

# TEACHER EDUCATION

## Mission and Objectives

The Department of Teacher Education offers the Master of Education (M.Ed.) degree in the various certification areas shown and several state-approved endorsements. The purpose of the M.Ed. degree program is to develop responsibility and leadership in classroom teaching and/or subject matter specialization. The program promotes critical thinking and creative reasoning skills in solving educational problems, a continual quest for knowledge and the ability to communicate effectively with students, parents, citizens and the community of educators. The program has the following objectives:

1. To prepare teachers and other school professionals to implement basic and applied research in education.
  2. To promote the development of the essential observable competencies deemed significant for teachers and other school professionals.
  3. To assure the acquisition of advanced knowledge in a field of concentration.
  4. To provide a variety of experiences that enhance professional advancement opportunities for teachers and other school professionals.
  5. To prepare students for further graduate study in the field of education.
- Elementary Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/early-childhood-education-med/>)
  - Middle Grades Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/middle-grades-education-med/>)
  - Secondary Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education/>)
  - Special Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/special-education-med/>)
  - Teacher Education Endorsements (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/endorsements/>)
  - Elementary Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/early-childhood-education-med/>)
  - Middle Grades Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/middle-grades-education-med/>)
  - Secondary Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/master-education-secondary-education/>)
  - Special Education, Master of Education (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/special-education-med/>)
  - Teacher Education Endorsements (<http://catalog.asurams.edu/graduate/degree-programs/teacher-education/endorsements/>)

### ECEC 5500 - Early Childhood Development (3 Credits)

Advanced course in the physical, emotional, social and intellectual development of infants and young children through nine years of age and in observations of children in this age period for the purpose of applying principles and plotting developmental changes. Observation-laboratory experiences will be included to reflect on those observations. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Fall.

Other hours: 3

### ECEC 5509 - Theories, Design, and Program Development in Elementary Education (3 Credits)

Provides for the analysis and evaluation of the needs of both student and teacher in differentiated learning environments in the preschool primary grades in early childhood education. Curricula design will address varied philosophies, theories and methods of teaching and supporting auxiliaries. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Spring.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

### ECEC 5512 - Cultural Diversity In Elementary Education (3 Credits)

Educational programs for young children with varied cultural and socioeconomic backgrounds. Opportunities will be provided for analysis and evaluation of these programs through selected field experiences and action research. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Fall.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

### ECEC 5518 - Issues in Elementary Education (3 Credits)

This course will focus on current research trends and issues, historical, philosophical and sociological influences that have shaped early childhood education. Controversial issues and alternative approaches to solve problems will be investigated. Offered: Summer.

Other hours: 3

### ECEC 5525 - Mathematical Experiences for Young Children (3 Credits)

Theoretical viewpoints that have affected the teaching pre-mathematical and math concepts will be examined. Innovative mathematics projects and programs will be reviewed. Laboratory experiences will be arranged. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Summer.

Other hours: 3

### ECEC 5527 - Science Experiences for Young Children (3 Credits)

Theoretical viewpoints which have affected the teaching of science concepts will be reviewed. Curriculum, method, materials and technologies will be analyzed and evaluated in view of current research and practices. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Summer.

Lecture hours: 3

**ECEC 5550 - Social Studies in Elementary Education (3 Credits)**

This course will examine innovative techniques for teaching of social studies. Curriculum, methods and techniques will be analyzed and evaluated in view of current research and practices. Field experiences to include field-testing social studies projects will be required. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Spring.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**ECEC 5551 - Understanding and Teaching Alg (3 Credits)**

This course provides an in depth exploration of algebraic thinking, number systems, problem posing and problem solving in P-5 settings. Candidates will explore the algebraic content in their general classroom activities and practice algebraic thinking and representing mathematical models. The lessons will include strong emphasis on best practices for developing mathematical thinking in young children.

Other hours: 3

**ECEC 5552 - Understanding and Teaching Geometry (3 Credits)**

This course explores developmentally appropriate concepts in geometry and measurement. In addition to an overall focus on the development of mathematical thinking and language development, specific topics covered include theorems for the young child, circumference, perimeters, volume, metric system and navigating spatial relationships. Offered: Spring.

