## MIDDLE GRADES EDUCATION

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| **MGED 3314 - Math in Middle Grades ..................3.00 Credits** This course covers methods of teaching measurement, geometry number relations and operations, statistics, probability, and problem solving; uses of manipulative, models, and diagrams, and mathematics assessment (objectives, goals, alternative methods of assessment and purposes of assessment) modeling instructional formats; uses of calculators and technology; developing lesson plans and curriculum projects, and completing 20 hours of field experience. The National Council of Teachers of Mathematics (NCTM) provides a philosophical foundation for the course. Georgia Performance Standards (GPS) Standards provide a focus for lesson plans content areas.  **MGED 3315 - Curriculum Needs and**  **Characteristics Middle School Children ...............3.00 Credits** This course is designed to provide pre-service teachers with an overview of the curriculum needs and characteristics of middle grade children, along with program rationale goals, principles of curriculum development, organizational designs and teaching strategies.  **MGED 3326 - Preadolescent Literature ................3.00 Credits** This course is a survey of the types of literature appropriate for students in grades 4-8. Emphasis is placed upon extensive reading and evaluation of children's books as well as techniques for effective use in the classroom.  **MGED 4414 - Math and Science**  **for the Middle Grades .............................................3.00 Credits** This course covers methods of teaching measurement, geometry number relations and operations, statistics.  **MGED 4422 - Social Studies**  **in Middle Grades .....................................................3.00 Credits** This course teaches principles and practices of teaching concepts and skills in Social Studies in our culturally diverse society. | **MGED 4423 - Language Arts**  **in Middle Grades .....................................................3.00 Credits** This course is designed to give prospective teachers of middle grade students, the knowledge and skills necessary to assist youth in becoming efficient in their use of the six linguistic skills of listening, speaking, reading, writing, viewing (visually representing), and illustrating for the overall purpose of effective communication in our culturally diverse society. This in turn will ensure wise decision-making and responsible citizenship in our democratic society. As such, the course is an integrated overview of the principles, practices, and materials used in teaching language arts for verbal, non-verbal and writ- ten communication.  **MGED 4434 - Science in Middle Grades...............3.00 Credits** This course examines teaching strategies appropriate for middle grade students to understand physical and biological concepts. Problem- solving, lecture and inquiry techniques are examined.  **MGED 4439 - Reading in the Middle Grades.......3.00 Credits** Course designed to focus attention on reading instruction as it relates to the particular needs of the early adolescent in the middle grades. The goal is to prepare prospective teachers to teach reading across the curriculum and as a separate subject.  **MGED 4461 - Student Teaching in Middle Grades12.00 Credits** Observation and teaching for one semester under the direction of an approved supervising teacher in selected middle school centers. Seminar component is included. EDUC 4400. 12 credit hours.  **MGED 4481 - Intern I Grades Education .............6.00 Credits** Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. Admission to in internship. 6 credit hours.  **MGED 4482 - Intern II Grades Education ...........6.00 Credits** Teaching middle school children in appropriate classroom settings under supervision. Designed for in-service classroom teachers only. |