

MASTER OF EDUCATION AND MASTER OF SCIENCE IN EDUCATION

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The University has an interest in meeting the professional growth and advancement needs of certified teachers and professionals in the service region. The Master of Education includes majors in Instructional Improvement; Educational Leadership; Elementary Education; School Counseling and Leadership; Teaching, Learning and Leadership. In Secondary Education, with secondary education specializations in English, Instructional Technology, Mathematics, Physical Education, and Social Studies. The Master of Science in Education specializes exclusively in Gifted Education.

Unconditional Admission

Students are eligible to apply for unconditional admission to the Master of Education degree program if they meet the admission requirements for Graduate School, and meet the degree requirements listed for each program.

Conditional Admission

Applicants who fail to meet all of the departmental requirements may be accepted conditionally provided the deficiencies are completed prior to the completion of twelve semester hours of graduate work.

Applicants who fail to meet the grade point requirement specified for unconditional admission may be admitted conditionally to enroll for a maximum of twelve semester hours. If a student was admitted conditionally based on grade point average, the condition will be met if upon completion of twelve semester hours a cumulative grade point average of 3.00 or better is achieved.

Academic Advisors

The academic advising process for degree students begins at the time that the student is admitted to Graduate School. When the student is admitted, the student's program director invites him/her to come in for an advising and orientation session at the student's earliest convenience. When the student meets with the program director, he/she is given an orientation, a master's degree program check-off list (outlines all major steps in completing the degree), and a degree plan outline (list of courses to be completed). This initial advising session ensures that the student is informed of all degree requirements, policies, and procedures; is familiar with the department and the program director; and is assigned to an advisor (usually the program director). Subsequently, the academic advisor and the Graduate School monitor the student's progress as they progress through the program. It remains, however, the student's responsibility to understand and satisfy all degree requirements. The graduate academic advisor is responsible for:

1. Helping the student plan a balanced program of graduate work adapted to the student's particular interests, needs, and abilities.
2. Advising and assisting the student during the completion of the requirements for the degree.
3. Assisting the student in preparing a thesis or project in educational research.
4. Ensuring that the student is aware of assistance and services provided for graduate students by the various university offices.

Admission to Candidacy

Students who have been granted conditional admission are eligible for admission to candidacy for the degree upon the completion of twelve hours with a 3.00 grade point average or better and completion of all deficiencies. Students who have been granted unconditional admission are eligible for admission to candidacy upon completion of twelve hours with a 3.00 grade point average or better. Students who do

not submit an “Application for Admission to Candidacy” prior to the end of the semester in which the student becomes eligible will not be allowed to register for subsequent graduate classes.

1. Thirty-six semester hours must be completed, 18 of which must be at the 6000 level.
2. The Graduate Record Examination (GRE) or Miller’s Analogy Test (MAT) must be completed and official scores on file in the Graduate School.
3. A core requirement in professional education (at least 18 semester hours) must be completed.
4. An approved thesis, portfolio, or project in educational research must be successfully completed.
5. A cumulative grade point average of a 3.00 or better must be achieved in all graduate work attempted at Arkansas Tech University, with a maximum of 6 hours of “C” grades. A student receiving more than 6 hours of “C” grades or grades lower than “C” should refer to the section of the catalog on “Academic Probation and Suspension.”
6. Twenty-seven hours of graduate work must be taken while in residence at Arkansas Tech University. Full-time residence is not required.
7. The master’s degree program must be completed within six years from the time of admission to the graduate program.

A maximum of **nine** semester hours of graduate credit with a grade point average of “B” or better may be transferred from an accredited graduate school if deemed appropriate to the graduate program by the head of the student’s major department and the Dean of Graduate School. Students must send a written request to the head of their major department to petition an acceptance of the transfer credit prior to requesting admission to candidacy to the graduate program. Graduate credit earned six years prior to the completion date of all degree requirements may not be applied toward the degree without the approval of the appropriate program director and the Dean of Graduate School. Credits earned by correspondence courses or for remedial purposes will not apply toward the graduate degree. No undergraduate course may be repeated for graduate credit.