Other hours: 3

**ECEC 5553 - Understanding and Teaching Dat (3 Credits)**

This course launches an exploration into data analysis and probability in the P-5 classroom. Candidates will extend and refine their knowledge of data collection, organization, representation, analysis, and interpretation using real world sources and scenarios. Probability and basic concepts of chance will also be examined. Offered: Summer.

Other hours: 3

**ECEC 5555 - Creative Experiences in Early Childhood Education (3 Credits)**

Emphasizes a team teaching approach to the study of the creative process by use of selected topics of creative experiences in the living and learning of children. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Summer.

Lecture hours: 3

**EDAS 6655 - The Principal as Instructional Leader (3 Credits)**

This is an advanced course in school administration for students in the Education Specialist Performance-Based Program specializing in building level administration. Although some emphasis will be placed on management and structure of the school, the major focus is on the role of the principal in creating and maintaining a program of instructional excellence. Thus, every facet of the course will lead to creating a school leader who is able and willing to promote student achievement.

Lecture hours: 3

**EDAS 6685 - School and Community Relations (3 Credits)**

Students study school-community relations and their impact on the school operation. Emphasis is on the influence of the social forces on the school.

Lecture hours: 3

**EDAS 6710 - The Superintendent (3 Credits)**

This course is an intensive study of Research literature on the School Superintendent. The Executive Leadership responsibilities, roles, and styles with references on superintendent and school-board relationship will be considered. This course is part of a Performance-Based Educational Specialist Program. One hundred percent of the Activities and Assessments for this course are Performance-Based.

Lecture hours: 3

**EDAS 6711 - Software Systems in educational Administration (3 Credits)**

Students examine administrative computer software currently used in Georgia school systems such as pupil accounting, grade reporting, grade posting, food service accounting, class scheduling, discipline records, communication systems, multimedia presentation systems, activity fund accounting, general fund accounting, personnel records, purchasing, bus scheduling, maintenance and repair scheduling, payroll, budgeting and balance sheet preparation.

Lecture hours: 3

**EDAS 6719 - Residency I Building Level (6 Credits)**

Candidates acquire building level administrative experience under a practicing supervisor /administrator. This course is part of a Performance-Based Educational Specialist program. One hundred percent of the activities/assessments for this Course are performance-based. This course is designed for Ed.S. candidates to maximize opportunities and practices and refine their skills in building level administration. The experiences of this course include the beginning of an Administrative Preparation Portfolio for the candidate to document and record progress toward meeting Professional Standards Commission (PSC) Standards and Board of Regents (BOR) Performance Strands for Specialists' Level preparation, assess needs and complete performance-based experiences in an authentic building level setting. These experiences will lead to the Residency II EDAS 6769.

Lecture hours: 6

**EDRG 5594 - Introduction to Theory & Pedagogy in Reading Education (3 Credits)**

This course is designed to provide an overview of foundational knowledge for reading instruction and practical, technological, and theoretical information about the reading and writing processes needed to instruct diverse populations are covered. Current research in the field of reading education is included to equip the teacher with a balanced perspective. Offered: Fall.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDRG 5595 - Diagnostic & Prescriptive Procedures in Reading Education (3 Credits)**

Focuses on using assessment tools to plan, evaluate, and revise effective instruction to meet the needs of all learners. Offered: Spring.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDRG 5596 - Content Area Literacy (3 Credits)**

Focuses on instructional strategies of literacy skills teachers can use to help learners transfer skills in specific content areas. Offered: Summer.

Other hours: 3

**EDUC 5000 - Professional Development for Accomplished Educators (3 Credits)**

This course focuses on the self-assessment of individual student understanding and application of mastery outcomes based on National Board for Professional Teaching Standards. Emphasis will be upon preparing educators to assess their practice using the rigorous guidelines for the NBTS process. Offered: Fall.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDUC 5199 - Orientation to Adv Prof Educ (0 Credits)**

This course is for Master of Education students entering an education program. The Orientation to Graduate Education provides students with the training and information needed to successfully navigate ASU teacher preparation program requirements. Students will receive training on the College of Education's Conceptual Framework; the requirements needed to successfully complete teacher preparation programs; learn to navigate Degreeworks to complete academic program plans of study; and learn to navigate LiveText for purposes of assessment and evaluation of Key Unit and Program specific assessments. All students will be required to purchase a LiveText account and have an active ASU account prior to participation in the course. Offered: Fall, Spring, Summer.

