Master of Arts in Teaching Courses

Master of Arts in Teaching

MAT 600 Culture, Family, and Community (3)
As ethnic minority students from many different cultures enter the public school system in ever-increasing numbers, teachers are experiencing difficulty in developing practical skills and knowledge that will aid them in teaching these new students effectively. This in-depth, intense field experience is designed to take students out of their cultural comfort zones and into the homes and culture of different socioeconomic and ethnic racial groups.

MAT 601 Technology and Teaching (1)
This course introduces pre-service teachers to constructivist methods of teaching with technology and to a variety of technologies available for classroom integration. Students learn skills in developing instructional and learning strategies for classroom applications of the Internet, multimedia presentation software, web-based learning tools, digital and video cameras, and educational software and tools. Through readings and hands-on application of technology, students develop and teach lessons based on specific theories and learning outcomes.

MAT 602 Introduction to Education (3)
An exploration of how schools have evolved, the political, economic, and social forces that shape those schools today, and the major issues facing public educators. The course helps students understand the differing belief systems that shape public education and gives students background for articulating their own beliefs about teaching and learning.

MAT 603 Clinical Student Teaching (5)
Provides mentored classroom experience under the supervision of a certified secondary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor.

MAT 604 Learning Theory (2)
This course is designed to introduce students to basic theories (with an emphasis on social transformational theories) that provide frameworks for educational scholarship and practice. Students will examine, integrate, and apply various dynamics and principles of learning theories to practical classroom environments. Emphasis is placed upon the joining of learning theory and instructional practice, as a means to personal transformation of teacher professionals. Students should find this information directly applicable to classrooms today. The readings will guide students toward understanding a critical perspective on the sociology of schooling.

MAT 605 Diversity and Learning (3)
This class introduces multifaceted issues associated with educating children in American society. Students will learn about inclusive education—a movement that involves parents, educators, and community members who are seeking to promote a caring and accepting community environment within schools and other social settings. Students will develop heightened awareness of societal expectations for educators to educate all learners, supplying an appropriate and validating environment to facilitate the highest quality education.

MAT 606 Travel Seminar (2)
This course will provide students an opportunity to learn more about their discipline(s) by visiting cultural minority communities. Following preparation sessions on campus, the class will travel to a site or sites and visit with host groups working in the students’ disciplines. Students will conduct interviews, visit relevant sites, and attend cultural events. A major purpose of the seminar is for students to gather, organize, and share materials and resources which can be used in their teaching.

MAT 607 Teaching and Research Seminar (1)
This seminar provides a forum for teacher candidates to address concerns, share information and network with supportive peers and faculty members. It is also the forum for the final development of each student’s Portfolio. Students will also attend a Career Center Workshop.
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Students will examine, integrate, and apply various dynamics and principles of classroom management to practical classroom environments. This course will prepare prospective secondary teachers to create a personal classroom management plan for their classes. Discipline, interpersonal relationships, classroom climate, home and parent involvement, and inspiring students to become motivated learners will be addressed.

This course covers the principles and practices of secondary school teaching. Included are instructional methodologies, management techniques, strategies, approaches, and philosophies that are workable in today's middle and high schools.

The seminar provides a forum for discussion on the linkages and curriculum threads among the methods courses and provides opportunities for team presentations on their burgeoning teaching skills. Students work on their portfolios and complete preparations for doing the Teacher Work Sample during their student teaching semester.

This course provides educators with the opportunity to reflect on their classroom assessment beliefs and practices. Formal discussions focus on the selection, design, administration, and interpretation of a variety of assessment methods. It will examine the use of assessment results to make instructional decisions, plan instructional activities, and develop appropriate grading practices. Discussions are designed to stimulate thought and provide specific opportunities through which teachers can develop effective assessment practices.

This course provides students with a pedagogical and dynamic background in the field of literacy and applications in content areas. Students will encounter a definition of literacy that includes reading, writing, listening, and speaking. A framework for literacy will provide an overview of literacy and components. Theory, research, and practice as presented in current literature will serve as a foundation/resource for students in the course. Students will read texts for an examination of the relationship between research and practice. Effective research-based strategies are examined and applied. Students will also read supplementary material for content area information in specific areas.

Provides mentored classroom experience under the supervision of a certified secondary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor.

This course covers principles, methods, and materials, from both a theoretical and a practical perspective, for teaching secondary history and social science.
This course will prepare secondary teachers in the use and understanding of the scientific method and inquiry based learning. In addition students will learn curriculum planning, development, and assessment.

