SRM 63299) 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
(Cross-listed 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
(Repeatable for credit) (Cross-listed 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EXPH 65083 EXERCISE ENERGY METABOLISM  3 Credit Hours
(Cross-listed 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  
(Cross-listed 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  

EXPH 65086  NEUROBIOLOGY OF MOVEMENT AND EXERCISE  3 Credit Hours  
(Cross-listed 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.  
Prerequisite: graduate standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 65192  INTERNSHIP IN EXERCISE PHYSIOLOGY  1-6 Credit Hours  
(Repeatable for a maximum of 8 credit hours) (Cross-listed with EXPH 75192) Field experience in exercise physiology programs and testing in Kent State University adult fitness program or cooperating agencies.  
Prerequisite: graduate standing and special approval.  
Schedule Type: Practicum or Internship  
Contact Hours: 3-18 other  
Grade Mode: Satisfactory/Unsatisfactory/IP  

EXPH 70610  PHYSIOLOGY OF AGING: IMPLICATIONS FOR HUMAN BEHAVIOR  3 Credit Hours  
(Cross-listed 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.  
Prerequisite: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

EXPH 73050  RESEARCH PROCESSES IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY  3 Credit Hours  
(Cross-listed with EXPH 63050) The research process and statistical concepts applied to athletic training and exercise physiology.  
Prerequisite: doctoral standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 73051  QUANTITATIVE AND RESEARCH METHODS IN ATHLETIC TRAINING AND EXERCISE PHYSIOLOGY  3 Credit Hours  
(Cross-listed with EXPH 63051) Research design and statistical methods applied to exercise physiology and athletic training.  
Prerequisite: EXPH 73050 and doctoral standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 73052  ADVANCED RESEARCH DESIGN AND STATISTICS IN EXERCISE PHYSIOLOGY  3 Credit Hours  
(Cross-listed with EXPH 63052) Advanced topics in research design and statistical analysis with computer applications in exercise physiology.  
Prerequisite: EXPH 63051 or EXPH 73051 and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

EXPH 73095  RESEARCH SEMINAR  1 Credit Hour  
(Repeatable for credit) (Cross-listed with ATTR 63095 and ATTR 73095 and EXPH 63095 and SRM 63095 and SRM 73095) 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  

EXPH 73096  INDIVIDUAL INVESTIGATION IN EXERCISE PHYSIOLOGY  1-3 Credit Hours  
(Repeatable for a maximum of 6 credit hours) (Cross-listed 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.  
Prerequisite: doctoral standing and special approval.  
Schedule Type: Individual Investigation  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter-IP  

EXPH 73195  SPECIAL TOPICS IN EXERCISE PHYSIOLOGY  1-3 Credit Hours  
(Repeatable for a maximum of 6 credit hours) (Cross-listed with EXPH 63195) Selected an varied topics of relevance in exercise physiology.  
Prerequisite: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 1-3 lecture  
Grade Mode: Standard Letter  

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

EXPH 75075  MUSCLE FUNCTION AND EXERCISE  3 Credit Hours  
(Cross-listed with EXPH 65075) Characteristics of skeletal muscle related to contraction during exercise, strength, elasticity, fatigue and training. Electromyograph analysis of muscle function emphasized.  
Prerequisite: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
EXPH 75076  ENVIRONMENTAL STRESS AND EXERCISE  3 Credit Hours  
(Slashed with EXPH 65076) Effects of heat, cold, pressure, pollution and psychological stress upon physiological responses to exercise. Lecture and laboratory.  
Prerequisite: doctoral standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 75080  PHYSIOLOGICAL BASIS OF EXERCISE AND SPORT  3 Credit Hours  
(Cross-listed 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.  
Prerequisite: doctoral standing.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 2 lecture, 2 lab  
Grade Mode: Standard Letter  

EXPH 75081  ENERGY METABOLISM AND BODY COMPOSITION  3 Credit Hours  
(Cross-listed 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  
(Cross-listed with EXPH 65083) Energy transformations during exercise. Emphasis on controlling mechanisms that regulate the anabolic 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  
(Cross-listed 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  
(Cross-listed 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  1-6 Credit Hours  
(Repeatable for a maximum of 8 credit hours) (Cross-listed with EXPH 65192) (Cross-listed with EXPH 65192) Field experience in exercise physiology programs and testing in KSU adult fitness program or cooperating agencies.  
Prerequisite: doctoral standing and special approval.  
Schedule Type: Practicum or Internship  
Contact Hours: 3-18 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

EXPH 83098  RESEARCH  1-15 Credit Hours  
(Repeatable for credit)Research for doctoral students.  
Prerequisite: special approval and doctoral standing.  
Schedule Type: Research  
Contact Hours: 1-15 other  
Grade Mode: Standard Letter-S/U-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: Special approval and doctoral standing.  
Schedule Type: Dissertation  
Contact Hours: 15 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

EXPH 83299  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: EXPH 83199 and doctoral standing.  
Schedule Type: Dissertation  
Contact Hours: 15 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

Exercise Science (EXSC)  
EXSC 15010  INTRODUCTION TO EXERCISE SCIENCE  2 Credit Hours  
Introduction to the discipline of exercise science, including the history of the field, current position stands of the American College of Sports Medicine, the responsibilities and roles of the exercise physiologist and the current trends in exercise science.  
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)  3 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, cardiovascular, nervous and respiratory systems are addressed.
Prerequisite: none.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab

EXSC 25058  HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)  3 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, 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: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Kent Core Basic Sciences, Kent Core Basic Sciences Lab

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 35022  EXERCISE LEADERSHIP  3 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.
Prerequisite: none.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: CTAG Exercise Science

EXSC 35023  PROFESSIONAL CERTIFICATE PREPARATION  2 Credit Hours
Introductory course in personal training. Covers basic exercise science, fitness evaluation risk management, health appraisal, safety and legal issues for the personal trainer. Prepares the student to take the national certification examination for personal training.
Prerequisite: EXSC 25057 or ATTR 25057 or BSCI 11010 or BSCI 21010; and EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter

EXSC 35068  STATISTICS FOR 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 41000  EXERCISE IMPLEMENTATION: AN EXERCISE INTERVENTION PROGRAM  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with EXPH 51000) 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: Laboratory
Contact Hours: 3-9 other
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 45080  EXERCISE IMPLEMENTATION: AN EXERCISE INTERVENTION PROGRAM  1-3 Credit Hours
(Repeatable for credit) Students will participate in leading, supervising and developing plans for individuals who want to reduce cardiovascular risk factors through structured exercise.
Prerequisite: EXSC 45080.
Schedule Type: Laboratory
Contact Hours: 3-9 other
Grade Mode: Standard Letter

EXSC 43093  VARIABLE TITLED WORKSHOP IN EXERCISE SCIENCE AND EXERCISE PHYSIOLOGY  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with EXPH 53093) Workshop in exercise science, 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 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: EXSC 25057 or ATTR 25057 or BSCI 11010 or BSCI 21010; and EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020.
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 EXSC 25058 or ATTR 25058 or BSCI 11020 or BSCI 21020.
Schedule Type: Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

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 45080 PHYSIOLOGY OF EXERCISE (WIC) 3 Credit Hours
(Cross-listed with EXPH 55080) Response of the human to acute and chronic exercise with emphasis on the underlying physiological mechanisms.
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: 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 exercise 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 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.
Prerequisite: special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

EXSC 45492 INTERNSHIP IN PHYSICAL FITNESS AND CARDIAC REHABILITATION (ELR) 1-8 Credit Hours
(Repeatable for a maximum of 8 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: Practicum or Internship
Contact Hours: 3-24 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

HED 20000 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: Field Experience, Lecture
Contact Hours: 2.5 lecture, 1.5 other
Grade Mode: Standard Letter

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 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 32575 CONSUMER HEALTH 3 Credit Hours
An overview of the health marketplace including health products, services, financing, promotional practices and consumer protection laws.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 34050 PROGRAM PLANNING AND EVALUATION IN HEALTH EDUCATION 3 Credit Hours
Provides students with the knowledge and skills to assess health resources and needs, develop health programs to meet specific needs in particular populations and determine appropriate measures to evaluate the effectiveness of health programs.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 34060 SMALL GROUP PROCESS 2 Credit Hours
(Cross-listed with CES 37800) 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
HED 36048  EMERGENCY MEDICAL TRAINING  5 Credit Hours
Basic immediate care procedures for victims of acute illnesses and accidents. Course does not conform to EMT-B National Standard Curriculum as adopted by the Ohio Department of Public Safety, Division of EMS.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 5 lecture
Grade Mode: Standard Letter

HED 40093  VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed 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
(Cross-listed 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 42358  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. L.I.C.E. Training must be presented to the campus office of Clinical Experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: Eligibility for admission to student teaching and admission to advanced study; and official valid certification of Child Safety Training, approved Basic Life Support and A.
Schedule Type: Practicum or Internship
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
(Cross-listed 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 44025  WOMEN'S HEALTH ISSUES  3 Credit Hours
(Cross-listed 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 44092  INTERNSHIP IN COMMUNITY HEALTH EDUCATION (ELR)  9 Credit Hours
(Repeatable for credit) Participation for one academic semester in the health education activities of an approved agency, organization or industry.
Prerequisite: Senior standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

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 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) (Cross-listed with HED 54096 and 74096) 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
(Cross-listed 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
(Cross-listed with HED 54544) This course prepares the student 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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 46070  HEALTH RELATED ASPECTS OF AGING  3 Credit Hours
(Cross-listed with HED 56070) Theories of biological aging and
identification of major health hazards, age-related diseases and age
changes, their prevention and control. The health care delivery system for
the elderly.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 47070  AIDS: ISSUES, EDUCATION AND PREVENTION  3 Credit
Hours
(Cross-listed 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) (Cross-listed 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 48092  FIELD EXPERIENCE IN HEALTH EDUCATION AND
PROMOTION (ELR)  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HED 58092 and 78092)
Observation and participation in educational and promotional activities
of a public health agency,school or health care facility. Joint university
agency supervision.
Prerequisite: Permission.
Schedule Type: Field Experience
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

HED 49525  INQUIRY SEMINAR INTO PROFESSIONAL PRACTICE  3
Credit Hours
Interdisciplinary inquiry into teaching as a professional practice in health
equations; emphasis on teacher as disciplined investigator. Utilization of
teaching and learning technology.
Prerequisite: admission to advanced study.
Corequisite: EHHS 49526 or HED 42358.
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) (Cross-listed with HED 50093 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 50093  FIELD EXPERIENCE IN HEALTH EDUCATION AND
PROMOTION (ELR)  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HED 50093 and 70093)
Observation and participation in educational and promotional activities
of a public health agency,school or health care facility. Joint university
agency supervision.
Prerequisite: Permission.
Schedule Type: Seminar
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

HED 52041  HEALTH COACHING  3 Credit Hours
(Cross-listed 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
(Cross-listed 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 54025 WOMEN’S HEALTH ISSUES  3 Credit Hours
(Cross-listed 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 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 54096 INDIVIDUAL INVESTIGATION IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed 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
(Cross-listed 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
(Cross-listed with HED 44544) This course prepares the student to develop, implement and evaluate sexuality education programs in school and community settings.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 54550 DRUG ABUSE AND VIOLENCE EDUCATION PROGRAMS  3 Credit Hours
(Cross-listed 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 54552 STRESS: RECOGNITION AND MANAGEMENT  2 Credit Hours
(Cross-listed 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 54554 STRESS: RECOGNITION AND MANAGEMENT  2 Credit Hours
(Cross-listed with HED 46054) 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 54564 STRESS: RECOGNITION AND MANAGEMENT  2 Credit Hours
(Cross-listed with HED 46064) 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 54557 ADVANCED HUMAN SEXUALITY  3 Credit Hours
(Cross-listed 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 54558 ADVANCED HUMAN SEXUALITY  3 Credit Hours
(Cross-listed with HED 46058) 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 56025 WOMEN’S HEALTH ISSUES  3 Credit Hours
(Cross-listed with HED 46025) 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 56052 STRESS: RECOGNITION AND MANAGEMENT  2 Credit Hours
(Cross-listed 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
(Cross-listed 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 56070 HEALTH RELATED ASPECTS OF AGING  3 Credit Hours
(Cross-listed with HED 46070) Theories of biological aging and identification of major health hazards, age-related diseases and age changes, their prevention and control. The health care delivery system for the elderly.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HED 57070 AIDS: ISSUES, EDUCATION AND PREVENTION  3 Credit Hours
(Cross-listed 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) (Cross-listed 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 58092 FIELD EXPERIENCE IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HED 48092 and 78092) Observation and participation in educational and promotional activities of a public health agency, school, or health care facility joint university-agency supervision. 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: Special approval and graduate standing.
Schedule Type: Field Experience
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
HED 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.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HED 60299  THESIS II  2 Credit Hours
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
(Cross-listed 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
(Cross-listed 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 64061 and HED 64050 and HED 64063 and HED 64059 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
(Cross-listed 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 64058  DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION  3 Credit Hours
(Cross-listed with HED 84058) Develop and implement developmentally appropriate health education unit plans, methods, techniques, and strategies with K-12 school populations.
Prerequisite: 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed with HED 84063) Health education and promotion methods, techniques and strategies are presented 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 64070  WORKSITE HEALTH PROMOTION  3 Credit Hours
(Cross-listed with HED 84070) Program planning and evaluation of health promotion programs in business and industry with an emphasis on the role of health educators.
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
(Cross-listed 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: Practicum or Internship
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory

HED 64096  INDIVIDUAL INVESTIGATION: READINGS IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(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. Standard letter or satisfactory/unsatisfactory (S/U) graded.
Prerequisite: graduate standing and Health Education (HED) or Public Health (PH) major, 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) (Cross-listed 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 70093  VARIABLE TITLE WORKSHOP IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed 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) (Cross-listed 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; 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) (Cross-listed 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 78092  FIELD EXPERIENCE IN HEALTH EDUCATION AND PROMOTION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HED 48092 and 58092) Observation and participation in educational and promotional activities of a public health agency, school or health care facility joint university-agency supervision. 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; special approval.
Schedule Type: Field Experience
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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: Practicum or Internship
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 or HED 74055; and HED 64057 or HED 74057; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 81550  APPLIED THEORY IN HEALTH EDUCATION RESEARCH AND PRACTICE  3 Credit Hours
Examination of theory/models/hypotheses applied to specific health behaviors. Emphasis on operationalization of theoretical constructs.  
Prerequisite: HED 6/74050.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 84030  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: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 84050  HEALTH BEHAVIOR  3 Credit Hours
(Cross-listed with HED 64050) Analysis of a broad range of theoretical and empirical models of health and illness behavior.  
Prerequisite: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 84051  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: doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 84055  NEEDS ASSESSMENT AND EVALUATION IN HEALTH PROMOTION  3 Credit Hours
(Cross-listed with HED 64055) 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 or 84050; and HED 64059 or 84059; and HED 64061 or 84061; and HED 64063 or 84063; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

HED 84057  PROGRAM PLANNING AND IMPLEMENTATION IN HEALTH PROMOTION  3 Credit Hours
(Cross-listed with HED 64057) Students will develop, implement, and evaluate a health education and promotion program plan specific to a target audience and health issue.  
Prerequisite: HED 64050 or 84050; and HED 64055 or 84055; and HED 64061 or 84061; and HED 64063 or 84063; and doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>HED 84058</td>
<td>DEVELOPMENTAL APPROACHES IN TEACHING SCHOOL HEALTH EDUCATION</td>
<td>3</td>
<td>Develop and implement developmentally appropriate health education unit plans, methods, techniques, and strategies with K12 school populations. Doctoral standing.</td>
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<tr>
<td>HED 84059</td>
<td>COMMUNICATION AND MARKETING IN HEALTH EDUCATION AND PROMOTION</td>
<td>3</td>
<td>Introduction to the theory and practice of planning, implementing, and evaluating marketing and communication programs in health promotion.</td>
<td>HED 64050 or 84050; and HED 64061 or 84061; and doctoral standing.</td>
</tr>
<tr>
<td>HED 84061</td>
<td>FOUNDATIONS OF HEALTH EDUCATION AND PROMOTION</td>
<td>3</td>
<td>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.</td>
<td>Doctoral standing.</td>
</tr>
<tr>
<td>HED 84062</td>
<td>ADMINISTRATION AND GRANT WRITING IN HEALTH PROMOTION</td>
<td>3</td>
<td>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.</td>
<td>HED 64061 or 84061; and doctoral standing.</td>
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<tr>
<td>HED 84063</td>
<td>STRATEGIES IN HEALTH EDUCATION AND PROMOTION</td>
<td>3</td>
<td>Health education and promotion methods, techniques and strategies are presented for a variety of audiences, learning environments and intervention levels.</td>
<td>Doctoral standing.</td>
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<tr>
<td>HED 84066</td>
<td>HEALTH IN THE DEVELOPING NATIONS</td>
<td>3</td>
<td>Overview of national development, review of problems process and strategy of health development.</td>
<td>Doctoral standing.</td>
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<tr>
<td>HED 84070</td>
<td>WORKSITE HEALTH PROMOTION</td>
<td>3</td>
<td>Program planning and evaluation of health promotion programs in business and industry with an emphasis on the role of health educators. Doctoral standing.</td>
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<tr>
<td>HED 84076</td>
<td>INTEGRATED HEALTH STUDIES (IHS)</td>
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<td>IHS 10000</td>
<td>CAREERS IN HEALTH SCIENCES AND HUMAN SERVICES</td>
<td>3</td>
<td>This course presents the diverse career options in the fields of health sciences and human services. Academic preparation and credentialing for professions will be included.</td>
<td></td>
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</tbody>
</table>
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: IHS 10000.
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 (IHS) majors and senior standing and special approval.
Corequisite: IHS 40091.
Schedule Type: Practicum or Internship
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

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 HM 23012) Principles of food preparation and quality evaluation with an emphasis on food science concepts, nutrition, food consumption trends, and government regulation. Course includes lecture and lab components.
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 successful completion of the Bachelor of Science in Nutrition, the history of the 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
(Slashed 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. A laboratory is included in the course.
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
Attributes: Kent Core Basic Sciences, TAG Health

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: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
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: Nutrition (NUTR) major and NUTR 23511 and PSYC 11762 and SOC 12050.
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 and includes application of management theories to dietetic programs and services, budgeting, billing and coding as well as 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
The course explores the role of environment, food, nutrition and lifestyle choices in health promotion and disease prevention with a focus 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)Discussion of a major topic within a specific field in nutrition and dietetics.
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)Independent study in nutrition and dietetics.
Prerequisite: Written permission from instructor.
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 will 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 23511 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 NUTR 53030) (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: HM 23012 or NUTR 23012; and HM 23510 or NUTR 23510.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 43031 MEDICAL NUTRITION THERAPY I 3 Credit Hours
(Slashed with NUTR 53031) 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. This course also has a lab which provides the opportunity for students to engage in case studies and nutrition assessment exercises.
Prerequisite: BSCI 30130, CHEM 30284 and NUTR 33512.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

NUTR 43032 MEDICAL NUTRITION THERAPY II 3 Credit Hours
(Slashed with NUTR 53032) Application of nutrition principles related to applied human nutrition.
Prerequisite: BSCI 30130, CHEM 30284 and NUTR 33512.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

College of Education, Health and Human Services
NUTR 43513  MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY  3 Credit Hours
(Slashed with NUTR 53513) This course explores the mechanisms through which micronutrients meet human biological need in relationship to underlying applied human nutrition.
Prerequisite: NUTR 33512 and BSCI 30130 and CHEM 30284.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 43514  MEDICAL NUTRITION THERAPY II  3 Credit Hours
(Slashed with NUTR 53514) 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. The course also has a lab which provides the opportunity for students to engage in case studies and nutritional assessments.
Prerequisite: NUTR 43511.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

NUTR 43515  COMMUNITY NUTRITION (ELR)  3 Credit Hours
(Slashed with NUTR 53515) 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, NUTR 33522 and NUTR 33532.
Schedule Type: Laboratory, Lecture
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

NUTR 43518  LIFECYCLE NUTRITION  3 Credit Hours
(Slashed with NUTR 53518) Explore the nutrition needs of through growth, development, and aging. This course will specifically focus on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood, and older adulthood.
Prerequisite: NUTR 33512.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 43520  SPORTS NUTRITION  3 Credit Hours
(Slashed with NUTR 53520) The course focuses on the relationship between nutrition and exercise and how nutrition impacts sports performance.
Prerequisite: NUTR 33512.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 43521  FOOD CHOICES FOR PRESCRIBED DIETARY MODIFICATION  2 Credit Hours
Adapting adequate normal diet in terms of food choices to accommodate prescribed food restriction or bodily dysfunction.
Prerequisite: NUTR 23511; not open to nutrition (NUTR) majors.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

NUTR 43522  INTEGRATIVE AND FUNCTIONAL NUTRITION  2 Credit Hours
(Slashed with NUTR 53522) Introduces the foundations of integrative and functional medicine as it relates to nutrition including personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods as well as the interaction of food on supplement and drug efficacy.
Prerequisite: NUTR 33512.
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 (NUTR) major and senior standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

NUTR 43532  METH AND EXP NUTR OUTREACH  3 Credit Hours
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 also engage in service learning opportunities in community nutrition education.
Prerequisite: special approval.
Schedule Type: Field Experience, Lecture
Contact Hours: 2.5 lecture, .5 other
Grade Mode: Standard Letter

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: Practicum or Internship
Contact Hours: 3-9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

NUTR 45098  RESEARCH IN NUTRITION (ELR)  1-3 Credit Hours
Students will engage in research under the supervision of a nutrition faculty member. This may include the development of the student’s research idea or working on faculty led research.
Prerequisite: Special approval.
Schedule Type: Research
Contact Hours: 3-9 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