**EDUC 5441 - Culturally Responsive Teaching (3 Credits)**

Cultural difference influence classroom instruction and the performance of all students. This course is designed to prepare educators to teach in today's culturally diverse classrooms by providing them with a baseline of critical information and abilities, as well as a self-monitoring attitude to be successful. It presents students with the latest information on teacher effectiveness and specific suggestions on providing culturally responsive instruction in today's classrooms. The content of the course is performance-based and is designed for elementary through secondary professional educators. Offered: Fall.

**EDUC 5443 - Educational Assessment in STEM (3 Credits)**

This course provides foundational knowledge of diagnostic, formative, and summative assessments for K-12 student learning in STEM fields (science, technology, engineering, or math). It is designed to teach STEM educators how to create developmentally appropriate assessments that align to state and national standards for K-12 student performance. Course content emphasizes assessment practices for monitoring student performance and assessment uses for data-driven instruction. Offered: Spring.

Lecture hours: 3

**EDUC 5500 - Educational Statistics, Research, & Analysis (3 Credits)**

Application of basic descriptive statistics to education. Data graphs and tables, probability, sampling statistics, correlation and hypothesis testing are studied. Offered: Fall.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDUC 5501 - Educational Research (3 Credits)**

A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas are presented. Offered: Spring.

Prerequisites: (EDUC 5500 or EDUC 500)

Other hours: 3

**EDUC 5502 - Action/Classroom Research (3 Credits)**

A study of research methods, procedures and designs, including the preparation of research abstracts and action research as it applies to educational settings. Offered: Spring.

Other hours: 3

**EDUC 5504 - History of Education (3 Credits)**

A survey of major developments in the rise of public school in the U. S. from the colonial period to the present. Offered: Fall.

Lecture hours: 3

Other hours: 3

**EDUC 5509 - Philosophy of Education (3 Credits)**

A study of the basic tenets of education focusing on current issues and their basic assumptions in schools. The derivations of issues and practices are analyzed. Offered: Spring.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDUC 5531 - Mathematics Concepts in Secondary Schools (3 Credits)**

Current problems in teaching mathematics in the secondary school with emphasis on defining objectives, analyzing content and individualized instruction. Offered: Fall, Spring, Summer.

Lecture hours: 3

**EDUC 5540 - Curriculum Principles in STEM (3 Credits)**

This course provides foundational knowledge for planning instructional lessons in STEM fields (science, technology, engineering, or math). It is designed to teach STEM educators how to create developmentally appropriate curriculum that aligns to local and state curriculum standards for student performance. Course content emphasizes curriculum planning that reflects multiple sources of data, resources, strategies, and activities for supporting the needs and interests of diverse learners. Offered: Summer.

Other hours: 3

**EDUC 5550 - Foundation Principles in Education, Growth Development (3 Credits)**

This is an intensive course designed to provide foundational information to teacher education candidates that outlines the history of US public schooling, issues and trends in schooling, tenants of educational philosophy and educational psychology, and emphasizes the importance of cultural sensitivities and congruence during the educational process. Offered: Fall, Spring, Summer.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**EDUC 5570 - Strategies of Instruction in Science (3 Credits)**

Designed to introduce the professional teacher to the theories and practices of supervising student teaching nature of learning science, a system for instruction, instructional skills and evaluation of science teaching. Candidates must earn a minimum grade of B to receive credit for this course in the program of study. Offered: Summer.

Lecture hours: 3

**EDUC 5590 - Practicum I: Internship K-12 (3 Credits)**

Field-based experiences providing an opportunity for extensive training and application of knowledge with classroom students in the appropriate grade band as defined by the certification program (grades PK - 5 for elementary education; grades 4 – 8 for middle grades education, grades 6 – 12 for secondary education). Offered: Fall, Spring.

**EDUC 5591 - Practicum II: Internship (3 Credits)**

Field-based experiences providing an opportunity for extensive training and application of knowledge with classroom students in the appropriate grade band as defined by the certification program (grades PK - 5 for elementary education; grades 4 – 8 for middle grades education, grades 6 – 12 for secondary education). Offered: Fall, Spring.

**EDUC 5592 - Applied Research in Teacher Education (3 Credits)**

This course is designed to introduce advanced teacher candidates to quantitative and qualitative strategies for educational data collection and analysis. By the end of the course, advanced candidates will be able to design and implement an action research study in order to improve student achievement, drive teacher instruction, and positively impact school performance. Offered: Summer.

