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Master of Science in Education (M.S.Ed) in Educational Leadership

Description and Goals
The M.S.Ed. in Educational Leadership prepares professional educators for leadership roles in educational settings. The program contributes to the intellectual and professional growth of practicing educators through a challenging and supportive course of study that respects and builds upon their experiences in the field. The cohesive student-centered program models excellence in education through rigorous coursework and faculty mentoring of research and practice. The 33-credit program, including a 15-credit concentration, helps competent teachers become effective educational leaders.

The program is offered in a cohort format. Students are typically admitted to a cohort each May. Participants are expected to progress through the degree program with their cohort. Completion of the degree takes two to three years.

The program culminates with the execution of an action research project or Internship in School Leadership. The project focus is on classroom practice or school improvement and includes planning, intervention strategies, data collection and analysis, and the production of a professional report supported by a presentation to faculty and peers. The project takes place during the final two courses.

The program delivery will entail face-to-face instruction in a compressed format, blended courses (partially online and partially face-to-face), and 100% online courses. Approximately 30% of the program will be delivered through face-to-face instruction and 70% will be delivered using distance technology tools.

Field-based Research
All students will participate in field-based projects to develop the skills of independent research. UMF faculty, staff, and students who intend to conduct projects involving human participants must seek approval (or an exemption) from the Institutional Review Board (IRB). The IRB is the administrative and decision-making body having responsibility for review and approval of research involving human subjects. Before any research involving human subjects can be initiated, it must be submitted to the IRB for review and approval. Guidelines for preparing and submitting a proposal to the IRB are located at: https://mycampus.maine.edu/group/umf/institutional-review-board

Campus Technology Tools
Students are required to use the following campus technology tools:

- MyCampus, the UMF web portal, from which you will be able to log into the sites listed below, as well as Mantor Library, Tk20 (the university assessment database) and UMS Academy (online training resources).
- MaineStreet, the software where demographic information is stored, registration occurs and grades can be seen.
- Brightspace, the learning management system used for hybrid and online courses.
- University email.

Required Courses

- EDU 551 Changing Educational Organizations in a Diverse World (3 credits)
- EDU 582 Research Methods in Education (3 credits)
● EDU 583 Curriculum, Instruction, and Assessment I: Development and Planning for Digital Age Learners (3 credits)
● EDU 584 Curriculum, Instruction, and Assessment II: Data Informed Decision Making for Digital Age Teaching and Learning (3 credits)
● EDU 585 Cultivating Ethical Leadership (3 credits)
● EDU 586 Applied Educational Research I (3 credits) or
● EDU 554 Internship in School Leadership – (6 credits - August -May)*

*Students with a concentration in Administration may choose to enroll in EDU 554 Internship in School Leadership or EDU 586 Field-based Research I and an elective concentration course.

Concentration Courses
Each student completes a 15-credit concentration appropriate for his/her interests. Concentrations may be in the following areas:

- Administration
- Educational Technology (in partnership with UMaine and University of Southern Maine)
- English Language Learning
- Gifted and Talented Education
- Math Coaching K-8
- Math Intervention Specialist
- Mathematics Leadership
- Special Education Administration
- Special Education K-6
- Special Education 6-12
- Systems of Student Support

A student may design an Individualized Concentration to focus in-depth on a single topic of interest, or to potentially combine disciplines in a professionally meaningful way. The concentration should therefore represent depth of knowledge, and new ideas. A student will propose a title, description of focus, and list of four concentration courses. The coursework must be taught by at least two different instructors. The Associate Dean of Graduate and Continuing Education approves Individualized Concentrations.

Minimum Total Credits for the Degree: 33 Credits

Admission Requirements
A student may apply to begin the three-year program cycle with concentration courses during their first year of professional educational experience.

To apply for the Master of Science in Education in Educational Leadership, an applicant must:

- have a baccalaureate degree from a regionally accredited college or university. (A foreign degree must be validated by the World Educational Services, Center for Educational Documentation, Inc., or other appropriate agency. The decision to accept the degree is made on a case-by-case basis by the Associate Dean);
- be employed or seeking employment as a classroom teacher or other education professional.

Notes
- A student may petition to begin a two-year program during their first year of professional educational experience by submitting a supplemental essay (not to exceed 500 words). The essay should articulate his/her preparation for graduate study, organizational skills, and other relevant experiences.
Maine Department of Education Certification Requirements may be different from degree requirements. All applicants should consult the Certification Office for specifics. The Maine DOE makes all decisions for the credentialing of teachers and administrators in Maine.

Application

Required supplemental materials include:
- Application essay;
- Two recommendations using the M.S.Ed. in Educational Leadership recommendation form;
- Official transcript(s) of undergraduate degree(s) (including UMF) and all graduate work;
- Copy of certification or license and CHRC, when appropriate; and
- A nonrefundable $60 application fee.

Submission of Application
Applications and essays should be emailed as attachments to gradstudies@maine.edu, or sent to the address below. Supplemental materials should be mailed to:

Division of Graduate and Continuing Education
University of Maine at Farmington
111 South Street
Farmington, ME 04938

Admission Decisions
Only completed applications will be reviewed. Admission decisions are made by the Graduate Admissions Committee on a rolling basis until the enrollment cap is reached. Applications received after that point will be considered for the next available cohort. Application decisions are final.

Immunization Law
Maine state law requires all individuals born after December 31, 1956, who plan to enroll in a degree program or plan to take 12 or more credits, to show proof of immunity against measles, mumps, rubella, diphtheria, and tetanus before registering for classes. Immunization records must be on file with UMF Student Health Services before students will be allowed to register for class.
Transfer of Credit to the Program
A student, with the approval of the Admissions Committee, may transfer up to 9 graduate credits from another institution into his/her academic program; only 3 of these credits may be in the core of the program. Aside from EDU 582 and EDU 551, transfer of credit into the core is not accepted. These credits must have been earned from a regionally accredited institution, within 5 years prior to admission, and with a minimum grade of B (or equivalent). Graduate credits applied toward an undergraduate degree cannot be used toward the master’s degree. Students are required to provide syllabi for transfer credits to determine appropriateness for UMF’s program.

Student Policies

Student Advisement
Each M.S.Ed. in Educational Leadership student will be assigned an academic advisor. The advisor will review student transcripts and registration status to monitor student progress. A student is expected to maintain regular communication with his/her academic advisor.

Degree Completion
Members of a cohort normally will complete the degree in two to three years, including summers. Students must complete the degree within five years from initial date of enrollment, unless approved by the Associate Dean of Graduate and Continuing Education because of special circumstances.

Leave of Absence
A student may request a leave of absence, and permission to join a subsequent cohort. These requests must be made in writing using the Withdrawal/Leave of Absence form and signed by the student. The Associate Dean of Graduate and Continuing Education reviews requests.

Progress
A student is expected to make consistent progress towards the degree and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two terms or receive an approved leave of absence, a space in the program will not be maintained, and the student must reapply.

Deferral Policy
After admission to an M.S.Ed. program, a student must begin coursework within three terms, or the student will be considered inactive. An inactive student must complete a readmission application if s/he would like to be considered for readmission.

Withdrawal from Program
A student who voluntarily withdraws from the program after beginning coursework may submit a readmission application to be considered again.

Commencement
A master’s degree candidate may participate in the commencement ceremony only if he or she has applied for graduation and been certified to participate by Merrill Center Student Services. Where 3-6 credits remain and completion will be in the summer immediately following commencement, students may participate in commencement. However, the diploma will not be released until after the receipt of the final grades at the end of August. All special circumstances must be approved in advance by the Associate Dean of Graduate and Continuing Education.
MSEd in Educational Leadership Required Course Descriptions

EDU 551 Changing Educational Organizations in a Diverse World  
Number of Credit Hours: 3  
Prerequisites: None  
Term: Varies  
This course is designed to provide an overview of educational organizations and the change process with attention to the impact of diversity on the local context. It draws on literature about organizational behavior, change, diversity, leadership, and professional learning communities. The course begins with an analysis of organizations and moves to a focused examination of the change process. Specifically it will support a framework that acknowledges the important role that families, communities, and culture play on educational practice.

EDU 554 Internship in School Leadership – 6 credit course  
Number of Credit Hours: 6  
Prerequisites: Students will have completed at least 12 of 15 credits from the following UMF courses or with permission from the instructor.  
- SED 518 Special Education Law  
- EDU 550 School Law for Administrators  
- EDU 551 Changing Educational Organizations in a Diverse World  
- EDU 553 School Finance for Administrators  
- EDU 552 Supervision and Evaluation of School Personnel  
Term: Fall through Spring  
This course will be designed to allow students to demonstrate competency with the Professional Standards for Educational Leaders. Students will complete the 320-hour internship as required by the Department of Education for building leaders; and will be designed in collaboration with the student, the internship mentor, and the instructor of EDU 554. The field experience will be combined with an applied research project in school leadership and is designed to encourage the application of formal coursework to the leadership issues faced by school leaders. Students with a concentration in Administration may choose to enroll in EDU 554 Internship in School Leadership or EDU 586 Field-based Research I and EDU 587 Field-based Research II.

EDU 582 Research Methods in Education  
Number of Credit Hours: 3  
Prerequisites: Accepted in M.S.Ed. in Educational Leadership program, or permission of Director of Graduate Programs in Education  
Term: Fall and Spring  
This course is designed to introduce educators to different methodological frameworks in educational research and become more familiar with a range of research designs and practices. Participants will select an area of inquiry and begin an in-depth analysis of the research on this topic.

EDU 583 Curriculum, Instruction, and Assessment I: Development and Planning for Digital Age Learners  
Number of Credit Hours: 3  
Prerequisites: Accepted in M.S.Ed. in Educational Leadership program or permission of instructor  
Term: Summer  
This course focuses on current research and best practice in the area of curriculum development, instructional design, and assessment techniques. Participants will learn about a range of planning models that will inspire the creativity and innovation necessary to provide rich and powerful learning experiences and environments for every student. This course motivates participants to support
colleagues in engaging students authentically in their own learning. An integral part of this course will be the development of a critical stance related to current practices in the design of curriculum, instruction and assessment.

EDU 584 Curriculum, Instruction, and Assessment II: Data Informed Decision Making for Digital Age Teaching and Learning
Number of Credit Hours: 3
Prerequisites: EDU 583; or permission of instructor
Term: Fall
This course is designed to provide teacher leaders with opportunities to develop a deeper level of understanding of data analysis focused on student learning, representation, and communication to intended audiences. Participants in this course will investigate data-informed leadership processes through the cycle of program evaluation: design, implementation, management, and evaluation. The effects of reform initiatives on the stakeholders in educational environments will be investigated and critiqued. An emphasis is placed on developing a collaborative culture in educational environments that enhances teacher agency, builds instructional capacity, and maximizes efforts to meet students’ needs.

EDU 585 Cultivating Ethical Leadership
Number of Credit Hours: 3
Prerequisites: EDU 584 or permission of instructor
Term: Summer
This course is designed to cultivate leaders at the classroom, school, and district level who are prepared to influence system transformation. Using student-generated and case study scenarios participants will engage in reflective practice to develop their ethical leadership capacity. Participants will collect data; reflect on the role of local context; and the importance of building relationships with a variety of stakeholders to advocate for student learning.

EDU 586 Applied Educational Research I
Number of Credit Hours: 3
Prerequisites: EDU 582 or permission of instructor
Term: Spring.
This course is designed as a capstone experience. Students will conduct a research project that will solidify and extend the researcher's working understanding of the principles of research design, implementation, and analysis. Further, this course is a forum for analysis and reflection on the theoretical and experiential knowledge gained through the research process to generate an informed, multi-faceted perspective on the practice of education. Students with a concentration in Administration may choose to enroll in EDU 554 Internship in School Leadership or EDU 586 Field-based Research I and a concentration elective.
Master of Science in Education (M.S.Ed) in Early Childhood Education

Description and Goals
The Master of Science in Education in Early Childhood degree program is designed for early childhood professionals who wish to become exceptional leaders. This program defines exceptional leaders in early childhood to be persons who fulfill and excel as adult educators in higher education, trainers, classroom teachers, program administrators, policy advocates, curriculum specialists, program proprietors, and a variety of other persons who assume early childhood leadership responsibilities. The core curriculum is carefully designed to contribute to the intellectual and professional growth of these leaders who work with children ages birth through age 8. The program emphasizes child development-based curriculum, development, and assessment, across ages birth through age 8, as well as an understanding of the family and community contexts in which these children are educated.

The 36-credit M.S.Ed. in Early Childhood program should be completed within 6 years of matriculation. It is comprised of 24 core credits and 12 elective credits. The electives, which will be selected in consultation with an advisor, must be 500 level courses or above and contain content specifically related to the field of early childhood.

The program delivery will entail face-to-face instruction in a compressed format, blended courses (partially online and partially face-to-face), and 100% online courses. Approximately 30% of the program will be delivered through face-to-face instruction and 70% will be delivered using distance technology tools.

Field-based Research
All students will participate in field-based projects to develop the skills of independent research. UMF faculty, staff, and students who intend to conduct projects involving human participants must seek approval (or an exemption) from the Institutional Review Board (IRB). The IRB is the administrative and decision-making body having responsibility for review and approval of research involving human subjects. Before any research involving human subjects can be initiated, it must be submitted to the IRB for review and approval. Guidelines for preparing and submitting a proposal to the IRB are located at: https://mycampus.maine.edu/group/umf/institutional-review-board.

Campus Technology Tools
Students are required to use the following campus technology tools:

● MyCampus, the UMF web portal, from which you will be able to log into the sites listed below, as well as Mantor Library, Tk20 (the university assessment database) and UMS Academy (online training resources).
● MaineStreet, the software where demographic information is stored, registration occurs and grades can be seen.
● Brightspace, the learning management system used for hybrid and online courses.
● University email.
MSEd in Early Childhood Education Required Courses

- ECH 500 Early Childhood Education in Today's World (3 Credits)
- ECH 533 Advanced Foundations of Child Development (3 Credits)
- ECH 534 Advanced Program Administration and Leadership (3 Credits)
- ECH 535 Play and the Social World of the Child (3 Credits)
- ECH 538 Collaboration with Families and Communities (3 Credits)
- ECH 539 Curriculum Development and Assessment (3 Credits)
- ECH 540 Research Methods in Early Childhood (3 Credits)
- ECH 541 Field-Based Research (3 Credits)

Electives

12 credits from the following options:

- ECH 502 Diverse Programming in Early Learning Environments (3 Credits)
- ECH 504 Early Childhood Policy and Research (3 Credits)
- ECH 505 Mathematics in the Early Childhood Years (3 Credits)
- ECH 506 Language and Literacy in the Early Years (3 Credits)
- ECH 507 Advanced Infant and Toddler Development and Curriculum
- ECH 537 Science in the Early Childhood Years (3 Credits)
- ECH 577 Special Topics (3 Credits)
- SED 513 Early Childhood Speech and Language: Development, Disorders and Interventions
- SED 515 Early Intervention: Working with Infants and Toddlers with Disabilities and Their Families
- SED 517 Professional Ethics, Cultural Competence, and Evidence-based Practices in Early Intervention and Early Childhood Special Education

Minimum Total Credits for the Degree: 36 Credits

Admission Requirements

To apply for the Master of Science in Education in Early Childhood, an applicant must have:

- A baccalaureate degree in early childhood education or a closely related field from a regionally accredited college or university. (A foreign degree must be validated by World Educational Services, Center for Educational Documentation, Inc., or other appropriate agency. The decision to accept the degree is made on a case-by-case basis by the Associate Dean of Graduate and Continuing Education.)
- Or a baccalaureate degree in a non-related field, or in an education field outside of the early childhood years. These applicants must provide a clear rationale for relevant preparation to enter the Early Childhood program at an advanced level of study. This rationale may include a summary of work with children and families in Birth to age 8 Programs.
- Access to active programs for children and families in order to complete field experiences, including research projects.

Application

Application is found online at:

- Essay(s), including:
  - A self-assessment, including your vision and values for early childhood education.
Supplemental Essay: (IF your baccalaureate is not in early childhood or in a closely related field) A description of your preparation to enter advanced study in early childhood, including experience in birth to age 8 programs

- Two recommendation forms, one from current administrator, program director, or program owner, or from a colleague if you are director or owner, and one of the applicant's choosing
- Official transcript(s) of undergraduate degree(s) and any graduate work
- A nonrefundable $60 application fee.
- Proof of a clear criminal history and child abuse and neglect check
- For graduate level courses you wish to have considered for transfer of credit, you must provide course syllabi for non-UMF courses

Submission of Application
Applications and essays should be emailed as attachments to gradstudies@maine.edu, or sent to the address below. Supplemental materials should be mailed to:

Office of Graduate Studies
University of Maine at Farmington
111 South Street
Farmington, ME 04938

Admission Decisions
Only complete applications will be reviewed. Admission decisions are made by the Graduate Admissions Committee and the Associate Dean of Graduate and Continuing Education on a rolling basis until the enrollment cap is reached. Applications received after this point will be considered for the next available term. Application decisions are final.

Immunization Law
Maine state law requires all individuals born after December 31, 1956, who plan to enroll in a degree program or plan to take 12 or more credits, to show proof of immunity against measles, mumps, rubella, diphtheria, and tetanus before registering for classes. Immunization records must be on file with UMF Student Health Services before students will be allowed to register for class.

Background Check
Most courses require some direct contact with children, through observations, projects, and/or research. It is the responsibility of the student to have a clear criminal history and child abuse and neglect check. Students must provide current documentation to the Office of Graduate Studies. Any fee is the responsibility of the student. Students without a clear criminal or child abuse and neglect background will be dismissed from the program.

Documentation may be:

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<td>Two documents</td>
<td>Copy of current Maine DOE public teaching certification that indicates a Criminal History Check has been conducted</td>
<td>Copy of Initial Educational Approval from Maine DOE that indicates a Criminal History Check has been conducted</td>
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<td>● Maine Department of Health and Human Services clear check of substantiated Maine Child Protective Services Cases (this check must be initiated by the agency where you are employed)</td>
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Transfer of Credit to the Program
A student, upon the recommendation of the Graduate Admission Committee and approval of the Associate Dean of Graduate and Continuing Education, may transfer up to a total of 9 graduate credits. Within those 9, only 3 graduate credits may be transferred in as a core course. The transfer credits must have been earned from an accredited institution, within five years prior to admission, and with a minimum grade of B (or equivalent). Students are required to provide course descriptions and syllabi of transfer credits to determine appropriateness for the program. Graduate credits applied toward an undergraduate degree cannot be used toward the master’s degree.

Student Policies

Student Advisement
Each M.S.Ed. in Early Childhood student will be assigned to the Graduate Advisor in Early Childhood. The advisor must approve all course registration prior to enrollment. The advisor and Associate Dean of Graduate and Continuing Education will review student transcripts and registration status to monitor student progress. A student is expected to maintain regular communication with his/her academic advisor.

Degree Completion
Students may complete the program in as few as two years. This requires completion of two courses approved by the advisor each term (summer, fall, spring). If a student completes one course approved by the advisor per term, the degree will be completed in four years. Other combinations may result in more than two but less than four years to complete the degree. However, completion should be within six years from the initial date of enrollment unless approved by the Associate Dean of Graduate and Continuing Education.

Progress
A student is expected to make consistent progress towards the degree and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two terms, or receive an approved leave of absence, a space in the program will not be maintained, and the student must reapply.

Leave of Absence
A student may request a leave of absence. These requests must be made in writing using the Withdrawal/Leave of Absence form, and signed by the student and advisor. The Associate Dean of Graduate and Continuing Education reviews requests.
Deferral Policy
After admission to an M.S.Ed. program, a student must begin coursework within three terms, or the student will be considered inactive. An inactive student must complete a readmission application if s/he would like to be considered for readmission.

Withdrawal from Program
A student who voluntarily withdraws from the program after beginning coursework may submit a readmission application to be considered again.

Commencement
A master’s degree candidate may participate in the commencement ceremony only if he or she has applied for graduation and been certified to participate by Merrill Center Student Services. Where 3-6 credits remain and completion will be in the summer immediately following commencement, students may participate in commencement. However, the diploma will not be released until after the receipt of the final grades at the end of August. All special circumstances must be approved in advance by the Associate Dean of Graduate and Continuing Education.

MSEd in Early Childhood Education Required Course Descriptions

ECH 500 Early Childhood Education in Today's World
Number of Credit Hours: 3
Prerequisites: Baccalaureate degree in early childhood or a related field. Enrollment in UMF M.S.Ed. Early Childhood Program or Permission of Instructor.
Term: May
Participants in this course will investigate the current field of inclusive early childhood care and education from the perspectives of leadership, advocacy, policy and research. This course serves as a foundation for the M.S.Ed. Program, as students develop goals for their professional growth. Using a socio-ecological model, the contexts of the environments that surround childhood in the 21st century will be identified and explored. Students will explore current issues in early childhood by reading and understanding research on a selected topic in early childhood.

ECH 533 Advanced Foundations of Child Development
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor
Term: Varies
This course is an examination of the historical, philosophical, and theoretical basis of inclusive early childhood education today. The class traces the history and philosophy of education in early childhood and how they impact education practice. Social, economic and political forces will be analyzed within the context of shaping early childhood education. The course examines children's behavior and learning within education contexts, with particular emphasis on inclusive environments. This course will fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.

ECH 534 Advanced Program Administration and Leadership
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor
Term: Varies
Participants in this course will investigate the current field of early childhood care and education from the perspectives of leadership, advocacy, policy, and research within inclusive settings. Students will compare and contrast leadership models and styles, while delineating the differing roles and ethical responsibilities of leaders and managers. Building on their professional experiences in the field and previous coursework in program administration, this course will help students examine major components of administration including supervision and professional development of staff, relationships with families and the community, advocacy for the program and the field, professional accreditation, and applying research findings in the field.