NUTR 51095  SPECIAL TOPICS IN NUTRITION  1-4 Credit Hours
(Repeatable for credit)Discussion of a major topics within the field of nutrition and dietetics.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-4 other
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Prerequisite</th>
<th>Schedule Type</th>
<th>Contact Hours</th>
<th>Contact Hours Type</th>
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</thead>
<tbody>
<tr>
<td>NUTR 51096</td>
<td>INDIVIDUAL INVESTIGATION IN NUTRITION</td>
<td>1-3</td>
<td>Standard Letter</td>
<td>(Repeatable for credit) Independent study in the area of nutrition and dietetics.</td>
<td>Lecture</td>
<td>1-3 other</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53013</td>
<td>RESEARCH AND STATISTICAL METHODS IN NUTRITION</td>
<td>3</td>
<td>Standard Letter</td>
<td>Students will gain experience in research methods related to nutrition and dietetics, principles of experimental design, data analysis, and techniques of scientific writing.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53016</td>
<td>WORLD FOOD CUSTOMS AND NUTRITION</td>
<td>3</td>
<td>Standard Letter</td>
<td>Understanding the interrelationship between food and agricultural practices of racial, ethnic, and religious populations globally.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<td>NUTR 53030</td>
<td>FOOD SERVICE SYSTEMS MANAGEMENT</td>
<td>3</td>
<td>Standard Letter</td>
<td>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 foodservice including financial control, marketing, quality, management, leadership, and human resources.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53511</td>
<td>MEDICAL NUTRITION THERAPY I</td>
<td>3</td>
<td>Standard Letter</td>
<td>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. This course also has a lab which provides the opportunity for students to engage in case studies and nutrition assessment exercises.</td>
<td>Laboratory, Lecture, Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Lecture, Lab</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53512</td>
<td>MACRONUTRIENT NUTRITIONAL BIOCHEMISTRY</td>
<td>3</td>
<td>Standard Letter</td>
<td>This course explores the mechanisms through which the macronutrients meet biological need and how these related to applied human nutrition.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53513</td>
<td>MICRONUTRIENT NUTRITIONAL BIOCHEMISTRY</td>
<td>3</td>
<td>Standard Letter</td>
<td>This course explores the mechanisms through which micronutrients meet human biological need in relationship to underlying applied human nutrition.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53514</td>
<td>MEDICAL NUTRITION THERAPY II</td>
<td>3</td>
<td>Standard Letter</td>
<td>Application of the principles of normal nutrition to diet and disease effect of pathological conditions on nutritional needs. Also included is a lab which provides the opportunity for students to engage in case studies and nutritional assessments.</td>
<td>Laboratory, Lecture, Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Lecture, Lab</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53515</td>
<td>COMMUNITY NUTRITION</td>
<td>3</td>
<td>Standard Letter</td>
<td>Introduction to nutrition problems and practices in the community. Principles and techniques of effective education, learning, and behavior change theories and techniques. Includes and experiential laboratory component with a focus on planning, implementation, evaluation, and outcomes in nutrition education as well as nutrition communication, programming, and counseling techniques.</td>
<td>Laboratory, Lecture, Combined Lecture and Lab</td>
<td>2 lecture, 2 lab</td>
<td>Lecture, Lab</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<tr>
<td>NUTR 53518</td>
<td>LIFECYCLE NUTRITION</td>
<td>3</td>
<td>Standard Letter</td>
<td>Explore the nutrition needs through growth, development, and aging. This course will specifically focus on nutritional needs and issues during conception, pregnancy, lactation, infancy, childhood, adolescence, adulthood, and older adulthood.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<td>NUTR 53520</td>
<td>SPORTS NUTRITION</td>
<td>3</td>
<td>Standard Letter</td>
<td>The course focuses on the relationship between nutrition and exercise and how nutrition impacts sports performance.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> Graduate standing.</td>
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<td>NUTR 53521</td>
<td>FOOD CHOICES FOR PRESCRIBED DIETARY MODIFICATION</td>
<td>2</td>
<td>Standard Letter</td>
<td>Adapting normal diet to accommodate prescribed food restriction. Provides introductory overview of dietary modifications commonly encountered by the elderly.</td>
<td>Lecture</td>
<td>2 lecture</td>
<td>Lecture</td>
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<td><strong>Prerequisite:</strong> NUTR 23511 and graduate standing; not open to nutrition (NUTR) majors.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td><strong>Contact Hours:</strong> 2 lecture, 2 lab</td>
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<td><strong>Grade Mode:</strong> Standard Letter</td>
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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 including personalized nutrition, nutrigenomics, complementary and alternative therapies, nutraceuticals and functional foods as well as 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
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 also engage in service learning opportunities in community nutrition education.
Prerequisite: special approval; and nutrition (NUTR) major; and graduate standing.
Schedule Type: Field Experience, Lecture
Contact Hours: 2.5 lecture, .5 other
Grade Mode: Standard Letter

NUTR 61018 TECHNIQUES OF RESEARCH IN FAMILY AND CONSUMER STUDIES  3 Credit Hours
Introduction to the types of research and methods of data collection applied to a project of the student's choice.
Prerequisite: 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 graduate students. Credits earned may be applied toward meeting degree requirements if school approves.
Prerequisite: Graduate standing.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Standard Letter-IP

NUTR 61198 MASTER'S PROJECT  2-6 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 61198) 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: Special approval and graduate standing.
Schedule Type: Master's Project
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: Special approval and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

NUTR 63299 THESIS II  2 Credit Hours
Thesis II students must continue registration each semester until all degree requirements are met.
Prerequisite: NUTR 61199 and graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

NUTR 63519 ADVANCED STUDY OF MICRONUTRIENTS  3 Credit Hours
Intake, digestion and absorption of nutrients.
Prerequisite: nutrition (NUTR) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

NUTR 63520 MACRONUTRIENT NUTRITION  3 Credit Hours
Metabolic utilization of macronutrients for body processes.
Prerequisite: nutrition (NUTR) 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 (NUTR) major and 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 successful treatment and prevention of nutrition related disease in the U.S. Also 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: Special approval and graduate standing.
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: Special approval and graduate standing.
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: Special approval and graduate standing.
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 selected will be indicated in the schedule of classes each semester offered.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 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 SCIENCE  3 Credit Hours
Acoustics, psychoacoustics, bioacoustics, anatomy and physiology of the ear.
Prerequisite: admittance into the SPA Professional Phase (minimum 3.000 cumulative 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  3 Credit Hours
Functional anatomy and physiology of the respiratory, phonatory, articulatory and neural systems as they are used in speech production by talkers with normal and abnormal speech.
Prerequisite: admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
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: SPA 34102 and SPA 34104; and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
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-SPA majors.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 43402  AUDIOMETRY  3 Credit Hours
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: SPA 33101 with minimum C (2.000) grade and special approval; and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPA 43403 CLINICAL PREPARATION IN AUDIOLOGY (ELR)  2 Credit Hours
Exercises and practical experiences in audiometric procedures, test interpretation, counseling and management of the hearing impaired.
Prerequisite: special approval and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 hours).
Corequisite: SPA 43402.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

SPA 43404 AURAL REHABILITATION  3 Credit Hours
Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals.
Prerequisite: SPA 35101 and 34102 and 43402 (Speech Pathology and Audiology majors) or 43600 (Education of Hearing Impaired majors); and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 44096 INDEPENDENT STUDY:SPEECH PATHOLOGY AND AUDIOLOGY  2-6 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: Senior standing and speech pathology and audiology (SPA) major and special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-6 other
Grade Mode: Standard Letter/IP

SPA 44110 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 SPA 34106; and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
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: SPA 34103.
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; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.
Prerequisite: admittance into the SPA Professional Phase (minimum 3.000 cumulative 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 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 44105 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 44110 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 SPA 34106; and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
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: SPA 34103.
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; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.
Prerequisite: admittance into the SPA Professional Phase (minimum 3.000 cumulative 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 44096 INDEPENDENT STUDY:SPEECH PATHOLOGY AND AUDIOLOGY  2-6 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: Senior standing and speech pathology and audiology (SPA) major and special approval.
Schedule Type: Individual Investigation
Contact Hours: 2-6 other
Grade Mode: Standard Letter/IP

SPA 44110 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 SPA 34106; and admittance into the SPA Professional Phase (minimum 3.000 cumulative GPA at 60 credits).
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: SPA 34103.
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; sequelae for speech, language and voice in the elderly; effects of age on swallowing; facilitating conversational interactions with elderly individuals.
Prerequisite: admittance into the SPA Professional Phase (minimum 3.000 cumulative 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 44311 CLINICAL PREPARATION IN SPEECH-LANGUAGE PATHOLOGY (ELR) (WIC) 2 Credit Hours
Fundamental evaluation and management procedures of individuals with communication disorders, including supervised observation.
Prerequisite: admittance into the SPA Professional Phase (3.000 cumulative 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 AUDIOMETRY 3 Credit Hours
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. Graduate standing.
Prerequisite: SPA 33101 with a grade of C (2.00) or better.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 53404 AURAL REHABILITATION 3 Credit Hours
Basic principles, variables and techniques for understanding, evaluating and improving receptive communication of hearing impaired individuals. Graduate standing.
Prerequisite: Education of Hearing Impaired majors: SPA 43600; Speech Pathology and Audiology majors: SPA 33101 and SPA 34102 and SPA 43402.
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 54096 INDEPENDENT STUDY: SPEECH PATHOLOGY AND AUDIOLOGY 2-6 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: Special approval and graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 2-6 other
Grade Mode: Standard Letter-S/U-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. Graduate standing.
Prerequisite: SPA 34102 and 34106.
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. Graduate standing.
Prerequisite: SPA 34103 or special approval of the instructor.
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 54310 CLINICAL PROCEDURES 3 Credit Hours
An examination of evaluative and therapeutic procedures used with communicatively impaired children and adults.
Prerequisite: SPA 34103 or SPA 34106 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 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. Graduate standing.
Prerequisite: SPA 64301.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-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: Special approval and graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-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, symptomatologies, 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, 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: Graduate standing and speech language pathology (SPA) major.
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 (SLP) 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 DYSPHAGIA 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. Graduate standing.
Prerequisite: SPA 34107.
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 study.
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 ASD. 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
(Cross-listed 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  MAXILLOFACIAL ANOMALIES  1-3 Credit Hours
Nature and rehabilitative procedures for individuals with congenital and
acquired maxillofacial anomalies and resonance disorders.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SPA 64356  PEDIATRIC AND ADULT DYSPHAGIA  4 Credit Hours
Anatomy, etiologies, symptomatologies, evaluation procedures and
treatment techniques relating to swallowing disorders in adults and children.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

SPA 64391  SEMINAR: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: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

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-S/U-IP

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: Special approval and graduate standing.
Schedule Type: Practicum or Internship
Contact Hours: 1-12 other
Grade Mode: Standard Letter-IP

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
(Cross-listed 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. Graduate standing.
Prerequisite: SPA 4/54110.
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: Special approval; and graduate standing.
Corequisite: SPA 64528.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 64528 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.
Prerequisite: Special approval; and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: SPA 64525.
Schedule Type: Practicum or Internship
Contact Hours: 40 other
Grade Mode: Satisfactory/Unsatisfactory

SPA 64591 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: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter-S/U-IP

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. Graduate standing.
Prerequisite: SPA 6/74306.
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. Graduate standing.
Prerequisite: SPA 4/54110 and SPA 6/74504.
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-S/U-IP

SPA 64991 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: Instructor special approval and speech pathology and audiology (SPA) major only and graduate standing.
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
(Cross-listed 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: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP
SPA 65192  CLINICAL PRACTICUM II IN SPEECH AND LANGUAGE PATHOLOGY  2-3 Credit Hours
(Cross-listed 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: graduate standing and special approval; and SPA 65092 with a minimum B grade.
Schedule Type: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65292  CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Cross-listed 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: graduate standing and special approval; and SPA 65192 with B grade.
Schedule Type: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 65392  CLINICAL PRACTICUM IV IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Cross-listed 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: graduate standing and special approval; and SPA 65292 with a minimum B grade.
Schedule Type: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP
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 (AUD) 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. D. program or special approval of the instructor and doctoral standing.
Prerequisite: Admission to the AU.
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 audiology procedures, including hearing aid management.
Prerequisite: SPA 70744 and special approval and doctoral standing.
Schedule Type: Practicum or Internship
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 audiology equipment. D. program or special approval of instructor and doctoral standing.
Prerequisite: Admission to the AU.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

SPA 70702  ANATOMY AND PHYSIOLOGY OF PERIPHERAL AUDITORY AND VESTIBULAR SYSTEMS  3 Credit Hours
A study of the anatomy, biophysics and physiology of the auditory and vestibular systems. D program or special approval of instructor and doctoral standing.
Prerequisite: Admission to the Au.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPA 70703  ACOUSTIC PHONETICS  3 Credit Hours
Study of the acoustics, measurement and nomenclature of speech sounds and theoretical and acoustic bases of speech perception (includes 1 hour lab). D. program and doctoral standing.
Prerequisite: Admission to the AU.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

SPA 70706  ANATOMY AND PHYSIOLOGY UNDERLYING NEUROTOLOGY  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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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 audiology assessments. D. program and doctoral standing.
Prerequisite: Admission to the Au.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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 dysfunctions.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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.) D. program or special approval of instructor and doctoral standing.
Prerequisite: Admission to the AU.
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 special approval of instructor and doctoral standing.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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. D. program and doctoral standing.
Prerequisite: Admission to the AU.
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 audiological treatment of people with hearing loss across the lifespan. Implementation of remedial strategies is emphasized.
Prerequisite: SPA 70616; admission to the audiology (AUD) major; 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: SPA 70726 and SPA 70721; admission into the Audiology program 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: SPA 70748; and admission into the audiology (AUD) major; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

SPA 70741 DIRECTED OBSERVATION IN AUDIOLOGY I  1 Credit Hour
Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required. D. program or special approval of the instructor and doctoral standing.
Prerequisite: Admission to the AU.
Schedule Type: Practicum or Internship
Contact Hours: 1 other
Grade Mode: Standard Letter

SPA 70742 DIRECTED OBSERVATION IN AUDIOLOGY II  1 Credit Hour
Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiologic diagnosis and audiologic rehabilitation are required. D. program and doctoral standing and special approval.
Prerequisite: Admission to the AU.
Schedule Type: Practicum or Internship
Contact Hours: 1 other
Grade Mode: Standard Letter

SPA 70743 CLERKSHIP I  1 Credit Hour
Clinical practicum in audiology during which students perform discrete tasks under supervision.
Prerequisite: special approval of instructor and doctoral standing.
Corequisite: SPA 70709.
Schedule Type: Practicum or Internship
Contact Hours: 1 other
Grade Mode: Standard Letter

SPA 70744 CLERKSHIP II  1 Credit Hour
Supervised clinical practicum in audiology during which students will perform discrete clinical tasks while under supervision.
Prerequisite: SPA 70743 and special approval and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 1 other
Grade Mode: Standard Letter

SPA 70747 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: Practicum or Internship
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 70748 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 70747 and doctoral standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3 other
Grade Mode: Standard Letter
SPA 70749 GRADUATE AUDIOLOGIST III 8 Credit Hours
Full-time clinical practicum in audiology at an off-campus site.
Prerequisite: SPA 70748 and passing score of 600 or higher on the PRAXIS examination and doctoral standing and special approval.
Corequisite: SPA 70791.
Schedule Type: Practicum or Internship
Contact Hours: 8 other
Grade Mode: Standard Letter

SPA 70750 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 70749 and doctoral standing.
Corequisite: SPA 70791.
Schedule Type: Practicum or Internship
Contact Hours: 8 other
Grade Mode: Standard Letter

SPA 70751 GRADUATE AUDIOLOGIST V 3 Credit Hours
Full-time clinical practicum in audiology at an off-campus site.
Prerequisite: SPA 70750 and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 3 other
Grade Mode: Standard Letter

SPA 70791 CLINICAL SEMINAR IN AUDIOLOGY 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: special approval and doctoral standing.
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 audiologic 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: Practicum or Internship
Contact Hours: 18 other
Grade Mode: Standard Letter

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. D.. program and doctoral standing.
Prerequisite: Admission to the AU.
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 undersupervision.
Prerequisite: admission to the audiology (AUD) major; and doctoral standing; and special approval.
Schedule Type: Practicum or Internship
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 undersupervision.
Prerequisite: doctoral standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 18 other
Grade Mode: Standard Letter

SPA 73691 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: Doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

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: Special approval and doctoral standing.
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, 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: Doctoral standing and speech language pathology (SLP) major.
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 (SLP) 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 DYSAURTHRIA 1 Credit Hour
Neuro-anatomy, etiologies, symptomologies, 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
(Slashed with SPED 44310, SPED 64309 and 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
(Slashed with SPA 64310 and 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
(Cross-listed 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 MAXILLOFACIAL ANOMALIES 1-3 Credit Hours
Nature and rehabilitative procedures for individuals with congenital and acquired maxillofacial anomalies and resonance disorders.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

SPA 74356 PEDIATRIC AND ADULT DYSPHAGIA 4 Credit Hours
Anatomy, etiologies, symptomologies, evaluation procedures and treatment techniques relating to swallowing disorders in adults and children.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 4 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: Standard Letter-S/U/IP
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>(Repeatable for credit)A revolving topics seminar on theoretical and/or clinical issues related to neurogenic/organic speech and/or language disorders.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Seminar</td>
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<td></td>
<td><strong>Contact Hours:</strong> 1-3 other</td>
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<tr>
<td>SPA 74492</td>
<td>CLINICAL PRACTICE IN SPEECH PATHOLOGY AND AUDIOLOGY</td>
<td>1-12</td>
<td>Standard Letter-IP</td>
<td>Special approval and doctoral standing.</td>
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<td></td>
<td>(Repeatable for credit)Supervised clinical practice with patients who have speech, hearing, or language problems.</td>
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<td><strong>Prerequisite:</strong> Special approval and doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Practicum or Internship</td>
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<td></td>
<td><strong>Contact Hours:</strong> 1-12 other</td>
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<tr>
<td>SPA 74500</td>
<td>NORMAL LANGUAGE PROCESSES</td>
<td>3</td>
<td>Standard Letter</td>
<td>Doctoral standing; and special approval.</td>
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<td></td>
<td>(Repeatable for credit)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.</td>
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<td><strong>Prerequisite:</strong> Doctoral 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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<tr>
<td>SPA 74501</td>
<td>SOCIAL COMMUNICATION ASPECTS OF AUTISM SPECTRUM DISORDER</td>
<td>3</td>
<td>Standard Letter</td>
<td>Doctoral standing.</td>
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<td></td>
<td>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.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Lecture</td>
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<td></td>
<td><strong>Contact Hours:</strong> 3 lecture</td>
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<tr>
<td>SPA 74504</td>
<td>ADVANCED SPEECH AND VOICE SCIENCE</td>
<td>3</td>
<td>Standard Letter</td>
<td>Doctoral standing.</td>
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<td></td>
<td>Application of normal and disordered speech, swallowing, and voice production and perception; survey of literature; theories of production and perception.</td>
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<td><strong>Prerequisite:</strong> SPA 4/54110 and doctoral 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></td>
<td>(Repeatable for a maximum of 9 credit hours)Seminar dealing with the theoretical and applied aspects of fluency disorders in children and adults.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Seminar</td>
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<td><strong>Contact Hours:</strong> 1-3 other</td>
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<tr>
<td>SPA 74592</td>
<td>CLERKSHIP I</td>
<td>1</td>
<td>Standard Letter-S/U-IP</td>
<td>Admission to the audiology (AUD) major; and doctoral standing; and special approval.</td>
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<td></td>
<td>Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiological diagnosis and audiological rehabilitation are required.</td>
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<td></td>
<td><strong>Prerequisite:</strong> Admission to the audiology (AUD) major; and doctoral standing; and special approval.</td>
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<td><strong>Schedule Type:</strong> Practicum or Internship</td>
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<td></td>
<td><strong>Contact Hours:</strong> 18 other</td>
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<tr>
<td>SPA 74600</td>
<td>RESEARCH METHODS IN SPEECH-LANGUAGE PATHOLOGY</td>
<td>3</td>
<td>Standard Letter</td>
<td>Doctoral standing.</td>
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<td></td>
<td>Methodologies for collecting, analyzing and interpreting data for clinical and research purposes in speech language pathology and audiology.</td>
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<td><strong>Prerequisite:</strong> Doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Seminar</td>
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<td><strong>Contact Hours:</strong> 3 lecture</td>
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<td>SPA 74691</td>
<td>SEMINAR:VOICE DISORDERS</td>
<td>1-3</td>
<td>Standard Letter-S/U-IP</td>
<td>Admission to the audiology (AUD) major; and doctoral standing; and special approval.</td>
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<td></td>
<td>(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.</td>
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<td><strong>Prerequisite:</strong> SPA 6/74306 and doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Seminar</td>
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<td><strong>Contact Hours:</strong> 1-3 other</td>
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<td></td>
<td>Introduction to clinical practicum in audiology. Directed observation of clinical practice including audiological diagnosis and audiological rehabilitation are required.</td>
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<td></td>
<td><strong>Prerequisite:</strong> Admission to the audiology (AUD) major; and doctoral standing; and special approval.</td>
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<td><strong>Schedule Type:</strong> Practicum or Internship</td>
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<td></td>
<td><strong>Contact Hours:</strong> 1 other</td>
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<td></td>
<td>Supervised clinical practicum in audiology which encompasses the entire range of audiological procedures including neurophysiological based procedures.</td>
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<td><strong>Prerequisite:</strong> SPA 70748; and passing score of 600 or higher on the PRAXIS examination; and doctoral standing; and special approval.</td>
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<td><strong>Corequisite:</strong> SPA 70791.</td>
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<td><strong>Schedule Type:</strong> Practicum or Internship</td>
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<td><strong>Contact Hours:</strong> 18 other</td>
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<td></td>
<td>(Repeatable for a maximum of 9 credit hours)Consideration of selected topics related to physiological, anatomical and acoustic aspects of speech production and perception.</td>
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<td><strong>Prerequisite:</strong> SPA 4/54110 or SPA 6/74504 and doctoral standing.</td>
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<td><strong>Schedule Type:</strong> Seminar</td>
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<td><strong>Contact Hours:</strong> 1-3 other</td>
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SPA 74981  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 (SLP) major and doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter-S/U-IP

SPA 74892  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 7075B; and doctoral standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 24 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: Instructor special approval and speech pathology and audiology (SPA) 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
(Cross-listed 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: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 75192  CLINICAL PRACTICUM II IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Cross-listed 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: doctoral standing and special approval; and SPA 75092 with a minimum B grade.
Schedule Type: Practicum or Internship
Contact Hours: 8-12 other
Grade Mode: Standard Letter-IP

