

## MEFB - MID GRDS ED FIELD BASED (MEFB)

### 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.