**ECH 535 Play and the Social World of the Child**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
**Term:** Varies  
In this course, students examine how children form and maintain relationships with others, including the family, peers, early childhood educators, and the community. Issues involving support systems for inclusive education settings will be investigated. The implications of these relationships for children’s development are investigated, as is the critical role of play in promoting positive connections with individuals and groups in the child’s world.

**ECH 538 Collaboration with Families and Communities**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
**Term:** Varies  
The course presents strategies for educators to develop supportive family and community relationships. The multiple roles played by early educators are examined as they design and implement collaborative relationships with families and communities for the purpose of mutual support within inclusive settings. The course critically analyzes theoretical paradigms and current research, with a particular focus on the ecological system from the most immediate environments inhabited by the child to the most distant (i.e. federal agencies, belief systems). This course will fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.

**ECH 539 Curriculum Development and Assessment**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
**Term:** Varies  
This course focuses on building collaborative and integrative curricula that utilizes assessment for best teaching practices. The emphasis will be child-centered and include the use of inclusive classroom adaptations. Students will focus on assessing outcomes and learning goals, as well as articulating developmentally appropriate alignment with school (K-3) outcomes and goals. The role of inquiry to practice and viewing reflective inquiry as a critical part of curriculum building will be emphasized.

**ECH 540 Research Methods in Early Childhood**  
**Number of Credit Hours:** 3  
**Prerequisites:** Enrollment in UMF’s M.S.Ed. in Early Childhood; ECH 500; and an additional 15 credits of graduate level ECH coursework at UMF, or permission of instructor  
**Term:** Varies  
In this course, students examine research methodologies used in inclusive early childhood settings. Students will investigate and interpret the methods used in existing empirical literature, and will
investigate and practice various qualitative and quantitative techniques. The use of ethics in conducting research on young children, their families, and their learning environments is emphasized.

**ECH 541 Field-Based Research**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, ECH 500 Early Childhood Education in Today’s World, and ECH 540 Research Methods in Early Childhood  
**Term:** Varies  
This course is the capstone of the M.S.Ed. Early Childhood Program. Students will complete a field-based, original research project, utilizing a research design that will draw on the student’s background knowledge from ECH 540. Analysis and reflection on the research process with an emphasis on interpretation and practical application of research to practice will be central to the course.

**Elective Course Descriptions**

**ECH 501 The Reggio Emilia Approach and the Emergent Curriculum**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree  
**Term:** Varies  
This course introduces students to the Reggio Emilia approach and the use of the emergent curriculum in early childhood education. The course begins with an overview of the history and development of the Reggio Emilia approach and moves to the pedagogical dimensions and features of the emergent curriculum as practiced in this curriculum model. The methodology of project work is extensively explored over the course. Students are expected to construct an understanding of how to develop an emergent curriculum based upon children's interests and needs. The concept of pedagogical documentation is debased and used to support curriculum planning and children's assessment.

**ECH 502 Diverse Programming in Early Learning Environments**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor  
**Term:** Varies  
This course develops a transformative approach for incorporating diversity and multiculturalism into the classroom with an emphasis on curriculum-building. Students will examine patterns of increasing diversity and how diversity impacts the classroom. The course presents diversity as a caregiving and teaching strategy for the children and their families. Students will emerge with a deeper understanding of multiculturalism and its meaningful inclusion into their lesson plans. This course may fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.

**ECH 504 Early Childhood Policy and Research**  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor  
**Term:** Varies  
Participants in this course will investigate the current field of early childhood care and education from the perspectives of leadership, advocacy, policy and research. An analysis of the influence and impact of national, state and local politics on early childhood policy will include an examination of involved stakeholders, both external and internal to government entities. Students will explore current issues in early childhood policy and research by reading and understanding research on selected current topics.
in early childhood. Students may opt to complete a mini-internship in a policy research institute or project.

ECH 505 Mathematics in the Early Childhood Years
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
This course will concentrate on the development of mathematical concepts in young children ages 3-8 in naturalistic, informal and formal settings. Using a constructivist theoretical approach, the course will embed and integrate early math development across curriculum areas and throughout the daily environments of young children. Current research and national and state mathematics standards on early mathematics will be linked to philosophy and practice. This course will fulfill the required math content area for the Maine state Birth-5 081 teaching certificate.

ECH 506 Language and Literacy in the Early Years
Number of Credit Hours: 3
Prerequisites: Baccalaureate degree in early childhood or a related field. Enrollment in UMF M.S.Ed. Early Childhood Program or Permission of Instructor
Term: Summer
This course will concentrate on the development of literacy concepts in young children ages 3-8 in informal and formal settings. Using a constructivist theoretical approach, the course will embed and integrate early literacy development across curriculum areas and throughout the daily environments of young children. Current research and national and state literacy standards on early literacy will be linked to philosophy and practice. This course fulfills 3 of the 6 credit requirements towards the language, literacy, and literature content area for the Maine state Birth-5 081 teaching certificate.

ECH 507 Advanced Infant and Toddler Development and Curriculum
Credit Hours: 3
Prerequisites: (All students must hold a Bachelor’s Degree.) Accepted in M.S.Ed. in Early Childhood program, or permission of program Director
Term: Varies
This course will examine the physical, socio-emotional, cognitive, linguistic, and behavioral development of infants and toddlers. The importance of early relationships and attachment with mothers, fathers and other primary caregivers will be explored. State and national standards for infant/toddler caregiving environments, observation, curriculum, and assessment will reviewed and utilized. A focus of this course will be considering strategies for developing collaborative relationships with parents and creating programs for young infants and toddlers that support parent partnerships, culturally competent caregiving, and developmentally supportive environments. This course has been approved to be used to apply for the State of Maine’s 081 Birth-Five Early Childhood Endorsement.

ECH 537 Science in the Early Childhood Years
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
This course addresses the development of inquiry-based science curriculum in the early childhood setting. Rooted in constructivist approaches, it incorporates topics of scientific literacy, conceptual development, content areas, current research and curriculum development, implementation and evaluation. Sources of curriculum in science for young children are explored (e.g., standards content, children’s knowledge and concepts, flora and fauna of the immediate environment, etc.) are explored,
teaching/learning strategies examined and scientific outcomes assessed. This course will fulfill the science content area for the Maine state Birth-5 081 teaching certificate.

ECH 577 Special Topics in Early Childhood Education
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
This course provides students with the opportunity to cover specialized topics, not included in regular course offerings, in the fields of child development and early childhood education. May be repeated for credit when the topic differs.

SED 513 Early Childhood Speech and Language: Development, Disorders and Interventions
Number of Credit Hours: 3
Prerequisites: (All students must hold a Bachelor’s Degree.)
Term: Varies
This course is designed to introduce future early childhood special and general educators to the development of speech and language in young children. Content includes an overview of the ages and phases of typical speech and language development and the link between speech, language and literacy. It will explore disorders and delays in speech and language and learn about research-based techniques for assessment, identification and intervention.

SED 515 Early Intervention: Working with Infants and Toddlers with Disabilities and Their Families
Number of Credit Hours: 3
Prerequisites: (All students must hold a Bachelor’s Degree.)
Term: Varies
This course addresses various aspects of early intervention services including teaming with families; understanding development and risk during prenatal, natal, and postnatal stages; studying models for working with young children with disabilities and their families in natural environments; and examining infant and toddler program development and curriculum. Students will identify and use current research to increase personal knowledge and skills, applying their findings to present work settings.

SED 517 Professional Ethics, Cultural Competence, and Evidence-based Practices in Early Intervention and Early Childhood Special Education
Number of Credit Hours: 3
Prerequisites: (All students must hold a Bachelor’s Degree.)
Term: Varies
This course examines professional and ethical practice within the range of delivery systems from early intervention to special education in community and school-based programs for children with disabilities, from birth to eight years of age, and their families. Case studies increase understanding of various medical conditions and related care on family concerns and on child development and learning. Students examine and practice developmentally appropriate methods and strategies, as well as develop skills in effective supervision and evaluation of others. Through the course, students engage in reflective inquiry regarding developing personal cultural competency. Students identify and use current research to increase personal knowledge and skills, applying findings to present work settings.
Master of Science in Education (M.S.Ed.) in Special Education

Description and Goals
The M.S.Ed. in Special Education provides students with multiple, accessible pathways to earn a master’s degree in special education and, if desired, special education teacher certification (K-8 or 7-12) with various high-need specialization options. The program contributes to the intellectual and professional growth of practicing educators through a challenging and supportive course of study that respects and builds upon their experiences in the field. The cohesive student-centered program models excellence in education through rigorous coursework and faculty mentoring of research and practice.

The 33-credit program, including 12-credit hours of a rigorous core curriculum, and six (6) 21-credit specializations from which students can choose. This degree is designed to both provide a 4+1 pathway for UMF undergraduate students and support the needs of public school personnel interested in teaching and leadership roles in special education. Completion of the degree takes two to three years for students starting the program outside of the 4+1 program.

The program delivery will entail face-to-face instruction in a compressed format, blended courses (partially online and partially face-to-face), and 100% online courses. In the core courses, 70% of the program is delivered using distance technology tools and 30% is delivered face-to-face, typically consisting of 3 class meetings on campus.

Required Courses
- SED 551 Advanced Intervention Methods (3 credits)
- SED 598 Inclusive Education Reform: a Social Justice Approach to School and Systemwide Reform (3 credits)
- EDU 582 Research Methods in Education (3 credits)
- SED 586 Special Education Research (3 credits)
- *SED 522 Internship (varies based on specialization)
- *SED 518 Special Education Law or equivalent course if not taken as undergraduate

Specialization Tracks
Each student completes a 21-credit specialization appropriate for their interests.
Specializations may be in the following areas:
- Inclusive Education and Leadership
- Teacher of students with disabilities (includes 282 teacher certification)
- Low Incidence Disabilities (includes 286 certification)
- Special Education Administration (030 certification)
- Assistive Technology
- Self-designed
Specialization Specifications
Inclusive Education and Leadership
SED 505
EDU 551
EDU 585
SED 599
SED 590
3 credits of electives

Teacher of Students with Disabilities
Students in this specialization seeking Maine state teacher certification are required to complete the core of the master’s program and, in consultation with their advisor, complete 21 credits from the following:

Required
9 credits
SED 506
SED 529
SED 522*

3 credits from the following
SED 507
SED 511
SED 514

3 credits from the following
SED 503**
SED 504

6 credits from the following
SED 503
SED 504
SED 505
SED 507
SED 508
SED 511
SED 513
SED 514
SED 519

*SED 522 is only required for those seeking initial certification
**Students seeking 7-12 certification must take SED 503

Low Incidence Disabilities
21 credits chosen from:
SED 519 OR SED 573
SED 522 (if seeking certification)
15-18 additional credits chosen in consultation with advisor
Transfer of Credit to the Program
A student, with the approval of the Admissions Committee, may transfer up to 9 graduate credits from another institution into his/her academic program; only 3 of these credits may be in the core of the program. Aside from EDU 582, transfer of credit into the core is not accepted. These credits must have been earned from a regionally accredited institution, within 5 years prior to admission, and with a minimum grade of B (or equivalent). Graduate credits applied toward an undergraduate degree cannot be used toward the master’s degree. Students are required to provide syllabi for transfer credits to determine appropriateness for UMF’s program.

Student Policies
Student Advisement
Each M.S.Ed. in Special Education student will be assigned an academic advisor. The advisor will review student transcripts and registration status to monitor student progress. A student is expected to maintain regular communication with his/her academic advisor.

Degree Completion
Students in this program will complete the degree in two to three years, including summers. Students in the 4+1 pathway will complete up to 12 credits of graduate coursework before completing their bachelor’s degree and complete the remainder of their master’s degree in one year. Students must complete the degree within five years from the initial date of enrollment, unless approved by the Associate Dean of Graduate and Continuing Education because of special circumstances.

Leave of Absence
A student may request a leave of absence. These requests must be made in writing using the Withdrawal/Leave of Absence form, and be signed by the student and their advisor. The Associate Dean of Graduate and Continuing Education reviews requests.

Progress
A student is expected to make consistent progress towards the degree and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two terms or receive an approved leave of absence, a space in the program will not be maintained, and the student must reapply.

Deferral Policy
After admission to an M.S.Ed. program, a student must begin coursework within three terms, or the student will be considered inactive. An inactive student must complete a readmission application if s/he would like to be considered for readmission.
Withdrawal from Program
A student who voluntarily withdraws from the program after beginning coursework may submit a readmission application to be considered again.

Commencement
A master’s degree candidate may participate in the commencement ceremony only if he or she has applied for graduation and been certified to participate by Merrill Center Student Services. Where 3-6 credits remain and completion will be in the summer immediately following commencement, students may participate in commencement. However, the diploma will not be released until after the receipt of the final grades at the end of August. All special circumstances must be approved in advance by the Associate Dean of Graduate and Continuing Education.

Required Course Descriptions

SED 551 Advanced Intervention Methods
Number of Credit Hours: 3
Prerequisites: Enrollment in Master’s in Special Education, or Permission of Instructor
Term: Spring
This course focuses on identifying, selecting, implementing, and evaluating evidence-based inclusive practices within a multi-tiered system of support (MTSS) framework. In particular, candidates will explore in-depth the data-based individualization process, including the design and implementation of intensive, individualized, research-based interventions. As a requirement of the course, candidates will engage in field-based activities that provide real-world opportunities for translating theory and research into practice and applying several High-Leverage Practices (HLPs) in Special Education.

SED 598 Inclusive Education Reform: a Social Justice Approach to School and Systemwide Reform
Number of Credit Hours: 3
Prerequisite: Enrollment in Graduate Certificate in Special Education Administration, or Master’s in Special Education, or Permission of Instructor
Term: Varies
This course will explore how educators (teachers and administrators) can establish an inclusive vision and advocate to create a school or systemwide plan for equitable and excellent learning for all students. We will examine historical, legal, practical and theoretical perspectives on the culture and systems of special education and inclusive schooling. Students will study the research, issues, and outcomes from school leaders and educational researchers committed to advancing equity, social justice, and inclusive school reform. By the end of the course, students will have a deep historical, theoretical, and ethical understanding of inclusive school reform, as well as experience with practical tools, analysis, and applications to seek, create, and sustain equitable schools, especially for marginalized students.

EDU 582 Research Methods in Education
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Educational Leadership, Special Education, Mathematics Education, or permission of Associate Dean for Graduate Education
Term: Fall and Spring
This course is designed to introduce educators to different methodological frameworks in educational research and become more familiar with a range of research designs and practices. Participants will select an area of inquiry and begin an in-depth analysis of the research on this topic.

SED 586 Special Education Research
Number of Credit Hours: 3
Prerequisites: Accepted in MSEd. in Special Education program, or permission of Director of Graduate Programs in Education
Term: Varies
Practical application of educational research methods to school reform initiatives and academic and behavioral intervention methods. The focus is on creating a research design for systematic inquiry of a schoolwide or classroom-specific issue. Includes data analysis, research report writing, and professional presentation skills.

*Required for some tracks

SED 518 Special Education Law
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course will provide prospective and practicing educators and school administrators with a working knowledge of relevant laws, policies, and regulations related to students with disabilities. Laws and regulations pertaining to the Individuals with Disabilities Education Act, Maine special education regulations, and Section 504 of the Rehabilitation Act will be discussed. Major course topics include Special Education eligibility and IEP development, student discipline, and curriculum access. The historical significance and practical application of laws affecting students with disabilities in school will be emphasized. In particular, the focus of the course will be on making effective educational decisions for students with disabilities.

SED 522 Internship in Special Education (credits vary)
This course is designed for those seeking State certification as a special education teacher. Interns participate in a variety of supervised experiences in a school while working with children with disabilities. Working with a special educator, students with disabilities, and other school personnel, interns expand and refine their knowledge and skills and increase their responsibilities over time. Students participate in a seminar during their internship experience. Students completing SED 522 with a grade of B- or better fulfill State student teaching requirements.
Prerequisites: (All students must hold a Bachelor’s Degree.) Enrollment in M.S.Ed in Special education or satisfactory completion (B- or better) of at least two of the following: SED 506, SED 507, SED 508, SED 529
The Master of Arts in Counseling Psychology with an Emphasis on the Creative Arts

Description and Goals
The Master of Arts in Counseling Psychology program is designed to provide a solid clinical foundation while also fostering a climate that allows for the effective integration of the creative and expressive arts into the practice of counseling and psychotherapy. The program facilitates the development of counseling skills via professional clinical training and immersion in various artistic modalities (e.g., music, painting, creative writing). Graduates of the program are prepared to serve their communities as creative, productive, service-oriented leaders in the clinical counseling profession. Graduates are qualified to apply to the State of Maine Board of Counseling Professionals to sit for the National Counselor Exam (NCE), which upon passing, qualifies them for the Licensed Clinical Professional Counselor, conditional licensure (LCPC-C).

Specific student outcomes or behavioral objectives:

- Students will be prepared for post-graduate entry-level work in the field of clinical counseling.
- Students will find diverse ways to conceptualize and utilize the creative arts in clinical practice.
- Students will be prepared to employ creative arts therapies with a diverse array of populations.

This 64 credit intensive, full-time program is offered in a hybrid model with face to face or synchronous instruction for all courses.

Campus Technology Tools
Students are expected to use the following campus technology tools:

- MyCampus, the UMF web portal, from which you will be able to log into the sites listed below, as well as Mantor Library, and UMS Academy (online training resources).
- MaineStreet, the software where demographic information is stored, registration occurs and grades can be seen.
- Brightspace, the learning management system used for hybrid and online courses.
- University email.

Required Courses

Fall Year I
PSY 500 Creative Arts in Counseling 3 credits
PSY 505 Professional Ethics & Orientation and in Counseling 3 credits.
PSY 510 Fundamentals of Counseling Theories and Skills I 3 credits.
PSY 515 Social and Cultural Foundations 3 credits.
PSY 520 Research Methods 3 credits

Winter 100% Online
PSY 535 Creative Arts Immersion: Special Topics (select one in consultation with advisor and appropriate faculty member in the identified creative art)

- Music: 3 credits
- Visual Arts: 3 credits
- Creative Writing: 3 credits
Spring Year I
PSY 525 Human Growth and Development 3 credits
PSY 530 Fundamentals of Counseling Theories and Skills II 3 credits
PSY 540 Diagnosis and Treatment 3 credits
PSY 545 Group Counseling 4 credits, which includes 1 credit of lab
PSY 550 Crisis Intervention 3 credits

Summer Year I
PSY 555 Practicum 3 credits

Fall Year II
PSY 560 Measurement and Evaluation 3 credits
PSY 565 Addictive Disorders 3 credits.
PSY 570 Creative Arts Immersion: Special Topics (select one in consultation with advisor and appropriate faculty member in the identified creative art)
  ● Music: 3 credits
  ● Visual Arts: 3 credits
  ● Creative Writing: 3 credits
PSY 575 Internship. 4.5 credits

Spring Year II
PSY 580 Marriage and Family Counseling 3 credits
PSY 585 Career Counseling 3 credits
PSY 590 Advanced/Intermodal Creative Arts Therapies 3 credits
PSY 595 Internship 4.5 credits

MA in Counseling Psychology with an Emphasis on the Creative Arts
Required Course Descriptions

PSY 500 Creative Arts in Counseling
Number of Credit Hours: 3
Prerequisites: Bachelor’s Degree
Term: Fall
This highly experiential course will provide a foundational understanding of what the Creative/Expressive Arts Therapies are and how they are used in a wide variety of settings. The Creative/Expressive Arts Therapies include art therapy, music therapy, dance-movement therapy, drama therapy, psychodrama, creative writing/poetry therapy, play therapy, and sandtray therapy. Creative/Expressive Arts Therapies embrace the use of creative self-expression as a path toward healing, growth, and self-discovery. The creative process allows expression of experiences that are often deeper than words and beyond our awareness.

PSY 505 Professional Ethics & Orientation and in Counseling
Number of Credit Hours: 3
Prerequisites: Bachelor’s Degree
Term: Fall
This course will provide an overview of the professional history, standards, and practices of the clinical professional counselor. Students will be able to recognize the ethical principles and legal issues related to the clinical role and to utilize this knowledge in their work with clients and colleagues. Students will
become familiar with the American Counseling Association Code of Ethical Standards, the American Mental Health Counseling Association Code of Ethics and the various statutory requirements that impact professional credentialing and work with clients. Students will be supported in the development of becoming a mental health professional through the exploration of self-in-role, readings, case studies, and discussions on selected topics in mental health practice.

**PSY 510 Fundamentals of Counseling Theories and Skills**  
**Number of Credit Hours:** 3  
**Prerequisites:** Bachelor’s Degree  
**Term:** Fall  
This course introduces students to the fundamental counseling skills that underlie effective, evidence-based psychotherapy. The class combines theoretical knowledge of counseling with peer practice of fundamental counseling skills.

**PSY 515 Social and Cultural Foundations**  
**Number of Credit Hours:** 3  
**Prerequisites:** Bachelor’s Degree  
**Term:** Fall  
This course will expose students to issues of ethnicity, race, gender, socioeconomic status, culture, sexual orientation, physical and psychological disability, religion, age, language, etc. as these relate to their development as clinical counselors. Theories of multicultural counseling, identity development, multicultural competencies, social justice, and strategies for working with and advocating for individuals, couples, families, groups, and communities will be reviewed. Students will explore their own attitudes and beliefs through written assignments, texts, class discussions and films to increase their understanding of self and diverse populations.