SPA 75292  CLINICAL PRACTICUM III IN SPEECH LANGUAGE PATHOLOGY  2-3 Credit Hours
(Cross-listed 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: doctoral standing and special approval; and SPA 75192 with a minimum B grade.
Schedule Type: Practicum or Internship
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 65428.
Prerequisite: doctoral standing and special approval; and SPA 75292 with a minimum B grade.
Schedule Type: Practicum or Internship
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) (Repeatability 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: doctoral standing and special approval; and SPA 75292 or
SPA 75392 with a minimum B grade.
Schedule Type: Practicum or Internship
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP
SPA 75592  EXTERNSHIP IN SPEECH LANGUAGE PATHOLOGY:
PEDIATRIC  4-8 Credit Hours
(Cross-listed with SPA 65592) (Repeatability 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: doctoral standing and special approval; SPA 75292 or
SPA 75392 with a minimum B grade.
Schedule Type: Practicum or Internship
Contact Hours: 20-40 other
Grade Mode: Standard Letter-IP
SPA 75792  INTERNSHIP I  1 Credit Hour
Clinical practicum in audiology during which students perform discrete
tasks undersupervision.
Prerequisite: admission to the audiology (AUD) major; and doctoral
standing; and special approval.
Corequisite: SPA 70709.
Schedule Type: Practicum or Internship
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: SPA 75792; and admission to the audiology (AUD) major;
and doctoral standing; and special approval.
Schedule Type: Practicum or Internship
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  1-6 Credit Hours
(Repeatable for a maximum of 12 credit hours) Independent study of
topics to be selected in consultation with graduate faculty.
Prerequisite: Doctoral standing.
Schedule Type: Individual Investigation
Contact Hours: 1-6 other
Grade Mode: Standard Letter-S/U-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 30905  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 lecture
Grade Mode: Standard Letter
ASEI 43100  SURVEY OF THE INTERPRETING PROFESSION  3 Credit
Hours
(Alased with SPED 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 & 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.
Pre/corequisite: ASL 29201.
Corequisite: ASEI 43106 and SPED 43309.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ASEI 43106  INTRODUCTION TO AMERICAN SIGN LANGUAGE
ENGLISH INTERPRETING  3 Credit Hours
(Cross-listed with SPED 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 & 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.
Pre/corequisite: ASL 29201.
Corequisite: ASEI 43106 and SPED 43309.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ASEI 53100  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
ASEI 63100  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
ASEI 63200  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: ASEI 63100 and doctoral standing and special approval.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

College of Education, Health and Human Services 87
ASEI 43102  INTERPRETING PROCESSES I  3 Credit Hours  
(Slashed with SPED 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.  
Prerequisite: ASL 29201 and ASEI 43100; and ASL English Interpreting (ASEI) major.  
Pre/corequisite: ASL 29202.  
Corequisite: ASL 49401.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43103  INTERPRETING PROCESSES II  3 Credit Hours  
(Slashed with SPED 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 transliterated. There will be clinical application hours that students will need to accrue in this course. Corequisites: ASEI 43310 and ASEI 43111.  
Prerequisite: ASL 29202 and ASEI 43102; and ASL English Interpreting (ASEI) major; and admission to professional phase; and special approval.  
Pre/corequisite: ASL 39201.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43104  INTERPRETING PROCESS III  3 Credit Hours  
(Slashed with SPED 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 clinical application hours that students will need to accrue in this course. Pre/corequisite: ASEI 43112.  
Prerequisite: ASL 39202, ASEI 43107 and SPED 43092; and ASL English Interpreting (ASEI) major; and admission to professional phase.  
Corequisite: ASL 49108.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43105  TRANSLITERATING  3 Credit Hours  
(Slashed with SPED 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: ASEI 43103 and ASL 39201; and ASL English Interpreting (ASEI) major; and admission to professional phase.  
Pre/corequisite: ASL 39202.  
Corequisite: ASEI 43107, ASEI 43310 and SPED 43092.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43106  SCHOOL SETTING INTERPRETING  3 Credit Hours  
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 19202; and American Sign Language/English Interpreting [ASEI] major; and special approval.  
Pre/corequisite: ASL 29201.  
Corequisite: ASEI 43100.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43107  COMMUNITY SETTING INTERPRETING  3 Credit Hours  
(Slashed with SPED 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.  
Prerequisite: ASEI 43103, ASEI 43111, ASL 39201 and SPED 43310; and ASL English Interpreting (ASEI) major; and admission to professional phase.  
Pre/corequisite: ASL 39202.  
Corequisite: ASEI 43110, ASEI 43105 and SPED 43092.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

ASEI 43110  DISCOURSE ANALYSIS FOR INTERPRETERS  3 Credit Hours  
(Slashed with SPED 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 & Action, Cohesion, Rhythm, Rhyme, & Repetition.  
Prerequisite: ASL 39201; and ASEI 43103, ASEI 43111 and ASEI 43310; and admission to the professional phase.  
Pre/corequisite: ASL 39202.  
Corequisite: ASEI 43105 and ASEI 43107.  
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: ASEI 43102 and ASL 49401; and ASL English Interpreting (ASEI) major; and admission to professional phase.  
Pre/corequisite: ASL 39201.  
Corequisite: ASEI 43103 and SPED 43310.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter
ASEI 43112 INTERACTIVE INTERPRETING 3 Credit Hours
(Slashed with SPED 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: ASL 29202, ASL 49401, ASEI 43100, ASEI 43102, ASEI 43103, ASEI 43106 and SPED 43309; and ASL English Interpreting (ASEI) major; 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 3 Credit Hours
(Slashed with SPED 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 papers to increase students' abilities to apply this to their interpretations.
Prerequisite: ASL 292001 and ASEI 43100; and ASL English Interpreting (ASEI) major.
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) Field-based practicum experience provides pre-service educational interpreters with opportunity to participate with currently practicing master educational interpreters. Students placed in education and/or community settings. University supervisor and teacher mentor observe and assess student skill. 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. 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 have passed the SLPI or ASLPI on or before Oct. 31st the semester prior.
Prerequisite: ASEI 43104, ASEI 43112 and ASL 49108; and ASL English Interpreting (ASEI) major; and admission to professional phase; and special approval.
Corequisite: ASEI 49625.
Schedule Type: Practicum or Internship
Contact Hours: 27 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

ASEI 49625 INQUIRY SEMINAR FOR ASL-ENGLISH INTERPRETERS 3 Credit Hours
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: ASL 49108, ASEI 43104 and ASEI 43112; and ASL English Interpreting (ASEI) major; and admission to professional phase.
Corequisite: SPED 43192.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

Career and Community Services (CCS)

CCS 00005 COLLEGE ORIENTATION 1 Credit Hour
This course introduces students to the expectations and responsibilities of being a college student. Students will be provided with valuable information of the resources and activities available at Kent State. Students will explore personal values, skills, abilities, and beliefs, and learn how to set academic goals that will guide them throughout their college experience. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Satisfactory/Unsatisfactory

CCS 00010 PERSONAL EXPLORATION I: NUTRITION AND PHYSICAL FITNESS 3 Credit Hours
This course focuses on the importance of nutrition and physical exercise in order to take care of and to improve upon one's personal health needs.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00015 ACADEMIC EXPERIENCE I: DISABILITY AWARENESS 3 Credit Hours
This course promotes development of self-awareness through identifying personal strengths and needs, and self-advocacy skills through various methods of communication. Students will learn of their rights, responsibilities, and of the disabilities laws that help them to advocate for necessary supports.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00020 TECHNOLOGY LABORATORY I 1 Credit Hour
This course is an introduction to the uses of Flashline, BlackBoard Learn, and Microsoft Word to enhance student academic performance.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
CCS 00025  FINANCIAL LITERACY I  1 Credit Hour
This introductory course will provide the student with an opportunity to develop attitudes and skills to achieve personal financial wellness and satisfaction. Topics include setting up a budget, identifying where one might save money in daily living, calculating wages and understanding federal, state, and local taxes.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00030  PHYSICAL EDUCATION I  1 Credit Hour
Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will practice appropriate personal and social skills, and demonstrate abilities to manage course responsibilities.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00035  HEALTH AND WELLNESS I: PERSONAL SOCIAL 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 both in and outside of the classroom. The student creates a portfolio of course assignments for evaluation.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00105  INTRODUCTION TO CAREER EXPLORATION  1 Credit Hour
Students begin the exploration process that helps them to become aware of their specific abilities, interests, and needs, and how these relate to their future life work.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00110  PERSONAL EXPLORATION II: INDEPENDENT LIVING AND LEISURE EDUCATION  3 Credit Hours
This course focuses on two different but related topics. The first half of the semester is designed to provide college students with the opportunity to explore and develop personal leisure values, and expand their leisure interests. During the second half of the semester, students will practice various independent living skills in order to become more responsible adults.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00115  ACADEMIC EXPERIENCE II: 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 (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00120  TECHNOLOGY LABORATORY II  1 Credit Hour
Introduction to the uses of Microsoft Power Point, Publisher, and Excel in order to connect knowledge and learning experiences for student success.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

CCS 00125  FINANCIAL LITERACY II  1 Credit Hour
This course will provide the student with a more detailed opportunity to reflect on one's desire and ability to save money. It will include a wide variety of ways to save, as well as, how finance institutions can help your savings grow.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00130  PHYSICAL EDUCATION II  1 Credit Hour
Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will advance appropriate personal and social skills, and demonstrate increased abilities to manage course responsibilities. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00135  HEALTH AND WELLNESS II: HUMAN SEXUALITY  3 Credit Hours
Focus of the course is to understand behaviors and issues related to human sexuality.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00196  FRESHMAN INDIVIDUAL STUDY  1-3 Credit Hours
(Repealtable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering; with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP
CCS 00205 CAREER EXPLORATION I 1 Credit Hour
This course promotes assessment of specific career skills, interests, and needs, and how these relate to future life work. The student develops career awareness through evaluation of past experiences that have influenced career development and uses person-centered planning tools to develop and implement meaningful future career goals.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00210 ACADEMIC SUCCESS I 4 Credit Hours
This introductory course is designed to teach many different literacy (e.g. reading, writing, speaking, and technology) skills that college students must develop in order to have academic and social success. The student will practice to communicate effectively through speaking and writing, and will complete coursework assignments in a laboratory setting using accurate grammar, capitalization, and punctuation.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 9 lab
Grade Mode: Standard Letter

CCS 00215 INTRODUCTION TO COMMUNICATION SKILLS 3 Credit Hours
This course explores communication theories and practices in group, interpersonal, and public contexts. Students explore the processes of active listening, developing effective communication skills, and the processes of organizing thoughts into clear messages so that others may more easily understand.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

CCS 00225 FINANCIAL LITERACY III 1 Credit Hour
This course provides the student with real-life situations to practice basic math skills used in budgeting and managing money wisely. The student recognizes the hidden costs associated with many of the essentials and conveniences they use daily.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00235 HEALTH AND WELLNESS III: INJURY PREVENTION 3 Credit Hours
The focus of the course is to understand behaviors and issues related to personal injury and safety.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00292 SOPHOMORE PRACTICUM I 3 Credit Hours
(Repeatable for credit) This course provides the student with the opportunity to develop crucial work skills that are important in any employment positions. The student gains self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter-IP

CCS 00296 SOPHOMORE INDEPENDENT STUDY 1-3 Credit Hours
(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

CCS 00305 CAREER EXPLORATION II 1 Credit Hour
The purpose of this course is to help the student to narrow career possibilities and to identify the career of their choice. The student conducts research into an identified career field in order to list the necessary skills, to investigate local occupational opportunities, and to specify any training experiences that are available to advance knowledge and skills in this area.
Prerequisite: Career and Community Studies (CCS) major; and CCS 00205.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00310 ACADEMIC SUCCESS II 4 Credit Hours
This course supports the student as they advance skills in learning strategies and study skills, and as they apply them in coursework that prepares for a specific career interest. The student practices effective communication through reading, writing, and speaking while completing coursework assignments using accurate grammar, capitalization, and punctuation.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Combined Lecture and Lab
Contact Hours: 1 lecture, 9 lab
Grade Mode: Standard Letter

CCS 00325 FINANCIAL LITERACY IV 1 Credit Hour
The student will understand how credit card debt, personal loans for housing, leisure, or transportation needs, and investing in savings and bonds can have an effect on the lifestyle that one hopes to achieve. Making wise financial decisions and planning is important when becoming an independent adult.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00335 HEALTH AND WELLNESS IV: HEALTHY LIVING AND SUBSTANCE ABUSE 3 Credit Hours
This course will support behavior that encourages students to make responsible choices for lifelong health and wellness through instruction and active participation. Topics to be discussed include personal and social skills, nutrition and fitness, developing coping skills, sexuality education, substance use, and injury prevention.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CCS 00392 SOPHOMORE PRACTICUM II 3 Credit Hours
(Repeatable for credit) This course provides the student with additional opportunities to develop crucial work skills that are important in all employment positions. The student expands self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter-IP

CCS 00395 SPECIAL TOPICS 1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00396 JUNIOR INDEPENDENT STUDY 1-3 Credit Hours
(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

CCS 00405 CAREER PREPARATION I: CHOOSING YOUR CAREER 3 Credit Hours
This course prepares the student for entering the work force by creating a resume, practicing interviewing skills, and by developing networks of people who can help them to achieve their career goals. The student will participate in job shadowing opportunities in order to better understand the expectations and requirements of the career field of interest.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00409 ACADEMIC SUPPORT I 3 Credit Hours
This course provides support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills and monitors academic progress; and as they complete course assignments while working towards becoming an organized and self-determined student.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00496 SENIOR INDEPENDENT STUDY 1-3 Credit Hours
Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

CCS 00505 CAREER PREPARATION II 3 Credit Hours
This course is designed to continue to prepare the student for entering into the work force by expanding interview skills and by locating and utilizing resources such as state employment and vocational rehabilitation services to promote career decisions.
Prerequisite: Career and Community Studies (CCS) major; and CCS 00405.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00520 ACADEMIC SUPPORT II 3 Credit Hours
This sequenced course continues to provide support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills, monitors progress, and receives support as they complete course assignments pertaining to career goals while working towards becoming an organized and self-determined student.
Prerequisite: Career and Community Studies (CCS) major; and CCS 00420.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CCS 00592 JUNIOR PRACTICUM IV  4 Credit Hours
(Repeatable for credit) This course provides additional opportunities for the student to be exposed to the requirements and environments of the career field to ensure the student's commitment to the career choice. Additionally, the student continues to develop appropriate work habits and behaviors while obtaining specific occupation skills. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 12 other
Grade Mode: Standard Letter-IP

CCS 00595 SPECIAL TOPICS  1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 9 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00605 COMMUNITY LIFE I: LIFE AFTER COLLEGE  1 Credit Hour
This course guides the student as they plan for transitioning back to the community in which they will live after graduation. The student considers personal strengths, preferences, interests, and needs as they identify the various advantages and disadvantages of their chosen community.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00606.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00606 COMMUNITY LIFE I LABORATORY  3 Credit Hours
Using the Personal Profile created in a coexisting course, the student conducts a thorough investigation into their community by researching all of the advantages, disadvantages, resources, demographics, and necessary amenities available to community residents. The student will then develop a Community Life Plan.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00605.
Schedule Type: Laboratory
Contact Hours: 9 lab
Grade Mode: Standard Letter

CCS 00692 SENIOR INTERNSHIP I  1-12 Credit Hours
(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student's career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-36 other
Grade Mode: Standard Letter-IP

CCS 00695 SPECIAL TOPICS  1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00705 COMMUNITY LIFE II: MAKING COMMUNITY CONNECTIONS  1 Credit Hour
The student will develop strategies to implement the Community Life Plan. Steps will be generated to serve as a guide and checklist as students establish the necessary connections to resources such as service and medical providers, community organizations, employment, public transportation, and residential living.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00705.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00706 COMMUNITY LIFE II LABORATORY  3 Credit Hours
The student will implement the goals established in their Community Life Plan that was developed in a coexisting course. This is a hands-on course where the student will travel to each of the resources recorded in their Plan so that they become familiar with their community in order to increase confidence in abilities and to make crucial connections necessary for independent adult living.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00705.
Schedule Type: Laboratory
Contact Hours: 9 lab
Grade Mode: Standard Letter

CCS 00792 SENIOR INTERNSHIP II  1-12 Credit Hours
(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student's career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-36 other
Grade Mode: Standard Letter-IP

CCS 00795 SPECIAL TOPICS  1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded. Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

College of Education, Health and Human Services  93
### Counselor Education and Supervision (CES)

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#### CES 20092 Field Experience I: Middle Childhood (ELR)
- **Credit Hours:** 1
- **Grade Mode:** Standard Letter
  - **Schedule Type:** Field Experience
  - **Contact Hours:** 3 other
  - **Corequisite:** HDFS 24013.

#### CES 34650 Practices and Theories in Addictions Counseling
- **Credit Hours:** 3
- **Grade Mode:** Standard Letter
- **Corequisite:** CES 37662.
- **Schedule Type:** Lecture
- **Contact Hours:** 3 lecture
- **Prerequisite:** CES 37665.

#### CES 34654 Evidence-Based Approaches in Addictions Counseling
- **Credit Hours:** 3
- **Grade Mode:** Standard Letter
- **Corequisite:** CES 37665 or CES 37666.
- **Schedule Type:** Lecture
- **Contact Hours:** 3 lecture
- **Prerequisite:** CES 37665.

#### CES 37662 Introduction to Addictions Counseling
- **Credit Hours:** 3
- **Grade Mode:** Standard Letter
- **Corequisite:** None.
- **Schedule Type:** Lecture
- **Contact Hours:** 3 lecture
- **Prerequisite:** None.

#### CES 37665 Planning Care in Addictions Counseling
- **Credit Hours:** 3
- **Grade Mode:** Standard Letter
- **Corequisite:** CES 34650.
- **Schedule Type:** Lecture
- **Contact Hours:** 3 lecture

#### CES 37668 Introduction to Motivational Interviewing
- **Credit Hours:** 3
- **Grade Mode:** Standard Letter
- **Corequisite:** CES 37654 or CES 37665.
- **Schedule Type:** Lecture
- **Contact Hours:** 1-4 other
- **Prerequisite:** None.
- **Grade Mode:** Standard Letter-IP

#### CES 37692 Addictions Counseling Practicum (ELR)
- **Credit Hours:** 3-9
- **Grade Mode:** Standard Letter
- **Corequisite:** CES 37665 or CES 37666.
- **Schedule Type:** Lecture, Practicum or Internship
- **Contact Hours:** 1 lecture, 14-56 other
- **Prerequisite:** None.
- **Grade Mode:** Standard Letter-IP
- **Attributes:** Experiential Learning Requirement

#### CES 37800 Small Group Process
- **Credit Hours:** 2
- **Grade Mode:** Standard Letter
- **Corequisite:** HED 34060
- **Schedule Type:** Lecture
- **Contact Hours:** 2 lecture
- **Prerequisite:** None.

#### CES 40093 Variable Title Workshop in Counselor Education and Supervision
- **Credit Hours:** 1-4
- **Grade Mode:** Standard Letter
- **Corequisite:** None.
- **Schedule Type:** Workshop
- **Contact Hours:** 1-4 other
- **Prerequisite:** None.
- **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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
Prerequisite: Graduate standing.
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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
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: Minimum B- (2.700) grade in CES 67530 and CES 67531 and CES 67580 and CES 67668 and CES 67820 and CES 68126 and CES 68182; and clinical mental health counseling (CMHC) major; and graduate standing.
Schedule Type: Practicum or Internship
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, agism, 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) (Cross-listed with CES 77592) Involves individual 
counseling and group work with appropriate populations. Caseload 
gear toward preparation for internship.  
Prerequisite: CES 67492 with a minimum B- grade; and minimum B- 
(2.700) in CES 67628 or 77628; and graduate standing.  
Schedule Type: Practicum or Internship  
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. Satisfactory/unsatisfactory (S/U) 
graded. In-progress (IP) mark permissible.  
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 CHDS 77628) To 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 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  

CES 67665  TREATMENT PLANNING IN ADDICTIONS COUNSELING 3  
Credit Hours  
(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  

CES 67666  EVIDENCE-BASED PRACTICES IN ADDICTIONS  
COUNSELING 3 Credit Hours  
(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  

CES 67668  MOTIVATIONAL INTERVIEWING 3 Credit Hours  
(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  

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 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 67692  PRACTICUM IN ADDICTIONS COUNSELING  3-6 Credit Hours
(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, Practicum or Internship
Contact Hours: 1 lecture, 14-35 other
Grade Mode: Standard Letter-IP

CES 67695  SPECIAL TOPICS IN CLINICAL MENTAL HEALTH COUNSELING  1-3 Credit Hours
(Repeatable for credit) (Cross-listed 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

CES 67698  INDIVIDUAL RESEARCH IN CLINICAL MENTAL HEALTH COUNSELING  1-9 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: graduate standing and special approval.
Schedule Type: Research
Contact Hours: 1-9 other
Grade Mode: Satisfactory/Unsatisfactory

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 (CMHC) major; and graduate standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 3 lecture, 20 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
(Cross-listed 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: grading 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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
Prerequisite: clinical mental health counseling (CMHC) major; and graduate standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
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: minimum grade of B- (2.700) in 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: Minimum grade of B- (2.700) in 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 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: Minimum grade of B- (2.700) in 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  
(Repeatable for credit) 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: Minimum grade of B- (2.700) in 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: Grade of S in CES 67492 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: Graduate 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, Practicum or Internship  
Contact Hours: 3 lecture, 20 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

CES 68284  SUPERVISION OF COUNSELING  3 Credit Hours  
(Repeatable twice for credit) (Slashed with CES 88284) Focusses 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: Grade of S in CES 67592 or 77592; 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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.  
Prerequisite: graduate standing and special approval.  
Schedule Type: Lecture, Practicum or Internship  
Contact Hours: 2 lecture, 20 other  
Grade Mode: Satisfactory/Unsatisfactory-IP
CES 68392 SCHOOL COUNSELING PRACTICUM 3 Credit Hours
Supervised counseling practice in the counseling and human
development center and/or in the schools. Engage in counseling
with children, teachers and colleagues. Direct observation and audio
video recording and supervisory critiques used for counseling skills.
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. Satisfactory/unsatisfactory (S/U)
graded. In-progress (IP) mark permissible.
Prerequisite: CES 67530 and CES 67531 and CES 67820 and CES 68069;
and graduate standing.
Schedule Type: Practicum or Internship
Contact Hours: 20 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CES 68529 COUPLES THERAPY: THEORY AND TECHNIQUES 3 Credit Hours
(Cross-listed 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: graduate standing; CES 67580 or CES 77580 and CES 67531
or CES 77531.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark
permissible.
Prerequisite: doctoral standing.
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 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, agism, 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) (Cross-listed with CES 67592) Involves individual
counseling and group work with appropriate populations. Caseload
grounded toward preparation for internship. Controlled registration.
Prerequisite: Minimum B- in CES 77628; and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 16 other
Grade Mode: Standard Letter

CES 77628 DIAGNOSIS IN COUNSELING 3 Credit Hours
(Slashed with CES 67628) To 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
<table>
<thead>
<tr>
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<tbody>
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<td>(Slashed with CES 67820) 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.</td>
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<tr>
<td>Prerequisite:</td>
<td>Doctoral standing.</td>
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<tr>
<td>Schedule Type:</td>
<td>Lecture</td>
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<tr>
<td>Contact Hours:</td>
<td>3 lecture</td>
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<tr>
<td>Grade Mode:</td>
<td>Standard Letter</td>
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<tr>
<td>CES 77858</td>
<td>SEMINAR: GROUP COUNSELING</td>
<td>2</td>
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<td></td>
<td>(Cross-listed with CES 67858) Study and experience of various theoretical and methodological and practical approaches to group counseling. Includes experience as counselor and participant in peer counseling group.</td>
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<tr>
<td>Prerequisite:</td>
<td>Doctoral standing and special approval.</td>
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<tr>
<td>Schedule Type:</td>
<td>Seminar</td>
<td></td>
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<tr>
<td>Contact Hours:</td>
<td>3 other</td>
<td></td>
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<tr>
<td>Grade Mode:</td>
<td>Standard Letter</td>
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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: minimum grade of B- (2.700) in CES 67530 or CES 77530;
and minimum grade of B- (2.700) in CES 67531 and 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: Minimum grade of B- (2.700) in 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: Minimum grade of B- (2.700) in 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
(Cross-listed 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 (CES) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 14 other
Grade Mode: Standard Letter

