MEFB 351 Introduction to Middle Grades: Adolescent Development, Philosophy and Organization  
Credits 3. 2 Lecture Hours. 6 Lab Hours.  
Study of young adolescents in domains of physical, social, emotional, cognitive, interpersonal, moral growth and development; organizational structure of middle schools supporting development of young adolescents through teaming and interdisciplinary work; investigates roles and responsibilities of middle level teachers.  
Prerequisite: Junior classification.  

MEFB 450 Social Studies Methods in the Middle Grades  
Credits 3. 2 Lecture Hours. 6 Other Hours.  
Trends and issues related to middle grades curriculum development and instruction in social studies and humanities; integration of content, planning, teaching-learning experiences; evaluation of teaching and learning in social studies.  
Prerequisites: MEFB 352; admission to teacher education; senior classification.  
Corequisites: RDNG 470 and RDNG 490.  

MEFB 452 Curriculum and Instruction for Middle Grades  
Credits 3. 2 Lecture Hours. 6 Other Hours.  
(2-6). Study of educational theory and instructional strategies appropriate to middle grades education including planning and development of interdisciplinary and multidisciplinary curricula; student centered learning and methodologies.  
Prerequisite: Admission to teacher education; junior or senior classification; concurrent enrollment in MEFB 450, RDNG 470, and RDNG 490 or MEFB 460, MEFB 470, and RDNG 490.  

MEFB 460 Math Methods in Middle Grades  
Credits 3. 2 Lecture Hours. 6 Other Hours.  
Examines theories, provides practice in teaching methods essential to successful mathematics learning; focuses on content and criteria central to teaching mathematics for understanding, skill development, and problem solving; readings, discussions, analyses; modeling and practicing mathematics teaching and learning.  
Prerequisites: MASC 351 and MASC 450; admission to teacher education; senior classification.  
Corequisites: MEFB 452, MEFB 470, RDNG 490.  

MEFB 470 Science Methods in Middle Grades  
Credits 3. 2 Lecture Hours. 6 Other Hours.  
Problems-based-learning course integrating science content, scientific inquiry skills and field-based instruction; technology-mediated teaching, learning, and assessment.  
Prerequisites: MEFB 352; admission to teacher education; senior classification.  
Corequisites: MEFB 460; MASC 450.  

MEFB 497 Supervised Clinical Teaching  
Credits 6. 30 Other Hours.  
Culmination of teaching education program; integrate and apply knowledge and skills learned from program of study while observing and participating in accredited schools with university supervision. Must be taken on a satisfactory/unsatisfactory basis. Must be taken on a satisfactory/unsatisfactory basis.  
Prerequisite: Admission and retention in teacher education program; successful completion of all coursework; junior or senior classification.