**PSY 520 Research Methods**  
**Number of Credit Hours:** 3  
**Prerequisites:** Bachelor’s Degree  
**Term:** Fall  
This course will familiarize students with clinically relevant research methods (e.g. surveys, experimental, quasi-experimental, and single case replication designs, program evaluation). Students will understand the connection between research methods and evidence based practice. In addition, this course will include an examination of the ACA and APA ethical guidelines for conducting research, and issues of diversity in research and evaluation. An overview of statistical concepts and terminology related to research methods will be included.

**PSY 525 Human Growth and Development**  
**Prerequisites:** Bachelor’s Degree  
**Term:** Spring  
This course provides a survey of theory and research pertaining to biological, cognitive and social development across the lifespan. Course materials and assignments will facilitate students’ ability to engage in developmentally appropriate practice. Students will also examine their own understanding of healthy development, and its influence on their work as therapists.

**PSY 530 Fundamentals of Counseling Theories and Skills II**  
**Number of Credit Hours:** 3  
**Prerequisites:** PSY510
Term: Spring
This course develops students' knowledge, understanding, and application of the major theoretical systems of counseling. Psychotherapies studied include Psychodynamic, Humanistic/Existential, Gestalt, Cognitive Behavioral, Family Systems, Feminist, Solution-Focused, and Narrative. Theoretical principles and their application are discussed in the context of working with individuals from culturally diverse groups. The class combines theoretical knowledge of counseling with peer practice and self-reflective critique of counseling skills.

**PSY 535 Creative Arts Immersion: Special Topics** (select one in consultation with advisor and appropriate faculty member in the identified creative art)

**Number of Credit Hours:**
Music: 3 credits
Visual Arts: 3 credits
Creative Writing: 3 credits

**Prerequisites:** PSY500

**Term:** Winter
Students in this course will immerse themselves in the experience of creative expression and creative arts therapies. Students through their research of creative art modalities, will develop a project that will culminate in a piece of clinical work that incorporates creativity into clinical practice. This course may be offered Pass/Fail

**PSY 540 Diagnosis and Treatment**
**Number of Credit Hours:** 3
**Prerequisites:** Bachelor's Degree

**Term:** Spring
This course will provide students with an understanding of psychopathology, the utilization of the Diagnostic and Statistical Manual of Mental Disorders in clinical practice, assessment, and intervention of mental health diagnoses. Students will learn to conceptualize mental health disorders and their etiologies within various schools of counseling theory including how assessment (e.g., intake interviews) inform the process of diagnosis and treatment planning. Additionally, students will identify ethical issues related to research and practice, the various definitions of normality and abnormality, and the significant impact of culture and diversity on diagnosis and treatment planning.

**PSY 545 Group Counseling**
**Number of Credit Hours:** 4, which includes 1 credit of lab
**Prerequisites:** Bachelor's Degree

**Term:** Spring
This course will provide students with a foundational understanding of group theory and practice. Students will examine concepts such as group development and dynamics, group leaders roles and styles, membership roles and objectives as they apply to different types of groups. Special needs of diverse populations and their appropriate group interventions will be discussed. Students will have an opportunity to practice group facilitation and will prepare them to work with various types of groups.

**PSY 550 Crisis Intervention**
**Number of Credit Hours:** 3
**Prerequisites:** Bachelor's Degree
Term: Spring
This course will provide an understanding of the theories and practice of crisis intervention, short term counseling strategies, and the responsibilities of all those involved in the intervention. Principles of intervention will be considered on the individual, family, group, and community levels. Sociocultural influences on crisis and intervention will also be discussed. Additionally, stress and burnout, as they affect crisis clinicians will be examined, and strategies for prevention and professional development discussed.

PSY 555 Practicum
Number of Credit Hours: 3
Prerequisites: PSY505, PSY510, PSY515, PSY540, PSY545, PSY550
Term: Summer
A course of clinical instruction that provides practical experience in counseling for the purpose of developing individual and group counseling skills. These field experiences will allow students to perform, on a limited basis, some of the counseling activities that a regularly employed licensed clinical professional counselor would be expected to perform. Students will complete a total of 100 hours of supervised clinical counseling practicum experiences, with a minimum of 40 clock hours dedicated to direct service with clients that contributes to the development of counseling skills.

PSY 560 Measurement and Evaluation
Number of Credit Hours: 3
Prerequisites: Bachelor’s Degree
Term: Fall
This course will provide students with an overview of the theoretical and practical basis for assessment. Students will develop an understanding of how reliability, validity and psychometric statistics are applied to the development of psychological assessments before being introduced to a wide range of assessment instruments. Ethical application of tests will be a theme throughout the course. The importance of interviewing the client, considering the client’s intersecting identities, and utilizing measurement results in treatment planning will be discussed in the context of assessment.

PSY 565 Addictive Disorders
Number of Credit Hours: 3
Prerequisites: Bachelor’s Degree
Term: Fall
This course prepares students for work with clients who present with substance use and other addictive disorders. Assessment, diagnosis, treatment planning and interventions throughout the stages of misuse, abuse, dependency, and recovery will be addressed. Students will also explore and develop skills in motivational interviewing, harm reduction and a variety of other treatment modalities.

PSY 570 Special Topics in Creative Arts 2
Number of Credit Hours: 3
Prerequisites: Bachelor’s Degree
Term: Fall
This course will provide students with course work that will assist them in their pursuit of becoming a therapist who incorporates creative expression into their practice. This course will offer students experiential learning in the field of Creative Arts Therapies. One of the goals of this program is for students to immerse themselves in the experience of creative expression and to explore their creative
interests and professional identity as it relates to incorporating creativity into clinical practice. This course may be offered Pass/Fail.

**PSY 575 Internship I**  
**Number of Credit Hours:** 3  
**Prerequisites:** Bachelor’s Degree  
**Term:** Fall Internship I is the first course in a two semester internship sequence. This course compliments the supervised practical experience to be gained concurrently at the student’s field work placement in a clinical counseling setting. These experiences will allow students to perform all the activities that a regularly employed licensed clinical, professional counselor would be expected to perform. Students must complete a total of 450 hours of supervised clinical counseling experiences, with a minimum of 180 clock hours dedicated to direct service with actual clients that contributes to the development of their clinical skills.

**Application Requirements**  
To apply for the Master of Arts in Counseling Psychology, an applicant must:
- have a baccalaureate degree from a regionally accredited college or university. (A foreign degree must be validated by the World Educational Services, Center for Educational Documentation, Inc., or other appropriate agency. The decision to accept the degree is made on a case-by-case basis by the Associate Dean.

Required supplemental materials include:
- An essay  
- Two professional recommendations;  
- Current professional resume with employment dates  
- Official transcript(s) of undergraduate degree(s) (including UMF) and all graduate work;  
- Copy of certification or license, when appropriate; and  
- A nonrefundable $60 application fee.

**Submission of Application**  
Applications and essays should be emailed as attachments to gradstudies@maine.edu, or sent to the address below. Supplemental materials should be mailed to:  
Division of Graduate and Continuing Education  
University of Maine at Farmington  
111 South Street  
Farmington, ME 04938

**Admission Decisions**  
Only completed applications will be reviewed. Admission decisions are made by the Graduate Admissions Council on a rolling basis until the enrollment cap is reached. Applications received after that point will be considered for the next available cohort. Admissions decisions are final.

**Immunization Law**  
Maine state law requires all individuals born after December 31, 1956, who plan to enroll in a degree program or plan to take 12 or more credits, to show proof of immunity against measles, mumps, rubella,
diphtheria, and tetanus before registering for classes. Immunization records must be on file with UMF Student Health Services before students will be allowed to register for class.

**Required Criminal Background Check**
All successful applicants will complete and pass a criminal background check as a final step before matriculation into the program.

**Transfer of Credit to the Program**
Some transfer credit may be considered on a case by case basis but not to exceed 9 credits.

**Student Policies**

**Student Advisement**
Each MA in Counseling Psychology student will be assigned a faculty advisor. The advisor and Associate Dean of Graduate and Continuing Education will review student transcripts and registration status to monitor student progress. A student is expected to maintain regular communication with his/her academic advisor.

**Degree Completion**
This program is set up for full time enrollment and students will complete in two years. Students who need to leave the program for a period of time must make a plan for completion with their advisor and approved by the department of Psychology and Associate Dean of Graduate and continuing education.

**Progress**
A student is expected to make consistent progress towards the degree and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two terms, or receive an approved leave of absence, a space in the program will not be maintained, and the student must reapply.

**Leave of Absence**
A student may request a leave of absence. These requests must be made in writing using the Withdrawal/Leave of Absence form, and signed by the student and advisor. The Associate Dean of Graduate and Continuing Education reviews requests.

**Deferral Policy**
If a student chooses to defer their admission to the program, the student will be expected to complete a brief readmission application if s/he would like to be considered for readmission.

**Withdrawal from Program**
A student who voluntarily withdraws from the program after beginning coursework may submit a readmission application to be considered again.

**Commencement**
A master’s degree candidate may participate in the commencement ceremony only if he or she has applied for graduation and been certified to participate by Merrill Center Student Services. Where 3-6 credits remain and completion will be in the summer immediately following commencement, students may participate in commencement. However, the diploma will not be released until after the receipt of the final grades at the end of August. All special circumstances must be approved in advance by the Associate Dean of Graduate and Continuing Education.
**Master of Science in Education (M.S.Ed) in Mathematics Education**

**Description and Goals**
The M.S.Ed. Mathematics Education prepares professional educators for leadership roles in educational settings. The program contributes to the intellectual and professional growth of practicing educators through a challenging and supportive course of study that respects and builds upon their experiences in the field. The cohesive student-centered program models excellence in education through rigorous coursework and faculty mentoring of research and practice. The 33-credit program helps teachers become effective educational leaders.

The program is designed to support the development of mathematics teacher leaders PK-12 for positions such as: mathematics coaches, mathematics curriculum/instructional specialists, mathematics interventionists, etc. or to provide an alternate route for people with an undergraduate degree in mathematics or with 15 undergraduate credits in mathematics, including calculus 1, calculus 2, geometry, and statistics.

Completion of the degree takes two to four years, depending on the individual’s pacing of courses.

The program delivery will be through blended courses (partially online and partially face-to-face). Approximately 30% of the program will be delivered through face-to-face instruction and 70% will be delivered using distance technology tools.

**Field-based Research**
All students will participate in field-based projects to develop the skills of independent research. UMF faculty, staff, and students who intend to conduct projects involving human participants must seek approval (or an exemption) from the Institutional Review Board (IRB). The IRB is the administrative and decision-making body having responsibility for review and approval of research involving human subjects. Before any research involving human subjects can be initiated, it must be submitted to the IRB for review and approval. Guidelines for preparing and submitting a proposal to the IRB are located at: [https://mycampus.maine.edu/group/umf/institutional-review-board](https://mycampus.maine.edu/group/umf/institutional-review-board)

**Campus Technology Tools**
Students are required to use the following campus technology tools:
- MyCampus, the UMF web portal, from which you will be able to log into the sites listed below, as well as Mantor Library, Tk20 (the university assessment database) and UMS Academy (online training resources).
- MaineStreet, the software where demographic information is stored, registration occurs and grades can be seen.
- Brightspace, the learning management system used for hybrid and online courses.
- University email.
Core Courses (21 credits)

Education Courses (12 credits):
- EDU 582 Research Methods in Education
- EDU 586 Capstone Research Course
- EDU 524 Advanced Math Methods (for K-8) OR EDU 561 Methods for Middle/Secondary Mathematics Education (for 7-12)
- EDU 529 Mathematics Leadership in K-12 settings: Understanding and Implementing Maine’s State Standards (This course will have a co-requisite field experience.)

Mathematics Content Courses (9 credits):
- EMA 500 Number, Operations, Algebra, & Functions PK-12
- EMA 501 Geometry & Measurement PK-12
- EMA 502 Data Analysis, Statistics, & Probability PK-12

Track and Specialization

LEADERSHIP TRACK:

Core Education Leadership Courses (3 credits):
- EDU 532 Mathematics Leadership K-12
  OR
- EDU 525 Developing Formative Assessment Practices in the Mathematics Classroom

Choose an area of Specialization:

Specialization: Math Coaching (6 credits)
- EDU 594 Designing a Math Coaching Practice (This course will have a co-requisite field experience)
- EDU 596 Refining a Math Coaching Practice (This course will have a co-requisite field experience)

Specialization: Math Intervention (6 credits)
- EDU 527 Using Data for Teaching and Learning in Support of All Students in Mathematics (This course will have a co-requisite field experience)
- EDU 528 Leading the RTI Process in Mathematics (This course will have a co-requisite field experience)

INITIAL LICENSURE TRACK:

Middle/Secondary Mathematics Teacher (12 credits)
- EDU 5YY Student teaching - 6 credits
- SED 561 Teaching Individuals with Exceptionalities in the General 7-12 Classroom - 3 credits
- EDU 531 Mathematics Pedagogical Knowledge: Effective Instructional Practices for Teaching Maine’s State Standards - 3 credits

Minimum Total Credits for the Degree: 33 Credits
Admission Requirements

Applicants must have a baccalaureate degree from a regionally accredited college or university.

For the Leadership Track, applicants must have a minimum of 2 years teaching experience and be employed, or seeking employment as a classroom teacher or other educational professional.

For Initial Licensure Track, applicants must have a minimum of 15 credits in mathematics at the undergraduate or graduate level, including calculus 1, calculus 2, geometry, and statistics. Students applying for Initial Licensure Track may be required to provide additional documentation to comply with the Maine Certification Policy. The Maine Department of Education is the granting authority for teacher credentialing in the State of Maine.

Application


Required supplemental materials include:
- Application essay;
- Two recommendations using the appropriate M.S.Ed. in Mathematics Education recommendation form - one from a colleague, one from current administrator or supervisor;
- Official transcript(s) of undergraduate degree(s) (including UMF) and all graduate work;
- Copy of certification or license and CHRC (if Leadership Track);
- A nonrefundable $60 application fee.

Submission of Application

Applications and essays should be emailed as attachments to gradstudies@maine.edu, or sent to the address below. Supplemental materials should be mailed to:

Division of Graduate and Continuing Education
University of Maine at Farmington
111 South Street
Farmington, ME 04938

Admission Decisions

Only completed applications will be reviewed. Admission decisions are made by the Graduate Admissions Committee on a rolling basis until the enrollment cap is reached. Applications received after that point will be considered for the next enrollment deadline. All admissions decisions are final.

Immunization Law

Maine state law requires all individuals born after December 31, 1956, who plan to enroll in a degree program or plan to take 12 or more credits, to show proof of immunity against measles, mumps, rubella, diphtheria, and tetanus before registering for classes. Immunization records must be on file with UMF Student Health Services before students will be allowed to register for class.

Transfer of Credits

If you are requesting that graduate-level coursework be transferred from another institution into this UMF Master’s program, in addition to your transcript you must submit the syllabus for each course you would like considered for transfer. Transfer decisions are made at the time of admission.
A student, with the approval of the Admissions Committee, may transfer up to 9 graduate credits from another institution into his/her academic program; only 3 of these credits may be in the core of the program. Aside from EDU 582, transfer of credit into the core is not accepted.

These credits must have been earned from a regionally accredited institution, within 5 years prior to admission, and with a minimum grade of B (or equivalent). Graduate credits applied toward an undergraduate degree cannot be used toward the Master’s degree.

Student Policies

Student Advising
Each M.S.Ed. in Mathematics Education student will be assigned an academic advisor. The advisor will review student transcripts and registration status to monitor student progress. A student is expected to maintain regular communication with his/her academic advisor.

Degree Completion
Those enrolled in the program will normally complete the degree within four years, including summers. Students must complete the degree within five years from initial date of enrollment, unless approved by the Associate Dean of Graduate and Continuing Education because of special circumstances.

Leave of Absence
A student may request a leave of absence, and permission to join a subsequent cohort. These requests must be made in writing using the Withdrawal/Leave of Absence form and signed by the student. The Associate Dean of Graduate and Continuing Education reviews requests.

Progress
A student is expected to make consistent progress towards the degree and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two terms or receive an approved leave of absence, a space in the program will not be maintained, and the student must reapply.

Deferral Policy
After admission to an M.S.Ed. program, a student must begin coursework within three terms, or the student will be considered inactive. An inactive student must complete a readmission application if s/he would like to be considered for readmission.

Withdrawal from Program
A student who voluntarily withdraws from the program after beginning coursework may submit a readmission application to be considered again.

Commencement
A master’s degree candidate may participate in the commencement ceremony only if he or she has applied for graduation and been certified to participate by Merrill Center Student Services. Where 3-6 credits remain and completion will be in the summer immediately following commencement, students may participate in commencement. However, the diploma will not be released until after the receipt of the final grades at the end of August. All special circumstances must be approved in advance by the Associate Dean of Graduate and Continuing Education.
MSEd in Mathematics Education Required Course Descriptions

**EDU 582 Research Methods in Education**  
**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Fall

This course is designed to introduce educators to different methodological frameworks in educational research and become more familiar with a range of research designs and practices. Participants will select an area of inquiry and begin an in-depth analysis of the research on this topic.

**EDU 586 or 5AA Capstone Research Course**  
**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Spring

This course is designed as a capstone experience. Students will conduct a research project that will solidify and extend the researcher’s working understanding of the principles of research design, implementation, and analysis. Further, this course is a forum for analysis and reflection on the theoretical and experiential knowledge gained through the research process to generate an informed, multi-faceted perspective on the practice of education.

**EDU 524 Advanced Math Methods (for K-8)**  
**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Fall

This course is designed for elementary teachers who wish to increase both their math content knowledge and the methods they use to teach math content. Participants will increase their content knowledge in the mathematics they teach; increase their understanding of how children learn mathematics; increase their understanding of themselves as mathematicians; increase their confidence as math teachers; increase their familiarity with the variety of math resources and materials available; increase their knowledge of the national math standards as well as the current research on math education; increase their ability to create a constructivist mathematics curriculum.

**EDU 561 Methods for Middle/Secondary Mathematics Education**  
**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Fall

This course is designed for middle and secondary teachers who wish to increase their knowledge of methods to teach math content. Participants will increase their understanding of how their students learn mathematics; increase their understanding of intervention techniques; increase their confidence as math teachers; increase their familiarity with the variety of math resources and materials available;
increase their knowledge of the national math standards as well as the current research on math education; increase their ability to create a constructivist mathematics curriculum.

EDU 529 Mathematics Leadership in Pre-K-12 settings: Understanding and Implementing Maine’s State Standards  
Number of Credit Hours: 3  
Corequisite: EDU 5XX  
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
Term: Fall  
The content of this course is specific to the skills and concepts needed as an emergent mathematics teacher leader/coach/specialist. The focus of this course will be:

- An in-depth study of standards-based mathematics curriculum; its history and evolution; the structure and derivation of the Maine state standards for Mathematics; and the nature of assessment within a standards-based system.
- A research project that will examine the history and evolution of the standards-based mathematics movement.
- Development of a grade-span differentiation, curriculum document and a standards-based mathematics unit.
- A culminating portfolio will show evidence of the student’s ability to use the learning in a professional development capacity as a mathematics leader. This portfolio will be developed through the certificate program and serve as a ‘Math Toolkit for graduates.

EDU 5XX: Implementing Mathematics Leadership in the Field  
Number of Credit Hours: 1  
Co-Requisite: EDU 529  
Term: Fall  
This one-credit course will be taken in conjunction with EDU 529 Mathematics Leadership in Pre-K-12 settings: Understanding and Implementing Maine’s State Standards. Participants will work in their classroom or school to implement the theories they are learning about in their graduate classes. Students will be visited by a field supervisor multiple times over the course of the semester. Prior to these observations, participants will meet with the supervisor to identify specific areas they are working on, related to mathematics leadership. After the observation, the field supervisor and student will reflect on the observation and make plans for next steps. Students in this course will also participate in an online professional learning community with opportunities to discuss and reflect on their work as mathematics leaders and to share responses to shared readings.

EMA 500 Number, Operations, Algebra, & Functions PK-12  
Number of Credit Hours: 3  
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education  
Term: Fall  
The course is designed for M.S.Ed students seeking an emphasis in mathematics education. It prepares students for attaining expertise and demonstrating leadership regarding how children develop number, operations, algebra, and functions concepts and the corresponding instructional and assessment practices that facilitate this development. Students will learn about: numbers and number systems as they occur in school mathematics; the four operations; patterns, functions, and change; and how to model mathematical situations. Students will participate in small-group and individual activities which may include, but are not limited to: electronic discussions, research papers, problem sets, and exams to demonstrate their understanding of course content.
EMA 501 Geometry & Measurement PK-12
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education
Term: Spring
The course is designed for M.S.Ed students seeking an emphasis in mathematics education. It prepares students for attaining expertise and demonstrating leadership regarding how children develop geometry and measurement concepts and the corresponding instructional and assessment practices that facilitate this development. Students will learn postulates, theorems, proofs, and axiomatic ways of understanding geometry and measurement. Students will participate in small-group and individual activities which may include, but are not limited to: electronic discussions, research papers, problem sets, and exams to demonstrate their understanding of course content.

EMA 502 Data Analysis, Statistics, & Probability PK-12
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education
Term: Summer
The course is designed for M.S.Ed students seeking an emphasis in mathematics education. It prepares students for attaining expertise and demonstrating leadership regarding how children develop data analysis, probability, and statistics concepts and the corresponding instructional and assessment practices that facilitate this development. Topics studied will include the exploration of randomness, data representation, modeling. Descriptive statistics will include measures of central tendency, dispersion, distributions, and regression. The analysis of experiments requiring hypothesizing, experimental design and data gathering will also be discussed. Students will participate in small-group and individual activities which may include, but are not limited to: electronic discussions, research papers, problem sets, and exams to demonstrate their understanding of course content.