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 (CES) 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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
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 [CES] 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 [CES] major.
Schedule Type: Practicum or Internship
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 (CES) major.
Schedule Type: Practicum or Internship
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 INDIV INVEST IN CES 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. Satisfactory/unsatisfactory (S/U) graded. In-progress (IP) mark permissible.
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: Minimum grade of B- in 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; doctoral standing.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

CES 88284 SUPERVISION OF COUNSELING 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: CES 67592 or CES 77592 with a grade of S; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CES 88282 SUPERVISION PRACTICUM IN COUNSELOR EDUCATION AND SUPERVISION 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.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter

CES 88492 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 TEACHING PRACTICUM IN COUNSELOR EDUCATION AND SUPERVISION 3 Credit Hours
(Repeatable for credit) Supervised experience in the practice of college teaching in Counselor Education and Supervision. Students meet for group supervision to assess their effectiveness in college teaching. Live video and audio supervisory processes will be utilized to assist with skill development. Limited to 6 students.
Prerequisite: CES 88294; and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter

CES 88492 SUPERVISION PRACTICUM IN COUNSELOR EDUCATION AND SUPERVISION 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 [CES] major.
Schedule Type: Practicum or Internship
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-let 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) (Cross-listed 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 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

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

EPSY 65520 CHILD AND ADOLESCENT DEVELOPMENT 3 Credit Hours
(Cross-listed 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 ADULT DEVELOPMENT 3 Credit Hours
(Cross-listed with EPSY 75521) Essential dimensions of human development and learning, the causal factors and the research findings which carry implications for educators in various settings, focusing on early through late adulthood.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 65523 LIFE SPAN DEVELOPMENT 3 Credit Hours
(Cross-listed 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 LEARNING THEORIES 3 Credit Hours
(Cross-listed with EPSY 75524) 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 65529 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 68901 PSYCHOLOGICAL FOUNDATIONS OF EDUCATION 3 Credit Hours
(Cross-listed with EPSY 78901) Overview of human development, particularly adolescence, and implications for educational policy and programming, generally and specifically for secondary schools. A.T. program and graduate standing.
Prerequisite: Admission to the M.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 68905 EDUCATIONAL PSYCHOLOGY 3 Credit Hours
(Cross-listed 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.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 69091 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: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-5 other
Grade Mode: Standard Letter

EPSY 69092 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: Graduate standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3.333-20 other
Grade Mode: Satisfactory/Unsatisfactory-IP
EPSY 69095  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: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

EPSY 69096  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: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EPSY 69098  RESEARCH IN LEARNING AND DEVELOPMENT  1-15 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: Graduate standing and special approval.
Schedule Type: Research
Contact Hours: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EPSY 70093  VARIABLE TOPIC WORKSHOP IN EDUCATIONAL PSYCHOLOGY  1-4 Credit Hours
(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.
Prerequisite: Doctoral standing and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

EPSY 70094  COLLEGE TEACHING  3 Credit Hours
(Repeatable for credit) Discusses major aspects of teaching in higher education, including such topics as students' philosophy of teaching, principles of adult learning, instructional strategies, students' assessment.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 75520  CHILD AND ADOLESCENT DEVELOPMENT  3 Credit Hours
(Cross-listed 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.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 75521  ADULT DEVELOPMENT  3 Credit Hours
(Cross-listed with EPSY 65521) Essential dimensions of human development and learning, the causal factors and the research findings which carry implications for educators in various settings; focusing on early through late adulthood.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 75523  LIFE SPAN DEVELOPMENT  3 Credit Hours
(Cross-listed 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.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 75524  LEARNING THEORIES  3 Credit Hours
(Cross-listed with EPSY 65524) 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 75529  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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 78901  PSYCHOLOGICAL FOUNDATIONS OF EDUCATION  3 Credit Hours
(Cross-listed with EPSY 68901) Overview of human development and its implications for educational policy and programming for schools.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EPSY 78905  EDUCATIONAL PSYCHOLOGY  3 Credit Hours
(Cross-listed 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 80199  DISSENTATION 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

EPSY 80299  DISSENTATION 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: Doctoral standing; EPSY 80199.
Schedule Type: Dissertation
Contact Hours: 15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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: Practicum or Internship
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

EPSY 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: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

EPSY 89098  RESEARCH IN LEARNING AND DEVELOPMENT  1-15 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: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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) (Cross-listed with GERO 51095) 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 43092  PRACTICUM IN NURSING HOME ADMINISTRATION I (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 GERO 44032; and human development and family studies (HDFS) majors; and senior standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

GERO 43192  PRACTICUM IN NURSING HOME ADMINISTRATION II (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 GERO 43092; and human development and family studies (HDFS) major; and senior standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

GERO 44030  ADULT DEVELOPMENT AND AGING (WIC)  3 Credit Hours
(Cross-listed with GERO 54030) Examines developmental processes across adulthood. Evaluation of theoretical models and scientific literature.
Prerequisite: admission into the HDFS Professional Phase.
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: GERO none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

GERO 44032  LONG TERM CARE ADMINISTRATION  3 Credit Hours
(Cross-listed with GERO 54032) Presents an overview and introduction to the principles of long-term care (LTC) administration and other administration options.
Prerequisite: nursing (NURS), human development and family studies (HDFS), integrated life science (ILS) or integrated health science (IHS) majors; junior or senior standing.
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: HDFS 44018; human development and family studies (HDFS) majors and senior standing; and special approval.
Schedule Type: Practicum or Internship
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) (Cross-listed 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
(Cross-listed 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 54032  LONG TERM CARE ADMINISTRATION  3 Credit Hours
(Slashed with GERO 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

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 multi-disciplinary perspective.
Prerequisite: Graduate standing and special approval.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

GERO 63092 PRACTICUM IN NURSING HOME ADMINISTRATION I 6 Credit Hours
Internship in skilled nursing facility. One, 3 hour, on-campus seminar every three weeks (meets five times). Weekly one hour online lectures and discussions also take place. Approximately 35 clock hours per week at internship site is required.
Prerequisite: GERO 54032; and graduate standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 2 lecture, 33.33 other
Grade Mode: Standard Letter

GERO 63192 PRACTICUM IN NURSING HOME ADMINISTRATION II 6 Credit Hours
Internship in skilled nursing facility. One, 3 hour, on-campus seminar every three weeks (meets five times). Weekly one hour online lectures and discussions are held each week. Approximately 35 clock hours per week at internship is required.
Prerequisite: GERO 54032 and GERO 63092; and graduate standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 2 lecture, 33.33 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

HDFS 24011 INTERPERSONAL RELATIONSHIPS AND FAMILIES (DIVD) 3 Credit Hours
(Equivalent to 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

HDFS 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

HDFS 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

HDFS 25512 MANAGEMENT OF FAMILY RESOURCES 3 Credit Hours
Management as applied to individuals, families and human service professionals.
Prerequisite: HDFS 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 34031 CULTURAL DIVERSITY: IMPLICATIONS FOR THE HELPING PROFESSIONS 3 Credit Hours
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.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

Human Development and Family Studies (HDFS)

HDFS 14027 INTRODUCTION TO HUMAN DEVELOPMENT AND FAMILY STUDIES 3 Credit Hours
This course is intended to introduce students to the study of lifespan development and family studies. Career opportunities available to Human Development and Family Studies (HDFS) 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
HDFS 41093 VARIABLE TOPIC WORKSHOP: HUMAN DEVELOPMENT
AND FAMILY STUDIES 1-3 Credit Hours
(Repeatable for credit) Workshop setting dealing with a topic or topics
in human development and family studies. Learning experiences are
provided in a wide range of areas.
Prerequisite: None.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

HDFS 41095 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY
STUDIES 1-4 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 51095) Discussion of a
major topic within human development or family studies.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

HDFS 41096 INDIVIDUAL INVESTIGATION 1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 51096) Independent study
in human development and family studies.
Prerequisite: Written special approval from instructor.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HDFS 42092 HUMAN DEVELOPMENT AND FAMILY STUDIES STUDY
AWAY EXPERIENCE (ELR) 3 Credit Hours
(Repeatable twice for credit) Exploration of human development and
family studies-related topics while visiting various cultural contexts.
Prerequisite: 2.750 cumulative GPA and special approval.
Schedule Type: Field Experience
Contact Hours: 9 other
Grade Mode: Standard Letter-IP
Attributes: Experiential Learning Requirement

HDFS 44018 PROFESSIONAL DEVELOPMENT IN HUMAN
DEVELOPMENT/FAMILY STUDIES 3 Credit Hours
Preparation of students for professional work experiences as well as
providing an opportunity to discuss recent developments in the fields of
human development, family studies and gerontology.
Prerequisite: admission into the HDFS Professional Phase and senior
standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44021 FAMILY INTERVENTION ACROSS THE LIFESPAN 3
Credit Hours
(Cross-listed with HDFS 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.
Prerequisite: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44022 CHANGING ROLES OF MEN AND WOMEN 3 Credit
Hours
(Slashed with HDFS 54022) A study of roles of men and women, past,
present and future.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44023 BUILDING FAMILY STRENGTHS 3 Credit Hours
(Cross-listed with HDFS 54023) The Building Family Strengths Model builds upon family life potential; based on extensive research
emphasizing identified family strengths.
Prerequisite: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44024 PARENT-CHILD RELATIONSHIPS 3 Credit Hours
(Cross-listed with HDFS 54024) 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: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44025 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: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HDFS 44032  NONPROFIT FUNDRAISING AND GRANTWRITING  3 Credit Hours
(Slashed with HDFS 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

HDFS 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

HDFS 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

HDFS 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: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44036  GENERAL CASE MANAGEMENT METHODS  3 Credit Hours
Examination of case management processes and strategies, with focus on community resources to meet client needs in the human service setting.
Prerequisite: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44037  POSITIVE YOUTH DEVELOPMENT  3 Credit Hours
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: HDFS 44020 and admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44038  PROFESSIONAL CHILD AND YOUTH WORK PRACTICE  3 Credit Hours
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: admission into the HDFS Professional Phase.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44039  BERREAVEMENT, TRAUMA AND OTHER LOSSES  3 Credit Hours
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: HDFS 24011.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 44092  PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY STUDIES (ELR)  3-6 Credit Hours
(Repeatable for credit) (Slashed with HDFS 54092) Observation and participation in child, family and social service agencies. One class discussion per 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 schoolagency before the first day of the semester in which student teaching internship will take place. Major GPA of 2.250 is required.
Prerequisite: HDFS 44018; and admission into the HDFS Professional Phase; and senior standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 1 lecture, 14-35 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement
HDFS 44192  INTERNSHIP IN HUMAN DEVELOPMENT AND FAMILY STUDIES-CASE MANAGEMENT I (ELR)  3-6 Credit Hours
(Repeatable for credit) Supervised field experience in a human service agency. Joint university-agency supervision.
Prerequisite: junior standing and admission into HDFS Professional Phase.
Corequisite: HDFS 44035.
Schedule Type: Practicum or Internship
Contact Hours: 3-6 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

HDFS 44292  INTERNSHIP IN HUMAN DEVELOPMENT AND FAMILY STUDIES-CASE MANAGEMENT II (ELR)  3-6 Credit Hours
(Repeatable for credit) Continued supervised field experience in a human service agency. Joint university-agency supervision.
Prerequisite: HDFS 44192, and junior standing; and admission into the HDFS Professional Phase.
Corequisite: HDFS 44036.
Schedule Type: Practicum or Internship
Contact Hours: 9-18 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

HDFS 51093  VARIABLE TITLE WORKSHOP IN HUMAN DEVELOPMENT AND FAMILY STUDIES  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 41093) Workshop setting dealing with a topic or topics in human development and family studies. 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

HDFS 51095  SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY STUDIES  1-4 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 41095) Discussion of a major topic within human development and family studies.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter

HDFS 51096  INDIVIDUAL INVESTIGATION  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with HDFS 41096) Independent study in human development and/or family studies.
Prerequisite: Graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

HDFS 52092  HUMAN DEVELOPMENT AND FAMILY STUDIES STUDY AWAY EXPERIENCE  3 Credit Hours
(Repeatable twice for credit) Exploration of human development and family studies-related topics while visiting various cultural contexts.
Prerequisite: graduate standing and special approval.
Schedule Type: Field Experience
Contact Hours: 9 other
Grade Mode: Standard Letter-IP

HDFS 54020  ADOLESCENT DEVELOPMENT  3 Credit Hours
(Cross-listed with HDFS 44020) Adolescent development with emphasis on forces related to adolescent behavior. Evaluation of current research.
Prerequisite: Human Development and Family Studies (HDFS) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 54021  FAMILY INTERVENTION ACROSS THE LIFE SPAN  3 Credit Hours
(Cross-listed with HDFS 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 Studies (HDFS) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 54022  CHANGING ROLES OF MEN AND WOMEN  3 Credit Hours
(Slashed with HDFS 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

HDFS 54023  BUILDING FAMILY STRENGTHS  3 Credit Hours
(Cross-listed with HDFS 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

HDFS 54024  PARENT-CHILD RELATIONSHIPS  3 Credit Hours
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 Studies (HDFS) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 54025  FAMILY POLICY  3 Credit Hours
(Cross-listed with HDFS 44025) 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 Studies (HDFS) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
HDFS 54032  NONPROFIT FUNDRAISING AND GRANTWRITING  3 Credit Hours
(Replaces with HDFS 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

HDFS 54037  POSITIVE YOUTH DEVELOPMENT  3 Credit Hours
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: HDFS 54020 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 54038  PROFESSIONAL CHILD AND YOUTH WORK PRACTICE  3 Credit Hours
(Replaces with HDFS 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 an 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 studies (HDFS) major, graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

HDFS 54039  Bereavement, Trauma and Other Losses  3 Credit Hours
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

HDFS 54092  PRACTICUM IN HUMAN DEVELOPMENT AND FAMILY STUDIES  3-6 Credit Hours
(Repeatable for credit) (Replaces with HDFS 44092) Observation and participation in child, family and human service agencies.
Prerequisite: Human Development and Family Studies (HDFS) major; and graduate standing; and special approval.
Schedule Type: Lecture, Practicum or Internship
Contact Hours: 1 lecture, 1-35 other
Grade Mode: Standard Letter

HDFS 61091  SEMINAR  2,3 Credit Hours
(Repeatable for credit) Evaluation and interpretation of recent literature in human development and/or family studies. 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

HDFS 61098  RESEARCH  1-15 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: 1-15 other
Grade Mode: Satisfactory/Unsatisfactory-IP

HDFS 61198  MASTER'S PROJECT  2-6 Credit Hours
(Repeatable for credit) (Cross-listed with NUTR 61198) 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: Special approval and graduate standing.
Schedule Type: Master's Project
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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

HDFS 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
HDFS 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

HDFS 64026  PROFESSIONAL ISSUES IN HUMAN DEVELOPMENT AND FAMILY STUDIES  2 Credit Hours
This course covers ethical and professional issues related to the field of human development and family studies. 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

HDFS 64027  EARLY ADOLESCENCE  3 Credit Hours
Examines the fundamental changes, social contexts and psychosocial processes involved in human development from ages eight through 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

Rehabilitation Counseling and Training (RHAB)

RHAB 47712  INTRODUCTION TO REHABILITATION  3 Credit Hours
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: Junior or senior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 57712  INTRODUCTION TO REHABILITATION  3 Credit Hours
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

RHAB 60093  VARIABLE TITLE WORKSHOP IN REHABILITATION COUNSELING  1-4 Credit Hours
(Repeatable for credit)
Prerequisite: Graduate standing and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RHAB 60199  THESIS I  2-6 Credit Hours
Thesis students must register each semester until all degree requirements are met.
Prerequisite: Graduate standing.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

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

RHAB 67723  MEDICAL INFORMATION FOR REHABILITATION COUNSELORS  3 Credit Hours
(Slashed with RHAB 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: Clerkship
Contact Hours: 3 other
Grade Mode: Standard Letter

RHAB 67725  PSYCHOSOCIAL IMPACT OF DISABILITY  3 Credit Hours
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

RHAB 67728  ADJUSTMENT AND TRAINING GROUPS  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

RHAB 67729  MEASUREMENT AND APPRAISAL IN REHABILITATION  3 Credit Hours
Review of measurement theory and principles as applied in rehabilitation. Demonstration of instruments used in vocational assessment. Simulation of psychological consultation.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
RHAB 67730  POLICIES AND PRACTICES FOR REHABILITATION COUNSELORS OF THE DEAF  3 Credit Hours
Designed to integrate coursework in Rehabilitation and Deaf Education with field experiences in preparation for interning with an RCD by building upon coursework and field experiences to examine the unique issues, accommodations, and modifications needed when applying these processes to DHH individuals. The course addresses cultural, linguistic, and experiential issues that impact achievement, assessment, vocational identity and skills, career education and training, counseling theory and practice, and employer and employment site preparation with a focus on identification and use of research-based exemplary practices. It also provides specific consumer, vendor, organizational, political, social, and educational aspects facing RCDs.  
Prerequisite: rehabilitation Counseling and Training (RHAB) major and graduate standing.  
Schedule Type: Lecture 
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RHAB 67731  INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS  3 Credit Hours
(Slashed with RHAB 77731) (Cross-listed with SPSY 67929 and 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

RHAB 67732  OCCUPATIONAL ASPECTS OF DISABILITY  3 Credit Hours
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: RHAB 67729 or 77729; and graduate standing.  
Schedule Type: Lecture 
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RHAB 67743  PSYCHIATRIC REHABILITATION  3 Credit Hours
(Slashed with RHAB 77743) Review of psychiatric, alcohol and other drug related disabilities and their treatment. Topics include psychosocial rehabilitation, case management, and psychotropic medication.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture 
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RHAB 67744  DRUG AND ALCOHOL REHABILITATION  3 Credit Hours
(Slashed with RHAB 77744) Review of substance abuse treatments, trends, modalities and community agencies; vocational implications of substance abuse; vocational assessment issues and job placement options.  
Prerequisite: Graduate standing.  
Schedule Type: Lecture 
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RHAB 67776  SEMINAR ON RESEARCH IN DISABILITIES  3 Credit Hours
Survey of the research literature in disabilities. Guidelines for evaluating and implementing research findings. Acquaints students with current research. Evaluation of design statistical analysis and conclusions.  
Prerequisite: graduate standing. 
Corequisite: EVAL 65510.  
Schedule Type: Seminar 
Contact Hours: 3 other  
Grade Mode: Standard Letter

RHAB 67792  INDIVIDUAL COUNSELING PRACTICUM IN REHABILITATION  2-4 Credit Hours
Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.  
Prerequisite: RHAB 67731 or RHAB 77731; and graduate standing.  
Schedule Type: Practicum or Internship 
Contact Hours: 10-20 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

RHAB 67795  SPECIAL TOPICS IN REHABILITATION  1-3 Credit Hours
(Repeatable for credit)Presentation of special interest to students. Offered irregularly. Topic will be announced in schedule of classes booklet.  
Prerequisite: Graduate standing and special approval.  
Schedule Type: Lecture 
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

RHAB 67796  INDIVIDUAL INVESTIGATION IN 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: Individual Investigation 
Contact Hours: 1-3 other  
Grade Mode: Standard Letter-IP

RHAB 67798  INDIVIDUAL RESEARCH IN REHABILITATION  1-9 Credit Hours
(Repeatable for credit)Research project on an aspect of rehabilitation 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

RHAB 67892  INTERNSHIP: REHABILITATION  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. Credit hour reduction for prior experience may be granted.  
Prerequisite: RHAB 6/77736 and doctoral standing.  
Schedule Type: Practicum or Internship 
Contact Hours: 43 other  
Grade Mode: Satisfactory/Unsatisfactory-IP
RHAB 70093 VARIABLE TITLE WORKSHOP IN REHABILITATION
COUNSELING 1-4 Credit Hours
(Repeatable for credit)
Prerequisite: Doctoral standing and special approval.
Schedule Type: Lecture
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RHAB 77712 INTRODUCTION TO REHABILITATION 3 Credit Hours
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

RHAB 77723 MEDICAL INFORMATION FOR REHABILITATION COUNSELORS 3 Credit Hours
(Slashed with RHAB 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: Seminar or Internship
Contact Hours: 3 other
Grade Mode: Standard Letter

RHAB 77725 PSYCHOSOCIAL IMPACT OF DISABILITY 3 Credit Hours
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

RHAB 77728 ADJUSTMENT AND TRAINING GROUPS 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

RHAB 77729 MEASUREMENT AND APPRAISAL IN REHABILITATION 3 Credit Hours
Review of measurement theory and principles as applied in rehabilitation. Demonstration of instruments used in vocational assessment. Simulation of psychological consultation.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 77731 INDIVIDUAL COUNSELING TECHNIQUES FOR REHABILITATION COUNSELORS AND SCHOOL PSYCHOLOGISTS 3 Credit Hours
(Slashed with RHAB 67731) (Cross-listed with SPSY 67929 and 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 77732 OCCUPATIONAL ASPECTS OF DISABILITY 3 Credit Hours
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: RHAB 67729 or 77729 and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 77736 INDIVIDUAL COUNSELING PRACTICUM IN REHABILITATION 2-4 Credit Hours
Supervised, controlled exposure to rehabilitation clients; examine alternative modes of intervention; group and individual feedback sessions using audio and videotape recordings.
Prerequisite: RHAB 67731 or RHAB 77731 and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 2-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

RHAB 77743 PSYCHIATRIC REHABILITATION 3 Credit Hours
(Slashed with RHAB 67743) Review of psychiatric, alcohol and other drug related disabilities and their treatment. Topics include psychosocial rehabilitation, case management and psychotropic medication.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 77744 DRUG AND ALCOHOL REHABILITATION 3 Credit Hours
(Slashed with RHAB 67744) Review of substance abuse treatments, trends, modalities and community agencies; vocational implications of substance abuse; vocational assessment issues and job placement options.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RHAB 77776 SEMINAR ON RESEARCH IN DISABILITIES 3 Credit Hours
Survey of the research literature in disabilities. Guidelines for evaluating and implementing research findings. Acquaints students with current research. Evaluation of design statistical analysis and conclusions. IP grade permissible.
Prerequisite: doctoral standing.
Corequisite: EVAL 66510.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter
RHAB 77792  INTERNSHIP REHABILITATION  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. Credit hour reduction for prior experience may be granted. 
Prerequisite: RHAB 6/77736 and doctoral standing.  
Schedule Type: Practicum or Internship  
Contact Hours: 43 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
RHAB 77795  SPECIAL TOPICS IN REHABILITATION  1-3 Credit Hours  
(Repeatable for credit) Presentation of special interest to students. Offered irregularly. Topic 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  
RHAB 77796  INDIVIDUAL INVESTIGATION IN 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  
RHAB 77798  INDIVIDUAL RESEARCH IN REHABILITATION  1-9 Credit Hours  
(Repeatable for credit) Research project on an aspect of rehabilitation 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  

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 60094  COLLEGE TEACHING  3 Credit Hours  
(Repeatable for credit) (Slashed with SPSY 70094) Discusses major aspects of teaching in higher education, including such topics as students’ philosophy of teaching, principles of adult learning, instructional strategies, students’ assessment. 
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  
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 60165  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. 19 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: graduate standing and school psychology (SPSY) major.  
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) (Cross-listed 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: Graduate standing and school psychology (SPSY) major.  
Schedule Type: Practicum or Internship  
Contact Hours: 9 other  
Grade Mode: Satisfactory/Unsatisfactory-IP
SPSY 67792  PRACTICUM II IN SCHOOL PSYCHOLOGY  3 Credit Hours  
(Repeatable for credit) (Cross-listed 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 graduate standing; and school psychology (SPSY) major.  
Schedule Type: Practicum or Internship  
Contact Hours: 9 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

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) (Cross-listed with RHAB 67731 and RHAB 77731) 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 67792  ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY  3-6 Credit Hours  
(Repeatable for credit) (Cross-listed with SPSY 77792) 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 special approval; and graduate standing; and school psychology (SPSY) major.  
Schedule Type: Practicum or Internship  
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 67692 or SPSY 77692 and graduate standing; and school psychology (SPSY) major.  

