

ENGLISH (9-12): 44 hours

Hours		Hours	
6	American Literature	6	Study of the English Language
12	Composition/Rhetoric	3	Young Adult Literature
9	English/World Literature	8	Electives

MATHEMATICS (9-12): 44 hours

Hours		Hours	
3	Algebraic Structures	3	History of Mathematics
15	Calculus/Analytic Geometry	3	Linear Algebra
3	Computer Information Systems	3	Probability/Statistics
3	Differential Equations	1	Seminar in Mathematics I
3	Discrete Mathematics	1	Seminar in Mathematics II
3	Geometry	3	Technology in Mathematics

MUSIC (K-12):***Vocal/Choral Concentration: 54½ hours***

Hours		Hours	
½	Music Orientation	2	History of Music I
4	Recital Attendance*	2	History of Music II
1	Percussion Methods & Literature	3	Music for Elementary Grades
2	Choral & Instrumental Literature	2	Choral Techniques
2	Basic Conducting	2	Choral Arranging
2	Advanced Choral Conducting	1	Senior Recital Preparation
3	Teaching Music in Secondary School**	2	Applied Piano & Proficiency
6	Applied Music in major	6	Choral Ensemble
16	Theory, Sightsinging, & Dictation	1	Beg or Adv Guitar Class

*Recital Attendance is required every semester—1/2 credit per semester.

**This course requirement is met through SED 324, a professional education requirement.

INSTRUMENTAL ENDORSEMENT

If desiring to add this endorsement, then in addition to the above 54½ hours required for Concentration in Vocal/Choral Music, students must take the following 13 hours:

Hours		Hours	
2	Advanced Instrumental Conducting	2	Instrumental Arranging
2	Applied Instrument	1	String Methods & Literature
2	Brass Methods & Literature	2	Woodwind Methods & Literature
2	Concert Band		

Instrumental Concentration: 57½ hours

Hours		Hours	
½	Music Orientation	2	Basic Conducting
4	Recital Attendance*	2	Choral & Instrumental Literature
1	Percussion Methods & Literature	2	Advanced Instrumental Conducting
2	Brass Methods & Literature	2	History of Music I
2	Woodwind Methods & Literature	2	History of Music II
1	Beg or Adv Guitar Class	3	Music for Elementary Grades
1	String Methods & Literature	2	Instrumental Arranging
3	Teaching Music in Secondary School**	1	Senior Recital Preparation
6	Applied Music in major	2	Applied Piano & Proficiency
6	Instrumental Ensemble	16	Theory, Sightsinging, & Dictation

*Recital Attendance is required every semester—1/2 credit per semester.

**This course requirement is met through SED 324, a professional education requirement.

VOCAL/CHORAL ENDORSEMENT

If desiring to add this endorsement, then in addition to the above 57½ hours required for Concentration in Instrumental Music, students must take the following 12-14 hours:

Hours		Hours	
2	Advanced Choral Conducting	2	Choral Arranging
4	Applied Voice	2	Choral Techniques
2	Choral Ensemble	2	Choral & Instrumental Literature*

*For traditional students, this course requirement (MUL 282) is met under the Major Course Requirements for Concentration in Instrumental Music. Students seeking recertification will need to take this endorsement course.

PHYSICAL EDUCATION (K-12): 46 hours

Hours		Hours	
2	Adapted Physical Education	6	Methods in Phys Ed & Health
2	Exercise Physiology	2	Motor Development & Learning
2	First Aid & CPR	2	Movement & Rhythms
4	Health-Related Fitness & Wellness	2	Psychological Aspects of Phys Ed
4	Human Anatomy & Physiology I	2	Sociological Aspects of Phys Ed
2	Intro to Health, Phys Ed, Athletics, & Recreation	1	Sports Injuries
3	Kinesiology	2	Tests & Measurements in Phys Ed
7	Lifetime Activities & Dance	3	Electives in Physical Education