EDU 532 Mathematics Leadership K-12 Education
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education
Term: Summer
This course offers an introduction to the principles and types of mathematics leadership in educational settings. Students will examine literature related to mathematics leadership with particular attention to the different roles mathematics teacher leaders may play in the classroom, schools, districts and beyond. Participants will use this knowledge to critically examine their own leadership practices and roles. Focus will be given to developing a shared vision of mathematics teacher-leadership

EDU 525 Developing Formative Assessment Practices in the Mathematics Classroom
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program, or permission of Associate Dean for Graduate and Continuing Education
Term: Summer
This course will examine principles and aspects of formative assessment with a focus on establishing conceptual based mathematics learning targets, gathering and analyzing evidence of students’ thinking related to the learning target, providing feedback to students and deeply involving students in processes that will help them move their own learning forward. Research review, discussions, in-class exercises, practical experiences and action research on the integration of these formative assessment aspects within mathematics instruction will be an integral part of this course.
EDU 594 Designing a Math Coaching Practice
Number of Credit Hours: 3
Corequisite: EDU 5ZZ
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program with choice of Coaching Track, or permission of Associate Dean for Graduate and Continuing Education
Term: Spring
This course offers an introduction to the theory and practice of mathematics coaching. Students will examine the literature related to mathematics coaching with particular attention to the different models employed by school districts and the efficacy of coaching. Focus will also be given to developing a shared vision of quality instruction in school mathematics.

EDU 5ZZ: Implementing Mathematics Coaching in the Field 1
Number of Credit Hours: 3
Co-Requisites: EDU 594
Term: Spring
This one-credit course will be taken in conjunction with EDU 594 Designing a Math Coaching Practice. Participants will work in their classroom or school to implement the theories they are learning about in their graduate classes. Students will be visited by a field supervisor multiple times over the course of the semester. Prior to these observations, participants will meet with the supervisor to identify specific areas they are working on, related to mathematics leadership. After the observation, the field supervisor and student will reflect on the observation and make plans for next steps. Students in this course will also participate in an online professional learning community with opportunities to discuss and reflect on their work as mathematics leaders and to share responses to shared readings.

EDU 596 Refining a Math Coaching Practice
Number of Credit Hours: 3
Corequisite: EDU 5VV
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program with choice of Coaching Track, or permission of Associate Dean for Graduate and Continuing Education, EDU 594
Term: Spring
In this course, students will examine research related to high-quality professional learning experiences. They will use this information to design a professional development opportunity for teachers and will consider ways to analyze the effect of their work on teaching practice. Participants will also examine resources that can support their work as an emerging mathematics leader. Focus will remain on the use of research-based mathematics teaching practices and engagement with mathematical knowledge for teaching will continue to be central to the course design.

EDU 5VV: Implementing Mathematics Coaching in the Field 2
Number of Credit Hours: 3
Co-Prerequisites: EDU 596
Term: Spring
This one-credit course will be taken in conjunction with EDU 596 Refining a Math Coaching Practice. Participants will work in their classroom or school to implement the theories they are learning about in their graduate classes. Students will be visited by a field supervisor multiple times over the course of the semester. Prior to these observations, participants will meet with the supervisor to identify specific areas they are working on, related to mathematics leadership. After the observation, the field supervisor and student will reflect on the observation and make plans for next steps. Students in this course will also participate in an online professional learning community with opportunities to discuss and reflect on their work as mathematics leaders and to share responses to shared readings.
EDU 527 Using Data for Teaching and Learning in Support of All Students in Mathematics
Number of Credit Hours: 3
Corequisite: EDU 5UU
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program with choice of Intervention Track and completion of EDU 524 or EDU 561, or permission of Associate Dean for Graduate and Continuing Education
Term: Spring
The student will evaluate, analyze, and select universal screeners and curriculum-based measures (CBMs) to assess student performance in mathematics, and research-based intervention practices. They will use assessment tools in mathematics to identify and analyze achievement gaps, to monitor student growth, and to implement research-based intervention practices. Through case studies, participants will critically examine and develop action plans for students. Data will be used to initiate conversations regarding access and equity to high quality instruction for all students.

EDU 5UU: Implementing Mathematics Intervention in the Field 1
Number of Credit Hours: 1
Co-Requisites: EDU 527
Term: Spring
This one-credit course will be taken in conjunction with EDU 527 Using Data for Teaching and Learning in Support of All Students in Mathematics. Participants will work in their classroom or school to implement the theories they are learning about in their graduate classes. Students will be visited by a field supervisor multiple times over the course of the semester. Prior to these observations, participants will meet with the supervisor to identify specific areas they are working on, related to mathematics leadership. After the observation, the field supervisor and student will reflect on the observation and make plans for next steps. Students in this course will also participate in an online professional learning community with opportunities to discuss and reflect on their work as mathematics leaders and to share responses to shared readings.

EDU 528 Leading the RTI Process in Mathematics
Number of Credit Hours: 3 This course will have a co-requisite field experience.
Corequisite: EDU 5WW
Prerequisites: Accepted in M.S.Ed. in Mathematics Education program with choice of Intervention Track, or permission of Associate Dean for Graduate and Continuing Education, EDU 527
Term: Spring
Participants will apply what they have learned from the previous course. They will work in their own school or school district to move mathematics RTI planning and the implementation process to the next step. Participants will analyze research on effective math instruction and assessment practices; reflect on their local practices; create plans for improvement; and gather data to inform further action. The coursework will also explore leadership theory, the role of strategic planning, the change process, and strategies needed to develop, implement, successfully maintain and update an effective research based RTI plan.

EDU 5WW: Implementing Mathematics Intervention in the Field 2
Number of Credit Hours: 3
Co-requisites: EDU 528
Term: Spring
This one-credit course will be taken in conjunction with EDU 528 Leading the RTI Process in Mathematics. Participants will work in their classroom or school to implement the theories they are learning about in their graduate classes. Students will be visited by a field supervisor multiple times over the course of the semester. Prior to these observations, participants will meet with the supervisor to identify specific areas they are working on, related to mathematics leadership. After the observation, the field supervisor and student will reflect on the observation and make plans for next steps. Students
in this course will also participate in an online professional learning community with opportunities to
discuss and reflect on their work as mathematics leaders and to share responses to shared readings.

**EDU 5YY Student teaching**

**Number of Credit Hours:** 6  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program in the Initial Licensure Track, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Spring  
Student teachers participate in a variety of supervised experiences in a school to enable them to synthesize educational theory and academic knowledge in secondary classrooms. Following a school's schedule and working with classroom teachers, their students and other school personnel, student teachers increase their responsibilities over time. The target is to assume a full teaching load including all of the non-teaching duties. Students participate in a seminar during their student teaching experience.

**SED 561 Teaching Individuals with Exceptionalities in the General 7-12 Classroom**

**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program in the Initial Licensure Track, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Spring  
This course is designed to help general education teachers realize the connections between a theoretical understanding of the nature and needs of diverse learners (mostly those with disabilities but including those from multicultural backgrounds, those at risk for school failure and those who are gifted and talented), and the practical collaborative practices, instructional methods and classroom behavior management strategies employed by teachers to ensure these students achieve their fullest academic and social potential. Participants will have the opportunity at advanced levels to address The Maine Standards for Beginning Teachers, and CEC Standards and ITASC Principles for Special Education. It meets 7-12 certifications requirements in the state of Maine. This course is specifically designed to meet MDOE’s requirement for “Teaching Exceptional Students in the Regular Classroom” as part of a regular classroom teaching certificate. Special Education teachers or those seeking Special Education certification should not enroll in this course.

**EDU 531 Mathematics Pedagogical Knowledge: Effective Instructional Practices for Teaching Maine’s State Standards**

**Number of Credit Hours:** 3  
**Prerequisites:** Accepted in M.S.Ed. in Mathematics Education program in the Initial Licensure Track, or permission of Associate Dean for Graduate and Continuing Education  
**Term:** Summer  
The content of this course is specific to the skills and concepts needed to produce effective mathematics instruction. The focus of this course will be:  
- Mathematics pedagogical knowledge needed for effective mathematics instruction.  
- Identification of mathematics resources needed for effective mathematics instruction.  
- The ability to critique classroom instruction for effectiveness.  
- The development of mathematics units.
Graduate Certificate Program Policies and Procedures

Purpose
A UMF graduate certificate program is a series of related courses designed to provide participants with a concentrated, cohesive area of study. Successful completion should help participants achieve specific learning objectives and competencies in a defined field of study.

Enrollment Requirements
In most cases, Individuals interested in a UMF graduate certificate program in education must meet the following criteria:

- Completion of a bachelor's degree from an accredited institution of higher education;
- Applicants must have at least two (2) years of teaching experience for the Certificate in Administration.

Enrollment in a Certificate Program requires:
- Completion of the Intent to Participate Form and
- Enrollment in an applicable Certificate Program course. Some Certificate Programs require the sequencing of courses; in such instances, participants will be required to take the courses in the specified sequence.

Completion of a Graduate Certificate Program does not guarantee admission into any of UMF master's degree program.

Certificate Withdrawal for non-enrollment
A student is expected to make consistent progress towards the certificate and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two consecutive terms when an appropriate course is offered, a space in the program will not be maintained, and the student will be withdrawn from the certificate program. The student may request re-activation by completing the Intent to Participate form.

Course Credit Requirements
Most graduate teacher education certificate programs at UMF require a minimum of twelve and a maximum of fifteen credit hours for completion. All courses for a specific teacher education graduate certificate must be taken through UMF; no credits can be satisfied through transfer of credits or through testing, life experience or previous work experience. (Exceptions can be made at the discretion of the Associate Provost and Dean of the College of Education, Health, and Rehabilitation.)

Grading and Transcripts
No graduate course within the certificate program can be taken for Pass/Fail, and satisfactory completion of a specific certificate program requires a cumulative GPA of 3.0 for courses within the certificate program, with no more than one C (2.00). A grade of C- is not acceptable; if a C- or below is earned in a course, the participant will be required to retake the course to raise the grade or be dropped from that specific certificate program.

Even though certificate programs are not degree bearing, they will be designated on a student’s official transcript. Grades for each course taken as part of a certificate program will appear on a student’s transcript. When the total certificate coursework is completed, the certificate title and date of award will be indicated on the student’s transcript, as well.
**Course Sequencing and Certificate Completion**

The cluster of courses required for a graduate certificate program must be completed within a specified time period, based upon the number of courses within the certificate program, typically no more than three years. Students are encouraged to enroll in courses within a certificate program in consecutive semesters, since many certificate programs will require a sequencing of courses, and UMF reserves the right to cancel courses and certificate programs at any time due to low enrollments or other conditions affecting enrollment or instruction.

Upon enrollment in the first course of a certificate program, participants will be requested to complete a form indicating their intent to participate in the full certificate program. That commitment will be used to determine the date/semester that an individual enters the certificate program.

**Relationship to UMF’s Master’s Degree Programs**

A student who wishes to also seek admission to one of UMF’s M.S.Ed programs simultaneously or at a later date must file an application for admission to the degree program and pay applicable fees. Completion of a graduate certificate program does not guarantee admission into any UMF master’s degree program. Courses taken as part of a Certificate Program may be accepted for transfer to the degree, and would be reviewed by the admissions committee at the time of application.

**Financial Aid and Student Financial Accounts**

Students in certificate programs are not eligible for financial aid unless they are simultaneously accepted and enrolled in a degree program.

**Certificate Programs Available During the 2021-2022 Academic Year**

Please note that completion of a Certificate Program is not the same as Maine teacher certification, please consult the Maine Department of Education for questions relating to state licensure.

**Certificate in Administration**

The Certificate in Administration is designed for practicing educators interested in pursuing opportunities in school administration. Two years of teaching experience is required to enroll in this certificate program. Completion of this certificate requires the following four (4) UMF courses:

- EDU 550 School Law for Administrators
- EDU 551 Changing Educational Organizations in a Diverse World
- EDU 552 Supervision and Evaluation of School Personnel
- EDU 553 Finance for School Administrators

Participants in the Certificate in Administration may also elect to enroll in the following courses in order to fulfill the coursework for additional certification requirements:

- SED 518 Special Education Law
- EDU 554 Internship in School Leadership

**Certificate in Assistive Technology**

The certificate in Assistive Technology (AT) prepares a broad range of professionals who can assess, design, research, and implement Assistive Technology (AT). Those completing the certificate will be prepared to support the inclusion of individuals with disabilities in both school and community settings by utilizing assistive technology to increase independence and eliminate or mitigate barriers. Courses are chosen in consultation with your academic advisor to ensure professional goals are reached and
that sufficient preparation is undertaken for those seeking national certification. Completion of this certificate requires the following five (5) UMF courses:

- SED 519 Assistive Technology
- SED 571 Software and Mobile Technologies for Individuals with Disabilities
- SED 572 Designing Adapted Environments
- SED 573 Alternative Communication
- SED 574 Assistive Technology for Transition and Employment

Certificate in English Language Learning
The English Language Learning (ELL) Graduate Certificate is designed for practicing teachers interested in working with students who are unable to communicate fluently or learn effectively in English, who often come from non-English-speaking homes and backgrounds, and who typically require specialized or modified instruction in both the English language and in their academic courses. Completion of this certificate requires the following five (5) UMF courses:

- EDU 502 Second Language Acquisition
- EDU 503 Culturally Responsive English Language Learner Pedagogy
- EDU 504 English Language Learners: Equity, Inclusion, and Family Engagement
- EDU 505 Curriculum, Instruction, and Assessment for ELLs
- EDU 511 Evidence and Inquiry Based Strategies for Working with ELLs

Certificate in Gifted and Talented Education
The Certificate in Gifted and Talented Education is designed for practicing educators interested in pursuing opportunities in teaching gifted and talented students. Completion of this certificate requires the following four (4) UMF courses:

- SED 530 Identifying and Educating Learners Who are Gifted
- SED 531 Curriculum and Instruction for Learners Who are Gifted
- SED 532 Developing and Implementing Programs for the Gifted Learner
- SED 533 Teaching Critical & Creative Thinking in Gifted Programs & Classroom Settings

Certificate in Math Coaching K-8
The Certificate in Math Coaching is designed for practicing educators interested in pursuing opportunities in Math Coaching. This certificate option is currently only available to coaching candidates accepted to the Maine Mathematics Coaching Project. Completion of this certificate requires the following four (4) UMF courses:

- EDU 594 Designing a K-8 Math Coaching Practice
- EDU 595 Implementing a K-8 Math Coaching Practice
- EDU 596 Refining a K-8 Math Coaching Practice
- EDU 525 Developing Formative Assessment Practices in the Mathematics Classroom

Certificate in Math Coaching 7-12
The Certificate in Math Coaching is designed for practicing educators interested in pursuing opportunities in Math Coaching. This certificate option is currently only available to coaching candidates accepted to the Maine Mathematics Coaching Project. Completion of this certificate requires the following four (4) UMF courses:

- EDU 565 Design and Implement a Secondary Math Coaching Practice, Part I
- EDU 566 Design and Implement a Secondary Math Coaching Practice, Part II
- EDU 567 Implementing and Refining a Secondary Math Coaching Practice
- EDU 525 Developing Formative Assessment Practices in the Mathematics Classroom
Certificate in Math Intervention Specialist
The Math Intervention Specialist certificate program will prepare K-12 teachers to identify students who need assistance in mathematics and to address the needs of these students through assessment-informed and focused interventions. Completion of this Certificate requires four (4) UMF courses:

- EDU 524 Advanced Math Methods (for K-8) OR EDU 561 Methods for Middle/Secondary Mathematics Education (for 7-12)
- EDU 526 Assessment Course & Research-based Intervention Practices
- EDU 527 Using Data for Teaching and Learning in Support of All Students in Mathematics
- EDU 528 Leading the RTI Process in Mathematics

Certificate in Math Leadership
The Certificate in Math Leadership is designed for practicing educators interested in pursuing opportunities in Math Leadership. Completion of this certificate requires the following four (4) UMF courses:

- EDU 529 Mathematics Leadership in K-12 Settings: Understanding and Implementing Maine’s State Standards
- EDU 530 Mathematics Leadership in K-12 settings: The Mathematics Content for Standards-Based Instruction
- EDU 531 Mathematics Pedagogical Knowledge: Effective Instructional Practices for Teaching Maine’s State Standards
- EDU 532 Mathematics Leadership K-12: Leadership in Mathematics Education

Certificate in Special Education Administration
The Certificate in Special Education Administration is designed for practicing educators interested in pursuing opportunities as a special education administrator. Completion of this certificate requires the following five (5) UMF courses:

- EDU 550 School Law for Administrators
- EDU 551 Changing Educational Organizations in a Diverse World
- EDU 552 Supervision and Evaluation of School Personnel
- EDU 553 Finance for School Administrators
- SED 598 Inclusive Education Reform: a Social Justice Approach to School and Systemwide Reform

Participants in the Certificate in Special Education Administration may also elect to enroll in the following courses in order to fulfill the coursework for additional certification requirements:

- SED 518 Special Education Law
- EDU 554 Internship in School Leadership

Certificate in Special Education: Elementary
The Certificate in Special Education program is designed to assist educators in meeting professional goals. The courses included in the certificate provide educators with a range of essential knowledge and skills to support students with disabilities in a variety of settings, and for professionals in a variety of roles. Completion of this certificate requires four (4) UMF courses:

- SED 506 Assessment in Special Education
- SED 507 Curriculum and Instructional Programming for Students With Disabilities
- SED 518 Special Education Law

and one of the following courses
Certificate in Special Education: Secondary
The Certificate in Special Education program is designed to assist educators in meeting professional goals. The courses included in the certificate provide educators with a range of essential knowledge and skills to support students with disabilities in a variety of settings, and for professionals in a variety of roles. Completion of this certificate requires five (5) UMF courses:

- SED 503 Preparing Students for the Future: Transition Programming, Self-determination and Advocacy
- SED 506 Assessment in Special Education
- SED 507 Curriculum and Instructional Programming for Students With Disabilities
- SED 518 Special Education Law

and one of the following courses
- SED 508 Classroom and Behavior Management of Students with Disabilities
- SED 529 Individualized Positive Behavior Supports

Certificate in Systems of Student Support
The Certificate in Systems of Student Support is designed to provide educational leaders with the opportunity to develop knowledge, skills, and competencies that can prepare them to assume leadership roles in the development and implementation of student support services and related programming in their schools and districts. Completion of this certificate requires four (4) UMF courses:

- EDU 506 Poverty in Education
- EDU 519 Risk and Resilience in Educational Settings
- EDU 579 Implementing Systems of Student Support

and one of the following:
- ECH 533 Advanced Foundations of Child Development (requires permission from ECH)
- EDU 503 Culturally Responsive English Language Learner Pedagogy
- EDU 504 English Language Learners: Equity, Inclusion, and Family Engagement
- EDU 521 Fostering Effective Learner Dispositions
- EDU 526 Assessment Course & Research-based Intervention Practices
- EDU 533 Mindfulness
- SED 529 Individualized Positive Behavior Supports
- SED 514 Literacy Development for All Students
- SED 530 Identifying and Educating Learners Who are Gifted
- SED 598 Inclusive Education Reform: a Social Justice Approach to School and Systemwide Reform
Maine Mathematics Coaching Program

Purpose
The Maine Mathematics Coaching Project (MMCP) has been designed to support districts and educators seeking to improve the quality of teaching and learning in mathematics. The program has three primary goals:

- Prepare Maine students to meet career and college mathematics demands;
- Provide teachers in the state of Maine with high quality mathematics professional development; and
- Increase interest, engagement, and self-efficacy in mathematics for students and teachers.

This unique program blends credit-bearing courses and in-district coaching. Candidates should indicate whether they plan to enroll in the K-8 program or the 7-12 program at the time of application.

Participation
School Districts or individuals interested in participating in any part of the programming offered in the MMCP should contact the Director of Educational Outreach for consultation.

Course Credit Requirements
The credit-bearing portion of MMCP requires nine credit hours for completion. All courses for MMCP must be taken through UMF; no credits can be satisfied through transfer of credits or through testing, life experience or previous work experience.

Completion of the K-8 track requires the following three (3) courses:
- EDU 594 Designing a K-8 Math Coaching Practice
- EDU 595 Implementing a K-8 Math Coaching Practice
- EDU 596 Refining a K-8 Math Coaching Practice

Completion of the 7-12 track requires the following three (3) courses:
- EDU 565 Design and Implement a Secondary Math Coaching Practice, Part I
- EDU 566 Design and Implement a Secondary Math Coaching Practice, Part II
- EDU 567 Implementing and Refining a Secondary Math Coaching Practice

Academic Standing
No graduate course within MMCP can be taken for Pass/Fail, and satisfactory completion of the MMCP program requires a cumulative GPA of 3.0 for courses within the program, with no more than one C (2.00). A grade of C- is not acceptable; if a C- or below is earned in a course, the participant will be required to retake the course to raise the grade or be dropped from MMCP. Even though MMCP is not degree bearing, grades for each course taken as part of MMCP will appear on a student's transcript.

MMCP Review and Cancellation
MMCP was developed to meet emerging needs in preK-12 and other educational settings. MMCP will be reviewed by the UMF Graduate Council every five years to determine continued relevancy, and decisions to eliminate MMCP is at the discretion of the Graduate Council. UMF reserves the right to cancel courses and programs at any time due to low enrollments or other conditions affecting enrollment and instruction.
Relationship to UMF’s Master’s Degree Programs
A MMCP Coaching Candidate who has been accepted to participate in MMCP may indicate a preference to join the next available cohort for the M.S.Ed. in Educational Leadership. To do so, the MMCP Coaching Candidate should indicate this preference to the Director of Educational Outreach who will provide the student with a MMCP Intent to Matriculate Form.