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: Satisfactory/Unsatisfactory-IP  

SPSY 67892  ADVANCED PRACTICUM IN SCHOOL PSYCHOLOGY  3-6 Credit Hours  
(Repeatable for credit) 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 special approval; and graduate standing; and school psychology (SPSY) major.  
Schedule Type: Practicum or Internship  
Contact Hours: 12-24 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  

SPSY 67926  INTRODUCTION TO DIGITAL CITIZENSHIP FOR SCHOOL PSYCHOLOGISTS  1 Credit Hour  
(Repeatable for credit) Provides 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 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 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 67920/77920 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 67955 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 [SPSY] 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 70191  SEMINAR:SCHOOL PSYCHOLOGY  1-4 Credit Hours
(Slashed with SPSY 70091) 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 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 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: doctoral standing and school psychology (SPSY) major.
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) (Cross-listed 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: Doctoral standing and school psychology (SPSY) major.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77975  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 [SPSY] 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 70191  SEMINAR:SCHOOL PSYCHOLOGY  1-4 Credit Hours
(Slashed with SPSY 70091) 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 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 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: doctoral standing and school psychology (SPSY) major.
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) (Cross-listed 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: Doctoral standing and school psychology (SPSY) major.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
SPSY 77922  PRACTICUM II IN SCHOOL PSYCHOLOGY  3 Credit Hours
(Repeatable for credit) (Cross-listed with SPSY 67792) 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 67792 or SPSY 77692; and doctoral standing; and school psychology (SPSY) major.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPSY 77928  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) (Cross-listed with RHAB 67731 and RHAB 77731) 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 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 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 67920/77920 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 administrating, 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
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<th>Course Code</th>
<th>Course Title</th>
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<td>INSTRUCTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS</td>
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<td>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.</td>
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<td>SPSY 77960</td>
<td>INTERVENTIONS WITH CULTURALLY DIVERSE STUDENTS</td>
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<td>Introduces skills to effectively and ethically implement educational and psychological interventions with culturally diverse children in educational settings. 5 clinical/field hours.</td>
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<td>SPSY 77965</td>
<td>INSTRUCTIONAL INTERVENTIONS FOR SCHOOL PSYCHOLOGISTS</td>
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<td>Doctoral standing.</td>
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<td>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.</td>
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<td>SPSY 77970</td>
<td>LEGAL, ETHICAL AND PROFESSIONAL ISSUES IN SCHOOL PSYCHOLOGY</td>
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<td>3 lecture</td>
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<td>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.</td>
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<td>SPSY 77971</td>
<td>ISSUES AND APPROACHES IN SCHOOL PSYCHOLOGY</td>
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<td>(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.</td>
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<td>Prerequisite: Doctoral standing and permission.</td>
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<td>SPSY 77972</td>
<td>SOCIAL-EMOTIONAL ASSESSMENT FOR SCHOOL PSYCHOLOGISTS</td>
<td>3</td>
<td>Standard Letter</td>
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<td>Doctoral standing.</td>
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<td>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 &quot;school/agency&quot; before the first day of the semester in which student teaching/internship will take place.</td>
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<td>SPSY 77973</td>
<td>CONSULTATION IN THE HELPING PROFESSIONS</td>
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<td>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 &quot;school/agency&quot; before the first day of the semester in which student teaching/internship will take place.</td>
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<td>SPSY 77974</td>
<td>SOCIAL-EMOTIONAL INTERVENTIONS IN SCHOOL PSYCHOLOGY</td>
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<td>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.</td>
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<td>SPSY 77975</td>
<td>HOME, SCHOOL AND COMMUNITY COLLABORATION</td>
<td>3</td>
<td>Standard Letter</td>
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<td>(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.</td>
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<td>Prerequisite: School Psychology [SPSY] major; and doctoral standing.</td>
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<td>SPSY 77980</td>
<td>INTEGRATING EXPERIENCE IN SCHOOL PSYCHOLOGY</td>
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<td>Doctoral standing and special approval.</td>
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<td>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.</td>
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<td>SPSY 77992</td>
<td>SPECIALIST INTERNSHIP IN SCHOOL PSYCHOLOGY</td>
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<td>SPSY 77995</td>
<td>SPECIAL TOPICS IN SCHOOL PSYCHOLOGY</td>
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<td>SPSY 77998</td>
<td>INDIVIDUAL RESEARCH IN SCHOOL PSYCHOLOGY</td>
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<td>RESEARCH SEMINAR IN SCHOOL PSYCHOLOGY</td>
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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. 15 clinical hours.
Prerequisite: None.
Schedule Type: Clinic, Lecture
Contact Hours: 3 lecture, 1 other
Grade Mode: Standard Letter
Attributes: Diversity Domestic, TAG Education

SPED 24000  INCLUSIVE PRACTICES  3 Credit Hours
This course presents an overview of current special education issues as they relate to inclusive practices. Candidates will gain an understanding of the challenges faced by exceptional students and analyze the responsibilities of educational professionals in addressing these challenges. Students will 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
(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
(Translated 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 understanding and addressing 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
This seminar targets a broad array of early childhood professionals that comprise the field of early intervention from practitioners to future leaders in the field. This course has a 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 (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. 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: junior or senior standing; and cumulative 2.750 GPA.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43010  FAMILY AND PROFESSIONAL COLLABORATION  3 Credit Hours
This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions which provide services to them. Use of collaborative, interdisciplinary and interagency models in special education. 20 clinical and 10 field hours.
Prerequisite: SPED 23000 and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43020  ASSESSMENT IN SPECIAL EDUCATION (WIC)  3 Credit Hours
Use/interpretation normed, criterion-referenced and informal curriculum-based assessments for students with mild/moderate disabilities. Standards-based alternative assessments for student with intensive needs. 10 field and 20 clinical hours.
Prerequisite: Prerequisite: CI 47501 and 47504. CI 47501 and 47504.
Corequisite: SPED 43992 or 43392 or 44092 or 44192.
Schedule Type: Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

SPED 43021  ASSESSMENT FOR INDIVIDUALS WITH MODERATE TO INTENSIVE NEEDS (WIC)  3 Credit Hours
(Cross-listed with SPED 53021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with moderate to 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
Attributes: Writing Intensive Course
SPED 43022  INDIVIDUALIZED PROGRAMMING AND ASSESSMENT IN SPECIAL EDUCATION  3 Credit Hours
This 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. Additionally, students will 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 admission to advanced standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43030  APPLIED BEHAVIOR ANALYSIS I: THEORY AND TECHNIQUES  3 Credit Hours
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: SPED 23000 and admission to advanced study.
Schedule Type: Field Experience, Lecture
Contact Hours: 3 lecture
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: SPED 43030 and admission to advanced study.
Schedule Type: Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter

SPED 43040  SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR LANGUAGE AND READING DIFFICULTIES  3 Credit Hours
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: SPED 23000; and admission to advanced study.
Schedule Type: Clinic, Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
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. 10 clinical and 10 field hours.
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. 10 clinical 10 field hours.
Prerequisite: SPED 23000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43060  CURRICULUM METHODS IN SPECIAL EDUCATION  3 Credit Hours
Curriculum development, programming, delivery for students with mild, moderate or intensive disabilities. Emphasis on application of state standards to IEP development. Adapting instructional techniques, materials, assessment to meet needs. 33 field/clinical hours.
Prerequisite: admission to advanced study.
Schedule Type: Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter

SPED 43062  DIFFERENTIATED CORE INSTRUCTION: FRAMEWORKS AND PRACTICES  3 Credit Hours
(Deleted with SPED 53062) Frameworks and models for delivering and adapting core instruction for students with mild to moderate disabilities. Emphasis on collaboration, co-teaching, and team-based problem solving. Overview of key research-validated practices for addressing diverse learning needs within the general education curriculum.
Prerequisite: SPED 24000 and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 43063 CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION  3 Credit Hours
(Cross-listed with SPED 53063) 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.
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

SPED 43080 ASSISTIVE TECHNOLOGY FOR STUDENTS WITH DISABILITIES  3 Credit Hours
Examines 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. 20 clinical hours.
Prerequisite: SPED 43050 or SPED 43051 and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43092 DEAF RESIDENTIAL SCHOOL FIELD EXPERIENCE (ELR)  1 Credit Hour
(Repeatable for credit) Week-long practicum at a residential school for the deaf; 24-hour interaction with deaf students and adults. Students stay on campus. Conduct, interaction, sign language skills, maturity, responsibility and performance are evaluated by staff at the school.
Prerequisite: ASL 49309 or SPED 43309; and admission to advanced study or admission to professional phase; and pre/corequisite: ASL 29202.
Schedule Type: Practicum or Internship
Contact Hours: 8.33 other
Grade Mode: Satisfactory/Unsatisfactory/IP
Attributes: Experiential Learning Requirement

SPED 43306 FUNDAMENTALS OF AUDIOLOGY FOR STUDENTS WITH HEARING LOSS  3 Credit Hours
(Slashed with SPED 53306) 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: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43307 LISTENING, LANGUAGE AND PHONEMIC DEVELOPMENT FOR INDIVIDUALS WITH HEARING LOSS  3 Credit Hours
(Slashed with SPED 53307) This class focuses on listening, language and phonemic development 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: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43309 INTRODUCTION TO DEAF STUDIES (ELR) (WIC)  3 Credit Hours
(Cross-listed with ASL 49309 and 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 will 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: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement, Writing Intensive Course

SPED 43310 LANGUAGE DEVELOPMENT FOR DEAF AND HARD-OF-HEARING STUDENTS  3 Credit Hours
(Cross-listed with SPED 53310) 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. Includes 20 hours of field/lab experience. Deaf Education majors must achieve a minimum grade of B (3.000) in SPED 43309 before registering for this course.
Prerequisite: SPED 43309; and ASL 19202; and admission to advanced study; and Special Education (SPED) major or ASL English Interpreting (ASEI) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 43311 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 w/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 43313 with a minimum grade of B (3.000); and admission to advanced study.
Corequisite: 2 credit hours of SPED 43392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43313 LITERACY ASSESSMENT AND INTERVENTION FOR DEAF/HARD-OF-HEARING STUDENTS 6 Credit Hours
(Cross-listed with SPED 53313) 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. Pre/Corequisite: ASL 29202.
Prerequisite: SPED 43310 with a minimum grade of B (3.000); and CI 47504 or ECED 40126; and admission to advanced study; and pre/corequisite ASL 29202.
Corequisite: 2 credit hours of SPED 43392.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter

SPED 43324 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 43313 with a minimum grade of B (3.000); CI 47501 and 47502; and admission to advanced study.
Corequisite: 2 credit hours of SPED 43392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 students 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 and meets at least 6 times per semester.
Prerequisite: none.
Schedule Type: Practicum or Internship
Contact Hours: 3-9 other
Grade Mode: Satisfactory/ Unsatisfactory/IP
Attributes: Experiential Learning Requirement

SPED 43529 NATURE AND NEEDS OF GIFTED CHILDREN 3 Credit Hours
Personal characteristics, abilities and potentialities of gifted through review of related research. Evaluation of research findings and implications for psycho-educational development.
Prerequisite: PSYC 11762 and sophomore standing and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43530 INSTRUCTIONAL PROCESSES FOR GIFTED CHILDREN 3 Credit Hours
Prerequisite: SPED 43529 and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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: junior or senior standing; and minimum cumulative 2.750 GPA.
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: junior or senior standing; and minimum cumulative 2.750 GPA.
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: junior or senior standing; and a minimum cumulative 2.750 GPA.
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: junior or senior standing and a 2.750 cumulative GPA.
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: junior or senior standing; and a 2.750 cumulative GPA.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 43981  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. 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 as prerequisite for student teaching. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training. Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: SPED 49525.
Schedule Type: Practicum or Internship
Contact Hours: 17-35 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

SPED 43991  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 43992  FIELD EXPERIENCE IN SPECIAL EDUCATION (ELR)  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: SPED 23000.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

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  1-10 Credit Hours
(Repeatable for credit) (Cross-listed with ASL 49096)
Prerequisite: special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 44020  MEDICAL ASPECTS OF AUTISM SPECTRUM DISORDERS  3 Credit Hours
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
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: SPED 43992 and 43060 and admission to advanced study.
Schedule Type: Practicum or Internship
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: SPED 43992; and admission to advanced study.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory
Attributes: Experiential Learning Requirement

SPED 44309 AUTISM SPECTRUM DISORDERS: THEORY AND DIAGNOSIS 3 Credit Hours
(Slashed with SPED 64309, SPA 64309 and SPA 74309) 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 44951 CREATING LEGALLY DEFENSIBLE INDIVIDUAL FAMILY SERVICE PLANS AND INDIVIDUALIZED EDUCATION PROGRAMS 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: junior or senior standing; and a minimum 2.750 cumulative GPA.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 43981.
Schedule Type: Seminar
Contact Hours: 3 other
Grade Mode: Standard Letter

SPED 50093 VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION 1-5 Credit Hours
(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
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 understanding and addressing 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
This course provides knowledge and strategies for working with family members of exceptional individuals and members of related professions which provide services to them. Use of collaborative interdisciplinary and interagency models in special education. 20 clinical and 10 field hours.
Prerequisite: SPED 63200 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53020 ASSESSMENT IN SPECIAL EDUCATION 3 Credit Hours
Use/interpretation normed, criterion-referenced and informal curriculum-based assessments for students with mild/moderate disabilities. Standards-based alternative assessments for student with intensive needs. 10 field and 20 clinical hours.
Prerequisite: graduate standing.
Schedule Type: Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter

SPED 53021 ASSESSMENT FOR INDIVIDUALS WITH MODERATE TO INTENSIVE NEEDS 3 Credit Hours
(Cross-listed with SPED 43021) Investigates issues and methods for assessing the academic, behavioral, physiological, mental health, and life skills of individuals with moderate to 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 63000 and 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) This 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. Additionally, students will 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
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
Contact Hours: 3 lecture
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: Field Experience, Lecture
Contact Hours: 1 lecture, 2 other
Grade Mode: Standard Letter

SPED 53040  SUPPLEMENTAL AND INTENSIVE INSTRUCTION FOR LANGUAGE AND READING DIFFICULTIES  3 Credit Hours
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 63200; 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. 10 clinical and 10 field hours.
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. 10 clinical 10 field hours.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53060  CURRICULUM METHODS IN SPECIAL EDUCATION  3 Credit Hours
Curriculum development, programming, delivery for students with mild to moderate disabilities. Introduction to transition planning. Emphasis on functional curriculum and adapting instructional techniques, materials, assessment to meet needs. 33 field clinical hours.
Prerequisite: graduate standing.
Schedule Type: Field Experience, Lecture
Contact Hours: 3 lecture, 33 other
Grade Mode: Standard Letter

SPED 53062  DIFFERENTIATED CORE INSTRUCTION: FRAMEWORKS AND PRACTICES  3 Credit Hours
( Slashed with SPED 43062) Frameworks and models for delivering and adapting core instruction for students with mild to moderate disabilities. Emphasis on collaboration, co-teaching, and team-based problem solving. Overview of key research-validated practices for addressing diverse learning needs within the general education curriculum.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53063  CURRICULUM METHODS MODERATE/INTENSIVE INTERVENTION  3 Credit Hours
(Cross-listed 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 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. 20 clinical hours.
Prerequisite: SPED 53050 or SPED53051 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53092 DEAF RESIDENTIAL SCHOOL FIELD EXPERIENCE 1 Credit Hour
(Slashed with SPED 43092) Week-long practicum at a residential or post-secondary school for the deaf; 24-hour per day interaction with deaf students and adults to learn about and participate in activities, resources, and programs and interact with staff with expertise in deafness.
Prerequisite: SPED 5309; and graduate standing.
Pre/corequisite: ASL 29202.
Schedule Type: Practicum or Internship
Contact Hours: 8 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 53100 SURVEY OF INTERPRETING PROFESSION 3 Credit Hours
(Cross-listed with SPED 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. Pre/ Corequisite: SPED 53106.
Prerequisite: ASL 19202; and graduate standing.
Corequisite: ASL 29202.
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 53102 INTERPRETING PROCESSES I 3 Credit Hours
(Cross-listed with SPED 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.
Prerequisite: ASL 29202; and SPED 53100; and SPED 53107; and graduate standing.
Corequisite: ASL 39201 and SPED 53105.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53103 INTERPRETING PROCESSES II 3 Credit Hours
(Slashed with SPED 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 transcribed. There will be clinical application hours that students will need to accrue in this course.
Prerequisite: ASL 29202; and SPED 53102; and graduate standing.
Corequisite: SPED 53110 and SPED 53111.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53104 INTERPRETING PROCESS III 3 Credit Hours
(Slashed with SPED 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 clinical application hours that students will need to accrue in this course.
Corequisite: ASL 49108.
Prerequisite: ASL 39202 and SPED 53107; and SPED 53092; and American Sign Language/English Interpreting [ASEI] concentration in the Special Education [SPED] major; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53105 TRANSLITERATING 3 Credit Hours
(Cross-listed with SPED 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: SPED 53100 and ASL 29202 and graduate standing.
Corequisite: ASL 39201 and SPED 53102.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 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 as 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 19201; and SPED 53100; and SPED 53103; and admission to the asl english interpreting (ASEI) concentration with the special education (SPED) major; and graduate standing; and special approval.
Pre/corequisite: ASL 29202.
Corequisite: SPED 53100.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53107  COMMUNITY SETTING INTERPRETING  3 Credit Hours
(Cross-listed with SPED 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 on order to identify ethical dilemmas, demands and controls.
Prerequisite: ASL 29201; SPED 53100; and SPED 53106; and admission to the asl english interpreting (ASEI) concentration with the special education (SPED) major and graduate standing.
Corequisite: ASL 29202.
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 SPED 29202 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 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. Corequisite SPED 53103.
Prerequisite: ASL 39201; and SPED 53100 and SPED 53102 and SPED 53106 and SPED 53107.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53111  THE PROFESSIONAL INTERPRETER  3 Credit Hours
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: ASL 29202; and SPED 53100 and SPED 53107; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53112  INTERACTIVE INTERPRETING  3 Credit Hours
(Cross-listed with SPED 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; and SPED 53100; and SPED 53103; and SPED 53110 with a grade of C (2.000) or better.
Corequisite: SPED 53102.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53113  ASL TO ENGLISH INTERPRETING PROCESSES  3 Credit Hours
(Slashed with SPED 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 apers to increase students’ abilities to apply this to their interpretations.
Prerequisite: ASL 29202 and SPED 53100; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
SPED 53192  ADVANCED PRACTICUM: ASL ENGLISH INTERPRETING  
1-9 Credit Hours  
(Repeatable for credit) Field-based practicum experience provides pre-service educational interpreters with opportunity to participate with currently practicing master educational interpreters. Students placed in education and/or community settings. University supervisor and teacher mentor observe and assess student skill. Students are required to complete Bureau of Criminal 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. 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 have passed the SLPI or ASLPI on or before Oct 31st the semester prior.  
Prerequisite: SPED 53104, SPED 53112 and ASL 49108; and ASL-English Interpreting [ASEI] concentration within the Special Education [SPED] major; and graduate standing; and special approval.  
Schedule Type: Practicum or Internship  
Contact Hours: 3-27 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

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 class focuses on listening, language and phonemic development 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 will 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. Includes 20 hours of field-lab experience. 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 grade of B (3.000) and graduate standing.  
Corequisite: 2 credit hours of 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 grade of B (3.000); and CI 67310 or CI 57504; and graduate standing.  
Pre/corequisite: ASL 29202 and 2 credit hours of 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 grade of B (3.00); and CI 57501 and 57502; and graduate standing.
Corequisite: 2 credit hours of SPED 63392.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53529  NATURE AND NEEDS OF GIFTED CHILDREN  3 Credit Hours
Personal characteristics, abilities and potentialities of gifted children through review of related research. Evaluation of research findings and implications for psychoeducational development.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 53530  INSTRUCTIONAL PROCESSES FOR GIFTED CHILDREN  3 Credit Hours
Prerequisite: SPED 53529 and graduate standing.
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 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 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 63303; 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: SPED 53030 and SPED 63031; 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: Practicum or Internship
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 63200  INTRODUCTION TO EXCEPTIONALITIES  3 Credit Hours
Introduction to exceptionalities of student development. Focus on foundations/theories associated with characteristics and accommodations for human exceptionalities. Collaborative/multidiscipline educational service design. Fifteen clinical/field hours.
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 overview 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
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; and EVAL 65510 or EVAL 65511.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

SPED 63301  SINGLE SUBJECT RESEARCH METHODS  3 Credit Hours
(Repeatable 2 times for credit) Research designs and techniques associated with behavioral observation and a description of single subject experimental methodology are presented. The study of this methodology includes topics related to applied behavior analysis, assessment, experimental design and data evaluation. In addition, single subject methods are discussed in relations to other research designs. 20 field hours.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP
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
Overview and comparison of early childhood service approaches including: history and issues in delivering services, developmentally appropriate practice, environmental arrangement and how to modify curriculum.
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 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 students 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 and meets at least 6 times per semester.
Prerequisite: graduate standing.
Schedule Type: Practicum or Internship
Contact Hours: 3-9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 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