SOCIAL STUDIES (9-12): 44 hours

Hours		Hours	
12	American History	3	Geography
6	Behavioral Science (<i>Anthropology, Criminology, Psychology, Sociology, etc.</i>)	6	Political Science
3	Economics	9	World History
		5	Electives in U.S. or non-U.S. History

UNIFIED SCIENCE (9-12): 62 hours (includes the 21-hour required biology endorsement)

Hours		Hours	
10	Chemistry	4	General Botany
8	Earth Science I & II	8	General Physics I & II
4	Fundamentals of Environmental Ecology	4	General Zoology
		3	History & Philosophy of Science

BIOLOGY ENDORSEMENT: 21 Hours

Hours		Hours	
3	Field Biology	4	Human Anatomy & Physiology I
3	General Ecology	4	Microbiology
4	General Genetics	3	Principles of Cell Biology

MIDDLE SCHOOL ENDORSEMENT: Secondary education students seeking the **middle school endorsement**, in addition to the chosen subject area concentration listed above, may do so by taking the following 10 additional hours: EDU 323 (Middle School Curriculum and Instruction), EDU 332 (Middle School Philosophy and Organization), EDU 423 (Trends and Issues in Middle School Literacy), PSY 243 (Adolescent Psychology).

Course Offerings

EDUCATION

- EDU 103 Introduction to Education** **3 hours**
Orientation to teaching and the teaching profession, various philosophies, problems, and trends in modern education; the teacher's relationship to the community and to professional organizations; ethics of the profession and the teacher's need for in-service growth in teaching skills; and legal and sociological foundations. This course also includes a brief overview of the historical and philosophical forces that influence modern education.
- EDU 201 Fundamentals of Teaching** **2 hours**
Introduces instructional planning, formal and informal assessment, knowledge and performance standards, grade-level frameworks and expectations, and utilization of technology in the classroom. Required prior to admission to the Teacher Education Program.
- EDU 202 Child Growth and Development** **3 hours**
Physical, emotional, social, and mental growth of early childhood, from birth to 12 years. Prerequisite: PSY 113 or consent of instructor. Offered fall semester.
- EDU 223 Educational Psychology** (same as PSY 223) **3 hours**
Scientific psychological principles that are foundational in education. Emphasis on the relevant phases of learning motivation, growth, and development of personality, personalized teaching strategies, and on the evaluation of achievement. Prerequisites: PSY 113 and sophomore standing, or consent of instructor.
- EDU 313 Psychology and Education of the Exceptional Child** (same as PSY 313) **3 hours**
A study of the physical, social, mental, and emotional characteristics of the exceptional child, from birth through high school. Includes an overview of assessment measures. Requires classroom observation hours. Prerequisites: PSY 113, 223, or consent of instructor.
- EDU 323 Middle School Curriculum and Instruction** **2 hours**
Overview of middle school curriculum and instructional strategies appropriate for the middle school student. Offered fall semester.
- EDU 332 Middle School Philosophy and Organization** **2 hours**
Focuses on the philosophical foundations that form the organizational structure of the middle school. Offered spring semester.
- EDU 333 Philosophy of Christian School Education** **3 hours**
Introduces students to the principles which form a solid foundation for a philosophy of Christian school education. Includes a brief overview of the history of the Christian school movement and introduces students to the characteristics of a quality Christian teacher. Prerequisite: Junior standing or consent of instructor. Offered upon sufficient demand.
- EDU 391-3 Advanced Topics** **1-3 hours**
For education majors only, this course may take the form of a traditional course, covering topics such as foundations of educational methods, middle school curriculum and instruction, or evaluation and measurement. The course may also be a research-based, individualized advanced study of current teaching methods and/or materials. Prerequisites: Admission to the Teacher Education Program and Field Experience; students must produce a documented, written proposal of the research/activity they plan to complete.
- EDU 403 Classroom Management** **3 hours**
Focuses on research-based guidance and discipline concepts for effectively managing student behaviors and solving discipline problems in early childhood and elementary settings. Offered spring semester.
- EDU 423 Trends and Issues in Middle School Literacy** **3 hours**
Designed to address aspects of literacy specific to the developing middle school reader and writer. Offered fall semester.