Financial Aid and Student Financial Accounts
Students in MMCP are not eligible for financial aid unless they are simultaneously accepted and enrolled into a degree program.

Coaching Candidate Withdrawal
The district may appeal for a financial adjustment or the enrollment of another coaching candidate. The designated university official will make a decision regarding the appeal based on the documentation and/or conditions presented.

Other MMCP Policies
It is the responsibility of all students participating in MMCP to become familiar with all academic and university policies that apply to these programs as outlined in the Graduate Catalog.
Graduate Course Offerings

ECH 500 Early Childhood Education in Today's World
Number of Credit Hours: 3
Prerequisites: Baccalaureate degree in early childhood or a related field. Enrollment in UMF M.S.Ed. Early Childhood Program or Permission of Instructor.
Term: May
Participants in this course will investigate the current field of inclusive early childhood care and education from the perspectives of leadership, advocacy, policy and research. This course serves as a foundation for the M.S.Ed. Program, as students develop goals for their professional growth. Using a socio-ecological model, the contexts of the environments that surround childhood in the 21st century will be identified and explored. Students will explore current issues in early childhood by reading and understanding research on a selected topic in early childhood.

ECH 501 The Reggio Emilia Approach and the Emergent Curriculum
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree
Term: Varies
This course introduces students to the Reggio Emilia approach and the use of the emergent curriculum in early childhood education. The course begins with an overview of the history and development of the Reggio Emilia approach and moves to the pedagogical dimensions and features of the emergent curriculum as practiced in this curriculum model. The methodology of project work is extensively explored over the course. Students are expected to construct an understanding of how to develop an emergent curriculum based upon children's interests and needs. The concept of pedagogical documentation is debased and used to support curriculum planning and children's assessment.

ECH 502 Diverse Programming in Early Learning Environments
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
This course develops a transformative approach for incorporating diversity and multiculturalism into the classroom with an emphasis on curriculum-building. Students will examine patterns of increasing diversity and how diversity impacts the classroom. The course presents diversity as a caregiving and teaching strategy for the children and their families. Students will emerge with a deeper understanding of multiculturalism and its meaningful inclusion into their lesson plans. This course may fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.

ECH 504 Early Childhood Policy and Research
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
Participants in this course will investigate the current field of early childhood care and education from the perspectives of leadership, advocacy, policy and research. An analysis of the influence and impact of national, state and local politics on early childhood policy will include an examination of involved stakeholders, both external and internal to government entities. Students will explore current issues in early childhood policy and research by reading and understanding research on selected current topics in early childhood. Students may opt to complete a mini-internship in a policy research institute or project.
ECH 505 Mathematics in the Early Childhood Years  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor  
**Term:** Varies  
This course will concentrate on the development of mathematical concepts in young children ages B-8 in naturalistic, informal, and formal settings. Using a constructivist theoretical approach, the course will embed and integrate early math development across curriculum areas and throughout the daily environments of young children. Current research and national and state mathematics standards on early mathematics will be linked to philosophy and practice. This course will fulfill the required math content area for the Maine state Birth-5 081 teaching certificate.

ECH 506 Language and Literacy in the Early Years  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate degree in early childhood or a related field. Enrollment in UMF M.S.Ed. Early Childhood Program or Permission of Instructor  
**Term:** Summer  
This course will concentrate on the development of literacy concepts in young children ages B-8 in informal and formal settings. Using a constructivist theoretical approach, the course will embed and integrate early literacy development across curriculum areas and throughout the daily environments of young children. Current research and national and state literacy standards on early literacy will be linked to philosophy and practice. This course fulfills 3 of the 6 credit requirements towards the language, literacy, and literature content area for the Maine state Birth-5 081 teaching certificate.

ECH 507 Advanced Infant and Toddler Development and Curriculum  
**Credit Hours:** 3  
**Prerequisites:** (All students must hold a Bachelor’s Degree.) Accepted in M.S.Ed. in Early Childhood program, or permission of program Director  
**Term:** Varies  
This course will examine the physical, socio-emotional, cognitive, linguistic, and behavioral development of infants and toddlers. The importance of early relationships and attachment with mothers, fathers and other primary caregivers will be explored. State and national standards for infant/toddler caregiving environments, observation, curriculum, and assessment will be reviewed and utilized. A focus of this course will be considering strategies for developing collaborative relationships with parents and creating programs for young infants and toddlers that support parent partnerships, culturally competent caregiving, and developmentally supportive environments. This course has been approved to be used to apply for the State of Maine’s 081 Birth-Five Early Childhood Endorsement.

ECH 533 Advanced Foundations of Child Development  
**Number of Credit Hours:** 3  
**Prerequisites:** Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
**Term:** Varies  
This course is an examination of the historical, philosophical, and theoretical basis of inclusive early childhood education today. The class traces the history and philosophy of education in early childhood and how they impact education practice. Social, economic and political forces will be analyzed within the context of shaping early childhood education. The course examines children’s behavior and learning within education contexts, with particular emphasis on inclusive environments. This course will fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.
ECH 534 Advanced Program Administration and Leadership  
Number of Credit Hours: 3  
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
Term: Varies  
Participants in this course will investigate the current field of early childhood care and education from the perspectives of leadership, advocacy, policy, and research within inclusive settings. Students will compare and contrast leadership models and styles, while delineating the differing roles and ethical responsibilities of leaders and managers. Building on their professional experiences in the field and previous coursework in program administration, this course will help students examine major components of administration including supervision and professional development of staff, relationships with families and the community, advocacy for the program and the field, professional accreditation, and applying research findings in the field.

ECH 535 Play and the Social World of the Child  
Number of Credit Hours: 3  
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
Term: Varies  
In this course, students examine how children form and maintain relationships with others, including the family, peers, early childhood educators, and the community. Issues involving support systems for inclusive education settings will be investigated. The implications of these relationships for children’s development are investigated, as is the critical role of play in promoting positive connections with individuals and groups in the child’s world.

ECH 537 Science in the Early Childhood Years  
Number of Credit Hours: 3  
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor  
Term: Varies  
This course addresses the development of inquiry-based science curriculum in the early childhood setting. Rooted in constructivist approaches, it incorporates topics of scientific literacy, conceptual development, content areas, current research and curriculum development, implementation and evaluation. Sources of curriculum in science for young children are explored (e.g., standards content, children’s knowledge and concepts, flora and fauna of the immediate environment, etc.) are explored, teaching/learning strategies examined and scientific outcomes assessed. This course will fulfill the science content area for the Maine state Birth-5 081 teaching certificate.

ECH 538 Collaboration with Families and Communities  
Number of Credit Hours: 3  
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor  
Term: Varies  
The course presents strategies for educators to develop supportive family and community relationships. The multiple roles played by early educators are examined as they design and implement collaborative relationships with families and communities for the purpose of mutual support within inclusive settings. The course critically analyzes theoretical paradigms and current research, with a particular focus on the ecological system from the most immediate environments inhabited by the child to the most distant (i.e. federal agencies, belief systems). This course will fulfill a course towards attainment of the Maine state Birth-5 081 teaching certificate.

ECH 539 Curriculum Development and Assessment
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or Permission of Instructor
Term: Varies
This course focuses on building collaborative and integrative curricula that utilizes assessment for best teaching practices. The emphasis will be child-centered and include the use of inclusive classroom adaptations. Students will focus on assessing outcomes and learning goals, as well as articulating developmentally appropriate alignment with school (K-3) outcomes and goals. The role of inquiry to practice and viewing reflective inquiry as a critical part of curriculum building will be emphasized.

ECH 540 Research Methods in Early Childhood
Number of Credit Hours: 3
Prerequisites: Enrollment in UMF’s M.S.Ed. in Early Childhood; ECH 500; and an additional 15 credits of graduate level ECH coursework at UMF, or permission of instructor
Term: Varies
In this course, students examine research methodologies used in inclusive early childhood settings. Students will investigate and interpret the methods used in existing empirical literature, and will investigate and practice various qualitative and quantitative techniques. The use of ethics in conducting research on young children, their families, and their learning environments is emphasized.

ECH 541 Field-Based Research
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, ECH 500 Early Childhood Education in Today's World, and ECH 540 Research Methods in Early Childhood
Term: Varies
This course is the capstone of the M.S.Ed. Early Childhood Program. Students will complete a field-based, original research project, utilizing a research design that will draw on the student’s background knowledge from ECH 540. Analysis and reflection on the research process with an emphasis on interpretation and practical application of research to practice will be central to the course.

ECH 577 Special Topics in Early Childhood Education
Number of Credit Hours: 3
Prerequisites: Baccalaureate Degree in early childhood or a related field; Enrollment in UMF M.S.Ed. Early Childhood Program, or permission of instructor
Term: Varies
This course provides students with the opportunity to cover specialized topics, not included in regular course offerings, in the fields of child development and early childhood education. May be repeated for credit when the topic differs.

EDU 502 Second Language Acquisition
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course examines second language acquisition (SLA) theories and research as they apply to English Language Learner (ELL) teaching and learning. Key questions include: What is language? How are first and second languages learned? What are SLA theories and how do they compare to first language acquisition (FLA) theories? What are various disciplinary approaches to SLA research? What are key trends and findings in SLA research? How are SLA theories and research applicable to ELL materials, methods and practices?
EDU 503 Culturally Responsive Pedagogy and English Language Learners
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course is designed with the premise that English Language Learners function in more than one language and more than one culture; these experiences influence and impact their learning in the classroom. Students will investigate the value of understanding the backgrounds of English Language Learners and work to create a learning environment that supports learning in a second language and culture while fostering a respect for other languages and cultures.

EDU 504 English Language Learners: Equity, Inclusion, and Family Engagement
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course will help participants understand the importance of equity, inclusion, and advocacy while fostering culturally and linguistically diverse (CLD) family engagement. Students will identify how culture, cultural diversity, and cultural sensitivity apply to working with ELLs, their families, and their communities.

EDU 505 Curriculum, Instruction, and Assessment for ELLs
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course fosters course participants’ abilities to modify and adapt learning environments that support the diversity of linguistic, cultural, and social experiences that all students bring to the classroom. Through the examination of various ELL curricula, materials, strategies, and assessments participants will look at language literacy skills, curriculum adaptation for language minorities, and design appropriate assessments connected to learning objectives for ELLs within the curriculum. Participants will develop a pedagogical understanding that effectively connects culturally situated knowledge to equitable learning experiences.

EDU 506 Poverty and Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
The influence of income on the well-being of children, youth, and families is pervasive and persists throughout the lifespan and across generations. An extensive and interdisciplinary literature has documented the widespread influence of family income on children's cognitive, socioemotional, and physical development, as well as later vocational and educational success. In this course, we will come to understand how poverty impacts education through a systems approach. We will study theoretical perspectives from economics, sociology, psychology, and education for understanding how poverty affects children’s well-being as well as the multiple contexts in which children grow. We will also look at resilience and ways that children can avoid the negative outcomes of living in poverty. This course will pay special attention to rural poverty and how it differs from urban poverty. Application of theory and research to practice will be emphasized throughout this course.

EDU 508 Nature-Based Art Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course will provide teachers and other professionals who work with PreK-12 populations with experiential learning in art education as related to Maine’s unique environment and natural settings. Offered in a hybrid format, participants will have opportunities to engage in art-based experiences in multiple outdoor settings followed by online sessions that encourage reflection, discussion, and application to their own work with children. Participants will explore a variety of media, tools, and techniques (fine and graphic arts); learn about and incorporate elements of art, principles of design, and color theory; and will consider the role of the nature-based art in personal development (“whole" learner) and in developing ecological consciousness. All activities of the course are aligned to Maine’s academic content standards.

EDU 510 Induction and Mentoring
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
The course will focus on induction and mentoring skills aligned with the current teacher certification standards for beginning teachers. Participants will familiarize themselves with Maine’s Chapter 118 and examine the potential application of effective feedback for beginning teachers from a mentor’s viewpoint. Additional topics will include reflective journaling to improve teaching strategies, developing scaffolding skills for the mentor, identifying the needs of beginning teachers, and time management solutions.

EDU 511 Evidence and Inquiry Based Strategies for Working with ELLs
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course is designed to engage teachers of English Language Learners (ELLs) in a practice of critical and reflective inquiry. Course participants will develop an understanding of what constitutes informed, creative and meaningful research inquiries. Finally, students will examine how current second language acquisition and bilingual education research frames effective inclusive instructional practice.

EDU 514 Exploring Maine Through Children’s Literature
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
Using children’s literature as the foundation, PreK-8 educators will develop their understandings of place-based instruction situated within the context of Maine. As educators engage in experiential learning, they will link key scientific concepts to literature; connect with the natural world around them; consider its history and natural resources; and gain an understanding of techniques that can be used to bring learning to the outdoor environment.

EDU 519 Risk and Resilience in Educational Settings
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
Resilience is the ability to “bounce back” in the face of adversity. It is a process (not a product) that can be fostered in children in multiple ways. This course will explore how risk impacts students and their education through a systems approach, as well as how to identify and increase protective factors. It will examine risk and resilience processes during childhood and adolescence and the long term effects of risk on the lifespan. Diverse conceptual, empirical, and applied perspectives from sociology, psychology, and education will be employed to understand how resilience is present in the multiple
contexts of child development. Application of theory and research to practice will be emphasized throughout this course.

**EDU 521 Fostering Effective Learner Dispositions**
**Number of Credit Hours:** 3  
**Prerequisite:** Baccalaureate degree  
**Term:** Varies  
This course is designed to engage participants in learning and critical thinking about theories related to self-regulation and motivation. It draws on literature which emphasizes the interwoven nature of motivation and self-regulation. In the beginning of the course, participants will consider how goals, metacognition, and self-monitoring strategies are related to motivation in the classroom. By the end of the course, participants will apply their theoretical knowledge towards the development of appropriate classroom practices or tools with the goal of increasing self-regulation in students.

**EDU 524 Advanced Math Methods**
**Number of Credit Hours:** 3  
**Prerequisite:** Baccalaureate degree  
**Term:** Varies  
This course is designed for elementary teachers who wish to increase both their math content knowledge and the methods they use to teach math content. Participants will increase their content knowledge in the mathematics they teach; understanding of how children learn mathematics; their understanding of themselves as mathematicians; their confidence as math teachers; familiarity with the variety of math resources and materials available; their knowledge of the national math standards as well as the current research on math education; and their ability to create a constructivist mathematics curriculum.

**EDU 525 Developing Formative Assessment Practices in the Mathematics Classroom**
**Number of Credit Hours:** 3  
**Prerequisite:** Baccalaureate degree  
**Term:** Varies  
The course will examine principles and aspects of formative assessment with a focus on establishing conceptual based mathematics learning targets, gathering and analyzing evidence of students’ thinking related to the learning target, providing feedback to students and deeply involving students in processes that will help them move their own learning forward. Research review, discussions, in-class exercises, practical experiences and action research on the integration of these formative assessment aspects within mathematics instruction will be an integral part of this course.

**EDU 526 Assessment Course & Research-Based Intervention Practices**
**Number of Credit Hours:** 3  
**Prerequisite:** Completion of EDU 524 or EDU 561 or permission from the Office of Graduate Studies  
**Term:** Varies  
The student will evaluate, analyze, and select universal screeners and curriculum-based measures (CBMs) to assess student performance in mathematics, and research-based intervention practices. They will use assessment tools in mathematics to identify and analyze achievement gaps, to monitor student growth, and to implement research-based intervention practices. The students will study the research that continues to emerge effective intervention strategies and the challenges. They will learn about the critical role of professional development to keep abreast of current research.

**EDU 527 Using Data for Teaching/Learning in Support of All Students in Mathematics**
**Number of Credit Hours:** 3  
**Prerequisite:** Completion of EDU 526 or permission from the Office of Graduate Studies
Participants will examine data collection as a catalyst for systematic and continuous improvement in mathematical instruction and student learning. Data analysis will be used to set goals for each student, monitor student progress, and to design appropriate instructional strategies to address students’ learning needs. Through case studies, participants will critically examine and develop action plans for students. Data will be used to initiate conversations regarding access and equity to high quality instruction for all students.

EDU 528 Leading the RTI Process in Mathematics
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
In this fourth course of the Certificate in Math Intervention Specialist, participants will apply what they have learned from the previous courses. They will work in their own school or school district to move mathematics RTI planning and the implementation process to the next step. Participants will analyze research on effective math instruction and assessment practices; reflect on their local practices; create plans for improvement; and gather data to inform further action. The coursework will also explore leadership theory, the role of strategic planning, the change process, and strategies needed to develop, implement, successfully maintain and update an effective research based RTI plan.

EDU 529 Mathematics Leadership in K-12 Settings: Understanding and Implementing Maine’s State Standards
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course is the first of a four-course concentration designed to prepare educators to be leaders and specialists in mathematics education. It is a prerequisite for the other three courses which will focus on content, instruction and supervision. The key content focus of this course is mathematics curriculum & assessment – specifically drawn from Maine’s State Standards for mathematics, the use of tactile and electronic technology, and the design for lessons, units and curriculum documentation. Throughout each content strand there will be a focus on the strategies to create, adopt and execute professional development for teachers of mathematics.

EDU 530 Mathematics Leadership in K-12 Settings: The Mathematics Content for Standards-Based Instruction
Number of Credit Hours: 3
Prerequisite: EDU 529
Term: Varies
The content of this course is specific to the skills and concepts needed as an emergent mathematics leader/specialist/instructor. The focus of this course will be:
- An in-depth study of the Domain Progressions in Maine’s State Standards and the NCTM Standards and Connections in the NCTM Process Standards.
- A research project that will examine the definition of mathematics content knowledge, the mathematics knowledge needed to teach effectively.
- Development of a mathematics unit demonstrating math content, domain progressions and connections between mathematics topics.
- A section of the course series portfolio that will show evidence of the student’s ability to use the learning in a professional development capacity as a mathematics leader.

EDU 531 Mathematics Pedagogical Knowledge: Effective Instructional Practices for Teaching Maine’s State Standards
Number of Credit Hours: 3  
Prerequisite: EDU 530  
Term: Varies  
The content of this course is specific to the skills and concepts needed to produce effective mathematics instruction. The focus of this course will be:

- Mathematics pedagogical knowledge needed for effective mathematics instruction.
- Identification of mathematics resources needed for effective mathematics instruction.
- The ability to critique classroom instruction for effectiveness.
- The development of mathematics units.

EDU 532 Mathematics Leadership K-12  
Number of Credit Hours: 3  
Prerequisite: EDU 531  
Term: Varies  
This is the fourth course in a four-course Certificate in Math Leadership. This course offers an introduction to the principles and types of mathematics leadership in educational settings. Students will examine literature related to mathematics leadership with particular attention to the different roles mathematics teacher leaders may play in the classroom, schools, districts and beyond. Participants will use this knowledge to critically examine their own leadership practices and roles. Focus will be given to developing a shared vision of mathematics teacher-leadership.

EDU 533 Mindfulness  
Number of Credit Hours: 3  
Prerequisite: Baccalaureate degree  
Term: Varies  
This course is designed to introduce future early childhood, special and general educators to the nature of Mindfulness in Education and the importance of teaching Mindfulness strategies to our students. The content of this course will include an overview of the brain, and reactive versus responsive learners. The course will provide an introduction to the nature of neuro-developmental patterns, including sequential movements with regard to importance for foundational learning. Students will gain insight and understanding of the origin of Mindfulness and experience self practices for utilizing mindful strategies in the classroom setting with all students regardless of level of learning in order to assist students and teachers in meeting the rigors of today’s educational benchmarks. Students will explore the importance of the hierarchy of learning and the link between Mindfulness in reducing student anxiety relative to meeting academic demands. Practical, research-based methods in mindfulness will be taught in order to assist teachers in reducing students’ generalized anxiety in education. Teachers will learn how to become more mindful instructors, recognize anxious learners and develop useful strategies for maximum and optimal learning in their students and set up classroom(s) to emphasize a calming learning environment.

EDU 550 School Law for Administrators  
Number of Credit Hours: 3  
Prerequisite: Baccalaureate degree  
Term: Summer  
This course is a survey of the legal bases of public education in the United States and of contemporary legal issues and cases affecting the practice of school administration. Although the primary objective is to acquaint the student with the legal principles governing public education in the nation and the State of Maine, special attention will be given to those topics of school law which are, or should be, of immediate concern to the practicing school administrator.

EDU 551 Changing Educational Organizations in a Diverse World
EDU 552 Supervision and Evaluation of School Personnel
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Fall
This course provides an overview of supervisory practice in public schools. It draws upon effective schools, effective teaching, teacher and adult development, and supervisory practice literature as a foundation for direct assistance to teachers and general supervisory work. The course includes Maine State Law regarding hiring and dismissal practices, just cause, contract issues, dismissal, non-renewal, progressive discipline, and complaint investigation.

EDU 553 Finance for School Administrators
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Spring
This course presents a comprehensive introduction to resource acquisition, management, and leadership at the school level. Further, it is designed to engage students in exploring the practical realities of resource leadership and to examine in depth their own skills and knowledge in light of their goals for school leadership. Specifically, in the course students will: 1) develop a comprehensive understanding of resource acquisition, management, and deployment as a central part of their leadership effectiveness; 2) understand the procedural and legal parameters for financial and other resource acquisition, management, and deployment; and 3) build skills and understanding for leading this dimension of the school effectively.