SPED 63532 GIFTED PROGRAM DESIGN AND ADMINISTRATION 3 Credit Hours
Fundamentals of designing gifted programs are reviewed. Topics include student identification in service advocacy program evaluation compliance with state standards and teacher preparation.
Prerequisite: SPED 53529 and SPED 53530 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

SPED 63533 GIFTED SUBPOPULATIONS 3 Credit Hours
The characteristics and needs of intellectually gifted individuals who often are not high academic achievers are studied with consideration of the implications for school practices.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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: Field Experience
Contact Hours: 9 other
Grade Mode: Standard Letter-S/U

SPED 63950 CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES 3 Credit Hours
Overview and comparison of early childhood service approaches including: history and issues in delivering services, developmentally appropriate practice, environmental arrangement and how to modify curriculum.
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 and 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 63991 SEMINAR IN SPECIAL EDUCATION 1-3 Credit Hours
(Repeatable for credit)Various topics include: behavior modification, research problems in special education, theories in special education, social processes in special education.
Prerequisite: Graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
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 schoolagency before the first day of the semester in which student teaching 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 as prerequisite for student teaching. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: Graduate standing and special approval, and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: SPED 69525.
Schedule Type: Practicum or Internship
Contact Hours: 17-35 other
Grade Mode: Satisfactory/Unsatisfactory-IP

SPED 63995 SPECIAL TOPICS IN SPED 1-3 Credit Hours
(Repeatable for credit)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) (Slashed with SPED 44309 and SPA 74309)
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) (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

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: Practicum or Internship
Contact Hours: 9-12 other
Grade Mode: Standard Letter-S/U-IP

SPED 64951 DEVELOPING IFSPS AND IEPs FOR YOUNG CHILDREN 3 Credit Hours
This course is designed to increase students understanding regarding federal and state rules for developing IEPs 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 70093 VARIABLE TITLE WORKSHOP IN SPECIAL EDUCATION 1-5 Credit Hours
(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 70094 COLLEGE TEACHING 3 Credit Hours
(Repeatable for credit) Discusses major aspects of teaching in higher education, including such topics as students' philosophy of teaching, principles of adult learning, instructional strategies, students' assessment.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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 73533 GIFTED SUBPOPULATIONS 3 Credit Hours
The characteristics and needs of intellectually gifted individuals who often are not high academic achievers are studied with consideration of the implications for school practices.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 73950</td>
<td>CURRICULUM AND INTERVENTION IN EARLY CHILDHOOD SERVICES</td>
<td>3</td>
<td>Overview and comparison of early childhood service approaches, including history and issues in delivering services, developmentally appropriate practice, environmental arrangement and how to modify curriculum. Prerequisite: Doctoral standing. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 73956</td>
<td>FOUNDATIONS IN EARLY CHILDHOOD SERVICES</td>
<td>3</td>
<td>(Cross-listed with ECED 60156 and 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. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 73957</td>
<td>ASSESSMENT AND EVALUATION OF EARLY CHILDHOOD SERVICES</td>
<td>3</td>
<td>(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. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 73991</td>
<td>SEMINAR IN SPECIAL EDUCATION</td>
<td>1,3</td>
<td>(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. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 73995</td>
<td>SPECIAL TOPICS IN SPED</td>
<td>1-3</td>
<td>(Repeatable for credit) Specialized offerings in response to emerging or selected program needs. Prerequisite: Doctoral standing. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 73996</td>
<td>INDIVIDUAL INVESTIGATION IN SPECIAL EDUCATION</td>
<td>1-10</td>
<td>(Repeatable for credit) Prerequisite: Doctoral standing and special approval. Grade Mode: Satisfactory/Unsatisfactory-IP</td>
</tr>
<tr>
<td>SPED 74200</td>
<td>CURRICULUM METHODS FOR TRANSITION PLANNING AND COLLABORATION</td>
<td>3</td>
<td>(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 53070; and doctoral standing. Grade Mode: Standard Letter</td>
</tr>
<tr>
<td>SPED 80001</td>
<td>SPECIAL EDUCATION RESIDENCY</td>
<td>3</td>
<td>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). In-progress (IP) mark permissible. Prerequisite: doctoral standing. Grade Mode: Standard Letter-IP</td>
</tr>
<tr>
<td>SPED 80002</td>
<td>ANALYSIS OF THE LITERATURE IN SPECIAL EDUCATION</td>
<td>3</td>
<td>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. In-progress (IP) mark permissible. Prerequisite: SPED 80001; and doctoral standing. Grade Mode: Standard Letter-IP</td>
</tr>
</tbody>
</table>
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. Satisfactory/unsatisfactory (S/U) graded; In-progress (IP) mark permissible.
Prerequisite: SPED 80002; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory-IP

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: Lecture
Contact Hours: 3 other
Grade Mode: Standard Letter-IP

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 80092  PRACTICUM IN COLLEGE TEACHING  3 Credit Hours
(Repeatable for credit) This course will provide the student supervised experience in design, delivery, and evaluation of a college course in special education. The student will demonstrate skills learned in the prerequisite course (SPED 70094) under the supervision of a designated special education faculty member. Satisfactory/unsatisfactory (S/U) graded. Pre/corequisite: SPED 70094
Prerequisite: doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory

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: 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) Research designs and techniques associated with behavioral observation and a description of single subject experimental methodology are presented. The study of this methodology includes topics related to applied behavior analysis, assessment, experimental design and data evaluation. In addition, single subject methods are discussed in relations to other research designs. 20 field hours.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

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
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. Course outcomes include participation in collaborative inquiry, the development of dialogue journals, and the creation of a digital portfolio. These educational expressions will combine to document some of the knowledge, skills, and dispositions for social justice in educational contexts learned throughout this course.
Prerequisite: none.
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: admission to advanced study.
Schedule Type: Field Experience, Lecture
Contact Hours: 2 lecture, 2 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. Students 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
Contact Hours: 3 lecture
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, 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 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.  
Course includes 46 field/clinical hours. Mathematics courses through MATH 22005.  
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: ADED 32275 with a minimum C (2.000) grade 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  
A minimum 96-hour 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. 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 as prerequisite for student teaching. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.  
Prerequisite: Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training.  
Corequisite: ADED 49525.  
Schedule Type: Practicum or Internship  
Contact Hours: 35 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
Attributes: Experiential Learning Requirement  

ADED 42357  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. 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 as prerequisite for student teaching. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.  
Prerequisite: Admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and A.L.I.C.E. Training.  
Corequisite: ADED 49525.  
Schedule Type: Practicum or Internship  
Contact Hours: 35 other  
Grade Mode: Satisfactory/Unsatisfactory-IP  
Attributes: Experiential Learning Requirement  

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 42357.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter  

College of Education, Health and Human Services
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: Seminar
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ADED 53315  TEACHING LITERATURE IN THE SECONDARY SCHOOLS  3 Credit Hours
(Slashed 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 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 62146  INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT  3 Credit Hours
Enables students to demonstrate proficiency in the selection and application of general strategies for instruction, of appropriate instructional media and materials and in the accommodation of individual needs and cultural diversity within the secondary instructional setting.
Prerequisite: Graduate standing.
Corequisite: ADED 62145.
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 62192  ADVANCED PRACTICUM AND INTERNSHIP IN SECONDARY EDUCATION  1-10 Credit Hours
(Repeatable for credit) Provides a student-teaching or internship 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. 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 as prerequisite for student teaching. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: Graduate standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-32 other
Grade Mode: Satisfactory/Unsatisfactory/IP

ADED 62198  RESEARCH IN SECONDARY EDUCATION  2-15 Credit Hours
(Repeatable for credit) 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 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
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)

CCS 00005  COLLEGE ORIENTATION  1 Credit Hour
This course introduces students to the expectations and responsibilities of being a college student. Students will be provided with valuable information of the resources and activities available at Kent State. Students will explore personal values, skills, abilities, and beliefs, and learn how to set academic goals that will guide them throughout their college experience. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Satisfactory/Unsatisfactory

CCS 00010  PERSONAL EXPLORATION I: NUTRITION AND PHYSICAL FITNESS  3 Credit Hours
This course focuses on the importance of nutrition and physical exercise in order to take care of and to improve upon one’s personal health needs.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00015  ACADEMIC EXPERIENCE I: DISABILITY AWARENESS  3 Credit Hours
This course promotes development of self-awareness through identifying personal strengths and needs, and self-advocacy skills through various methods of communication. Students will learn of their rights, responsibilities, and of the disabilities laws that help them to advocate for necessary supports.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00020  TECHNOLOGY LABORATORY I  1 Credit Hour
This course is an introduction to the uses of Flashline, BlackBoard Learn, and Microsoft Word to enhance student academic performance.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

CCS 00025  FINANCIAL LITERACY I  1 Credit Hour
This introductory course will provide the student with an opportunity to develop attitudes and skills to achieve personal financial wellness and satisfaction. Topics include setting up a budget, identifying where one might save money in daily living, calculating wages and understanding federal, state, and local taxes.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00030  PHYSICAL EDUCATION I  1 Credit Hour
Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will practice appropriate personal and social skills, and demonstrate abilities to manage course responsibilities.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00035  HEALTH AND WELLNESS I: PERSONAL SOCIAL 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 both in and outside of the classroom. The student creates a portfolio of course assignments for evaluation.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00105  INTRODUCTION TO CAREER EXPLORATION  1 Credit Hour
Students begin the exploration process that helps them to become aware of their specific abilities, interests, and needs, and how these relate to their future life work.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00110  PERSONAL EXPLORATION II: INDEPENDENT LIVING AND LEISURE EDUCATION  3 Credit Hours
This course focuses on two different but related topics. The first half of the semester is designed to provide college students with the opportunity to explore and develop personal leisure values, and expand their leisure interests. During the second half of the semester, students will practice various independent living skills in order to become more responsible adults.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00115  ACADEMIC EXPERIENCE II: 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 (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00120  TECHNOLOGY LABORATORY II  1 Credit Hour
Introduction to the uses of Microsoft Power Point, Publisher, and Excel in order to connect knowledge and learning experiences for student success.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

CCS 00125  FINANCIAL LITERACY II  1 Credit Hour
This course will provide the student with a more detailed opportunity to reflect on one’s desire and ability to save money. It will include a wide variety of ways to save, as well as, how finance institutions can help your savings grow.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter
<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CCS 00130</td>
<td>PHYSICAL EDUCATION II</td>
<td>1</td>
<td>Students will participate in a sport or physical fitness activity in order to learn more about the topic of interest and to increase personal health. Students will advance appropriate personal and social skills, and demonstrate increased abilities to manage course responsibilities. Satisfactory/unsatisfactory (S/U) graded.</td>
<td>Prerequisite: Career and Community Studies (CCS) major; and special approval.</td>
<td>Lecture</td>
<td>2 lab</td>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>CCS 00135</td>
<td>HEALTH AND WELLNESS II: HUMAN SEXUALITY</td>
<td>3</td>
<td>Focus of the course is to understand behaviors and issues related to human sexuality.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>CCS 00196</td>
<td>FRESHMAN INDIVIDUAL STUDY</td>
<td>1-3</td>
<td>(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering; with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Individual Investigation</td>
<td>3-9 other</td>
<td>Standard Letter-IP</td>
</tr>
<tr>
<td>CCS 00205</td>
<td>CAREER EXPLORATION I</td>
<td>1</td>
<td>This course promotes assessment of specific career skills, interests, and needs, and how these relate to future life work. The student develops career awareness through evaluation of past experiences that have influenced career development and uses person-centered planning tools to develop and implement meaningful future career goals.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Lecture</td>
<td>1 lecture</td>
<td>Standard Letter-IP</td>
</tr>
<tr>
<td>CCS 00210</td>
<td>ACADEMIC SUCCESS I</td>
<td>4</td>
<td>This introductory course is designed to teach many different literacy (e.g. reading, writing, speaking, and technology) skills that college students must develop in order to have academic and social success. The student will practice to communicate effectively through speaking and writing, and will complete coursework assignments in a laboratory setting using accurate grammar, capitalization, and punctuation. Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Combined Lecture and Lab</td>
<td>1 lecture, 9 lab</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>CCS 00215</td>
<td>INTRODUCTION TO COMMUNICATION SKILLS</td>
<td>3</td>
<td>This course explores communication theories and practices in group, interpersonal, and public contexts. Students explore the processes of active listening, developing effective communication skills, and the processes of organizing thoughts into clear messages so that others may more easily understand.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>CCS 00225</td>
<td>FINANCIAL LITERACY III</td>
<td>1</td>
<td>This course provides the student with real-life situations to practice basic math skills used in budgeting and managing money wisely. The student recognizes the hidden costs associated with many of the essentials and conveniences they use daily.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Lecture</td>
<td>1 lecture</td>
<td>Standard Letter</td>
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<tr>
<td>CCS 00235</td>
<td>HEALTH AND WELLNESS III: INJURY PREVENTION</td>
<td>3</td>
<td>The focus of the course is to understand behaviors and issues related to personal injury and safety.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Lecture</td>
<td>3 lecture</td>
<td>Standard Letter</td>
</tr>
<tr>
<td>CCS 00292</td>
<td>SOPHOMORE PRACTICUM I</td>
<td>3</td>
<td>(Repeatable for credit) This course provides the student with the opportunity to develop crucial work skills that are important in any employment positions. The student gains self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire. In-progress (IP) mark permissible.</td>
<td>Prerequisite: Career and Community Studies (CCS) major; and special approval.</td>
<td>Practicum or Internship</td>
<td>9 other</td>
<td>Standard Letter-IP</td>
</tr>
<tr>
<td>CCS 00305</td>
<td>CAREER EXPLORATION II</td>
<td>1</td>
<td>The purpose of this course is to help the student to narrow career possibilities and to identify the career of their choice. The student conducts research into an identified career field in order to list the necessary skills, to investigate local occupational opportunities, and to specify any training experiences that are available to advance knowledge and skills in this area.</td>
<td>Prerequisite: Career and Community Studies (CCS) major; and CCS 00205.</td>
<td>Lecture</td>
<td>1 lecture</td>
<td>Standard Letter-IP</td>
</tr>
<tr>
<td>CCS 00310</td>
<td>ACADEMIC SUCCESS II</td>
<td>4</td>
<td>This course supports the student as they advance skills in learning strategies and study skills, and as they apply them in coursework that prepares for a specific career interest. The student practices effective communicate through reading, writing, and speaking while completing coursework assignments using accurate grammar, capitalization, and punctuation.</td>
<td>Prerequisite: Career and Community Studies (CCS) major.</td>
<td>Combined Lecture and Lab</td>
<td>1 lecture, 9 lab</td>
<td>Standard Letter</td>
</tr>
</tbody>
</table>
CCS 00325  FINANCIAL LITERACY IV  1 Credit Hour
The student will understand how credit card debt, personal loans for housing, leisure, or transportation needs, and investing in savings and bonds can have an effect on the lifestyle that one hopes to achieve. Making wise financial decisions and planning is important when becoming an independent adult.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00335  HEALTH AND WELLNESS IV: HEALTHY LIVING AND SUBSTANCE ABUSE  3 Credit Hours
This course will support behavior that encourages students to make responsible choices for lifelong health and wellness through instruction and active participation. Topics to be discussed include personal and social skills, nutrition and fitness, developing coping skills, sexuality education, substance use, and injury prevention.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00392  SOPHOMORE PRACTICUM II  3 Credit Hours
(Repeatable for credit) This course provides the student with additional opportunities to develop crucial work skills that are important in all employment positions. The student expands self-awareness of their work skills and habits and receives support as they prepare for the career that they ultimately desire. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter-IP

CCS 00395  SPECIAL TOPICS  1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00396  JUNIOR INDEPENDENT STUDY  1-3 Credit Hours
(Repeatable for credit) Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

CCS 00405  CAREER PREPARATION I: CHOOSING YOUR CAREER  3 Credit Hours
This course prepares the student for entering the work force by creating a resume, practicing interviewing skills, and by developing networks of people who can help them to achieve their career goals. The student will participate in job shadowing opportunities in order to better understand the expectations and requirements of the career field of interest.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00420  ACADEMIC SUPPORT I  3 Credit Hours
This course provides support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills and monitors academic progress; and as they complete course assignments while working towards becoming an organized and self-determined student.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00425  FINANCIAL LITERACY IV  1 Credit Hour
This course prepares the student for entering the work force by creating a resume, practicing interviewing skills, and by developing networks of people who can help them to achieve their career goals. The student will participate in job shadowing opportunities in order to better understand the expectations and requirements of the career field of interest.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00495  SPECIAL TOPICS  1-4 Credit Hours
(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 (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 1-4 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00496  SENIOR INDEPENDENT STUDY  1-3 Credit Hours
Independent Study is a student-initiated experience in order to pursue an area of career interest not covered by a regular course offering, with the approval and guidance of a Career and Community Studies faculty member. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP
CCS 00505 CAREER PREPARATION II 3 Credit Hours
This course is designed to continue to prepare the student for entering into the work force by expanding interview skills and by locating and utilizing resources such as state employment and vocational rehabilitation services to promote career decisions.
Prerequisite: Career and Community Studies (CCS) major; and CCS 00405.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00520 ACADEMIC SUPPORT II 3 Credit Hours
This sequenced course continues to provide support to the student as they advance in goal setting and attainment skills. The student is supported as they increase critical thinking skills, monitors progress, and receives support as they complete course assignments pertaining to career goals while working towards becoming an organized and self-determined student.
Prerequisite: Career and Community Studies (CCS) major; and CCS 00420.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CCS 00592 JUNIOR PRACTICUM IV 4 Credit Hours
(Repeatable for credit) This course provides additional opportunities for the student to be exposed to the requirements and environments of the career field to ensure the student's commitment to the career choice. Additionally, the student continues to develop appropriate work habits and behaviors while obtaining specific occupation skills. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 12 other
Grade Mode: Standard Letter-IP

CCS 00595 SPECIAL TOPICS 1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00605 COMMUNITY LIFE I: LIFE AFTER COLLEGE 1 Credit Hour
This course guides the student as they plan for transitioning back to the community in which they will live after graduation. The student considers personal strengths, preferences, interests, and needs as they identify the various advantages and disadvantages of their chosen community.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00606.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00606 COMMUNITY LIFE I LABORATORY 3 Credit Hours
Using the Personal Profile created in a coexisting course, the student conducts a thorough investigation into their community by researching all of the advantages, disadvantages, resources, demographics, and necessary amenities available to community residents. The student will then develop a Community Life Plan.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00605.
Schedule Type: Laboratory
Contact Hours: 9 lab
Grade Mode: Standard Letter

CCS 00606 COMMUNITY LIFE I LABORATORY 3 Credit Hours
Using the Personal Profile created in a coexisting course, the student conducts a thorough investigation into their community by researching all of the advantages, disadvantages, resources, demographics, and necessary amenities available to community residents. The student will then develop a Community Life Plan.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00605.
Schedule Type: Laboratory
Contact Hours: 9 lab
Grade Mode: Standard Letter

CCS 00692 SENIOR INTERNSHIP I 1-12 Credit Hours
(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student's career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-36 other
Grade Mode: Standard Letter-IP

CCS 00695 SPECIAL TOPICS 1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded.
Prerequisite: Career and Community Studies (CCS) major.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

CCS 00705 COMMUNITY LIFE II: MAKING COMMUNITY CONNECTIONS 1 Credit Hour
The student will develop strategies to implement the Community Life Plan. Steps will be generated to serve as a guide and checklist as students establish the necessary connections to resources such as service and medical providers, community organizations, employment, public transportation, and residential living.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00705.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

CCS 00706 COMMUNITY LIFE II LABORATORY 3 Credit Hours
The student will implement the goals established in their Community Life Plan that was developed in a coexisting course. This is a hands-on course where the student will travel to each of the resources recorded in their Plan so that they become familiar with their community in order to increase confidence in abilities and to make crucial connections necessary for independent adult living.
Prerequisite: Career and Community Studies (CCS) major.
Corequisite: CCS 00705.
Schedule Type: Laboratory
Contact Hours: 9 lab
Grade Mode: Standard Letter
CCS 00792  SENIOR INTERNSHIP II  1-12 Credit Hours
(Repeatable for credit) Internship courses are credit-bearing work experiences that are integrated with academic instruction and relate to an individual student’s career goals. The internship occurs in a natural community setting and provides an environment and context to integrate specific career knowledge, skills, and professional behaviors. In-progress (IP) mark permissible.
Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-36 other
Grade Mode: Standard Letter-IP

CCS 00795  SPECIAL TOPICS  1-4 Credit Hours
(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. Satisfactory/unsatisfactory (S/U) graded. Prerequisite: Career and Community Studies (CCS) major; and special approval.
Schedule Type: Laboratory, Lecture
Contact Hours: 1-4 lecture, 2-8 lab
Grade Mode: Satisfactory/Unsatisfactory

Curriculum and Instruction (CI)

CI 40093  VARIABLE TITLE WORKSHOP IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CI 50093 and CI 70093) Variable topic workshop designed to respond to curriculum trends and issues, and specialized needs.
Prerequisite: Permission.
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)
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)
Prerequisite: special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 47195  SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours
(Repeatable for credit) Student teaching.
Prerequisite: special approval.
Schedule Type: Practicum or Internship
Contact Hours: 1-5 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 47330  READING AND WRITING IN ADOLESCENCE/ADULTHOOD  3 Credit Hours
(Cross-listed 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  CORE AND DIFFERENTIATED INSTRUCTION FOR MATH MATHEMATICS  3 Credit Hours
Addresses pedagogical content knowledge for the teaching and learning of mathematics in grades K-9, based on the national content and process standards. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core curriculum.
Prerequisite: Advanced standing, minimum C (2.000) in MATH 14001 or 14002.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 47502  SCIENCE TEACHING IN EARLY AND MIDDLE GRADES  3 Credit Hours
(Cross-listed with CI 57502) Addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. In addition 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
(Cross-listed 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  CORE AND DIFFERENTIATED INSTRUCTION FOR READING AND WRITING IN THE MIDDLE GRADES  3 Credit Hours
(classed 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. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core reading and writing curriculum.
Prerequisite: Admission to advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 47505  CORE AND DIFFERENTIATED INSTRUCTION FOR SOCIAL STUDIES AND SCIENCE  3 Credit Hours
(Slashed with CI 57505) Addresses principles of teaching and learning as applied to teaching social studies and science in elementary and middle grades. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core curriculum. In addition, 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 for credit) (Cross-listed with CI 40093 and CI 70093) 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