If after admission to graduate study, a student wishes to take a course at another institution to count toward degree requirements at Arkansas Tech University, the student must (in advance of enrollment) obtain written approval from the program director and the Dean of Graduate School.

All candidates for a M.ED. or M.S.E. degree must complete either a project in educational research related to their major/specialization or a portfolio. Under unusual circumstances, a written comprehensive exam may be used to replace the action research project. Any request for this substitution should be made to the program director.

General Requirements

Special Conditions of Graduate Credit Graduate Credit Taken Prior to Admission to Arkansas Tech University

Graduate Credit Taken After Admission to Arkansas Tech University

Project in Educational Research

MASTER OF EDUCATION

ELEMENTARY EDUCATION

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The Master of Education in Elementary Education is designed to provide post baccalaureate preparation for public school teachers who wish to broaden their knowledge of teaching and learning as well as subject matter content.

Unconditional Admission

Students are eligible to apply for unconditional admission to the Master of Education degree program in Elementary Education if they meet the admission requirements for Graduate School and departmental requirements.

Degree Requirements

Candidates for the Master of Education degree with a major in elementary education must complete the following 36-semester-hour degree program.

Elementary Education Core Requirements (15 hours)

EDFD 6003 Educational Research
EDFD 6043 Current Issues in Human Learning
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6313 Principles of Curriculum Development
EDFD 6993 Project in Educational Research

Elementary Education Option (21 hours)

EDFD 6203 Supervision of Instruction **OR**
EDFD 6503 Classroom and Behavioral Management
EDFD 6403 Social and Historical Factors in Education
ELED 6523 Survey of Research in Elementary Education
Electives: Additional elementary education electives to meet the 36-hour degree requirement.

MASTER OF EDUCATION

SECONDARY EDUCATION

Students are eligible to apply for unconditional admission to the Master of Education degree program in Secondary Education if they meet the admission requirements for Graduate School and departmental requirements.

Professional Education Core Requirements (18 hours)

The professional knowledge core is designed to provide the teacher with graduate work in five areas of professional knowledge: research and statistics, curriculum and instructional design, human relations and management, individual differences, and foundations/instructional issues/global studies.

The student must take one course from each area with the exception of the instructional issues and foundations area, from which two courses are required. The secondary education major electing to write a thesis will complete SEED 6993 as one of the two courses required for instructional issues and foundations.

EDFD 6003 Educational Research
EDFD 6993 Project in Educational Research
EDFD 6313 Principles of Curriculum Development
EDFD 6203 Supervision of Instruction **OR**
EDFD 6503 Classroom and Behavioral Management
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6043 Current Issues in Human Learning **OR**
EDFD 6403 Social and Historical Factors in Education

The purpose of the master's program in English is to advance student understanding of English teaching, content, and research.

Degree Requirements

Candidates for the Master of Education degree with a specialization in English must complete 18 semester hours in English and 18 semester hours in education.

English Core Requirements (18 hours)

ENGL 6013 Structure of the English Language
ENGL 6023 Composition Theory and Practice
English Electives 9 - 12 semester hours
ENGL 6993 Thesis Research¹ (For students choosing the thesis option)

Professional Education Core Requirements (18 hours)

EDFD 6003 Educational Research
EDFD 6993 Project in Educational Research²
EDFD 6313 Principles of Curriculum Development
EDFD 6203 Supervision of Instruction **OR**
EDFD 6503 Classroom and Behavioral Management
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6043 Current Issues in Human Learning **OR**
EDFD 6403 Social and Historical Factors in Education
SEED 6993¹ Thesis Research (for students choosing the thesis option)

¹ Thesis option only

² For non-thesis option only. If thesis option is selected, EDFD 6993 would not be required.