EDU 491-3 Advanced Topics**1-3 hours**

For course description, see EDU 391-3. Prerequisites: EDU 391-3 and completion of five hours of methods courses.

EARLY CHILDHOOD EDUCATION**ECE 100 Freshman Field Experience****1/2 hour**

Field experience (15 clock hours) in primary grades for students desiring ECE certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: EDU 103 or taken concurrently; approval of the education faculty.

ECE 201 Infant/Toddler Practicum**1 hour**

Practical experience (30 clock hours) in working with infants/toddlers under qualified supervision. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisite: Approval of the education faculty.

ECE 243 Organization and Administration of Early Childhood Programs**3 hours**

Study of the organization and management of a child-care facility, including licensing procedures, health, safety, and nutrition with emphasis on the roles and responsibilities of the director. Offered spring semester.

NOTE: Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

ECE 312 Language Acquisition and Development**2 hours**

Focuses on the various factors involved in children's acquisition and development of oral and written language. Prerequisite: EDU 202 or consent of instructor. Offered fall semester.

ECE 321 PreK/Kindergarten Practicum**1 hour**

Practical experience (30 clock hours) in working in prekindergarten/kindergarten under qualified supervision. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisite: Approval of the education faculty.

ECE 352 Curriculum Methods and Materials in ECE**3 hours**

Focuses on early childhood educational philosophies, and on the development and use of curriculum methods and materials for young children. Prerequisites: ECE 100, EDU 202, or consent of instructor. Offered fall semester.

ECE 362 Utilizing Family and Community Resources**3 hours**

Family and community resources available to those working with young children, birth through grade 3. Prerequisite: EDU 202 or consent of instructor. Offered spring semester.

ECE 382 Screening, Diagnosing, and Prescribing Instruction**2 hours**

Appropriate factors in screening, diagnosing, and prescribing instruction—with emphasis on authentic assessment—for children birth through grade 3, including children with special needs. Prerequisite: ECE 352 or consent of instructor. Offered fall semester.

ECE 400 Senior Field Experience**1/2 hour**

Field experience (15 clock hours) in primary grades for students desiring ECE certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisite: Approval of the education faculty.

ECE 479 Early Childhood Education Professional Semester**12 hours**

Student teaching under supervision for 14 weeks for students seeking ECE certification. Placement with two age levels (Infants–Toddlers, PreK–Kindergarten, Primary 1-3), seven weeks for each level. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Admission to the Teacher Education Program, approval of the education faculty, and senior standing.

ELEMENTARY EDUCATION**EED 100 Freshman Field Experience****1/2 hour**

Field experience (15 clock hours) in grades 1-6 for students desiring elementary certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisite: EDU 103 or taken concurrently.

EED 200 Sophomore Field Experience**1/2 hour**

Field experience (15 clock hours) in grades 1-6 for students desiring elementary certification. See TEP

Handbook for enrollment deadlines. Professional fee. Prerequisites: Freshman Field Experience (or take it concurrently with EED 200) and at least sophomore standing.

EED 253 Literature for Children **3 hours**
Study of the selection, evaluation, and use of literature with children. Offered spring semester.

NOTE: Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

EED 300 Junior Field Experience **1/2 hour**
Field experience (15 clock hours) in grades 1-6 for students desiring elementary certification. See TEP Handbook for enrollment deadlines. Prerequisites: Sophomore Field Experience and approval of the education faculty.

EED 301 Teaching Mathematics in Elementary School **3 hours**
A survey of materials and methods for teaching mathematics to early childhood and elementary school children. Includes classroom experiences with children. Prerequisites: EDU 223 and MTH 163.

EED 302 Teaching Science in Elementary School **3 hours**
Principles, methods, and materials needed to teach science to early childhood and elementary school children. Includes classroom experiences with children. Prerequisites: EDU 223 and PHS 103.