CI 50095  SPECIAL TOPICS: SEMINAR/WORKSHOP IN CURRICULUM AND INSTRUCTION  1 Credit Hour
(Repeatable for credit) (Cross-listed with PEP 45015) Factors affecting athletic performance emphasizing skill, motivation, personality and practice conditions.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter-S/U/IP

CI 53093  VARIABLE TITLE WORKSHOP IN EXERCISE, LEISURE AND SPORT  1-3 Credit Hours
(Repeatable for credit) (Cross-listed with SRM 53093) Workshop in exercise, leisure and sport studies topics vary. Maximum 4 hours may be applied to degree.
Prerequisite: Graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CI 55015  PSYCHOLOGY OF COACHING  3 Credit Hours
(Cross-listed with PEP 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
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 55051  ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS  3 Credit Hours
(Cross-listed with PEP 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. Corequisite: CI 55053.
Prerequisite: Special approval and graduate standing; and students in the Physical Education Teacher Education (PETE) concentration in the Curriculum and Instruction (CI) major within the Master of Education (MED) degree.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

CI 55053  ELEMENTARY SCHOOL PHYSICAL EDUCATION CONTENT  3 Credit Hours
(Slashed with PEP 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. Corequisite: CI 55051.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

CI 55058  SECONDARY SCHOOL PHYSICAL EDUCATION METHODS  3 Credit Hours
(Cross-listed with PEP 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. Corequisite: CI 55059.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

CI 55059  SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT  3 Credit Hours
(Cross-listed with PEP 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. Corequisite: CI 55058.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
CI 57330  READING AND WRITING IN ADOLESCENCE/ADULTHOOD   3 Credit Hours
(Cross-listed 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 57501  CORE AND DIFFERENTIATED INSTRUCTION FOR MATHEMATICS   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. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core curriculum.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57502  SCIENCE TEACHING IN EARLY AND MIDDLE GRADES   3 Credit Hours
(Cross-listed with CI 47502) This course addresses pedagogical content knowledge for the teaching and learning of science in grades K-9. In addition students will 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 57503  TEACHING SOCIAL STUDIES IN EARLY AND MIDDLE GRADES   3 Credit Hours
(Cross-listed with CI 47503) This course 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 57504  CORE AND DIFFERENTIATED INSTRUCTION FOR READING AND WRITING IN THE 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. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core reading and writing curriculum.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 57505  CORE AND DIFFERENTIATED INSTRUCTION FOR SOCIAL STUDIES AND SCIENCE   3 Credit Hours
(Slashed with CI 47505) Addresses principles of teaching and learning as applied to teaching social studies and science in elementary and middle grades. Students learn how to provide accommodations and differentiated instruction to address diverse learning needs within the core curriculum. In addition, students examine how to best align social studies and science practice with state and national standards.
Prerequisite: 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: CI 60199 and graduate standing.
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) This course will explore 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 will 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
(Cross-listed with CI 71125) This course will provide 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
(Cross-listed with CI 71126) During this course students will 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
(Cross-listed with CI 71127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. During the course we will 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
(Cross-listed with CI 71130) Teachers will be provided with knowledge and 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
(Cross-listed 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
(Cross-listed 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
(Cross-listed with CI 71140) This course 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. Topics examined include, race and gender in science education, teaching the culture of science and teaching 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
(Cross-listed 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 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 hours applied to the degree.
Prerequisite: Special approval and graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory

CI 65025  CONTEMPORARY ISSUES IN SPORT PEDAGOGY - 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
This online course is designed to prepare 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. This web-based program includes lecture notes, supplemental readings, and video clips.
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 65392 ADVANCED PRACTICUM IN PHYSICAL EDUCATION 10 Credit Hours
(Repeatable for credit) A sixteen week practicum, in K-12 physical education, combining full-time student teaching and student teaching seminar. Eight weeks student teaching at the preschool to fifth grade level and eight weeks at the sixth to twelfth grade level. 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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: Special approval and graduate standing; and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Schedule Type: Practicum or Internship, Seminar
Contact Hours: 3 lecture, 32 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 65592 PRACTICUM IN ADAPTED PHYSICAL EDUCATION 3 Credit Hours
(Repeatable for credit) (Cross-listed with CI 75592) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.
Prerequisite: Special approval and graduate standing.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter-S/U-IP

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: Practicum or Internship
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP

CI 67001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours
(Cross-listed with CI 77001) Orientation to the curriculum field. Theoretical examination of foundations, elements, design and development of school, college and nonschool curricula.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67002 CURRICULUM LEADERSHIP 3 Credit Hours
(Cross-listed with CI 77002) This 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; graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67003 TEACHER EDUCATION 3 Credit Hours
(Cross-listed with CI 77003) This course is designed to provide 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
(Cross-listed with CI 77004) This course is designed to provide 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
(Cross-listed with CI 77005) 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. Addresses teaching and learning in the intercultural K-16 context.
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
(Cross-listed with CI 77010) This course is designed to help 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 will 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) (Cross-listed with CI 77091) A wide range of topics for advanced graduate inquiry. Normally a balance of theoretical study and creative application.
**Prerequisite:** Instructor's special approval and graduate standing.
**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) (Cross-listed with CI 77092) 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 schoolagency before the first day of the semester in which student teaching internship will take place.
**Prerequisite:** Graduate standing and special approval.
**Schedule Type:** Practicum or Internship
**Contact Hours:** 3-9 other

**Grade Mode:** Satisfactory/Unsatisfactory

CI 67095  SPECIAL TOPICS IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours
(Repeatable for credit) (Cross-listed 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:** Satisfactory/Unsatisfactory

CI 67096  INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION  1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CI 77096) 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
(Cross-listed 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
(Slashed with CI 77107) 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 designed to extend knowledge, skills, techniques, and professional dispositions as related to middle school students' experiences, and 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
(Slashed with CI 77108) This course will emphasize 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 will 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
(Cross-listed with CI 77224) The purpose is to develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Further to 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
(Cross-listed with CI 77225) Current research theory, methodology and results in mathematics education will be investigated. Implications for instructional practice and curriculum design will be 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
(Cross-listed with CI 77226) Instructional psychology and materials including technology for the effective teaching of mathematics in grade three through eight with a theoretical emphasis on cognitive development.
**Prerequisite:** Graduate standing.
**Schedule Type:** Lecture
**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter
CI 67227 ASSESSMENT IN MATHEMATICS EDUCATION 2 Credit Hours
(Cross-listed with CI 77227) Investigation of standards and practices in mathematical assessments as recommended by NCTM and current research. Graduate standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226 or ECED 50147.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

CI 67228 INTERVENTION IN MATHEMATICS INSTRUCTION 2 Credit Hours
(Cross-listed with CI 77228) Investigation of alternative methods of teaching mathematics to diverse learners who experience difficulties in learning mathematics. Graduate standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226 or ECED 50147.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

CI 67240 INTRODUCTION TO ENVIRONMENTAL EDUCATION 3 Credit Hours
(Cross-listed with CI 77240) Survey course emphasizes 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: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67292 PRACTICUM IN MATHEMATICAL ASSESSMENT 2 Credit Hours
(Cross-listed with CI 77292) (Repeatabl for credit) Experience in designing and administering both formal and informal assessments. Graduate standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226 or ECED 50147.
Schedule Type: Practicum or Internship
Contact Hours: 6 other
Grade Mode: Standard Letter

CI 67310 THEORY AND PRACTICE IN THE TEACHING OF READING 3 Credit Hours
(Cross-listed 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
(Cross-listed with CI 77312) Emphasizes a process approach to writing instruction in grades K through 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
(Cross-listed 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 67315 SURVEY OF CHILDREN'S LITERATURE 3 Credit Hours
(Cross-listed with CI 77315 and ENG 66052 and ENG 76052) Wide reading in children’s literature, with particular application to school curriculum and field of reading.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67319 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours
(Cross-listed with CI 77319) 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. Graduate standing.
Prerequisite: CI 6/77310.
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: EVAL 65510 or EVAL 65511 or CI 67351 and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67330 READING IN CONTENT AREAS 3 Credit Hours
(Cross-listed with CI 77330) Information and competencies for improving students’ reading and studying in the content areas. Focus on intermediate grades through postsecondary years.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67337 THEORY AND PRACTICE OF TEACHING LITERATURE-SECONDARY AND COLLEGE 3 Credit Hours
(Cross-listed with CI 77337) This course provides a rationale for and means of relating literary theory to classroom practice and pedagogical research. For secondary and post secondary English teachers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67339 WRITING ASSESSMENT AND RESPONSE 3 Credit Hours
(Cross-listed with CI 77339) Exploration of issues in writing assessment, theoretical 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
(Cross-listed 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 (READ) major and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67352 LITERACY COACHING  3 Credit Hours
(Cross-listed with CI 77352) Focus on principles and strategies related to literacy coaching p–adult, within classrooms, schools and districts.
Prerequisite: CI 67310 or 77310; and 67319 or 77319; and 67323 or 77323; and 67330 or 77330; 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
(Cross-listed 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 Ed. or M.A. in Reading Specialization (READ) major.
Prerequisite: M.
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) (Cross-listed with CI 77392) 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: Graduate standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-30 other
Grade Mode: Standard Letter

CI 67395 SPECIAL TOPICS IN READING  1-5 Credit Hours
(Repeatable for credit) (Cross-listed 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) (Cross-listed with CI 77396) 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
(Cross-listed 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 our definition of “literacy” changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as “new literacies,” “multiliteracies,” and “arts-based knowing” to name a few) as well as encounter such “nuts and bolts” information as how to set up a blog or a wiki and basics of video editing. Appropriate for any educator who is interested in examining how “new literacies” are transforming our classrooms.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 67592 PRACTICUM MATH INTERVENTION  3 Credit Hours
(Repeatable for credit) (Cross-listed with CI 77592) 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: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 67692 CLINICAL PRACTICUM IN CORRECTIVE READING  4 Credit Hours
(Repeatable for credit) 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: Practicum or Internship
Contact Hours: 12 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 will be conducted.
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
(Repeatable for credit) (Cross-listed with CI 40093 and CI 50093) 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) This course will explore these 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 our process of reading, discussing and deliberating together, students will articulate a rationale for citizenship education and develop ways to incorporate their vision for citizenship education into your 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 (Cross-listed with CI 61125) This course will provide 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 (Cross-listed with CI 61126) During this course students will 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 (Cross-listed with CI 61127) Course provides experiences with and study of various uses of technology in social studies teaching and learning. During the course we will 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 (Cross-listed with CI 61130) Teachers will be provided with knowledge and 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 (Cross-listed 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 (Cross-listed 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 (Cross-listed with CI 61140) This course 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. Topics examined include race and gender in science education teaching the culture of science and teaching 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 (Cross-listed 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) (Cross-listed with CI 65592) Supervised and supervisory experiences in motor development for all ages and abilities, including conceptual bases for assessment and individualized task analysis.
Prerequisite: Special approval and doctoral standing.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter/S/U-IP

CI 77001 FUNDAMENTALS OF CURRICULUM 3 Credit Hours (Cross-listed 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 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. CI 77001 or compatible professional experience with fundamentals of curriculum work is recommended.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 77003 TEACHER EDUCATION 3 Credit Hours
(Cross-listed with CI 67003) This course is designed to provide 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
(Cross-listed with CI 67004) This course is designed to provide 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
(Cross-listed with CI 67005) 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. Addresses teaching and learning in the intercultural K-16 context.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77010 CURRICULUM EVALUATION 3 Credit Hours
(Cross-listed with CI 67010) This course is designed to help 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 will 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 77012 ADVANCED PRACTICUM IN CURRICULUM AND INSTRUCTION 1-3 Credit Hours
(Repeatable for credit) (Cross-listed with CI 67012) 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 schoolagency before the first day of the semester in which student teaching internship will take place.
Prerequisite: doctoral standing and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 3-9 other
Grade Mode: Satisfactory/ Unsatisfactory

CI 77006 INDIVIDUAL INVESTIGATION IN CURRICULUM AND INSTRUCTION 1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CI 67006) 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 77007 CURRICULUM AND ORGANIZATION IN THE MIDDLE GRADES 3 Credit Hours
(Slashed with CI 67007) 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 designed to extend knowledge, skills, techniques, and professional dispositions as related to middle school students' experiences, and differentiate curriculum and assessment for diverse learners.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77008 TEACHING AND LEARNING IN THE MIDDLE GRADES 3 Credit Hours
(Slashed with CI 67008) This course will emphasize 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 will 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
(Cross-listed with CI 67224) The purpose is to develop knowledge of research and theories regarding teaching and learning mathematics via computing devices. Further to 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
(Cross-listed with CI 67225) Current research theory, methodology and results in mathematics education will be investigated. Implications for instructional practice and curriculum design will be examined.
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
(Cross-listed with CI 67226) Instructional psychology and materials including technology for the effective teaching of mathematics in grade three through eight with a theoretical emphasis on cognitive development.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77227  ASSESSMENT IN MATHEMATICS EDUCATION  2 Credit Hours
(Cross-listed with CI 67227) Investigation of standards and practices in mathematical assessments as recommended by NCTM and current research. Doctoral standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226, or ECED 50147.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

CI 77228  INTERVENTION IN MATHEMATICS INSTRUCTION  2 Credit Hours
(Cross-listed with CI 67228) Investigation of alternative methods of teaching mathematics to diverse learners who experience difficulties in learning mathematics. Doctoral standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226, or ECED 50147.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

CI 77240  INTRODUCTION TO ENVIRONMENTAL EDUCATION  3 Credit Hours
(Cross-listed 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) (Cross-listed with CI 67292) Experience in designing and administering both formal and informal assessments. Doctoral standing.
Prerequisite: Completion of 2 of the following: ADED 52267, CI 67224, CI 67226, or ECED 50147.
Schedule Type: Practicum or Internship
Contact Hours: 6 other
Grade Mode: Standard Letter

CI 77310  THEORY AND PRACTICE IN THE TEACHING OF READING  3 Credit Hours
(Cross-listed 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
(Cross-listed with CI 67312) Emphasizes a process approach to writing instruction in grades K through 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
(Cross-listed 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 77315  SURVEY OF CHILDREN'S LITERATURE  3 Credit Hours
(Cross-listed with CI 67315 and ENG 66052 and ENG 76052) Wide reading in children's literature, with particular application to school curriculum and field of reading.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
CI 77310 DIAGNOSIS AND REMEDIATION IN READING 3 Credit Hours
(Cross-listed 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 andremediating reading problems. Doctoral standing.
Prerequisite: CI 6/77310.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77330 READING IN CONTENT AREAS 3 Credit Hours
(Cross-listed with CI 67330) Information and competencies for improving students’ reading and studying in the content areas. Focus on intermediate grades through postsecondary years.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77337 THEORY AND PRACTICE IN TEACHING LITERATURE-SECONDARY AND COLLEGE 3 Credit Hours
(Cross-listed with CI 67337) This course provides a rationale for and means of relating literary theory to classroom practice and pedagogical research. For secondary and post secondary English teachers.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77339 WRITING ASSESSMENT AND RESPONSE 3 Credit Hours
(Cross-listed 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
(Cross-listed 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 (CI) major and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

CI 77352 LITERACY COACHING 3 Credit Hours
(Cross-listed with CI 67352) Focus on principles and strategies related to literacy coaching, p-adult, within classrooms, schools and districts.
Prerequisite: CI 67310 or CI 77310; and CI 67319 or CI 77319; and CI 67323 or CI 77323; and CI 67330 or CI 77330; 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
(Cross-listed 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) (Cross-listed with CI 67392) 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: Practicum or Internship
Contact Hours: 3-30 other
Grade Mode: Standard Letter

CI 77395 SPECIAL TOPICS IN READING 1-5 Credit Hours
(Repeatable for credit) (Cross-listed with CI 67395) 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) (Cross-listed with CI 67396) 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 MATH INTERVENTION 3 Credit Hours
(Repeatable for credit) (Cross-listed with CI 67592) Experience in providing leadership in designing intervention programs for schools, and designing curriculum and instruction for individual learners that experience difficulties in learning mathematics. Doctoral standing.
Prerequisite: ADED 52267, CI 67224 and 67226, ECED 50147.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Standard Letter

CI 77692 CLINICAL PRACTICUM IN CORRECTIVE READING 4 Credit Hours
(Slashed with CI 67692) Application of previous courses includes supervised diagnostic/prescriptive reading work with school-age pupils and diagnostic/remedial reporting.
Prerequisite: CI 67319; and doctoral standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 12 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 will be conducted.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 other
Grade Mode: Standard Letter

CI 80089 RESIDENCY I 3 Credit Hours
Beginning doctoral seminar. Students begin to explore the field of curriculum and instruction by reading and discussing foundational and current theories and research in the field. Students will 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. This will be a 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; doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Satisfactory/Unsatisfactory

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: Doctoral standing; CI 80199.
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
This online course is designed to prepare 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. This web-based program includes lecture notes, supplemental readings, and video clips.
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 CURRICU DEVELOP 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. Required of Curriculum and Instruction Ph.D. students.
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. Required of CI Ph.D students. Doctoral standing.
Prerequisite: CI 6/77001.
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 Curriculum and Instruction doctoral students with faculty lines of inquiry and research foci while preparing doctoral students 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
(Repeatable for credit) (Cross-listed with CI 67091) A wide range of topics for advanced graduate inquiry. Normally a balance of theoretical study and creative application.  
Prerequisite: Doctoral standing and instructor’s 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 instructor’s special approval.  
Schedule Type: Seminar  
Contact Hours: 1-15 other  
Grade Mode: Standard Letter/IP

CI 87340  RESEARCH IN READING  3 Credit Hours
An introduction to a perspective on psychological processes underlying levels of reading from prereading 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 will 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
(Cross-listed with CI 67517) Developing technologies are changing the very definition of “literacy.” Course 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 our definition of “literacy” changing? Participants engage in discussions of theoretical positions related to this question (from perspectives as “new literacies,” “multiliteracies,” and “arts-based knowing” to name a few) as well as encounter such “nuts and bolts” information as how to set up a blog or a wiki and basics of video editing. Appropriate for any educator who is interested in examining how “new literacies” are transforming our classrooms.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

CI 87791  DOCTORAL SEMINAR IN MATHEMATICS EDUCATION  1-3 Credit Hours
(Repeatable for a maximum of 12 credit hours) Doctoral Seminar in Math Education. Faculty adviser recommendation required for registration.  
Prerequisite: Doctoral standing and CI major.  
Schedule Type: Seminar  
Contact Hours: 1-3 other  
Grade Mode: Standard Letter

Early Childhood Education (ECED)

ECED 10120  INTRODUCTION TO EARLY CHILDHOOD SERVICES  2 Credit Hours
Orientation to the field of early childhood education: historical and present day programs and services for young children 0-8.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 2 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 or 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 30123  LANGUAGE AND LITERACY FOR THE PRESCHOOL CHILD  3 Credit Hours
(Equivalent to ECET 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
(Equivalent to ECET 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: C (2.000) or better in MATH 14001 and 14002 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 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 schoolagency 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: Practicum or Internship
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) (Cross-listed 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. S u/graded.
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
(Cross-listed 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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Attributes</th>
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</thead>
<tbody>
<tr>
<td>ECED 40107</td>
<td>TEACHING MATHEMATICS: EARLY YEARS I</td>
<td>3</td>
<td>Standard Letter</td>
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<td></td>
<td>Instructional psychology and materials for effective teaching of mathematics in grades K-1 with a theoretical emphasis on cognitive development.</td>
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<td>Prerequisite:</td>
<td>ECED 30147 and MATH 14001 and 14002 and admission to advanced study.</td>
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<td>ECED 40114</td>
<td>TEACHING SCIENCE IN THE EARLY YEARS</td>
<td>3</td>
<td>Standard Letter</td>
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<td>(Cross-listed 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.</td>
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<td>Prerequisite:</td>
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<td>Corequisite:</td>
<td>ECED 40126 and ECED 40127 and ECED 40092 and ECED 40147 (Block IV).</td>
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<tr>
<td>ECED 40123</td>
<td>CRITICAL INQUIRY INTO INTERATED CURRICULUM IN THE PRIMARY YEARS</td>
<td>3</td>
<td>Standard Letter</td>
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<td>(Cross-listed with ECED 50123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Programme.</td>
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<td>Prerequisite:</td>
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<td>ECED 40125</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE</td>
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<td>Standard Letter</td>
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<td>Interdisciplinary inquiry into teaching as a professional practice in ECED; emphasis on teacher as researcher. Utilization of teaching learning technologies.</td>
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<td>Prerequisite:</td>
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<td>ECED 40126</td>
<td>DEVELOPMENTAL READING AND WRITING:EARLY YEARS (WIC)</td>
<td>3</td>
<td>Standard Letter</td>
<td>Writing Intensive Course</td>
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<td>(Cross-listed with ECED 50126) This course builds on work begun in ECED 40105. It explores how teachers support primary children's literacy development through small group strategic instruction based on formative assessments.</td>
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<td>Prerequisite:</td>
<td>ECED 40105 and admission to advanced study.</td>
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<td>ECED 40092 and ECED 40114 and ECED 40127 and ECED 40147.</td>
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<td>Attributes:</td>
<td>Writing Intensive Course</td>
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<tr>
<td>ECED 40127</td>
<td>DEVELOPING A BALANCED LITERACY PROGRAM (WIC)</td>
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<td>Standard Letter</td>
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<td>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.</td>
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<td>Prerequisite:</td>
<td>ECED 40105; and admission to advanced study.</td>
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<tr>
<td>Corequisite:</td>
<td>ECED 40114 and ECED 40126 and ECED 40092 and ECED 40147.</td>
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<tr>
<td>Attributes:</td>
<td>Writing Intensive Course</td>
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<tr>
<td>ECED 40142</td>
<td>HOME-SCHOOL-COMMUNITY-PARTNERSHIPS IN DIVERSE CONTEXTS (ELR)</td>
<td>3</td>
<td>Standard Letter</td>
<td>Experiential Learning Requirement, TAG Education</td>
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<tr>
<td></td>
<td>(Cross-listed 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 knowledges 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.</td>
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<tr>
<td>Prerequisite:</td>
<td>admission to advanced study.</td>
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<tr>
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<tr>
<td>ECED 40145</td>
<td>MUSIC AND RHYTHMS IN PRE-PRIMARY EDUCATION</td>
<td>3</td>
<td>Standard Letter</td>
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<tr>
<td></td>
<td>(Cross-listed with ECED 50145) Music and rhythms for preprimary children. Optional course intended for majors in early childhood education or other persons desiring additional work with preprimary children.</td>
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<td>Prerequisite:</td>
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<td>Corequisite:</td>
<td>ECED 20163 and ECED 30134 and ECED 30164 (ECED Block I).</td>
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<tr>
<td>ECED 40147</td>
<td>TEACHING MATHEMATICS:EARLY YEARS II</td>
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<td>Standard Letter</td>
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<td></td>
<td>Instructional psychology and materials for effective teaching of mathematics in grades K-3 with a theoretical emphasis on cognitive development.</td>
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<tr>
<td>Prerequisite:</td>
<td>C or better in MATH 14001 and 14002 and admission to advanced study.</td>
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<td>Corequisite:</td>
<td>ECED 40114 and 40126 and 40127 and 40092 (Block IV).</td>
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<tr>
<td>Grade Mode:</td>
<td>Standard Letter</td>
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<tr>
<td>Attributes:</td>
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</table>
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 ECET 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.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 40192 INTERNSHIP IN PRESCHOOL (ELR) 4-6 Credit Hours
(Repeatable for credit) Internship in preschool settings, full day for fifteen weeks. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: admission to advanced study; and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: ECED 40125.
Schedule Type: Practicum or Internship
Contact Hours: 18-36 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