EDU 554 Internship in School Leadership
Number of Credit Hours: 6
Prerequisite: Completion of 12 credits from the following courses: EDU 550, EDU 551, EDU 552, EDU 553, SED 518
Term: Fall through Spring
This course will be designed to allow students to demonstrate competency with the Professional Standards for Educational Leaders. Students will complete the 320 hour internship as required by the Department of Education for building leaders; and will be designed in collaboration with the student, the internship mentor, and the instructor of EDU 554. The field experience will be combined with an applied research project in school leadership; and is designed to encourage the application of formal coursework to the leadership issues faced by school leaders.

EDU 561 Middle/Secondary Mathematics Education
Number of Credit Hours: 3
Prerequisites: Baccalaureate degree and holds a teaching position
Term: Varies
This course includes methodological, curricular and professional issues in mathematics education, grades 6-12. Focus includes the following topics: Teaching and preparing for proficiency based education, response to Intervention structures and pedagogies; high school and middle school math
content; use of materials; problem solving; use of technology; State Standards; professional development and leadership. Particular attention is given to the use of instructional technology, and the application of how-we-learn brain research in the mathematics classroom.

**EDU 565: Design and Implement a Secondary Math Coaching Practice, Part I**

**Number of Credit Hours:** 3  
**Prerequisites:** Be a member of the 7-12 Maine Mathematics Coaching Project  
**Term:** Varies  
This is the first course in a three-course series. This course offers an introduction to the theory and practice of secondary mathematics coaching. Students will examine the literature related to mathematics coaching with particular attention to the different models employed by school districts and the efficacy of coaching. Participants will use this knowledge to critically examine their own teaching practice. Focus will also be given to developing a shared vision of quality instruction in secondary mathematics.

**EDU 566: Design and Implement a Secondary Math Coaching Practice, Part II**

**Number of Credit Hours:** 3  
**Prerequisites:** Be a member of the 7-12 Maine Mathematics Coaching Project  
**Term:** Varies  
This is the second course in a three-course series. During the course students will expand their mathematical content knowledge, mathematical knowledge for teaching, and mathematical pedagogy through case studies and research in the field. Participants will use this knowledge to critically examine their own teaching practice. Additionally, participants will continue studying and begin to practice skills for secondary mathematics coaching and subsequently refine their vision of an effective and appropriate coaching practice. Participants will collect and analyze data to inform professional development planning.

**EDU 567: Implementing and Refining a Secondary Math Coaching Practice**

**Number of Credit Hours:** 3  
**Prerequisites:** Be a member of the 7-12 Maine Mathematics Coaching Project  
**Term:** Varies  
This is the final course in a three-course series. In this course participants will work with the support of an on-site field coach to evaluate their work as an emerging secondary mathematics coach in their district. Collection and analysis of data will be necessary in order to answer the research question posed during the second course. The role of an educational leader and the integration of technological tools will leverage this work. Focus on high quality mathematics learning and teaching will continue to be central to the course design.

**EDU 568: Communication Tools for Teaching and Learning in Proficiency Based Education**

**Number of Credit Hours:** 3  
**Prerequisite:** Baccalaureate degree  
**Term:** Varies  
The goal of this course is to develop student-centered learning through technology integration and proficiency-based approaches. Themes include: using technology effectively in the classroom to promote 21st century skills; identifying ways students and teachers can use technology to enhance learning through research, communication, collaboration, and productivity strategies and tools; providing hands-on learning and the creation of curricular units and assessments, which address state and national academic and technology standards; facilitating student-centered classrooms that encourage student self-direction and higher-order thinking.

**EDU 574: Curriculum, Instruction, and Assessment for Proficiency Based Education**

**Number of Credit Hours:** 3
Prerequisite: Baccalaureate degree
Term: Varies
This course is designed to provide participants with a review of the foundations of proficiency-based education. Participants will learn the key components of a proficiency-based educational system including school structures, curriculum, instruction, assessment, and reporting; and they will apply relevant theory and researched-based practices to the design of these key components. Participants will also engage in critical discussions and demonstrate an awareness of the affective and behavioral considerations for teaching and learning in a proficiency-based learning environment.

EDU 575 Instructional Leadership
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree and 3 credits in Curriculum, Instruction, and Assessment or approval from the Office of Graduate Studies
Term: Varies
This course is designed to build on participants’ prior knowledge of the foundations of proficiency-based education (PBE). The course will focus on instructional leadership practices that are useful and effective in the PBE classroom. Participants will analyze research on instruction and assessment practices; reflect on their local practices; create plans for improvement; and gather data to inform further action. The coursework will also explore leadership theory, the role of strategic planning, the change process, and strategies needed to successfully maintain and update a proficiency-based curriculum design.

EDU 576 Seminar In Proficiency Based Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree and successful completion of two of the following four courses (EDU 551, EDU 568, EDU 574, or EDU 575; or permission of the Office of Graduate Studies
Term: Varies
This course is designed for students to identify, with faculty support, an applied research project in proficiency-based education. Students will be expected to conduct literature reviews, explore theoretical frameworks, locate resources, and design strategies for implementing proficiency-based education. Seminar meetings will be responsive to students’ needs and allow for discussion, reflection, peer feedback, and support during project implementation.

EDU 579 Implementing Systems of Student Support
Number of Credit Hours: 3
Prerequisite: Completion of EDU 506 or EDU 519 or permission of the Office of Graduate Studies
Term: Varies
Schools are often working towards starting new programs to support students in need of varied supports or identify new ways to address problems. Yet a systemic, effective approach for ensuring broad implementation is rarely considered. This course is designed to provide preK-12 educational leaders, administrators, team leaders, and other educators and service providers with a strong, practical foundation in effective approaches and practices for implementing and scaling-up a variety of systems of student support including academic, learning, social emotional, behavioral, mental health, and community supports. A focus is on the application of Implementation Science to a range of systems and interventions designed to support district-wide, school-wide, classroom, and individualized interventions in schools. Leadership, resource allocation, and program evaluation in the context of student support systems will also be discussed.

EDU 582 Research Methods in Education
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Educational Leadership program, or permission of Director of Graduate Programs in Education
Term: Spring
This course is designed to introduce educators to different methodological frameworks in educational research and become more familiar with a range of research designs and practices. Participants will select an area of inquiry and begin an in-depth analysis of the research on this topic.

EDU 583 Curriculum, Instruction, and Assessment I: Development and Planning for Digital Age Learners
Number of Credit Hours: 3
Prerequisites: Accepted in M.S.Ed. in Educational Leadership program or permission of instructor

Term: Summer
This course focuses on current research and best practice in the area of curriculum development, instructional design, and assessment techniques. Participants will learn about a range of planning models that will inspire the creativity and innovation necessary to provide rich and powerful learning experiences and environments for every student. This course motivates participants to support colleagues in engaging students authentically in their own learning. An integral part of this course will be the development of a critical stance related to current practices in the design of curriculum, instruction and assessment.

EDU 584 Curriculum, Instruction, and Assessment II: Data Informed Decision Making for Digital Age Teaching and Learning
Number of Credit Hours: 3
Prerequisites: EDU 583; or permission of instructor

Term: Fall
This course is designed to provide teacher leaders with opportunities to develop a deeper level of understanding of data analysis focused on student learning, representation, and communication to intended audiences. Participants in this course will investigate data-informed leadership processes through the cycle of program evaluation: design, implementation, management, and evaluation. The effects of reform initiatives on the stakeholders in educational environments will be investigated and critiqued. An emphasis is placed on developing a collaborative culture in educational environments that enhances teacher agency, builds instructional capacity, and maximizes efforts to meet students’ needs.

EDU 585 Cultivating Ethical Leadership
Number of Credit Hours: 3
Prerequisites: EDU 584 or permission of instructor

Term: Summer
This course is designed to cultivate leaders at the classroom, school, and district level who are prepared to influence system transformation. Using student-generated and case study scenarios participants will engage in reflective practice to develop their ethical leadership capacity. Participants will collect data; reflect on the role of local context; and the importance of building relationships with a variety of stakeholders to advocate for student learning.

EDU 586 Applied Educational Research I
Number of Credit Hours: 3
Prerequisites: EDU 582 or permission of instructor

Term: Fall
This course builds on foundational theories and practices investigated in Research Methods. Students will design a research study related to the field of education and document the proposed methods for that study. Students will better understand various ethical concerns when conducting research with people.

EDU 587 Applied Educational Research II
Number of Credit Hours: 3
**Prerequisite:** EDU 586 or permission of instructor

**Term:** Spring

This course is designed as a capstone experience. Students will conduct a research project that will solidify and extend the researcher's working understanding of the principles of research design, implementation, and analysis. Further, this course is a forum for analysis and reflection on the theoretical and experiential knowledge gained through the research process to generate an informed, multi-faceted perspective on the practice of education.

**EDU 594 Designing a K - 8 Math Coaching Practice**

**Number of Credit Hours:** 3

**Prerequisite:** Baccalaureate degree, and be a member of the Maine Mathematics Coaching Project

**Term:** Summer

This is the first course in a three-course series. This course offers an introduction to the theory and practice of elementary (K - 8) mathematics coaching. Students will examine the literature related to mathematics coaching with particular attention to the different models employed by school districts and the efficacy of coaching. Focus will also be given to developing a shared vision of quality instruction in elementary school mathematics.

**EDU 595 Implementing a K - 8 Math Coaching Practice**

**Number of Credit Hours:** 3

**Prerequisites:** Be a member of the Maine Mathematics Coaching Project; and have successfully completed EDU 594

**Term:** Fall

This is the second course in a three-course series. During the course students will expand their mathematical content knowledge, mathematical knowledge for teaching, and mathematical pedagogy through case studies and research in the field. Participants will use this knowledge to critically examine their own teaching practice. Additionally, participants will continue studying and begin to practice skills for elementary mathematics coaching and subsequently refine their vision of an effective and appropriate coaching practice. Participants will collect and analyze data to inform professional development planning.

**EDU 596 Refining a K - 8 Math Coaching Practice**

**Number of Credit Hours:** 3

**Prerequisites:** Be a member of the Maine Mathematics Coaching Project; and have successfully completed EDU 594 and EDU 595

**Term:** Fall

This is the final course in a three-course series. In this course participants will work with the support of an on-site field coach to evaluate their work as an emerging elementary mathematics coach in their district. Collection and analysis of data will be necessary in order to answer the research question posed during the second course. Data will also be used to support the design of a professional development experience for teachers in the district. The role of an educational leader and the integration of technological tools will leverage this work. Focus on high quality mathematics learning and teaching will continue to be central to the course design.

**SED 503 Preparing Students for the Future: Transition Programming, Self-determination and Advocacy**

**Number of Credit Hours:** 3

**Prerequisite:** Baccalaureate degree

**Term:** Typically Fall

This course prepares future special education teachers at the middle and secondary level to meet the transition requirements of IDEA by exploring issues and strategies for preparing adolescents and young adults with disabilities for the transition from school to adult life. We will explore these issues and
strategies within the context of ecological models of human development. Students will: understand federal and state mandates for transition planning and historical perspectives of transition, explore and describe the five areas of transition, implement effective strategies for dealing with diversity and gender equity issues, implement key transition assessments and curricula, develop student-centered transition plans, and demonstrate an awareness of how community agencies can collaborate to improve outcomes for youth with disabilities.

SED 504 Collaborative Partnerships Among Individuals with Disabilities, Families, and Professionals
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Summer
This course focuses on collaboration and teaming strategies among individuals with disabilities, their families, general and special educators, school psychologists, paraprofessionals, and other related service providers in inclusive school and community settings. Assignments and activities require application of teaming and collaboration skills. Participants will also conduct research on collaborative interactions in school and community-based services. Course projects involve co-teaching, staff development, and problem-solving situations.

SED 505 Universal Design for Learning and Curriculum Access
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Fall
This course introduces students to the concept of universal design for learning (UDL) and instructional technologies that provide educators with effective ways to create flexible methods, materials, and assessments to reach diverse learners. A focus will be on how to support students with a range of abilities to access the general education curriculum across content areas.

SED 506 Assessment in Special Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Spring
This course examines assessment practices for children and youth from 3-20 years and provides a variety of hands-on experiences in using various assessment approaches including observations, curriculum-based measurement, and standardized instruments. This course includes opportunities to construct and use both formative and summative assessments, emphasizing the links between pre-assessment, program planning and instruction, and monitoring progress. Each student will work with a focus child or youth in their area of specialization to gain practice in constructing, evaluating, and implementing informal assessments, evaluating formal assessments and interpreting assessment information for other educators and parents. Each student will build skills and knowledge in increasing cultural competence related to assessment practices. During this course, we will also explore a variety of current issues including universal design, test accommodations, modifications, and assistive technology.

SED 507 Curriculum and Instructional Programming for Students with Disabilities
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree, and employed as a teacher or educational technician.
Term: Typically Spring
Students will explore basic principles of curriculum development and instructional programming for students with disabilities. Students will focus on how to develop clear instructional goals and objectives for Individual Education Plans and then how to construct daily instructional programs to accomplish
these goals and objectives. Students will explore current theory and practice regarding direct instruction as it applies to teaching reading and related skills.

SED 508 Classroom and Behavior Management of Students with Disabilities
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree, and employed as a teacher or educational technician.
Term: Typically Fall
Students will explore basic principles of classroom and behavior management from prevention of problems through the development of a variety of positive responses to chronic misbehavior in special education and regular classroom settings. Students will develop and conduct a number of classroom application projects designed to improve the behavior of individuals and groups of students. Students will also review current research on effective classroom and behavior management.

SED 511 Mathematics Instruction for Students with Disabilities
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Summer
This course, for practicing teachers, focuses on methods and strategies for introducing mathematical concepts to children and youth with disabilities, preschool through high school. Issues of concern, major curriculum thrusts, such as the Common Core State Standards, Maine Early Childhood Learning Guidelines, promising practices, methods to differentiate instruction, linking instruction and assessment, accommodations, modifications, and assistive technology are addressed in this course. Approaches for children of different age levels from preschool through secondary are included. Students will select course projects appropriate for the setting or grade level in which they work.

SED 513 Early Childhood Speech & Language: Development, Disorders & Interventions
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Summer
This course is designed to introduce future early childhood special and general educators to the development of speech and language in young children. Content includes an overview of the ages and phases of typical speech and language development and the link between speech, language and literacy. We will explore disorders and delays in speech and language and learn about research-based techniques for assessment, identification and intervention.

SED 514 Literacy Development for All Students
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Summer
This course introduces research-based approaches to (1) the assessment of and for literacy, and (2) the implementation of methods, materials, strategies, and techniques for supporting literacy learning of all individuals, including those with disabilities. Although this course focuses on the special needs of individuals with disabilities or who are at risk, individuals taking this course will learn ways to address the needs of all students in grades Pre-kindergarten through 12 and adults who struggle to read and write or to improve their reading and writing skills. Topics include: assessment, print awareness, phonemic awareness, phonics, fluency, vocabulary, comprehension, spelling, writing, and teaching reading and writing to English language learners. Opportunities will be provided for participants to explore independent learning on key course topics.

SED 515 Early Intervention: Working with Infants & Toddlers w/Disabilities & Their Families
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course addresses various aspects of early intervention services including teaming with families; understanding development and risk during prenatal, natal, and postnatal stages; studying models for working with young children with disabilities and their families in natural environments; and examining infant and toddler program development and curriculum. Students will identify and use current research to increase personal knowledge and skills, applying their findings to present work settings.

SED 517 Professional Ethics, Cultural Competence, and Evidence-based Practices in Early Intervention and Early Childhood Special Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Fall
This course examines professional and ethical practice within the range of delivery systems from early intervention to special education in community and school-based programs for children with disabilities, from birth to eight years of age, and their families. Case studies increase understanding of various medical conditions and related care on family concerns and on child development and learning. Students examine and practice developmentally appropriate methods and strategies, as well as develop skills in effective supervision and evaluation of others. Through the course, students engage in reflective inquiry regarding developing personal cultural competency. Students identify and use current research to increase personal knowledge and skills, applying findings to present work settings.

SED 518 Special Education Law
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course will provide prospective and practicing educators and school administrators with a working knowledge of relevant laws, policies, and regulations related to students with disabilities. Laws and regulations pertaining to the Individuals with Disabilities Education Act, Maine special education regulations, and Section 504 of the Rehabilitation Act will be discussed. Major course topics include Special Education eligibility and IEP development, student discipline, and curriculum access. The historical significance and practical application of laws affecting students with disabilities in school will be emphasized. In particular, the focus of the course will be on making effective educational decisions for students with disabilities.

SED 519 Assistive Technology
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Typically Spring
This course introduces students to assistive technology (AT). Course participants will investigate the use of assistive technology devices and services for individuals with disabilities. A range of technology will be examined from "low tech" devices that are inexpensive or easily modified to “high tech” devices that are expensive. Evaluation approaches, determination of appropriate uses of assistive technology, and funding will be explored. Methods and strategies for implementing assistive technology with students who require varying levels of support across settings and ages will be a primary focus.

SED 521 Introduction to Dyslexia
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course focuses on teaching beginning reading, spelling, and handwriting to children exhibiting traits of dyslexia using a structured literacy approach. This approach requires explicit, direct, multisensory structured, phonetic approach to teaching basic language skills. The NICHD/IDA definition...
of dyslexia, which includes the neuroscience of reading, will be presented and discussed. Lecture and semester topics include: understanding the speech-sound system of language, common orthographic rules and patterns, syllable types and syllabication. The course includes current research that supports this approach for children exhibiting the traits of dyslexia. Dyslexia screening tools, accommodations, modifications, and teaching strategies, necessary to support a student with dyslexia in the general education classroom will also be discussed.

SED 522 Internship in Special Education
Number of Credit Hours: 6
Prerequisite: (All students must hold a Bachelor’s Degree.) Enrollment in M.S.Ed in Special education or satisfactory completion (B- or better) of at least two of the following: SED 506, SED 507, SED 508, SED 529
Term: Varies
This course is designed for those seeking State certification as a special education teacher. Interns participate in a variety of supervised experiences in a school while working with children with disabilities. Working with a special educator, students with disabilities, and other school personnel, interns expand and refine their knowledge and skills and increase their responsibilities over time. Students participate in a seminar during their internship experience. Students completing SED 522 with a grade of B- or better fulfill State student teaching requirements.

SED 525 Basic Principles of Applied Behavior Analysis
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course - the first in a series of four - will introduce educators and other interested professionals to a behavioral view of teaching and learning. The course presents basic behavioral processes and principles (illustrated largely with respect to teaching children with autism) and provides a conceptual foundation for subsequent courses in behavioral assessment and the application of behavioral methods in specialized instruction. Readings will be drawn from both text and primary sources, both recent and classic in the field.

SED 526 Behavior Analysis and the Scientific Assessment of Learning
Number of Credit Hours: 3
Prerequisite: SED 525
Term: Varies
This is the second course in a series of four. Building on the concepts taught in SED 525 Basic Principles of Applied Behavior Analysis, the purpose of this course is to acquaint educators and related professionals with the behavior analytic practice of science within the applied context of special education. Within this context, behavior analysis offers practical empirical approaches to (a) the multi-faceted assessment of children’s instructional and behavioral needs, and (b) the evaluation of supportive interventions predicated on such assessment. Readings will be drawn from both text and primary sources, both recent and classic in the field.

SED 527 Applying Behavior Analysis: Methods of Instruction and Behavioral Support
Number of Credit Hours: 3
Prerequisites: SED 525 and SED 526
Term: Varies
The purpose of this course, building on the concepts taught in SED 525 Basic Principles of Applied Behavior Analysis and SED 526 Behavior Analysis and the Scientific Assessment of Learning, is to familiarize students with methods of: a) specialized instruction for students with special needs, and b) management of behavior that interferes with learning. The course represents the progression from conducting behavioral research to implementing practices derived from research.
SED 528 Autism Spectrum Disorders: Diagnosis, Intervention, Systems Support, and Ethical Considerations
Number of Credit Hours: 3
Prerequisites: SED 525, SED 526 and SED 527
Term: Varies

The purpose of this course is threefold. First, students will be provided a historical overview of Autism Spectrum Disorder (ASD) and will learn the revised diagnostic criteria established by the American Psychiatric Association in 2013. A variety of screening instruments will be reviewed. Students will learn empirically validated strategies for the education and treatment of individuals with ASD from early intervention through the school years. Controversial practices will be reviewed and discussed. Second, students will become familiar with guidelines for developing systems of support in human service organizations. Students will learn to develop effective systems of staff training, support, and supervision. Competency-based training will be discussed in detail, along with steps to ensure treatment integrity. Students also will become familiar with peer review processes and methods of assessing consumer satisfaction. Third, students will learn the standards for ethical and professional conduct. Students will discuss ethics in detail and learn to recognize potential ethical dilemmas that arise in daily educational and clinical practice. Identification of pertinent ethical codes of conduct and resolution of ethical dilemmas will be reviewed.

SED 529 Individualized Positive Behavior Supports
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies

This course prepares educators to design, implement, and evaluate interventions for students with significant emotional/behavioral difficulties. Topics include the nature and needs of students with emotional/behavioral difficulties, functional behavioral assessment, behavior support plans, and wraparound/mental health supports.

SED 530 Identifying and Educating Learners Who are Gifted
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies

This course introduces the participant to the education of gifted learners. Topics to be presented: conceptions of giftedness; myths and truths of gifted education; the necessity of gifted education; equitable identification of gifted learners from diverse populations; common cognitive and affective characteristics; highly gifted students; special populations of gifted learners; common social or emotional issues; necessary components of a gifted program; curriculum differentiation in the regular classroom; and acceleration vs. enrichment.