EED 311 Teaching Language Arts in Elementary School **3 hours**
Formulating teaching plans, methods of instruction, and evaluating student learning for early childhood and elementary school children in light of current language arts research. Includes classroom experiences with children. Prerequisite: EDU 223.

EED 312 Teaching Social Studies in Elementary School **3 hours**
A survey of materials and methods for teaching social studies to early childhood and elementary school children. Includes classroom experiences with children. Prerequisite: EDU 223.

EED 323 Teaching Art in Elementary School (same as ART 323) **3 hours**
Lecture and laboratory projects concerning the materials and methods for teaching art to early childhood and elementary school children. Emphasis on teaching art at a child's level of artistic growth.

EED 333 Teaching Reading in Elementary School **3 hours**
Methods and materials for reading instruction for emerging and developing readers with emphasis on the reading process, reading strategies, and assessing reading progress. Includes classroom experiences with children. Prerequisite: EDU 223.

EED 353 Teaching Health and Physical Education in Elementary School (same as PHE 353) **3 hours**
Addresses the causes, transmission, and early symptoms of the diseases most prevalent in the public schools; focuses on the selection, organization, and direction of appropriate physical activities for early childhood and elementary children. Prerequisite: EDU 223. Offered spring semester.

EED 354 Teaching Health and Physical Education in Middle Grades (same as PHE 354) **3 hours**
Addresses growth and developmental stage of the middle school learner. Discusses health issues of the middle school student. Focuses on the selection, organization, and direction of appropriate physical activities as related to the national standards. (*Required only of students seeking certification in Physical Education.*) Prerequisite: EDU 223. Offered fall semester.

EED 382 Music for Children **3 hours**
Principles, techniques, and materials for teaching music to early childhood, elementary, and middle school children. Includes classroom experiences with children. (*Not for music majors.*) Prerequisite: EDU 223.

EED 400 Senior Field Experience **1/2 hour**
Field experience (15 clock hours) in grades 1-6 for students desiring elementary certification. See TEP Handbook for enrollment deadlines. Prerequisites: Junior Field Experience, or taken concurrently, and approval of the education faculty.

EED 423 Reading Diagnosis and Correction **3 hours**
Principles and techniques for diagnosing and prescribing for instructional planning in the area of literacy at the early childhood and elementary levels. Includes classroom experiences with children. Prerequisite: EED 333.

EED 452 Reading in the Content Areas**2 hours**

Principles and methods to facilitate reading and writing in all third- through sixth-grade content areas. Examines current research along with practical approaches for the elementary classroom. Prepares preservice teachers to assist students in various subject matter areas in literacy. Includes classroom experiences with children. Prerequisite: EDU 223 and EED 333.

EED 453 Literacy Practicum**3 hours**

Provides in-depth experience with teaching and assessment of literacy (a minimum of 28 clock hours) in a primary or intermediate classroom setting supported by on-site faculty guidance and supervision. Professional fee. Prerequisite: EED 333.

EED 479 Elementary Education Professional Semester**12 hours**

Student teaching under supervision for 14 weeks in two levels (primary and intermediate grades) for seven weeks each for students seeking elementary education certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Admission to the Teacher Education Program, approval of the education faculty, and senior standing.

SECONDARY EDUCATION**SED 100 Freshman Field Experience****1/2 hour**

Field experience (15 clock hours) for students desiring secondary certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisite: EDU 103 or taken concurrently.

SED 200 Sophomore Field Experience**1/2 hour**

Field experience (15 clock hours) for students desiring secondary certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Freshman Field Experience and at least sophomore standing.

NOTE: Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

SED 300 Junior Field Experience**1/2 hour**

Field experience (15 clock hours) for students desiring secondary certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Sophomore Field Experience and approval of the education faculty.

SED 323 Teaching in the Secondary School**3 hours**

Techniques used for teaching in the secondary school with emphasis on classroom management and organization. Offered spring semester.