ECED 50093 VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD EDUCATION 1-5 Credit Hours
(Repeatable for credit) (Cross-listed 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: graduate standing; and early childhood education (ECDE) major; and ECED 60167.
Corequisite: ECED 50147, ECED 50114 and ECED 50126.
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
(Cross-listed with ECED 40123) Theoretical and content background addressing integration of curriculum and global perspectives aligned with the International Baccalaureate Primary Years Programme.
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
Interdisciplinary inquiry into teaching as a professional practice in ECED; emphasis on teacher as researcher. Utilization of teaching learning technologies.
Prerequisite: admission to advanced study and 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
Taken in conjunction with ECED 50105 in the MAT program. It explores how teachers support primary children’s literacy development through small and whole group strategic instruction based on formative assessments.
Prerequisite: admission to the ECED MAT program.
Corequisite: ECED 50105 and 50147 and 50114 and 50126.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 50142 HOME, SCHOOL AND COMMUNITY RELATIONS 3 Credit Hours
(Cross-listed 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 RHYTHMS IN PREPRIMARY EDUCATION 3 Credit Hours
(Cross-listed with ECED 40145) Comprehensive coverage of music and rhythms for preprimary child. Intended for early childhood education majors or other persons desiring additional work in music with preprimary children. Graduate standing.
Prerequisite: 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 50153 ORGANIZATION AND SUPERVISION OF EARLY CHILDHOOD CENTERS 3 Credit Hours
Basic guidelines for establishing and supervising early childhood settings for infants, preschool and school age children.
Prerequisite: Grading standing and special approval.
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 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
(Cross-listed 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
(Cross-listed 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 FOUNDATIONS FOR EARLY CHILDHOOD EDUCATION 3 Credit Hours
This course introduces early childhood educators to STEM (Science, Technology, Engineering, Mathematics) for young children. This includes a foundation and overview of the what, how, and why STEM is included in preK-3 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 childhood settings.
Prerequisite: graduate standing.
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
(Cross-listed 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
(Cross-listed 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 60155  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
(Cross-listed 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
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>ECED 60167</td>
<td>LANGUAGE AND LITERACY UNDERSTANDING</td>
<td>3</td>
<td>DEVELOPMENT (Cross-listed 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. Corequisite ECED 60152. <strong>Prerequisite:</strong> Graduate standing. <strong>Schedule Type:</strong> Lecture <strong>Grade Mode:</strong> Standard Letter</td>
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<td>ECED 60169</td>
<td>UNDERSTANDING EMERGENT BILINGUAL AND</td>
<td>3</td>
<td>IMMIGRANT STUDENTS AND THEIR FAMILIES (Slashed with ECED 80169) This course is designed to help the general practitioner understand and know foundational concepts about multilingual students, immigrants, English Language Learners and their families. <strong>Prerequisite:</strong> Graduate standing. <strong>Schedule Type:</strong> Lecture <strong>Contact Hours:</strong> 3 lecture <strong>Grade Mode:</strong> Standard Letter</td>
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<td>ECED 60170</td>
<td>WRITING FOR PUBLICATION AND DISSEMINATION IN</td>
<td>3</td>
<td>EARLY CHILDHOOD EDUCATION 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. <strong>Prerequisite:</strong> Graduate standing. <strong>Schedule Type:</strong> Seminar <strong>Contact Hours:</strong> 3 lecture <strong>Grade Mode:</strong> Standard Letter</td>
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<td>ECED 60171</td>
<td>TEACHING EMERGENT BILINGUAL AND IMMIGRANTS IN</td>
<td>3</td>
<td>THE EARLY YEARS (Slashed with ECED 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. <strong>Prerequisite:</strong> ECED 60169; and graduate standing. <strong>Schedule Type:</strong> Lecture <strong>Contact Hours:</strong> 3 lecture <strong>Grade Mode:</strong> Standard Letter</td>
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<td>ECED 60199</td>
<td>THESIS I</td>
<td>2-6</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. <strong>Prerequisite:</strong> Graduate standing and special approval. <strong>Schedule Type:</strong> Masters Thesis <strong>Contact Hours:</strong> 2-6 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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<td>ECED 60299</td>
<td>THESIS II</td>
<td>2</td>
<td>Thesis students must continue registration each semester until all degree requirements are met. Graduate standing. <strong>Prerequisite:</strong> ECED 60199. <strong>Schedule Type:</strong> Masters Thesis <strong>Contact Hours:</strong> 2 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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<tr>
<td>ECED 67291</td>
<td>SEMINAR IN EARLY CHILDHOOD EDUCATION</td>
<td>1-4</td>
<td>(Repeatable for credit) (Cross-listed with ECED 77291) Seminar in early childhood education. <strong>Prerequisite:</strong> Graduate standing and special approval. <strong>Schedule Type:</strong> Seminar <strong>Contact Hours:</strong> 1-4 other <strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>ECED 67292</td>
<td>PRACTICUM AND INTERNSHIP IN EARLY CHILDHOOD</td>
<td>1-10</td>
<td>EDUCATION (Repeatable for credit) (Cross-listed with ECED 77292) Practicum/internship in early childhood 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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching. <strong>Prerequisite:</strong> Graduate standing; and Official valid certification of Child Safety Training, approved Basic Life Support and A. <strong>Schedule Type:</strong> Practicum or Internship <strong>Contact Hours:</strong> 3-30 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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<td>ECED 67295</td>
<td>SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION</td>
<td>1-5</td>
<td>(Repeatable for credit) (Cross-listed with ECED 77295) Special topics in early childhood education. <strong>Prerequisite:</strong> Graduate standing and special approval. <strong>Schedule Type:</strong> Lecture <strong>Contact Hours:</strong> 1-5 lecture <strong>Grade Mode:</strong> Standard Letter</td>
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<tr>
<td>ECED 67296</td>
<td>INDIVIDUAL INVESTIGATION IN EARLY CHILDHOOD</td>
<td>1-5</td>
<td>EDUCATION (Repeatable for credit)Individual investigation in early childhood education. <strong>Prerequisite:</strong> Graduate standing and permission. <strong>Schedule Type:</strong> Individual Investigation <strong>Contact Hours:</strong> 1-5 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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<tr>
<td>ECED 67298</td>
<td>RESEARCH IN EARLY CHILDHOOD EDUCATION</td>
<td>1-15</td>
<td>(Repeatable for credit)Research in early childhood education. <strong>Prerequisite:</strong> Graduate standing and special approval. <strong>Schedule Type:</strong> Research <strong>Contact Hours:</strong> 1-15 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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<td>ECED 70093</td>
<td>VARIABLE TITLE WORKSHOP IN EARLY CHILDHOOD</td>
<td>1-5</td>
<td>EDUCATION (Repeatable for credit) (Cross-listed with ECED 40093 and ECED 50093) <strong>Prerequisite:</strong> Doctoral standing and special approval. <strong>Schedule Type:</strong> Workshop <strong>Contact Hours:</strong> 1-5 other <strong>Grade Mode:</strong> Satisfactory/Unsatisfactory-IP</td>
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ECED 70101  CONSTRUCTIVIST TEACHING IN EARLY CHILDHOOD CLASSROOMS  3 Credit Hours
Theorists and researchers with a constructivist orientation will be examined in relationship to teacher beliefs. The course will focus on constructivist practices emphasizing child-sensitive curriculum and teaching practices.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70102  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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70112  HUMANITIES FOR CHILDREN  2 Credit Hours
(Cross-listed with ECED 60112) Relevance of humanities as applied to education of young children.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ECED 70113  PRESCHOOL EDUCATION  3 Credit Hours
(Cross-listed with ECED 60113) In-depth study of curriculum development in preschool programs.
Prerequisite: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70151  SOCIOMORAL ENVIRONMENT IN EARLY CHILDHOOD EDUCATION  3 Credit Hours
(Cross-listed with ECED 60151) 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70152  APPLICATION OF SELECTED THEORETICAL PRINCIPLES TO THE DEVELOPMENT OF YOUNG CHILDREN  3 Credit Hours
(Cross-listed with ECED 60152) 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70158  RECONCEPTUALIZING EARLY CHILDHOOD CURRICULUM  3 Credit Hours
(Cross-listed with ECED 60158) 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: Doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70163  CONTEMPORARY ISSUES AND TRENDS IN EARLY CHILDHOOD EDUCATION  3 Credit Hours
(Slashed with ECED 60163) 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 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: doctor standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ECED 70167  LANGUAGE AND LITERACY:UNDERSTANDING DEVELOPMENT  3 Credit Hours
(Cross-listed 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) (Cross-listed 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) (Cross-listed with ECED 67292) Practicum/intership 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: Practicum or Internship
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) (Cross-listed 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 80169   UNDERSTANDING EMERGENT BILINGUAL AND IMMIGRANT STUDENTS AND THEIR FAMILIES   3 Credit Hours
(Slashed with ECED 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

ECED 80171   TEACHING EMERGENT BILINGUAL AND IMMIGRANTS IN THE EARLY YEARS   3 Credit Hours
(Slashed with ECED 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

ECED 80291   ADVANCED SEMINAR IN EARLY CHILDHOOD EDUCATION   1-4 Credit Hours
(Repeatable for credit) Advanced seminar in ECED.
Prerequisite: Doctoral standing and permission.
Schedule Type: Seminar
Contact Hours: 1-4 other
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

Educational Technology (ETEC)
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: CULT 29535.
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: Special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory

ETEC 47400   TRENDS IN EDUCATIONAL TECHNOLOGY   3 Credit Hours
(Slashed with ETEC 57400) 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: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ETEC 47403   INSTRUCTIONAL DESIGN   3 Credit Hours
(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 47427 TECHNOLOGY AND LEARNING 3 Credit Hours
(Slashed with ETEC 57427) Overview of technology used in education. Focuses on implementing and facilitating learner-centered curriculum with computer technology. Students develop web-based instructional materials.
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) Variable topic workshop designed to respond to emerging or specialized needs in educational technology.
Prerequisite: Graduate standing and special approval.
Schedule Type: Workshop
Contact Hours: 1-4 other
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 57400 TRENDS IN EDUCATIONAL TECHNOLOGY 3 Credit Hours
(Slashed with ETEC 77400) 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 77403) 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) Overview of technology used in education. Focuses on implementing and facilitating learner-centered curriculum with computer technology. Students develop web-based instructional materials.
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) Master of arts students must register for at least one semester of Thesis I under the supervision of an adviser.
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) If 6 credits of Thesis I have been completed, master thesis students must continue to register each semester under Thesis II until all degree requirements are met.
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 INSTRUCTION 3 Credit Hours
(Slashed with ETEC 77411) Investigates research in perception and cognition and its influence on principles and best practices in instructional visual design. Focuses on the design of instructional 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 INSTRUCTION 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: ETEC 57403; and 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 other
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: Practicum or Internship  
Contact Hours: 10 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

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: Lecture  
Contact Hours: 1-4 lecture  
Grade Mode: Standard Letter

ETEC 67496  INDIVIDUAL INVESTIGATION IN EDUCATIONAL TECHNOLOGY  1-3 Credit Hours
(Repeatable for credit) (Slashed with ETEC 77496) 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

ETEC 67498  INDEPENDENT RESEARCH IN EDUCATIONAL TECHNOLOGY  1-5 Credit Hours
(Repeatable for credit) (Slashed with ETEC 77498) Students pursue an individualized research project on a specialized topic with approval and under direction of instructor.  
Prerequisite: graduate standing; and graduate standing.  
Schedule Type: Research  
Contact Hours: 3-15 other  
Grade Mode: Satisfactory/Unsatisfactory-IP

ETEC 77402  MANAGING SCHOOL TECHNOLOGY CENTERS AND PROGRAMS  3 Credit Hours
(Slashed with ETEC 67402) Provides skills in planning, organizing, administering and evaluating school-based technology and media centers.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ETEC 77410  SIMULATIONS AND GAMES IN EDUCATION  3 Credit Hours
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: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ETEC 77411  DESIGNING VISUALS FOR INSTRUCTION  3 Credit Hours
(Slashed with ETEC 67411) Investigates research in perception and cognition and its influence on principles and best practices in instructional visual design. Focuses on the design of instructional visuals and media in print, video, and computer-based technology.  
Prerequisite: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ETEC 77420  RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY  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

ETEC 77425  MANAGING TECHNOLOGICAL CHANGE  3 Credit Hours
(Slashed with ETEC 67425) 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: Doctoral standing.  
Schedule Type: Lecture  
Contact Hours: 3 lecture  
Grade Mode: Standard Letter

ETEC 77426  MANAGING SCHOOL TECHNOLOGIES  3 Credit Hours
(Slashed with ETEC 67426) 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

ETEC 77432  DESIGNING MULTIMEDIA FOR EDUCATION  3 Credit Hours
(Slashed with ETEC 67432) 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

ETEC 77434  EMERGING TECHNOLOGIES FOR INSTRUCTION  3 Credit Hours
(Slashed with ETEC 67434) 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
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(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: ETEC 57403; and 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: Standard Letter

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: Practicum or Internship
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 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 instructions. 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 (MCED) major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 40000  TEACHING AND LEARNING IN MIDDLE CHILDHOOD II  2 Credit Hours
This course is the third of the four required seminars in middle childhood. Emphasis on theories of learning and classroom management and their application to teaching in classrooms with diverse learners.
Prerequisite: HDFS 24013 and admission to advanced study.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

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: Advanced study.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

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
Attributes: Writing Intensive Course

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 middle childhood education (MCED) major and MCED 31000.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter-IP

MCED 42358  STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)  9 Credit Hours
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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty/staff at Regional campuses as prerequisite for student teaching.
Prerequisite: MCED 41000 and MCED 40007 and admission to advanced study; and Official valid certification of Child Safety Training, approved by the campus office of education (MCED) major and MCED 31000.
Schedule Type: Practicum or Internship
Contact Hours: 9 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: special approval.
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 42358.
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 teaching 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 grade of C; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 52358  STUDENT TEACHING IN MIDDLE CHILDHOOD  9 Credit Hours
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. L.I.C.E. Training must be presented to the campus office of clinical experience or designated faculty-staff at Regional campuses as prerequisite for student teaching.
Prerequisite: graduate standing; and Official valid certification of Child Safety Training, approved Basic Life Support and A.
Corequisite: MCED 59525.
Schedule Type: Practicum or Internship
Contact Hours: 9 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: special approval and graduate standing.
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: Minimum grade of C (2.000) in CI 67107 and in MCED 50007 and graduate standing.
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 10307  VOLLEYBALL  1 Credit Hour  
Instruction in the skills and techniques of the game of Volleyball  
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 10504  SAND VOLLEYBALL  1 Credit Hour  
Basic instruction in Volleyball skills and Sand Volleyball game strategies.  
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 10515  WALLYBALL  1 Credit Hour  
Basic instruction in Volleyball skill and Wallyball game strategies.  
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 10612  LIFEGUARD TRAINING  2 Credit Hours  
Individuals beyond the lifesaving level are prepared to assume the responsibilities of lifeguards at pools or at nonsurf open water beaches.  
Prerequisite: None.  
Schedule Type: Lecture  
Contact Hours: 4 lab  
Grade Mode: Standard Letter
PWS 10704  INTERMEDIATE GOLF  1 Credit Hour
Learn mechanics and techniques of the full golf swing, pitching, chipping, bunker play and putting. Learn to play better by playing rounds of golf. Learn the basic rules of golf and proper golf etiquette.
Prerequisite: PWS 10604.
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 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 11426  VARSITY SPORT TRAINING AND CONDITIONING  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 11425  VARSITY SPORTS  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 11164  BEGINNING KARATE  1 Credit Hour
Beginning Karate A karate 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 11605  INTERMEDIATE KARATE  1 Credit Hour
Continuation of the perfection of basic karate techniques with the main emphasis on kumite (fighting).
Prerequisite: PEB 11604.
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 11634 SELF-DEFENSE  1 Credit Hour
A self-defense course designed for students with little or no martial arts or self-defense background. Physical, verbal, and mental defensive techniques, tactics, and strategies are taught to prepare students for any potentially dangerous situation they may encounter. The course will also improve the student’s physical and mental fitness.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11663 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 PILATES  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 calisthetics, 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 11673 INTERMEDIATE YOGA  1 Credit Hour
Expansion of Yoga skills, building on knowledge base from Beginning Yoga. Students will explore movement components of anatomy, as related to yoga asanas and understand relationship of asanas to anatomy, creating movement and space.
Prerequisite: PWS 11663.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11674 INTERMEDIATE PILATES  1 Credit Hour
Intermediate Pilates reviews the fundamentals of the beginner class while moving on to the more challenging exercises and repertoire. Students will review and practice correct technique and form for strength, breathing, fluidity, and endurance for mat Pilates. This class is designed for experienced Pilates students.
Prerequisite: PWS 11664.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11675 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 the an ideal way to sculpt the body.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 11684 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 11904 BEGINNING ICE SKATING  1 Credit Hour
This course will give the beginner an introduction to the basic skills of ice skating with a focus on safe technique and the development of the basic skills of ice skating. Students will learn the fundamentals of balance, movement and safety on the ice.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 12004 BASIC FIGURE SKATING  1 Credit Hour
This course will give the intermediate skater an introduction to the disciplines of figure skating and basic figure skating terminology. Students will learn figure skating fundamentals and how to use previously developed skills to achieve proficiency in more difficult skills.
Prerequisite: PWS 11904.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter
PWS 12204  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 12324  WEIGHT TRAINING  1 Credit Hour
This course is designed to teach students the correct technique in lifting with machines, free weights and body weight in a safe and effective manner. Students learn scientific methods (macrocycle, mesocycle and microcycle) on how to correctly design a resistance training workout based around desired goals of strength, endurance, hypertrophy, power and speed. Students will be tested on the application of their knowledge by having to design an 8 week training planning with specific training principles used.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 2 lab
Grade Mode: Standard Letter

PWS 12325  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: PSW 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 camping skills including: toolcraft, ropecraft, fire building, cooking, campsite management, equipment selection, safety considerations, environmental ethics, and map and compass for use on weekend trip. Students must supply own clothing and shelter.
Prerequisite: Special approval.
Schedule Type: Laboratory
Contact Hours: 4 lecture
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 for understanding 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 - Professional (PEP)

PEP 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

PEP 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

PEP 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

PEP 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

PEP 15017 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

PEP 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: 1 lab
Grade Mode: Standard Letter

PEP 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.
Prerequisites: none
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PEP 25025 TEACHING IN PHYSICAL EDUCATION 3 Credit Hours
A seminar focused on the inquiry of teaching and learning of movement activities. A study of the role of the teacher, teacher behaviors, learning environments in movement activities and technology applications in physical education. Field observation hours requires a BCII and FBI background check report.
Prerequisite: PEP 15010.
Schedule Type: Laboratory, Lecture
Contact Hours: 1 lecture, 2 lab
Grade Mode: Standard Letter
PEP 25026  OVERVIEW OF OUTDOOR PURSUIT 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: physical education-professional (PEP) majors.
Schedule Type: Combined Lecture and Lab
Contact Hours: 3 other
Grade Mode: Standard Letter

PEP 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

PEP 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

PEP 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: Junior standing; and EXSC 35068 or PEP 25056.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

PEP 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

PEP 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

PEP 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

PEP 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

PEP 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

PEP 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

PEP 35084  MOTOR SKILL ANALYSIS  3 Credit Hours
Designed to assist teachers, coaches, and physical activity specialists in the analysis of motor skills. Students study the applications of performance and biomechanical principles to enhance skill and tactical performance in physical activity settings.
Prerequisite: none.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PEP 45015  PSYCHOLOGY OF COACHING  3 Credit Hours
(Cross-listed 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
PEP 45020 CONTEMPORARY ATHLETIC COACHING 3 Credit Hours
(Cross-listed 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

PEP 45037 ADAPTED PHYSICAL EDUCATION 3 Credit Hours
An academic and practical approach to physical education for specific disorders. Field based experience (10 hours).
Prerequisite: Junior standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

PEP 45051 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS 3 Credit Hours
(Cross-listed 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. Prerequisites: PEP 15010, 15011, PEP 15015, PEP 15016, PEP 15020, PEP 25025, and PEP 25033; and special approval
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

PEP 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. Prerequisites: PEP 15010, PEP 15011, PEP 15015, PEP 15016, PEP 15020, PEP 25025, and PEP 25033; and special approval
Corequisite: PEP 45051.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

PEP 45058 SECONDARY SCHOOL PHYSICAL EDUCATION METHODS 3 Credit Hours
(Cross-listed 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. Corequisite: PEP 45059
Prerequisite: PEP 15010, PEP 15011, PEP 15015, PEP 15016, PEP 15020, PEP 25025, and PEP 25033; and special approval.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

PEP 45059 SECONDARY SCHOOL PHYSICAL EDUCATION CONTENT 3 Credit Hours
(Cross-listed 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. Prerequisites: PEP 15010, PEP 15011, PEP 15015, PEP 15016, PEP 15020, PEP 25025, and PEP 25033; and special approval.
Corequisite: PEP 45058.
Schedule Type: Combined Lecture and Lab
Contact Hours: 2 lecture, 2 lab
Grade Mode: Standard Letter

PEP 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: Practicum or Internship
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PEP 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: Standard Letter-IP

PEP 45592 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: PEP 45020 and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 6-12 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement

PEP 49525 INQUIRY INTO PROFESSIONAL PRACTICE IN PHYSICAL EDUCATION 3 Credit Hours
Seminar focused on development of those skills and knowledge which enable future teachers to engage in effective reflective, collaborative and ethical professional practice.
Prerequisite: Admission to advanced study.
Corequisite: PEP 49526.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
PEP 49526   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 corequisite with PEP 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/agency before the first day of the semester in which student teaching/ 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 as prerequisite for student teaching. 
Prerequisite: Special approval and admission to advanced study.
Corequisite: PEP 49525.
Schedule Type: Practicum or Internship
Contact Hours: 45 other
Grade Mode: Satisfactory/Unsatisfactory-IP
Attributes: Experiential Learning Requirement