SED 531 Curriculum and Instruction for Learners Who Are Gifted
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies

This course emphasizes the development of curricular and instructional opportunities to address characteristics and needs of the gifted child. Topics include: complexity and abstractness; differentiation from mainstream curriculum; modification of content, process, product, and learning environments; creative and critical thinking skills; the study of major ideas, issues, problems and themes across content areas; development of understanding of self and others; promotion of self-directed learning; career education; scope and sequence; and integration with district standards.

SED 532 Developing and Implementing Programs for Learners Who Are Gifted
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course prepares participants to build effective cohesive programs for gifted students, with direction provided by Maine Chapter 104 and the National Association for Gifted Children Program Standards. Topics include: program philosophy, goals and objectives; program models; identification procedures; curriculum and instruction; addressing atypical giftedness; grouping for instruction; teacher preparation; parent involvement; coordination between regular and special school programs; prevention of emotional problems; secondary vs. elementary programs; program advocacy and program evaluation.

SED 533 Teaching Critical and Creative Thinking in Gifted Programs and Classroom Settings
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course prepares teachers to increase the levels of critical and creative thinking in their classroom teaching. Topics include critical thinking, creative thinking, and problem solving in education in regular classrooms, arts or music classrooms, and in the education of gifted students. Participants will learn about assessment of critical thinking and creativity; social and cultural practices which facilitate or inhibit critical and creative thinking; and classroom practices which stimulate or inhibit critical and creative thinking in students and in teachers. Specific research-based classroom strategies will be taught.

SED 551 Advanced Intervention Methods
Number of Credit Hours: 3
Prerequisites: Enrollment in Master's in Special Education, or Permission of Instructor
Term: Spring
This course focuses on identifying, selecting, implementing, and evaluating evidence-based inclusive practices within a multi-tiered system of support (MTSS) framework. In particular, candidates will explore in-depth the data-based individualization process, including the design and implementation of intensive, individualized, research-based interventions. As a requirement of the course, candidates will engage in field-based activities that provide real-world opportunities for translating theory and research into practice and applying several High-Leverage Practices (HLPs) in Special Education.

SED 560 Teaching Individuals with Exceptionalities in the General K-8 Classroom
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course is designed to help general education teachers realize the connections between a theoretical understanding of the nature and needs of diverse learners (mostly those with disabilities but including those from multicultural backgrounds, those at risk for school failure and those who are gifted and talented), and the practical collaborative practices, instructional methods and classroom behavior management strategies employed by teachers to ensure these students achieve their fullest academic and social potential. Participants will have the opportunity at advanced levels to address The Maine Standards for Beginning Teachers, and CEC Standards and InTASC Principles for Special Education. It meets K-8 certifications requirements in the state of Maine. This course is specifically designed to meet MDOE's requirement for "Teaching Exceptional Students in the Regular Classroom" as part of a regular classroom teaching certificate. Special Education teachers or those seeking Special Education certification should not enroll in this course.

SED 561 Teaching Individuals with Exceptionalities in the General 7-12 Classroom
Number of Credit Hours: 3
This course is designed to help general education teachers realize the connections between a theoretical understanding of the nature and needs of diverse learners (mostly those with disabilities but including those from multicultural backgrounds, those at risk for school failure and those who are gifted and talented), and the practical collaborative practices, instructional methods and classroom behavior management strategies employed by teachers to ensure these students achieve their fullest academic and social potential. Participants will have the opportunity at advanced levels to address The Maine Standards for Beginning Teachers, and CEC Standards and InTASC Principles for Special Education. It meets 7-12 certification requirements in the state of Maine. This course is specifically designed to meet MDOE's requirement for "Teaching Exceptional Students in the Regular Classroom" as part of a regular classroom teaching certificate. Special Education teachers or those seeking Special Education certification should not enroll in this course.

SED 571 Software and Mobile Technologies for Individuals with Disabilities
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
Traditionally, students with disabilities have been expected to stand out—and not necessarily in a way that is conducive to their education. Students will learn about software and mobile technologies that all students (especially students with disabilities) can access and use in order to enjoy a customized, comfortable learning experience and life experience.

SED 572 Designing Adaptive Environments
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course provides an overview of environmental adaptations for individuals with disabilities to increase their access to community, workplace, and school activities. This course will cover legal issues regarding ADA and explore how “adaptive environments” can be leveraged across a range of environmental factors including physical structures and other technology environments. This course will provide students with the skills necessary to design adaptive environments.

SED 573 Alternative Communication
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
Communication is a key skill that all individuals have the human right to engage in in some form. This course will provide an overview of augmentative and alternative communication tools and the theories behind augmentative and alternative communication. Exploration experiences will enable students to locate, use and train others on the range of AAC technologies available. Field experience may be required (in-person or remote).

SED 574 Assistive Technology for Transition and Employment
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
Transition and Employment are important components to supporting individuals as they transition throughout the lifespan. This course will provide an overview of accommodations and public policy related to independent living and employment for individuals with disabilities throughout their lifespan. Focus areas include assistive technologies that support daily living tasks, access, navigation and workplace accommodations to improve access and daily living tasks for individuals with disabilities.
SED 586 Special Education Research
Number of Credit Hours: 3
Prerequisites: Accepted in MS.Ed. in Special Education program, or permission of Director of Graduate Programs in Education
Term: Fall
Practical application of educational research methods to school reform initiatives and academic and behavioral intervention methods. The focus is on creating a research design for systematic inquiry of a schoolwide or classroom-specific issue. Includes data analysis, research report writing, and professional presentation skills.

SED 590 Internship in Inclusive Schools
Number of Credit Hours: 3
Prerequisites: Enrollment in graduate certificate in special education or satisfactory completion (B- or better) of at least two of the following: SED 551, SED 598, SED 599
Term: Varies
This course is designed for those seeking the Inclusive Schools and Leadership Specialization. Interns will participate in a variety of supervised experiences in a school while working directly with children with disabilities. The intern will work with special education directors /coordinators, curriculum and instruction supervisors/directors, special and general educators, other school personnel, and students with and without disabilities in order to expand and refine their knowledge and skills about facilitating inclusive education. Interns will participate in a seminar during the entirety of the internship experience (two semesters). Students must enroll in and complete 6 credits of SED 590.

SED 598 Inclusive Education Reform: a Social Justice Approach to School and Systemwide Reform
Number of Credit Hours: 3
Prerequisite: Enrollment in Graduate Certificate in Special Education Administration, or Master’s in Special Education, or Permission of Instructor
Term: Varies
This course will explore how educators (teachers and administrators) can establish an inclusive vision and advocate to create a school or systemwide plan for equitable and excellent learning for all students. We will examine historical, legal, practical and theoretical perspectives on the culture and systems of special education and inclusive schooling. Students will study the research, issues, and outcomes from school leaders and educational researchers committed to advancing equity, social justice, and inclusive school reform. By the end of the course, students will have a deep historical, theoretical, and ethical understanding of inclusive school reform, as well as experience with practical tools, analysis, and applications to seek, create, and sustain equitable schools, especially for marginalized students.

SED 599 Advanced Inclusive Education: Gaining Access to Inclusive Education and Community
Number of Credit Hours: 3
Prerequisite: All students must hold a Bachelor’s Degree.
Students will have completed at least 9 of 15 credits from the following UMF courses: SED 518 Special Education Law, SED 598 Inclusive Reform, SED 551 Advanced Intervention Methods, SED 505 Universal Design for Learning and Curriculum Access, EDU 551 Changing Educational Organizations in a Diverse World
Term: Varies
This course will explore the collaborative and instructional methods necessary for implementing inclusive education for students with disabilities. Students will learn practices and processes for inclusive teaming and co-teaching, strategies for empowering and including families and peers in
support for students with disabilities, processes for creating inclusive schedules, instructional methods and adaptation tools for supporting students with disabilities in the general education setting, writing and implementing inclusive IEPs, and techniques for developing positive and inclusive behavior supports. Students will also have the opportunity to learn from practicing educators, inclusion facilitators and directors of special education and be guided on how to advocate for, maintain, and expand inclusive practices and programs.

SHE 530 The Coordinated School Health Program
Number of Credit Hours: 3
Prerequisites: Holds a teaching position, and a Baccalaureate degree
Term: Varies
This course will assist practicing teachers in becoming familiar with the discipline of health education and the coordinated school health model. The course will trace the evolution of school health as well as examine present and future trends.

SHE 533 Designing Curriculum and Methods in School Health Education
Number of Credit Hours: 3
Prerequisite: Baccalaureate degree
Term: Varies
This course will present practicing educators with existing curricula and methods used in developing school health curriculum. Theory and research-supported practices will examine areas of instruction and acquisition of resources.
Academic Policies for Graduate Education

Academic Integrity Policy, Including Plagiarism
Everyone enrolled in graduate education courses at UMF is expected to adhere to the principles of academic integrity central to the academic function of the University. Any breach of academic integrity represents a serious offense. Each student has a responsibility to know the standards of conduct and expectations of academic integrity that apply to academic tasks. The Code of Academic Integrity is accessible by clicking on the following link: Academic Integrity Code. Violations of student academic integrity include any actions that attempt to promote or enhance the academic standing of any student by dishonest means. Cheating on an examination, stealing the words or ideas of another (i.e., plagiarism), making statements known to be false or misleading, falsifying the results of one’s research, improperly using library materials or computer files, or altering or forging academic records are examples of violations of this policy that are contrary to the academic purposes for which the University exists. Unless group work is assigned, coursework is normally completed independently. Acts that violate academic integrity disrupt the educational process and are not acceptable.

Plagiarism, the use without attribution of language, ideas, or the organization of ideas not one’s own, is a fundamental breach of basic academic principles and is prohibited in all courses. The development of original thinking and intellectual honesty are regarded as central to a graduate education. Although in the pursuit of these goals students will continually consult existing works, it is expected that they will acknowledge the debt owed to others by citing all sources. When books, journals, magazines, or any other sources are reviewed and the ideas or language therein used, they must be cited. Where specific guidelines are not given by the instructor, students should consult a current edition of the Publication Manual of the American Psychological Association on proper notation.

The case of any student who admits to or is found guilty of a violation of academic integrity will be reviewed by UMF’s Vice President of Student Affairs and Enrollment Management. The student will be subject to appropriate sanctions, including expulsion from the University. Graduate students are held to the same Academic Integrity code that is applicable to UMF’s undergraduate program. Students are responsible for familiarizing themselves with the Academic Integrity Code.

Academic Record Changes
Considerable care is taken to ensure that course registration and grades entered on a student’s permanent record are accurate. Any student who suspects an error has been made should take the matter up immediately with Merrill Center (207) 778-7100. Records are assumed to be correct if a student does not report to Merrill Center within one year of the completion of a course. At that time, the record becomes permanent and cannot be changed. The student is expected to check his/her records on UMS MaineStreet on a regular basis.

Academic Standing

Certificate Programs
No graduate course within the certificate program can be taken for Pass/Fail, and satisfactory completion of a specific certificate program requires a cumulative GPA of 3.0 for courses within the certificate program, with no more than one C (2.00). A grade of C- is not acceptable; if a C- or below is earned in a course, the participant will be required to retake the course to raise the grade or be dropped from that specific certificate program. Even though certificate programs are not degree bearing, they will be designated on a student’s official transcript. Grades for each course taken as part of a certificate
program will appear on a student’s transcript. When the total certificate coursework is completed, the certificate title and date of award will be indicated on the student’s transcript, as well.

Master’s Degree Programs
To remain in good academic standing, graduate students must maintain a 3.00 (B) grade point average. A student who receives a C or below will be interviewed by the Associate Dean of Graduate and Continuing Education to determine if continued matriculation is appropriate. Should a student’s grade point average fall below a 3.00, the student will be put on academic probation and given two semesters to bring the grade point average up to 3.00. If, after those two semesters, the student has been unsuccessful in attaining a 3.00 grade point average, the student will be dismissed from the program.

Class Attendance
UMF subscribes to the policy that sound scholarship involves attendance at all classes. Students are expected to attend classes and are responsible for all class work whether they are present or absent. Instructors establish their own attendance policies, but they must state the class attendance policy in writing on the course syllabus. Students are permitted to leave a class meeting without penalty if the instructor does not appear within ten minutes of the scheduled beginning of the class period and has not sent word that s/he will be late or made previous arrangements with the class.

Confidentiality Policy
The University complies with the Family Rights and Privacy Act of 1974 (the Buckley Amendment). The statute gives students the right to inspect and review their educational records and provides guidelines for the correction of inaccurate or misleading data. It also authorizes the release of information only with the written consent of the student. For the complete University Confidentiality Policy, contact Merrill Center at (207) 778-7100.

Undergraduate Students Participating in Graduate Education

Enrolling in graduate courses
Undergraduate students may be able to enroll in graduate level courses. Students must discuss this with their academic advisor before enrolling in any graduate courses. Undergraduate students may enroll in a graduate level course for graduate credit under one of the following circumstances:

1. After being accepted into a graduate degree program at the university that permits or requires enrolling in graduate courses while still enrolled as an undergraduate student (e.g., accelerated master’s degrees).
2. When in receipt of written permission from the Associate Dean of Graduate and Continuing Education or equivalent administrator who is responsible for graduate programs. The graduate studies administrator will consult with the student’s advisor or division chair before making a decision.

Nothing in this policy permits undergraduates to take graduate courses if prerequisite courses have not been completed. There will be no appeal process if an undergraduate student is not granted permission to take a graduate course.
Participation in graduate certificates
Undergraduate students may participate in graduate certificate programs. Students must complete the graduate certificate *intent to participate* form to participate in, and be awarded, a graduate certificate. Undergraduate students will be permitted to participate in a graduate certificate and all of its required courses after receiving written permission to enroll in the certificate from the administrator responsible for graduate programs. The graduate studies administrator will consult with the student’s advisor or division chair before making a decision. Nothing in this policy permits undergraduates to participate in graduate certificates if prerequisite courses or experiences (e.g., teaching experience required to enroll in the certificate in administration, mathematics coaching program) have not been completed. There will be no appeal process if an undergraduate student is not granted permission to participate in a graduate certificate. Once granted permission to enroll in the certificate, the student does not need to obtain subsequent permission to enroll in each individual course required for the certificate. The graduate certificate will be awarded upon satisfactory completion of all required courses and completion of a bachelor’s degree.

Grading System
Grades at UMF are given in terms of letters, with the option of a plus or minus designation (with the exception of no A+), representing levels of achievement. The basis for determining a grade is the relative extent to which the student has achieved the objectives of the course. The graduate student’s work in each course is graded as follows:

- **A** Excellent
- **B** Proficient
- **C** Approaching proficiency
- **D** Unsatisfactory
- **F** Failure

Please note: If a course is repeated once, the second grade only is figured into the GPA. In the event that a course is repeated more than once, the second and all subsequent grades are counted. A student is responsible for meeting academic benchmarks for his/her program, including minimum GPA standards and policies.

Grades less than C are not acceptable for graduate work.

Other letter grades are as follows:
- **I** Incomplete

All prescribed course work is to be completed during the semester or term in which the course is offered unless the syllabus specifies a longer period of time. If medical or other emergency conditions develop, the instructor may, at his or her discretion, award a grade of Incomplete (I). The “I” permits an extension to allow the student to complete the course work within a period of up to a full semester. Summer session is counted as a semester for the graduate program. Therefore, a student receiving an Incomplete at the end of the Spring semester must complete the course work by the end of August of the same year.

An Incomplete grade is a privilege granted by a faculty member in response to extraordinary circumstances. The “I” should not be understood to be the normal response to missing work. Ordinarily, when a student has failed to complete required coursework by the end of the semester, the instructor...
will either report a grade for the course in which the missing work is given a value of zero or, in cases where failure to complete assigned work constitutes failure to meet the minimum requirements of the course, award a grade of F. The grade of Incomplete shall be awarded only when the following conditions are met: 1) the student has valid reasons for not completing the work; 2) the student has presented these reasons to the instructor; and 3) the missing work constitutes less than one-third of the required work for the course.

When a grade of Incomplete is awarded, the instructor shall specify in writing the work to be completed and the deadline by which it is to be completed, using the Incomplete Form, with copies to the student and to Merrill Center. The instructor is not required to allow the full period (a semester) for the completion of the missing work, however.

When the missing work is completed, the instructor shall promptly submit a Change of Grade Form to Merrill Center, changing the Incomplete to the appropriate letter grade. Since the maximum term for Incomplete grades is one semester, the instructor must submit a change of grade form for each Incomplete on or before the date on which grades are due for the semester following the semester in which the Incomplete was awarded. The instructor may not continue the Incomplete for a second semester. The instructor’s failure to submit a timely Change of Grade Form for an Incomplete shall be treated as equivalent to failing to submit grades for a class and shall be reported to the Associate Provost and Dean of the College of Education, Health, and Rehabilitation.

- **L Left (Stopped attending):** The grade of L may be assigned to students who stopped attending a course without officially dropping the course. The grade of L will be computed as an F for purposes of the student’s grade point average.

- **MG Missing Grade:** Occasionally, faculty may assign student invalid grades for a course, or may fail to submit a grade for a particular student in a course. In these cases, Merrill Center will note this act by designating a missing grade, or MG, instead of a grade for the course. Missing grades must be resolved by the end of each semester. Merrill Center shall notify faculty members involved, and the Associate Provost and Dean of the College of Education, Health, and Rehabilitation, when students carry unresolved MGs on their transcript for one semester. If the missing grade is not resolved by the instructor, an MG grade will be automatically counted as an F in the grade point average and so indicated on the student’s permanent record as “MG.”

- **W Withdrawal:** After the drop period, a student may withdraw from a course through the 60% point in the course without academic penalty. The student must obtain an official Course Withdrawal Form from Merrill Center. This form must be signed by the instructor. The W is an official grade notation; however it will not be included in computing the student’s grade point average. If a student has not officially withdrawn before 60% of the course is completed, one of the above regular grades will be assigned. The W notation may be obtained after 60% of the course has been completed under unusual circumstances if so determined by the instructor and the Associate Provost and Dean of the College of Education, Health, and Rehabilitation. A threat of failure is not considered to be an unusual circumstance.

- **DG Deferred Grade:** If a course syllabus specifies that work may extend beyond the semester or term in which the course is offered, students may be assigned a progress grade designated by the letter grade DG. The DG will remain on the grade record until the final grade is submitted. All DG grades must be converted to final grades to complete graduation requirements.
Permanent Academic Record
The permanent academic record is maintained by Merrill Center for all students. The only true and valid documentation of academic work and student status is an official transcript of academic record, stamped with the Registrar’s signature and embossed with the seal of the University. The transcript is available only with the signature of the student and will be released to that student or a designee only if there are no outstanding charges against his or her account with Merrill Center. An unofficial transcript can be obtained by the student through his/her Student Center in MaineStreet (http://mainestreet.maine.edu).

Costs
Anticipated Tuition Fall 2021-Summer 2022

<table>
<thead>
<tr>
<th>Credits Level</th>
<th>1-Credit</th>
<th>3-Credits</th>
<th>6-Credits</th>
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<tr>
<td>Graduate Tuition</td>
<td>$427.00</td>
<td>$1,281.00</td>
<td>$2,562.00</td>
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Unified Fee

<table>
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<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>1-6.5 credits</td>
<td>$94.50 per term</td>
</tr>
<tr>
<td>7 -11.5 credits</td>
<td>$188.50 per term</td>
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</table>

The financial requirements of the University, changing costs, state and legislative action, and other matters may require adjustment of these published charges and expenses. The University reserves the right, up to the date of final registration for a given academic term, to make such adjustments as may be deemed necessary by the University of Maine System Board of Trustees.

The unified fee is used to acquire up-to-date technology equipment and services for students, and it supports Mantor Library, intercollegiate athletics, and student organizations.

Other Fees
- Individual courses also have additional books and course fees. Notification about these costs is available at the time of registration.
- Non-matriculated students pay an additional $50.00 per semester Outreach Fee
- Matriculated degree students must pay an additional Tk20 Assessment Fee - $139.00 one-time fee

Health Insurance
A change in the health insurance verification requirement for students enrolled at the University of Maine System schools took effect August 1, 2021. The University of Maine System no longer requires students to provide proof of health insurance nor will the University of Maine System automatically enroll students in a health insurance plan.

Please note: Some students may still be required to carry health insurance (i.e. Graduate Assistants, intercollegiate athletes, and International students).
Registration
By registering at the University of Maine at Farmington, students agree to pay all charges on their tuition and fee accounts when due. They also acknowledge that failure to make a required payment by the stated deadline can result in late payment and service charges, inability to register for a future term, and/or withholding of a transcript and/or diploma.

A student's registration may also be blocked if immunizations have expired or library materials have not been returned.

Financial Responsibility Statement
The Financial Responsibility Statement (FRS) is a statement that describes the financial obligation a student accepts when he or she enrolls for classes at any campus of the University of Maine System. The statement, and its acceptance, is a legal agreement between the student and the University of Maine System. Ensuring that students understand the financial commitment they are making when they register for courses is an important component of a student’s financial literacy and is also required by the Federal Bureau of Consumer Protection.

The FRS will need to be completed prior to registration each fall/spring term, and will cover registration at any of the University of Maine System campuses. A registration hold will prevent you from registering for classes until you complete the online FRS process. The hold will be removed immediately upon completion.

Methods of Payment
If you are enrolled in a UMF course, you are considered to be a UMF student.
- By registering for the course, you acknowledge your understanding that a seat has been reserved for you and that you are responsible for payment.
- Payment or a 3rd Party Authorization (P.O.) is required when you register. Late fees may be assessed on any accounts not paid in full at the time of registration.
- You may not receive a paper bill for your course(s). Please log on to MaineStreet to see your bill.
- You can pay your bill by:
  - Debit or credit card (Master Card, American Express, Visa or Discover) through your Student Center
  - Electronic check (ACH), through your Student Center
  - Check. Please mail to Merrill Center; 224 Main Street; Farmington, ME 04938.