Unconditional Admission

Secondary Education English

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Secondary Education Mathematics

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The purpose of the master's program in Mathematics is to promote professional and scholarly growth in student's understanding of mathematics learning and pedagogy from theoretical, research, and practical orientations.

Degree Requirements

Candidates for the Master of Education degree with a specialization in mathematics must complete 36 hours according to the following curriculum.

Mathematics Core Requirements

MATH 6123 Modern Geometry
MATH 6143 Number Theory
MATH 6183 Introduction to Real Analysis
MATH 6993¹ (for students choosing the thesis option)

Professional Education Core Requirements

EDFD 6003 Educational Research
EDFD 6313 Principles of Curriculum Development
and one of the following:
EDFD 6043 Current Issues in Human Learning
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6203 Supervision of Instruction
EDFD 6503 Classroom and Behavioral Management
SEED 6993 Thesis Research¹ (for students choosing the thesis option)

Pedagogy Requirements

MATH 6213 Methods in Teaching Middle School Mathematics **OR**
MATH 6323 Methods in Teaching Secondary Mathematics

Additional Requirements

The remaining 15 semester hours (9 semester hours if the thesis option is followed) are to be chosen, with the advice and approval of the student's mathematics department advisor from 5000-6000 level courses with prefixes of EDFD, EDMD, MATH², or INFT.

¹Thesis option only.

²If the candidate has not completed a course in the history of mathematics, MATH 5113 must be selected.

Secondary Education Physical Education

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The mission of the Master's of Education in Physical Education is to provide post-baccalaureate preparation for public school teachers who wish to broaden their knowledge of the field of physical education and the teaching and learning process.

Degree Requirements

Candidates for the Master of Education degree with a specialization in physical education must complete 18 semester hours in physical education and 18 semester hours in education. Each student must complete the 9 semester hours that comprise the core requirements and complete additional physical education electives to meet the 18 semester hour requirement in physical education.

Physical Education Core Requirements

PE 6013 Principles of Physical Education
PE 6023 Curriculum Development in Physical Education
PE 6083 Research Design and Statistics in Physical Education

Electives:

Scientific Foundations (area of interest)

PE 6033 Exercise Physiology
PE 6053 Biomechanics
PE 6073 Exercise and Sport Behavior

Developmental Learning (area of interest)

PE 6043 Psychology of Motor Learning

Wellness Science (area of interest)

WS 6013 Wellness Concepts and Applications
WS 6023 Wellness and Fitness Program Management

Professional Education Core Requirements

EDFD 6003 Educational Research
EDFD 6993 Project in Educational Research
EDFD 6313 Principles of Curriculum Development
EDFD 6203 Supervision of Instruction **OR**
EDFD 6503 Classroom and Behavioral Management
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6043 Current Issues in Human Learning **OR**
EDFD 6403 Social and Historical Factors in Education

The Master of Education in Social Studies is designed to give students, especially teachers and future teachers, a greater subject matter knowledge in history, political science, and geography; sharpened critical thinking skills about man's society; and a heightened social studies research skills.

Degree Requirements*

Candidates for the Master of Education degree with a specialization in social studies must complete 18 semester hours in social studies and 18 semester hours in education.

Social Studies Core Requirements

GEOG 6003 Political Geography
Social Studies Electives 9-15 semester hours

Professional Education Core Requirements

EDFD 6003 Educational Research
EDFD 6993 Project in Educational Research
EDFD 6313 Principles of Curriculum Development
EDFD 6203 Supervision of Instruction **OR**
EDFD 6503 Classroom and Behavioral Management
EDFD 6053 The At-Risk Child in the School Environment

Secondary Education Social Studies

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EDFD 6043 Current Issues in Human Learning **OR**
EDFD 6403 Social and Historical Factors in Education

*In addition to having a bachelor's degree, a candidate for the Master of Education degree must meet the following undergraduate prerequisites to take graduate courses in each of the following disciplines:

- American History courses - 9 semester hours in undergraduate American history
- European History courses - 9 semester hours in undergraduate European history (including Western or World Civilization)
- Economics courses - 6 semester hours in undergraduate economics
- Geography courses - 6 semester hours in undergraduate geography
- Political Science courses - 6 semester hours in undergraduate political science
- Psychology courses - 6 semester hours in undergraduate psychology
- Sociology courses - 6 semester hours in undergraduate sociology

Secondary Education Instructional Technology

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The Master of Education degree with a specialization in Instructional Technology is designed for candidates working toward a degree in the general field of instructional technology or for candidates with valid Arkansas teacher certification seeking Arkansas certification as School Library Media Specialists (Ten-Year Certificate). Entrance into the instructional technology program does not require teacher certification.

Degree Requirements

Candidates for the Master of Education degree with a specialization in instructional technology must complete 36 hours of graduate-level course work that includes 24 semester hours in approved educational media, library media, or computer science courses, and a minimum of 6 hours of professional education core requirements. Candidates electing to write a thesis are required to take EDMD 6993 and SEED 6993. Candidates may select a concentration for library media licensure (requires Arkansas teacher licensure), a concentration in instructional design and technology, or a general program in instructional technology. To be certified as a Library Media Specialist, after completing the master's degree, one must attain the minimum score as established by the Arkansas Department of Education on the Media Specialist-Library specialty area section of the Praxis Programs.

Degree requirements for the Library Media specialty option

- EDFD 6003 Educational Research
- EDFD 6993 Project in Educational Research
- EDMD 5033 Introduction to Instructional Technology
- EDMD 6133 Production of Instructional Materials
- EDMD 6233 Administration of Media Programs
- EDMD 6313 Instructional Design and Product Development
- EDMD 6433-6 Practicum in Educational Media
- EDMD 6883 Workshop: Preservation of Instructional Materials **OR**
EDMD 6163 Internet Resources
- LBMD 6003 Selection of Instructional Materials
- LBMD 6013 Reference Materials in the School Library Media Center
- LBMD 6023 Classification and Cataloging
- LBMD 6403 Literature for Children and Adolescents

Degree requirements for Instructional Design and Technology option

- EDFD 6003 Educational Research
- EDFD 6993 Project in Educational Research
- EDMD 5033 Introduction to Instructional Technology
- EDMD 6113 Microcomputers for Education and Training
- EDMD 6133 Production of Instructional Materials
- EDMD 6163 Internet Resources
- EDMD 6303 Survey of Instructional Media

EDMD 6313 Instructional Design and Product Development

EDMD 6513 Computer-Based Instruction

Electives: Additional instructional technology electives to meet the 36-hour degree requirement.

MASTER OF EDUCATION

SCHOOL COUNSELING AND LEADERSHIP

Dr. Kandis Croom,
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The Master of Education in School Counseling and Leadership is designed to prepare candidates for licensure as school counselors. The program consists of 17 hours of leadership core courses and 28 hours of school counseling specialty courses. Practical activities representative of situations school personnel face on a daily basis have been integrated into the coursework. The program will provide opportunities for outstanding teachers to earn Arkansas school counselor licensure. Students will be entered into the program as cohorts.

Unconditional Admission

Students are eligible to apply for unconditional admission to the Master of Education degree program in School Counseling and Leadership if they meet the following requirements:

1. Applicants must meet the admission requirements for Graduate School.
2. Two years of teaching experience.

Degree Requirements

1. A minimum of 45 semester hours must be completed; all courses must be at the 6000 level, including the following courses:

Level One Coursework - Core Courses (17 hours)

COUN 6003 School Organization and Leadership for the Counselor
COUN 6011 Instructional Leadership/Counseling
COUN 6012 Assessment and Appraisal
COUN 6113 Action Research and Data Analysis for High Performing School
COUN 6133 Principles of Curriculum Development
COUN 6143 Organizational Change/Role of School Counseling
COUN 6152 Professional Portfolio