SED 324 Teaching Music in Secondary School (same as MUS 324)**3 hours**

A study of the techniques and materials used in teaching music in the middle school and secondary grades. *This course should be taken concurrently with one semester of Field Experience.* Offered spring semester.

SED 332 Reading and Writing in the Content Areas**2 hours**

Designed to enable the preservice teacher to facilitate reading and writing in content areas. Offered spring semester.

SED 333 Teaching English in Secondary School**3 hours**

Designed for preservice secondary English teachers, to acquaint them with instructional process, classroom management, interpersonal relationships, and professional responsibilities as applied to teaching English in secondary schools. Prerequisite: SED 323 or consent of instructor. Offered fall semester.

SED 343 Teaching Art in Secondary School (same as ART 343)**3 hours**

Focuses on materials and instructional methods used as well as managerial, interpersonal, and professional responsibilities in teaching art in the secondary grades. Includes lectures and laboratory projects. Prerequisite: SED 323 or consent of instructor. Offered fall semester upon sufficient demand.

SED 355 Teaching Physical Education in Secondary School (same as PHE 355)**3 hours**

Methods, materials, and principles of instruction in activities normally taught in secondary physical education. Prerequisite: SED 323 or consent of instructor. Offered spring semester.

SED 363 Teaching Business Education (non-vocational) in Secondary School **3 hours**

Designed for preservice secondary business education teachers, to acquaint them with the application of instructional, managerial, interpersonal, and professional responsibilities in teaching non-vocational business education in secondary schools. Prerequisite: SED 323 or consent of instructor. Offered fall semester.

SED 373 Teaching Mathematics in Secondary School **3 hours**

Designed for preservice secondary mathematics teachers, to acquaint them with the application of instructional, managerial, interpersonal, and professional responsibilities in teaching mathematics in secondary schools. Prerequisite: SED 323 or consent of instructor. Offered fall semester, odd years.

SED 384 Teaching Science in Secondary School (same as SCI 384) **3 hours**

Designed for preservice secondary science teachers, to acquaint them with laboratory and teaching methods, materials, resources, safety, inquiry, and evaluation techniques for teaching science. Prerequisite: SED 323. Offered fall semester.

SED 393 Teaching Social Studies in Secondary School **3 hours**

Designed for preservice secondary social studies teachers, to acquaint them with the application of instructional, managerial, interpersonal, and professional responsibilities in teaching social studies in secondary schools. Prerequisite: SED 323 or consent of instructor. Offered fall semester.

SED 400 Senior Field Experience **1/2 hour**

Field experience (15 clock hours) for students desiring secondary certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Junior Field Experience, or taken concurrently, and approval of the education faculty.

SED 479 Secondary Education Professional Semester **12 hours**

Student teaching under supervision for 14 weeks for students seeking secondary education certification. See TEP Handbook for enrollment deadlines. Professional fee. Prerequisites: Admission to the Teacher Education Program, approval of the education faculty, and senior standing.

MSE GRADUATE PROGRAM

MASTER OF SCIENCE IN EDUCATION

The Hannibal-LaGrange College Master of Science in Education (MSE) degree is designed to provide a program of professional growth for elementary and secondary teachers holding current teacher certification. In agreement with the mission of Hannibal-LaGrange College and its Division of Education, the MSE degree program has been designed to provide an excellent graduate education in a distinctively Christian environment for the purpose of preparing reflective practitioners for both personal and career effectiveness.

Program Goals

Integrating research from the National Board for Professional Teaching Standards, the goals for graduates include the ability to:

- utilize concepts, theories, and research, to enhance student learning
- effectively plan and implement classroom instruction and assessment
- expand the knowledge base of teaching and learning
- exemplify professionalism as lifelong learners

These goals will be met through ten program outcomes. Graduates will demonstrate accomplishment of program outcomes through required portfolio documents completed in each course. The completed portfolio will be evaluated as part of the program review and the graduate's exit interview.