**MAT 619**  
Methods of Teaching Secondary School (3)  
English  
Preparation for secondary and elementary teaching majors and minors to each English in a culturally rich school setting. Includes methods of teaching language, grammar, composition and literature.

**MAT 621**  
Methods of Teaching Secondary School (3)  
Art  
This course is an overview of the methods of secondary art education. It explores the content areas of art education (studio art, art criticism, art history and aesthetics) as well as teaching approaches. This course is a hands-on methods course in which students are required to design and implement secondary level art lessons and experiences.

**MAT 622**  
Methods of Teaching Secondary School (3)  
Mathematics  
An overview of methods employed in teaching mathematics at the secondary level. Students develop understandings of what it means to be a math teacher as they work with school mentors.

**MAT 624**  
Methods of Teaching Secondary School (3)  
World Languages  
This course is designed to give students new ideas and approaches for teaching the four language skills and to establish and maintain effective classroom communities of world language learners. The course will emphasize learner differences, cognitive development, and learning styles along with the different modes of language assessment.

**MAT 625**  
Methods of Teaching Secondary School (3)  
Fine Arts  
This class explores the culture of what it means to be a teacher of theatre and/or music in a secondary school. The focus is primarily on the practical aspects of teaching these disciplines including exploring interconnections between the discipline and classroom management, assessment techniques, lesson planning, and the use of rubrics to assess teacher effectiveness and student learning.

**MAT 626**  
Special Topics in Master of Arts (3)  
Teaching  
A changing topics course.

**MAT 627**  
Technology for Teachings Exceptional (2)  
Learners  
Technology can be a powerful instructional tool in both the special and general education classrooms. Instructional Technology (IT) can be used by special educators to facilitate the delivery of instruction while Assistive Technology (AT) can be used to help students with disabilities to function more independently in the classroom and beyond. Students will become familiar with a wide variety of technologies and their applications for students with mild-moderate disabilities, sensory impairments, physical disabilities, severe disabilities, and communication disorders. In addition, students will learn methods for evaluating the technology needs of individuals with disabilities and how to identify the most appropriate technology for students with disabilities.

**MAT 630**  
Elementary Methods and Management (2)  
Students will design integrated, thematic curriculum that is developmentally appropriate for all elementary school students (K-6). Family-to-school bridge building is addressed with emphasis on building multilingual and cross-cultural connections. Emphasis will be given to understanding the roles early childhood educators play in recognizing, addressing, and potentially referring students with special needs.

**MAT 631**  
Math for Elementary Teachers (2)
This course is a concept-oriented exploration of selected mathematical topics from the main mathematical strands of early childhood and elementary education. The emphasis is on developing underlying conceptual and relational understandings of these topics and becoming familiar with models for teaching these concepts in the early childhood and elementary classrooms. Students will examine how concepts connect and grow across the K-6 grade levels.

MAT 632 Science Methods (3)
Stimulates thinking about various methodologies used in elementary science education by exploring and questioning our preconceived ideas through hands-on, inquiry-oriented experiences, discussions, readings, and field work in the classroom. This course will prepare you to use and understand the scientific method, curriculum planning, curriculum development, and alternative methods of assessment.

MAT 633 Elementary Mathematics Methods (3)
Examines current directions in how students learn mathematics in order to promote thinking about best practices for teaching K-6 children mathematics. The emphasis is on understanding a variety of instructional practices, assessment strategies, and curriculum development to plan for effective teaching and learning.

MAT 636 Social Studies Methods (3)
This course covers principles, methods, and materials, from both a theoretical and a practical perspective, for teaching social studies in the elementary school. It explores the six disciplines of social studies (history, geography, economics, government, sociology, and anthropology), and the interdisciplinary nature of a social studies education.

MAT 637 Creative Arts Methods (3)
This course will introduce prospective early childhood and elementary teachers to the value of incorporating the arts into the classroom. Methods, resources and materials in four areas of the arts (visual art, music, creative movement/dance, and drama) will be explored. This class is designed to involve prospective teachers in developing ways of teaching the creative arts in the elementary classroom setting.

MAT 639 Elementary Student Teaching (4-6)
Provides mentored classroom experience under the supervision of a certified elementary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor.

MAT 640 Elementary Methods Seminar (1)
The seminar focuses on classroom management skills. Students also work on their portfolios and complete preparations for doing the Teacher Work Sample during their student teaching semester.

MAT 660 Directed Studies (1-3)
Consent of instructor required to pursue a special topic of topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the MAT Program. Requires permission of course instructor and school dean. This course is repeatable for credit.