Other hours: 3

**EDUC 6000 - Research I (3 Credits)**

The purpose of this course is to introduce candidates to quantitative and qualitative methods for conducting meaningful inquiry and research. Candidates will gain an overview of research intent and design, methodology and technique, format and presentation, and data management and analysis informed by commonly used statistical methods. The course will develop each candidate's ability to use this knowledge to become more effective as school leaders.

Lecture hours: 3

**EDUC 6199 - Orientation to Educational Specialist Program (0 Credits)**

Orientation to Educational Specialist Program provides candidates with the training and information needed to successfully navigate ASU's Educational Specialist program requirements. Candidates will receive training on the requirements needed to successfully complete the Educational Specialist preparation program; navigate LiveText for the purposes of assessment and evaluation of Key EPP and Program specific assessments. All candidates will be required to purchase a two-year LiveText account and have an active ASU account prior to participation in the course. Offered: Fall, Spring, Summer.

**EDUC 7701 - Advanced Educational Research (3 Credits)**

A study of research methods, procedures and design, including preparation of research abstracts. Writing reports in the field of education and related areas is presented. Action research is focused on current problems in schools.

Lecture hours: 3

**ETEC 5521 - Teaching Online in K-12 Setting (3 Credits)**

Teaching Online in K-12 Setting (3 credits) This course will introduce the theory and practice of online teaching and learning and specifically address this concept as it relates to learners in the K-12 environment. Emphasis is placed on understanding online teaching tools, managing the virtual student caseload, engaging the online learner, and individualizing instruction in the virtual classroom. Participants will develop the necessary knowledge and skills to teach in a K-12 virtual school setting using the internet as a conduit for instruction. In addition, participants will develop the skills necessary to supplement existing lessons with asynchronous and synchronous activities designed to meet individual learner needs. Offered: Fall.

Other hours: 3

**ETEC 5522 - Theoretical Foundations of Edu Tech (3 Credits)**

Theoretical Foundations of Edu Tech (3 credits) This course is an overview of critical and contemporary theories of learning and theoretical applications in educational technology and emerging orientations as well as implications for practice. This course explores foundations, history, perspectives, and literature that is applicable across educational disciplines. Candidates will be challenged to think more critically about their efforts and career goals. Offered: Spring.

Other hours: 3

**ETEC 5523 - Online Course Design (3 Credits)**

Online Course Design (3 credits) This course prepares candidates to engage in the instructional design process for developing and delivering effective learning experience in the classroom. Candidates will create technology-enhanced curriculum with written justification of design decisions. Offered: Summer.

Other hours: 3

**ETEC 5524 - Delivery of Instruction in Online Tech (3 Credits)**

Delivery of Instruction in Online Tech (3 credits) This online course provides a practical field experience wherein candidates will demonstrate their knowledge and skill of online instruction and engagement as outlined in Educator Prep Rule 505-3-85 which are necessary for success as a teacher with the endorsement. In addition, this course provides a space for candidates to showcase their research ability using the technology to enhance praxis and practices. Offered: Fall.

Other hours: 3

**MGED 5520 - Language Arts Concepts for Middle Childhood (3 Credits)**

This course focuses on the application of various concepts of language arts instruction for young adolescent students in the middle grades. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course. Offered: Fall.

Lecture hours: 3

**MGED 5530 - Mathematics Concepts for Middle Childhood Education (3 Credits)**

Study of the following as they relate to the learning and teaching of middle grade mathematics: strategies and materials, the child's mathematical development and understanding and assessment. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course. Offered: Summer.

Other hours: 3

**MGED 5532 - Methods and Materials of Teaching Middle Grades Mathematics (3 Credits)**

Instructional materials and evaluation in teaching mathematics in the middle school. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

Other hours: 3

**MGED 5540 - Curriculum Principles (3 Credits)**

Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course. Offered: Fall.

**MGED 5541 - Nature and Curriculum Needs of the Middle Grades Student (3 Credits)**

An integrated in-depth study of the middle grades children with particular reference to their unique characteristics and needs. Selected topics will cover the historical development of the middle school, program goals, principles of curriculum development, organizational design of the middle school, instructional strategies and multiple authentic assessments. The candidate must earn a minimum grade of 'B' to receive credit on the program of study for this course.

