# 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 clinical hours 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-IP  

**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: Admission to 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
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
Basic Life Support and A.
Corequisite: MCED 49525.
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, literary in electronic environments, authentic assessment and teaching children who struggle as readers.
Prerequisite: Graduate standing.
Schedule Type: Lecture
Contact Hours: 6 lecture
Grade Mode: Standard Letter

MCED 50007  TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD  3 Credit Hours
The study of the teaching of reading with literature with middle childhood students within an integrated language arts approach in a comprehensive literature program.
Prerequisite: MCED 50006 and Graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 50045  TEACHING MATHEMATICS IN THE INTERMEDIATE YEARS, GRADES 4-5  3 Credit Hours
To develop knowledge of the theories, materials and methods used to teach mathematics in the contemporary classroom for grades 4-5 and develop skill in their use.
Prerequisite: ECED 40147 with a minimum 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: Graduate standing and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 57745  CRITICAL INQUIRY AND INTEGRATION: SCIENCE AND SOCIAL STUDIES, GRADE 5  3 Credit Hours
Engages students in the use and development of pedagogical content knowledge for teaching grade 5 using an interdisciplinary, inquiry approach to teaching and learning in science and social studies.
Prerequisite: Graduate standing and special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

MCED 59525  INQUIRY INTO PROFESSIONAL PRACTICE MIDDLE CHILDHOOD  3 Credit Hours
A seminar linked to student teaching with an emphasis on action research as professional development, completion of professional portfolios, professional ethics and legal, medical and ethical issues in teaching.
Prerequisite: 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