MAT 661 180 Days Clinical Student Teaching (2)
This course provides mentored classroom experience under the supervision of a certified secondary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor.

MAT 663 Literacy Foundations, Assessment, and Instruction (3)
Research-based literacy assessments, processes, and instructional practices will be studied and then practiced in the field. In addition to a K-6 classroom field placement, a 15-hour assessment and intervention experience with a struggling reader is required. Must be taken with MAT 669.

MAT 664 Reading and Language Arts (3)
Provides contact with lessons, materials, methods, research, and theory for the elementary
teaching in language arts skills and strategies for application in the K–8 classroom. We examine
various instructional strategies and adaptations in language arts for all learners through
critical text readings, shared experiences, field placement, demonstrations, hands-on activities,
and active student inquiry and participation.

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 669</td>
<td>Literacy Assessment and Intervention</td>
<td>1</td>
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<td>Students will practice concepts studied in EDUC 363 as they tutor readers in Title I schools on a weekly basis. Must be taken with MAT 663.</td>
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<td>MAT 671</td>
<td>Methods of Instruction and Curriculum for K-6 Mild/Moderate Special Education</td>
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<td>This course explores the current research on best practices regarding curriculum and instruction for students with mild to moderate disabilities in K-6 settings. Students learn to apply interventions that assist students with learning difficulties in reading, math, and written and oral expression. Students also learn to use instructional and assistive technologies to enhance the learning of students with disabilities. Students are required to spend twenty clock hours in a field placement.</td>
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<td>MAT 672</td>
<td>Methods of Instruction and Curriculum for 7-12 Mild/Moderate Special Education</td>
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<td>This course explores the current research regarding methods to serve students with disabilities in the general education classroom. Students learn to apply learning strategies to reading, writing, mathematics, and study skills. Students also develop transition programs and learn to use instructional and assistive technologies to enhance the learning of students with disabilities. Students are required to spend fifteen clock hours in a field placement.</td>
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<td>MAT 673</td>
<td>Special Education Assessment</td>
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<td>This course emphasizes statistical procedures and processes for collecting and analyzing norm referenced assessment, observational information, curriculum based assessment, criterion referenced assessment and environmental assessment in special education evaluation and in development of special education programming for students with mild to severe learning and behavioral disabilities.</td>
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<td>MAT 674</td>
<td>Special Education Behavioral Supports</td>
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<td>This course is designed to explore theories and their application to create effective environments for students with behavioral challenges. Specifically, the course will focus on the integration of methods and techniques for addressing the behavioral, academic, and social development of students in special education.</td>
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<td>MAT 676</td>
<td>Student Teaching Special Education</td>
<td>4-6</td>
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<td>This course provides full time classroom teaching experience in a special education setting under the supervision of a certified teacher. Students complete their practice teaching while assessing their progress through self-reflection and action research.</td>
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<td>MAT 677</td>
<td>Facilitating Services Across Disciplines</td>
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<td>This course is designed to help educators develop in-depth theoretical and practical knowledge of effective, research-based assessment and intervention for struggling readers who are “stuck” between mid-1st and end-2nd grade levels. The course follows a practicum model in which educators develop a conceptual framework for reading development and effective intervention through an intensive, mentored clinical experience and uses the intervention model Next Steps, a compilation of effective, research-based assessment and intervention techniques, designed for students experiencing reading difficulties.</td>
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<td>MAT 681</td>
<td>Methods of Instruction and Curriculum for K-6 Severe Special Education</td>
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Prepares special educators to deliver quality educational services to students with severe learning and behavioral disabilities. Students will conduct three instructional programs in the areas of discrimination task, motor task, and habit, rule or discrete behavior chain. Students will also learn how to determine instructional needs, develop IEPs, use prompting and fading strategies, implement differential reinforcement and error correction, and understand how to analyze the learning environment for the impact it has on students.

**MAT 682 Methods of Instruction and Curriculum for 7-12 Severe Special Education (3)**

Prepares students with an understanding of the foundations of curriculum and instruction for secondary school students with severe learning and behavioral disabilities. Students will conduct three instructional programs in the areas of functional literacy, functional math, and personal leisure, management, or employment. Students will also learn about instructional grouping, distribution of instructional trials, and inclusion in the general education curriculum. A specific focus will also be on transition programming for students in secondary education programs.

**MAT 686 Student Teaching Special Education Severe (4-6)**

This course provides full time classroom teaching experience in a special education setting under the supervision of a certified teacher. Students complete their practice teaching while assessing their progress through self-reflection and action research.