Level Two Coursework - School Counseling and Leadership (21 hours)

COUN 6213 Developmental Counseling: Theory and Application
COUN 6202 Ethical and Legal Issues
COUN 6224 Counseling Skill Development (I)
COUN 6233 School Counseling Programs
COUN 6243 Group Counseling Strategies in the Schools
COUN 6253 Assessment and Career/Academic Advising
COUN 6263 Teaming, Collaboration, and Advocacy

Level Three Courses - Supervised Field Experiences (7 hours)

COUN 6303 Counseling Skill Development II
COUN 6302/4 Internship

2. A portfolio must be successfully completed and approved by a portfolio review committee.

MASTER OF EDUCATION

EDUCATIONAL LEADERSHIP

The Master of Education in Educational Leadership is designed to prepare candidates for licensure as a principal or assistant principal at the building level. The program of study is reflective of the Arkansas Standards for School Leaders and the Interstate School Leaders Licensure Consortium (ISLLC) standards. Students will be entered into the program as cohorts.

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Students are eligible to apply for unconditional admission to the Master of Education degree program in Educational Leadership if they meet the following requirements:

1. Applicants must meet the admission requirements for Graduate School.
2. Two years of teaching experience.

Unconditional Admission

Degree Requirements

1. A minimum of thirty-eight semester hours (all at the 6000 level) must be completed, including completion of the following courses:
 - EDLD 6002 Administrative Law
 - EDLD 6013 School Organization and Leadership
 - EDLD 6023 Organizational Change
 - EDLD 6102 School Finance
 - EDLD 6113 Action Research and Data Analysis
 - EDLD 6153 Communication with School and Community
 - EDLD 6203 Education and Society: Continuities and Discontinuities
 - EDLD 6253 Instructional Leadership
 - EDLD 6303 Technology as an Administrative Tool
 - EDLD 6313 Principles of Curriculum for School Leadership
 - EDLD 6352 Physical Environment of Schools
 - EDLD 6402 Working with the Marginal Performer
 - EDLD 6552/4 Administrative Internship
 - EDLD 6992 Professional Portfolio
2. A portfolio must be successfully completed and approved by a portfolio review committee.
3. Course work from other institutions of higher education will only be transferred from institutions that have received program approval for a program of study reflective of the Arkansas Standards of Licensure for Building Level Principals.

MASTER OF EDUCATION

INSTRUCTIONAL IMPROVEMENT

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The Instructional Improvement degree is designed around the three areas teachers have identified as constituting the biggest instructional problems. Those problems are: inclusion, students with limited English proficiency, and reading. The program requires a core of courses with a minimum of 6 hours in each of the problem areas. This is a 36 semester hour program.

Students may elect a concentration in TESOL by completing ENGL 5023, 5703, 5713, and 5723.

Unconditional Admission

Students are eligible to apply for unconditional admission to the Master of Education degree program in Instructional Improvement if they meet the admission requirements for Graduate School and the departmental requirements.

Degree Requirements

Candidates for the Instructional Improvement degree must complete a core of 15 hours with a minimum of two courses in each of the areas of reading, inclusion and limited English proficiency.

Professional Education Core (15 hours)

EDFD 6003 Educational Research
EDFD 6993 Project for Educational Research
EDFD 6063 Educational Assessment
EDFD 6053 The At-Risk Child in the School Environment
EDFD 6313 Principles of Curriculum Development

Reading (6 hours)

ELED 5333 Teaching Reading and Study Strategies In the Content Area
ELED 6323 Survey of Teaching Reading **OR**
ELED 6343 Literacy Assessment and Intervention

Inclusion (6 hours)

ELED 6803 Teaching the Exceptional Child
ELED 6823 Introduction to Learning Disabilities

Limited English Proficiency(6 hours)