Lecture hours: 3

**SPED 5501 - Exceptional Child (3 Credits)**

A survey course satisfying House Bill 671 and focusing on the characteristics, identification, prevalence, and programming of exceptionality areas for which children and youth may obtain special educational services. Offered: On Demand.

Other hours: 3

**SPED 5510 - Characteristics & Instruc Stra (3 Credits)**

A study of the commonality of characteristics leading to the identification, placement, and service delivery models for children/youth with mild disabilities and strategies to address identified needs of this student population. Emphasis will be placed on the guiding principles, implementation, and evaluative criteria for the inclusion of systematic instruction, task analysis, and behavioral management of children/youth with mild learning and behavioral problems. Offered: On Demand.

Lecture hours: 3

**SPED 5512 - Characteristics of Children and Youth with Mild Learning, Intellectual, or Behavioral Disabilities (3 Credits)**

A study of the commonality of characteristics leading to the identification, placement, and service models for children with mild learning and behavior problems. Prerequisites: SPED 5501 or SPED 2265. Offered: On Demand.

Prerequisites: SPED 5501 or SPED 2265 or SPED 501

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**SPED 5516 - Nature & Charac of Gifted (3 Credits)**

GIFT 5516 has been designed as one semester introduction to and overview of the field of gifted education. Topics include: theoretical and historical contexts; characteristics of gifted learners; influences on gifted learners (family, community, culture, etc.); identification of gifted, talented and creative learners; instructional models and practices; legislation and policy guidelines; and current issues in the field. This course will have been designed as a "hybrid" course involving both face to face (f2f) and online instructional activities, including: lecture, small & large group discussion, student presentations, expert presentations, and various types of "observations" of gifted learners and learning environments. Offered: On Demand.

Other hours: 3

**SPED 5529 - Instr Methods in Gifted Edu (3 Credits)**

This Course explores concepts, strategies, methods, and techniques of teaching the gifted student. Opportunities are provided for development of strategies based on principles of gifted education. Special emphasis will be devoted to selection of strategies for the development of creativity. Offered: On Demand.

Other hours: 3

**SPED 5536 - Curriculum for Gifted Edu (3 Credits)**

The course explores how appropriate curricula for the gifted is a response to the cognitive and affective needs which may be unique to gifted learners as well as those they share with their peers. Participants will examine modifications in the content, process, product, affect, and learning environment of classroom and curricula as they relate to gifted learners. They will gain experience in developing concept-based, open-ended, flexibly paced curriculum that can be implemented in the classroom immediately. Offered: On Demand.

Other hours: 3

**SPED 5542 - Behavior Modification for Special Education Students (3 Credits)**

Application of behavior modification principles and behavior analysis in both general and special education classrooms. Offered: On Demand.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Lecture hours: 3

**SPED 5545 - Educational Assessment of Exceptional Children (3 Credits)**

Focuses on the use of evaluation to determine classification and eligibility, to plan individualized education programs (IEPs) and to evaluate teacher effectiveness and pupil progress. Offered: On Demand.

Other hours: 3



**SPED 5547 - Behavior Management of Exceptional Children (3 Credits)**

An eclectic approach to behavior management. Affective psychodynamic techniques, ecological and environmental arrangements and behavior modification principles and the primary theoretical systems that are explored. Offered: On Demand.

Other hours: 3

**SPED 5563 - Issues in Interrelated Special Education (3 Credits)**

Focuses on the current trends and issues affecting special educators. Objectives for the teacher competency tests in special education are addresses and studied. Offered: On Demand.

Restrictions:

Enrollment limited to students with a semester level of Graduate.

Other hours: 3

**SPED 5570 - Practicum in Interrelated Special Education (3 Credits)**

Field-based experiences provide an opportunity for extensive training and application of knowledge with exceptional children and youth in the areas of mild intellectual disabilities, behavior disorders and specific learning disabilities. Offered: On Demand.

Other hours: 3

**SPED 5590 - Teaching of Reading and Math to Exceptional Learners (3 Credits)**

A study of specialized reading and math techniques and strategies for use with students with learning disorders includes diagnosis, remediation, and determination of readability levels, error analysis and corrective strategies. Offered: On Demand.

Other hours: 3