Requirements for Admission

- 1) Complete the HLG Graduate Application form and include the nonrefundable \$25 Application Fee.
- 2) Prior to the end of their first semester of coursework, students seeking admission to the graduate program in education must submit the following:
 - Official transcripts, mailed directly from each regionally accredited college/university attended, showing completion of a baccalaureate degree in education with a minimum cumulative grade point average of 2.75 on a 4.0 scale.
 - Official transcripts, mailed directly from each regionally accredited college or university attended, showing any previous graduate coursework (no grade lower than B accepted).
 - Copy of current teaching certificate .

Following a review of all application materials, the Graduate Advisory Committee will send a written notification of program status to the applicant. Program status falls under three categories: Admitted; Conditionally Admitted (the applicant is given a list of specific conditions with deadlines that must be met in order to receive Admitted status); and Not Admitted.

NOTE: Admission to Hannibal-LaGrange College does not guarantee admission to the MSE Program (see *Admission to Majors and Professional Programs* in the **Admissions** section).

General Information

- The MSE program is available to those who hold early childhood, elementary, or secondary teacher certification.
- The program is designed for working adults. Courses meet one evening each week in either eight-week or full-semester terms during the school year; during the summer they meet in the daytime as block courses.
- A graduate student is considered full-time when enrolled in 9 hours per semester. The maximum load is 12 credit hours per semester.
- A maximum of 6 semester hours of graduate study will be accepted in transfer if they
 - have been completed within the past five years.
 - meet the core or program requirements.
 - are approved by the Graduate Advisory Committee.

NOTE: Hannibal-LaGrange College reserves the right to cancel any course for which there is not sufficient enrollment. The Graduate Advisory Committee will make that determination.

Program Options

The MSE program offers two tracks. Students are required to choose one of the following tracks:

- 1) The **Literacy Track** emphasizes the research-based components of effective literacy instruction and assessment (phonemic awareness, phonics, vocabulary, fluency, comprehension, and writing). It is intended for those who want to study the science of literacy.
- 2) The **Teaching and Learning Track** emphasizes elements of effective curricular/instructional planning and assessment to enhance student learning. It is intended for those who want to study principles of effective instruction.

Requirements for the Master of Science in Education (MSE): 30 hours

1. Complete the Core Course Requirements with a grade of B or better in each course.

Core Course Requirements: 12 hours

EDU 5001	Character Education	EDU 5003	Introduction to Research
EDU 5002	Cognition	EDU 5004	Classroom Action Research Project

2. Choose one track, below, and complete each requirement with a grade of B or better.

Literacy Track Requirements: 18 hours

EDU 5201	Phonemic Awareness & Phonics Concepts or	EDU 5204	Writing to Enhance Learning
EDU 5202	Content Area Reading	EDU 5205	Comprehension
EDU 5203	Vocabulary & Fluency Development	EDU 5206	Literacy Assessment & Prescriptive Teaching

NOTE: To complete the 18-hour track, take a 3-hour elective.

Teaching and Learning Track Requirements: 18 hours

EDU 5101	Instructional Strategies	EDU 5104	Diversity in the Classroom
EDU 5102	Differentiated Learning	EDU 5202	Content Area Reading
EDU 5103	Technology Applications		

NOTE: To complete the 18-hour track, take a 3-hour elective.

3. Complete the portfolio evaluation during the program review and exit interview.
4. Complete all requirements within five years of admission to the graduate program.

Course Offerings

EDU 5001 Character Education **3 hours**

Examines character formation by studying theories and principles of moral development. Ideas will be generated to help teachers promote character development in students, support character education in the classroom learning environment, and extend character practices into the community.

EDU 5002 Cognition **3 hours**

Provides an introduction to the mental process of knowing and to ways for structuring information-delivery so that learning is enhanced in the classroom. Explores current neurological research on pattern-recognition, memory, concept formation, knowledge, imagery, language, decision-making, problem-solving, and creativity.

EDU 5003 Introduction to Research **3 hours**

Facilitates the development of the educated person who can interpret and evaluate research literature. Studies qualitative and quantitative research methodologies. Students will develop a research proposal. To be taken within the first 12 hours of coursework.