ENGL 5023 Second Language Acquisition
ENGL 5703 Teaching English as a Second Language

Electives: 3 hours

MASTER OF EDUCATION

TEACHING, LEARNING, AND LEADERSHIP

The Master of Education in Teaching, Learning and Leadership will facilitate teachers in engaging, ongoing dialogue and study based on the integration of research, theory, and best practices. In addition to promoting the professionalization of teaching and improved professional practice, the completion of this degree will prepare teachers to be teacher leaders who have the knowledge, skills and dispositions to be mentors for new teacher inductees and colleagues, as well as marginal teachers. The degree will also fulfill the program of study requirements for Arkansas Curriculum/Program Administrator Licensure.

Dr. Rebecca Shopfner,
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Students are eligible to apply for unconditional admission to the Master of Education degree program in Teaching, Learning, and Leadership if they meet the following requirements:

1. Applicants must meet the admission requirements for Graduate School.
2. Two years of teaching experience.

Degree Requirements

1. A minimum of 38 semester hours (all at the 6000 level) must be completed, including the completion of the following courses:

Common Core Courses (17 hours)

MTLL 6003 School Organization and Leadership for Teacher Leaders
MTLL 6113 Action Research and Data Analysis for School and Classroom Use
MTLL 6123 Instructional Leadership for the Master Teacher
MTLL 6133 Basic Elements of Curriculum
MTLL 6143 Organizational Change and the Role of the Master Teacher
MTLL 6152 Professional Portfolio for the Master Teacher

Additional Coursework (21 hours)

MTLL 6202 Professionalization of Teaching for the Master Teacher
MTLL 6223 Teaching and Learning for the Master Teacher
MTLL 6242 Cognitive Coaching and Mentoring for the Master Teacher
MTLL 6253 Advanced Curriculum Design Practicum for the Master Teacher
MTLL 6262 Action Research Practicum for the Master Teacher
MTLL 6271 Resource Acquisition for the Master Teacher
EDLD 6002 Administrative Law
EDLD 6402 Working with the Marginal Performer
EDLD 6552/4 Administrative Internship

2. A culminating portfolio must be successfully completed and approved by a portfolio review committee.

Unconditional Admission

MASTER OF SCIENCE IN EDUCATION

GIFTED EDUCATION

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The Master of Science in Education in Gifted Education provides a well conceived and systematic, yet flexible plan for opportunities to gain expertise in the development and education of the gifted and in related areas in education. The program will prepare graduates for the roles of gifted education teacher, consultant, teacher trainer, program developer, coordinator, and evaluator. Imbedded in the degree are courses necessary for additional licensure in gifted education in the state of Arkansas.

Unconditional Admission

Students are eligible to apply for unconditional admission to the Master of Science in Education degree program in Gifted Education if they meet the admission requirements for Graduate School and the departmental requirements.

Degree Requirements

Candidates for the Master of Science in Education degree in gifted education must complete a minimum 36-semester-hour degree program consisting of 9 semester hours of gifted education core requirements, 9 semester hours of professional education core requirements that include a minimum of 3 hours of action research, 9 semester hours in professional practicum and 9 semester hours in a subject matter area.

Gifted Education Core Requirements (9 hours)

GTED 6843 Curriculum Development for Instruction of the Gifted/Talented
GTED 6853 Methods and Materials in Gifted Education
GTED 6903 Guidance and Counseling for the Gifted/Talented

Professional Education Core Requirements (9 hours)

GTED 6993 Action Research
GTED 6833 Current Issues and Trends in Gifted Education
EDFD 6003 Educational Research

Professional Practicum (9 hours)

GTED 5003 Understanding the Gifted in Home, School, and Community
GTED 6863 Practicum in Gifted Education
GTED 6873 Developing Creative Talent

Subject Matter Requirements (9 hours)

Nine (9) semester hours at the 5000-6000 level to be selected from graduate courses in subject matter areas pertaining to the student's professional development goals.