If your school district is paying for the course, please fax the purchase order to 207-778-7555 or mail it to UMF at the address above. If your district will pay only after you receive your grade, you will need to pay UMF up front and be reimbursed after you complete the course and meet your district’s requirements; otherwise you will be charged a $50 late fee.

Tuition and Fee Adjustments
You may drop a UMF course, or withdraw from the University of Maine System, by contacting Merrill Center (207-778-7100). The date you contact the UMF Merrill Center regarding your intent to withdraw or drop a course will determine your financial adjustment, if any.
If you fail to notify the UMF Merrill Center that you stopped attending or never started your course(s), you will receive a failing grade and will be charged full tuition and fees.

Financial Policies

The financial requirements of the University, changing costs, state and legislative action, and other matters may require adjustment of charges and expenses. The University reserves the right, up to the date of final registration for a given academic term, to make such adjustments as may be deemed necessary by the Board of Trustees. The student acknowledges this reservation by submitting an application for admission or registration. Any student who fails to pay tuition and fees when due by the above described methods, or who fails to receive prior consent from the Student Accounts Office to delay payment, is subject to administrative dismissal for the current semester and suspension from UMF for the following semester. Transcripts and future registrations are prohibited until the student's account is current. Unpaid accounts are forwarded to outside agencies for collections. Collections costs may be added to the balance due.

Course Load

Typical graduate students take anywhere from 3-10 credits per term. To qualify for benefits such as financial aid, Veteran’s Benefits, and Native American Waivers, there are additional enrollment criteria outlined below. For financial aid purposes, eligibility rules and levels of aid vary for different types of financial aid, and thus students must always consult with the Financial Aid Office in the Merrill Center regarding any questions concerning impact of course load on scholarships, grants, loans, loan repayment, loan deferment, student employment and other aid-related matters.

Financial Aid

Limited financial aid is available to students matriculated into the Master of Science in Education programs. Students may apply for Federal Direct Student Loans or loans through qualified private sources. Submission of the Free Application for Federal Student Aid (FAFSA) must be made to receive a Federal Direct Loan. For more information, contact the UMF Financial Aid Office through the UMF Merrill Center: 207-778-7100. All application materials submitted to the Financial Aid Office are handled confidentially.

Qualifications for Financial Aid

A student must be matriculated into a M.S.Ed. degree program; enrolled in at least 3-credits per term; and meet Satisfactory Academic Progress requirements to qualify for Financial Aid. Non-degree and Certificate students are not eligible for financial aid.

Withdrawing and Financial Aid

A student who is receiving financial aid and who withdraws from UMF before the end of a semester may be required to return all or part of the financial aid funds received for that semester.

Veteran’s Benefits

Veterans’ benefits are available at UMF based on the approval of the University's programs by the Maine State Approving Agency for Veterans Education for the education and training of veterans, service persons, and dependents of disabled and deceased veterans. Students should contact the nearest VA regional office for information concerning eligibility, counseling, and benefits. Once admitted, new students should advise the Merrill Center that they wish to be certified for VA benefits. They must be matriculated into a degree program, and enrolled in at least three-credits each semester.
for full-time benefits. It is the responsibility of the student and the University to notify the VA of any change in status which affects the student's benefit amount.

**Native American Aid Programs**

Native American Tuition Waivers covering tuition and mandatory fees are available for members of the Passamaquoddy, Penobscot, Houlton Band of Maliseet and Aroostook Band of Micmac tribes, as well as other federally, state or provincially recognized Native American Tribes who have resided in Maine for at least one year prior to application for purposes other than education. More detailed guidelines for these waivers are available at the Financial Aid Office.

**Satisfactory Academic Progress**

Satisfactory Academic Progress is used to define successful completion of coursework to maintain eligibility for student financial aid. Federal regulations require the University to establish, publish and apply standards to monitor progress towards degree completion. Students must meet these minimum Satisfactory Academic Progress (SAP) requirements in order to be eligible for student aid funds. If you are not meeting the minimum standards, even if you are allowed by the Office of Graduate Studies to continue your enrollment, you will have to do so without the benefit of financial aid. Each of the three following standards must be met:

1. **Maximum Time Frame:**
   Federal regulations require that the University set a maximum time frame for successful completion of degree programs for financial aid eligibility, which aligns with the University’s completion timeframe.
   - Master of Science in Education in Educational Leadership: All work for the degree must be completed within six years of matriculation. For the M.S.Ed. in Educational Leadership degree the University has set the maximum number of attempted credits at 51.
   - Master of Science in Early Childhood Education: All work for the degree must be completed within five years of matriculation. For the M.S.Ed. in Early Childhood degree the University has set the maximum number of attempted credits at 54.
   - Master of Science in Education in Special Education: All work for the degree must be completed within five years of matriculation. For the M.S.Ed. in Special Education degree the University has set the maximum number of attempted credits at 51.
   - Master of Arts in Counseling Psychology: All work for the degree must be completed within six years of matriculation. For the M.A. in Counseling Psychology degree the University has set the maximum number of attempted credits at 96.

2. **Qualitative Standard – Cumulative Grade Point Average:**
   As a matriculated graduate student you must maintain a cumulative 3.0 grade point average.

3. **Quantitative Standard – Successful Completion of Credit Hours Attempted:**
   Matriculated students are required to successfully complete a specific percentage of credits that are attempted. The University uses the following scales:

<table>
<thead>
<tr>
<th>Attempted Credit Hours</th>
<th>Percentage Earned</th>
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<tbody>
<tr>
<td>1-11</td>
<td>50%</td>
</tr>
<tr>
<td>12 and above</td>
<td>75%</td>
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</tbody>
</table>
How are students notified of progress?
Progress is measured at the end of each term, including summer. If the student is not making satisfactory academic progress, s/he will receive communication from UMF Financial Aid Office regarding the loss of eligibility for further financial aid.

What if there are special circumstances?
Every student has a right to appeal if s/he believes that there are special circumstances. Please see the section on Appeal of Financial Aid Suspension.

Definitions

Attempted Hours
For the purpose of this policy attempted hours include: audited classes; classes withdrawn from; deferred grades; incomplete grades; missing grades; repeated courses. Letter grades of “A” through “D” shall be considered completed. All other grades including F, L, W, AU, I, DG, and MG, will not be considered as credits completed.

Repeated Coursework
If a course is repeated once, the second grade only is figured into the GPA. In the event that a course is repeated more than once, the second and all subsequent grades are counted.

Passed Hours
For the purpose of this policy passed hours include: Passed credit hours that can be used for the purpose of completing degree requirements.

Transfer Students
If a student earned credits at a previous institution(s) that will be accepted toward his/her degree, those accepted hours will be included as attempted hours for the purposes of satisfactory progress evaluation. For example if a student attempted 6 hours at the University of Maine at Farmington and transferred in 9 credits to his/her academic record, all tests to evaluate satisfactory academic progress (Quantitative, Qualitative and Maximum Time Frame) would be based on 15 attempted hours.

Appeal of Financial Aid Suspension
A student placed on Financial Aid Suspension who has experienced undue hardship, (e.g., death of a relative of the student; personal injury or prolonged illness of the student; or special circumstances as determined by the institution.), may submit a written appeal, by August 1 for fall aid and December 1 for spring aid, to the Director of Financial Aid. The appeal must explain the circumstances that prevented the standards from being met. It is suggested that a student provide third party documentation, if available, to support an appeal of a financial aid suspension. Upon successful appeal, the student may be placed on Financial Aid Probation for one period, and will be able to receive financial aid during that time. If at the end of the probationary period the minimum standards are not met, or the student has failed to meet the requirements of the academic plan developed as part of the probation period, the student’s financial aid eligibility will be suspended. All appeals will be reviewed by the Financial Aid SAP Appeals Committee. The student will receive written notification of the committee’s decision within 30 days of receipt of the appeal.

Condition of Financial Aid Reinstatement
Students must complete the required number of credits and achieve the corresponding cumulative GPA as outlined during the probationary period in order to have their financial aid eligibility reinstated or meet the requirements of the academic plan devised by the SAP Appeals Committee.
Withdrawal from a Course

Academic Result

A student may withdraw from a course before 60% of the course has elapsed without experiencing an impact on his/her grade point average. A W will remain on the permanent transcript, but this grade will not figure into the GPA calculation. The 60% calculation is determined from the first day the course is scheduled to begin, and calendar days (not class days) form the basis of this calculation.

To withdraw from a course, a student must complete an official Withdrawal Form, which is available from Merrill Center. If a student has not officially withdrawn before 60% of the course is completed, the student will be assigned a regular grade by the instructor, based upon completed work and standards articulated in the course syllabus. The W notation may be assigned after 60% of the course has been completed under extenuating circumstances when agreed upon by the instructor and the Associate Provost and Dean of the College of Education, Health, and Rehabilitation.

See below for information about financial adjustments for dropping from a course and withdrawing from the University.

Class Add/Financial Adjustment for Dropping of Class(es)

Adding classes at any time may result in additional charges to the student’s account. For purposes of calculating financial adjustments, attendance includes weekends and holidays, and ends on the student’s last day of attendance as determined when (s)he notifies the institution’s designated official or office, that (s)he is dropping or withdrawing from a class(es) while remaining enrolled in other class(es). Dropping or withdrawing from classes will result in an adjustment in accordance with the following schedule:

- Classes 12 weeks or more in length: 100% prior to the end of the second week (14 days)
- Classes 11 weeks in length: 100% prior to the end of the eleventh day (11 days)
- Classes 10 weeks in length: 100% prior to the end of the tenth day (10 days)
- Classes 9 weeks in length: 100% prior to the end of the ninth day (9 days)
- Classes 8 weeks in length: 100% prior to the end of the eighth day (8 days)
- Classes 7 weeks in length: 100% prior to the end of the seventh day (7 days)
- Classes 6 weeks in length: 100% prior to the end of the sixth day (6 days)
- Classes 5 weeks in length: 100% prior to the end of the fifth day (5 days)
- Classes 4 weeks in length: 100% prior to the end of the fourth day (4 days)
- Classes 3 weeks in length: 100% prior to the end of the third day (3 days)
- Classes 2 weeks in length: 100% prior to the end of the second day (2 days)
- Classes 1 week or less in length: 100% prior to the end of the first day (1 day)

Student University Withdrawal (from all university system courses):

Determination of Attendance

For purposes of calculating financial adjustments, attendance includes weekends and holidays, and ends on the student’s last day of attendance as determined when (s)he notifies the institution’s designated official or office that (s)he is withdrawing from all university system classes. Students who cease attendance without notifying the University within thirty (30) days of their last date of attendance will not be entitled to any adjustment of charges without approval of a written appeal. The designated university official will make a decision regarding the appeal based on the documentation and/or conditions presented.

Tuition and Mandatory Fees University Withdrawal Adjustment Schedules

- Classes 12 weeks or more:
  - 100% prior to the end of the second week (14 days)
- 75% prior to the end of the fourth week (28 days)
- 50% prior to the end of the sixth week (42 days)
- 25% prior to the end of the eighth week (56 days)
- 0% after the eighth week (57 days and after)

- Classes 11 weeks in length: 100% prior to the end of the eleventh day (11 days)
- Classes 10 weeks in length: 100% prior to the end of the tenth day (10 days)
- Classes 9 weeks in length: 100% prior to the end of the ninth day (9 days)
- Classes 8 weeks in length: 100% prior to the end of the eighth day (8 days)
- Classes 7 weeks in length: 100% prior to the end of the seventh day (7 days)
- Classes 6 weeks in length: 100% prior to the end of the sixth day (6 days)
- Classes 5 weeks in length: 100% prior to the end of the fifth day (5 days)
- Classes 4 weeks in length: 100% prior to the end of the fourth day (4 days)
- Classes 3 weeks in length: 100% prior to the end of the third day (3 days)
- Classes 2 weeks in length: 100% prior to the end of the second day (2 days)
- Classes 1 week or less in length: 100% prior to the end of the first day (1 day)

*Note: Flat rate tuition and fees may result in different or no adjustments.*

**Withdrawal from Graduate Programs**

Student Withdrawal. To withdraw from the University, the student must complete the official form obtained from Merrill Center. If a student does not complete the form, but does not register for two consecutive semesters, this will constitute program withdrawal. If a student voluntarily withdraws from the program s/he must re-apply.

Students may appeal academic and administrative decisions by following the Appeals Process section of this catalog.

**M.S.Ed. in Educational Leadership**

A student who finds it necessary to withdraw from a course that is part of the core program must meet with the Associate Dean of Graduate and Continuing Education to plan an appropriate, alternative course of study to maintain as much of the sequencing and essence of a cohort as possible.

**M.S.Ed. in Early Childhood**

Due to the program course rotation cycle, withdrawal from a course could extend the graduation date. In the event that a student must withdraw from a course, contact with the advisor is necessary.

**M.S.Ed. in Special Education**

Due to the program course rotation cycle, withdrawal from a course could extend the graduation date. In the event that a student must withdraw from a course, contact with the advisor is necessary.

**M.A. in Counseling Psychology**

Due to the program course rotation cycle, withdrawal from a course could extend the graduation date. In the event that a student must withdraw from a course, contact with the advisor is necessary.

**Certificate Program**

A student is expected to make consistent progress towards the certificate and maintain regular communication with his/her academic advisor. If a student does not enroll in a course for two consecutive terms when an appropriate course is offered, a space in the program will not be maintained, and the student will be withdrawn from the certificate program. The student may request re-activation by completing the Intent to Participate form.
Dismissal from an Master’s Degree Program

A. Academic Dismissal. If a student has not made satisfactory academic progress toward fulfilling degree requirements, the student may be dismissed from the University.

B. Administrative Dismissal. A student may be dismissed from the program for reasons of a professional nature as determined by the Associate Dean of Graduate and Continuing Education in consultation with the Associate Provost and Dean of the College of Education, Health, and Rehabilitation or College of Arts and Sciences.

Student Appeals and Complaints

Academic Grade Appeal Policy

Under certain limited circumstances, a student may appeal a grade awarded by a faculty member in a course. Because the faculty member who issued the grade is in the best position to evaluate the performance of students enrolled in his or her course, the faculty member’s academic judgment and academic evaluation of a student’s work shall not be reviewable.

However, a student may appeal a grade if he or she can demonstrate that the faculty member: (1) failed to follow published evaluation criteria for the course; (2) disregarded published academic policy; or (3) used non-academic criteria to evaluate the student’s work in an unfair or discriminatory way. A student with a grievance of this sort against a faculty member may appeal following procedures outlined below.

1. The student must file a written complaint with the faculty member. The written complaint should be submitted within ten days from the day the grade is posted. It should detail the reason for the appeal and should provide any available supporting evidence. The student should also submit a copy of the complaint to the Associate Dean of Graduate and Continuing Education, or the Associate Provost and Dean of the College of Education, Health, and Rehabilitation if the instructor involved in the appeal is the Associate Dean of Graduate and Continuing Education.

2. If the Associate Dean of Graduate and Continuing Education (or Associate Provost and Dean of the College of Education, Health, and Rehabilitation, if appropriate) does not receive written notification from either the faculty member or the student of resolution of the issue within ten business days, the Associate Dean of Graduate and Continuing Education (or Associate Provost and Dean of the College of Education, Health, and Rehabilitation) will schedule a hearing with those involved. The Associate Dean of Graduate and Continuing Education (or Associate Provost and Dean of the College of Education, Health, and Rehabilitation) must provide a written record of the hearing and submit a recommendation in writing to those involved.

3. If, after five academic days following the hearing with the Associate Dean of Graduate and Continuing Education, the matter remains unresolved, the student, the faculty member, or both may appeal to a Graduate Council hearing panel. This panel shall consist of three members chosen by lot from the Faculty Senate, excluding members from the same division as the faculty member being grieved.

4. The appeal to the Faculty Senate must be in writing and accompanied by all previous written material concerning the matter.

5. The Senate panel shall call a hearing at which the student and the faculty member will be invited to appear. The Associate Dean of Graduate and Continuing Education may attend at the request of the student, the faculty member or the hearing panel.
6. The Senate panel shall act as arbiter of the grievance before it, and its decision regarding the issue before it shall be binding on all parties to the dispute. The decision of the Senate panel shall be communicated to the student and the faculty member within five days of the hearing.

7. If the Senate panel decides that the student's grade should be changed, the faculty member must change the grade within ten academic days of receiving notification of Senate panel's decision. If, after ten days, the faculty member has not changed the grade and there is no appeal to the Vice President for Academic Affairs/Provost (VPAA) pending, the Senate panel shall refer the matter to the VPAA, who shall change the grade.

8. If either the student or the faculty member wishes to appeal the decision of the Faculty Senate panel, he or she may do so within five academic days of receiving written notification from the panel. To appeal the decision, the student or faculty member must submit a request for appeal to the VPAA. The appeal must be in writing and accompanied by all previous written materials concerning the matter.

9. The decision of the VPAA shall be communicated to the student and the faculty member in writing. This decision shall be final and binding, and all parties shall be required to adhere to it. If the VPAA decides that the grade should be changed, the faculty member must change the grade within five academic days of receiving written notification of the VPAA's decision. If the grade has not been changed after five academic days, the VPAA shall change the grade.

**Appeal Process**

It is presumed that the administrative decisions regarding students and students' records are made in an environment of mutual confidence and respect among the persons involved in the process. However, there may be a case where a student might question the decisions made. If so, the procedure for appeal is as follows:

1. The student first requests, in writing, the decision-maker to reconsider on the basis of information or insight provided by the student. A response to the appeal must be made within ten business days.

2. If dissatisfied with the response, the student may appeal to the supervisor to whom the decision-maker reports. The second appeal must be in writing. The supervisor has ten business days to respond.

3. A final appeal may be made in writing to the Vice President for Academic Affairs/Provost (VPAA). It is at the VPAA's discretion whether or not the student's appeal will be considered.

4. Exceptions to the above:
   a. Discipline cases are governed by the Conduct Code to be found in the Student Handbook or other legal documents.
   b. Parking tickets are handled by Public Safety and the local court system.
   c. Decisions relating to a professor or classroom situation (not involving grades) are appealed as follows:
      i. Professor
      ii. Associate Dean of Graduate and Continuing Education or Director of Educational Outreach
      iii. Associate Provost and Dean of the College of Education, Health, and Rehabilitation
Non-discrimination Notice

- The University of Maine at Farmington does not discriminate on the grounds of race, color, religion, sex, sexual orientation, including transgender status and gender expression, national origin, citizenship status, age, disability, genetic information or veteran status in employment, education, and all other programs and activities.
- Questions and complaints about discrimination in any area of the University should be directed to the Equal Opportunity/Affirmative Action Officer, 224 Main Street, Farmington, Maine 04938; telephone: 207-778-7271; TTY: 207-778-7000; email: umf.hr@maine.edu. More information is also available here [http://www.umf.maine.edu/about/diversity-aa-statement/](http://www.umf.maine.edu/about/diversity-aa-statement/).

Disability Accommodations

Students requesting academic accommodations should be directed to:

Coordinator of Academic Services for Students with Disabilities
252 Main Street
Farmington, ME 04938
(207) 778-7295 (voice) or (207) 778-7214
(207) 778-7000 (TTY/TDD)

For further information, see policies at this site: [http://www2.umf.maine.edu/accessibility/](http://www2.umf.maine.edu/accessibility/)

Inquiries about the application of the Americans with Disabilities Act should be directed to:

Director of Facilities
ADA Compliance Officer
Department of Facilities Management
147 Farmington Falls Road
Farmington, ME 04938
(207) 778-7009 (voice) or (207) 778-7000 (TTY/TDD)

FERPA

The University of Maine at Farmington (UMF) hereby informs students of the Family Educational Rights and Privacy Act of 1974. This Act, with which UMF intends to comply fully, was designed to protect the privacy of education records, to establish the rights of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Education Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act. Local policy explains in detail the procedures to be used by the institution for compliance with provisions of the Act. The Policy can be found on myCampus; a copy can be requested from the Office of the Registrar. This office also maintains a Directory of Records which lists all education records maintained on students by this institution. Questions concerning the Family Education Rights and Privacy Act may be referred to the Office of the Registrar.
Accreditation
NECHE
The University of Maine at Farmington is accredited by the New England Commission of Higher Education (NECHE).

Accreditation of an institution by NECHE indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

NECHE accreditation is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the accreditation status by NECHE should be directed to the administrative staff of the institution. Individuals may also contact the New England Commission of Higher Education: 3 Burlington Woods Drive, Suite 100, Burlington, Massachusetts 01803-4514; telephone: 781-425-7785.

Professional Licensure and Certification Notice
Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their degree program should be aware that their host facility may require a criminal background check, fingerprinting, or drug screening. In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internships, it will be up to the host facility to determine whether a student will be allowed to work at that facility. Students should further be aware that a criminal record may jeopardize licensure by the state certification body. Students may consult the certification body corresponding to their intended occupation for more details. Successful completion of a program of study at the University of Maine at Farmington does not guarantee licensure, certification, or employment in the relevant occupation.

Use of this Catalog
This catalog provides information to students but should not be considered a contract between a student and the University of Maine at Farmington. While we make every effort to provide information that is accurate at the time the catalog is prepared, changes may occur without prior notice in such areas as program offerings, curricula, tuition and fees, degree requirements, regulations and policies, schedules, courses, and other matters contained herein. Such changes may apply to students currently enrolled as well as to prospective students.