EDU 5004 Classroom Action Research Project **3 hours**

Provides an opportunity for students to examine educational practices and to apply research principles for designing, conducting, and analyzing an approved action research project. Their findings will be presented in a public forum. To be taken at the conclusion of the graduate program.

EDU 5101 Instructional Strategies **3 hours**

Emphasizes principles of research-based effective teaching for planning and organizing instruction and for assessing student learning. Focuses on strategies that will encourage problem-solving, active participation, and real-world applications of learning.

- EDU 5102 Differentiated Learning** 3 hours
Examines the challenges that educators face in creating inclusive classrooms for all students. Studies theory and practice to help educators design effective strategies for working with gifted students and for supporting IEP goals for students with disabilities. Identifies assessment instruments, both group and individual, along with a variety of methods for measuring student growth and understanding.
- EDU 5103 Technology Applications** 3 hours
Enables teachers to become familiar with and to fully utilize media and technology in order to enhance learning and assessment in the classroom.
- EDU 5104 Diversity in the Classroom** 3 hours
Examines human diversity in today's schools. Explores social, cultural, ethnic, socioeconomic, religious, age, gender, and linguistic diversity in order to gain a better understanding, to identify risks related to learning, and to plan provisions for student success.
- EDU 5201 Phonemic Awareness and Phonics Concepts** 3 hours
Provides foundational knowledge related to linguistic principles as a basic component of literacy instruction and assessment. Emphasizes teaching and assessing manipulation of phonemes in spoken syllables and words through phonemic awareness and systematic and explicit phonics instruction and assessment.
- EDU 5202 Content Area Reading** 3 hours
Links reading skills across the curriculum through the use of instructional strategies and assessments. Explores the use of textbooks, trade books, and electronic texts with a focus on integrating a variety of strategies to enhance student understanding in content areas.
- EDU 5203 Vocabulary and Fluency Development** 3 hours
Examines direct and indirect vocabulary instruction and the use of guided repeated oral reading strategies as effective means to develop reading fluency and overall reading achievement. Gives attention to using appropriate instruments for assessing fluency.
- EDU 5204 Writing to Enhance Learning** 3 hours
Examines ways to design an effective writing environment and to integrate writing in the classroom, to increase and assess literacy skills, and to develop critical thinking, deeper understanding, and more effective written communication.
- EDU 5205 Comprehension** 3 hours
Examines comprehension monitoring, cooperative learning, graphic and semantic organizers, including story maps, question answering, question generation, and summarization, as well as discernment of when and how to teach them. Emphasizes methods for measuring student growth and understanding.
- EDU 5206 Literacy Assessment and Prescriptive Teaching** 3 hours
Studies the causes of reading and writing disabilities, diagnostic procedures, and methods for correction. Provides graduate students with instruction and experience in diagnosing reading and writing performance and in prescribing and implementing teaching strategies that will remediate weaknesses and encourage an appreciation for reading and writing as means of personal growth, enjoyment, and lifelong learning in a diverse and constantly changing world. Requires graduate students to assess and provide a minimum of 15 sessions (at least 30 minutes per session) of literacy tutoring to an elementary-age student.
- EDU 5301 Science Inquiry for the K-8 Teacher** 3 hours
Studies the principles and methods related to the enhancement of teaching science, deepening the conceptual understanding of selected GLE science topics in biology, chemistry, physics, and earth science. Students will experience the effect of learning environments and experimental inquiry in stimulating new approaches to learning science. Lab fee.
- EDU 5302 Problem-Based Learning** 3 hours
Assists professional educators to use problem-solving as the central focus of the mathematics curriculum. Designs strategies to help early childhood and elementary students to develop problem-solving abilities. Gives special attention to the building of mathematical skills, thinking processes, and assessment.
- EDU 5303 Topical Studies in Education** 1 hour
While focusing on a curricular topic, structured literature study groups will examine current research for best practices and their implementation in today's classrooms. May be repeated for a maximum of 3 credit hours.