

TEACHING & LEARNING (M.S.)

The Master of Science in Education degree programs are designed to provide educators with relevant coursework that will increase their understanding of current educational theories, research and practice. The programs emphasize the application of learning theory in instruction, curriculum development, and educational leadership. Various concentrations are available to provide challenging content designed to meet the demands of the changing teaching profession. This flexibility allows an individual, particular cohort of professionals, school or building to customize the graduate curriculum to meet specific needs.

The **Teaching and Learning** major, provides the opportunity for a school district or a cohort of teachers to select a concentration of courses designed to meet specific areas of interests and academic needs. The 12 hours of core courses provide course work in data-driven decision making, instructional improvement and educational research. The remaining 18-27 hours of course work is determined by the individual, school, or district need. The program assists teachers and administrators to address the myriad of issues and needs which school communities face in a climate of evolving standards, curriculum change, school improvement and strategic planning efforts. The purpose and intent of the Teaching and Learning Program is to help teachers discover ways to improve the academic achievement of students and develop professional school leadership.

Teaching and Learning Major (30-38 credit hours)

Code	Title	Hours
Required Core Courses		
MSED 608	Cultural Awareness	1
MSED 609	Introduction to Service Learning	1
MSED 610	Methods of Educational Research	3
MSED 620	Data Driven Decision Making	3
MSED 650	Designing Effective Instruction	3
MSED 693	Using Domains to Frame Instruction	1
Select one of the following concentrations:		18-26
Adult TESOL (Teachers of English to Speakers of Other Languages) (p. 1)		
Best Practices (p. 1)		
Bilingual Education (p. 1)		
Differentiated Instruction (p. 1)		
Educational Technology (p. 2)		
English as a Second Language (ESL) (p. 2)		
Health Education (p. 2)		
Instructional Coaching (p. 2)		
Reading (p. 2)		
Special Education (p.)		
Total Hours		30-38

Adult TESOL (Teachers of English to Speakers of Other Languages Concentration) (18 credit hours)

Code	Title	Hours
Required Courses ¹		
MSED 631	Theoretical Foundations of Bilingual and ESL	4

MSED 634	Cross Cultural Studies for Teaching Limited-English Proficient Students	3
MSED 636	Linguistics	4
MSED 653	Methods and Materials for Teaching Adult English Language Learners	4
MSED 688	Assessment of the Adult English Language Learner (ELL)	3
Total Hours		18

¹ Some courses within the TESOL concentration may be substituted with the EEND equivalent course.

Candidates who have completed English as a Second Language concentration coursework may take additional coursework to complete the TESOL concentration.

Best Practices Concentration (18 credit hours)

Working in conjunction with your academic advisor, the College of Education can customize a concentration to meet the specific needs of an individual, particular cohort of professionals, school, or building.

Code	Title	Hours
Select 18 credit hours of the following:		18
EEND	Selected courses from 600 - 799	
MSED	Selected courses from 600 - 799	
REAL	Selected courses from 600 - 799	
RECT	Selected courses from 600 - 799	
REND	Selected courses from 600 - 799	
Total Hours		18

Bilingual Education Concentration (18 credit hours)

Code	Title	Hours
MSED 631	Theoretical Foundations of Bilingual and ESL	4
MSED 632	Methods and Materials for Teaching English as a Second Language	4
MSED 633	Assessment of Bilingual and ESL Students	3
MSED 634	Cross Cultural Studies for Teaching Limited-English Proficient Students	3
MSED 637	Methods and Materials for Teaching Bilingual Students	3
MSED 638	Supporting Multilingual Learners in the Inclusive Classroom	1
Total Hours		18

Each course within the Bilingual Education concentration may be substituted with the EEND equivalent course.

Differentiated Instruction Concentration (18 credit hours)

Code	Title	Hours
Required Courses		
MEDU 640	Development and Characteristics of Individuals with Special Needs	3
MSED 602	Survey of Gifted Education	3
MSED 611	Serving English Language Learners with Special Needs	3

MSED 613	Differentiated Instruction	3
MSED 614	Behavior Strategies for Heterogeneous Classroom	3
MSED XXX	Elective	3
Total Hours		18

Each course within the Differentiated Instruction concentration may be substituted with the EEND equivalent course.

Educational Technology Concentration (18 credit hours)

Code	Title	Hours
Select 18 credit hours of the following:		18
MSED 612	Techsplorations: Technology Awareness for Today's Students (1)	
MSED 675	Foundations of Educational Technology (3)	
MSED 676	Collaborative Web Tools in Education (3)	
MSED 677	Multimedia Tools in Education (3)	
MSED 678	Effective Technology Integration Into Lessons and Curriculum (3)	
MSED 679	Assessing and Improving Student Achievement with Technology (3)	
MSED 680	Educational Technology Coaching (3)	
MSED 682	(BYOT) Bring Your Own Technology Lesson Strategies and Management Issues (1)	
MSED 683	Using Technology to Flip Learning (1)	
MSED 699	Managing Education Tech Services (3)	
MSED 713	Engaging e-Learning (3)	
Total Hours		18

Each course within the Educational Technology concentration may be substituted with the EEND equivalent course.

English as a Second Language Concentration (ESL) (18 credit hours)

Code	Title	Hours
Required Courses		
MSED 631	Theoretical Foundations of Bilingual and ESL	4
MSED 632	Methods and Materials for Teaching English as a Second Language	4
MSED 633	Assessment of Bilingual and ESL Students	3
MSED 634	Cross Cultural Studies for Teaching Limited-English Proficient Students	3
MSED 636	Linguistics	4
Total Hours		18

Each course within the English as a Second Language concentration may be substituted with the EEND equivalent course.

Health Education Concentration (18 credit hours)

Code	Title	Hours
Select 18 credit hours of the following:		18
MSED 730	School Health Curriculum and Evaluation (3)	
MSED 731	Mental and Emotional Health in Education (3)	
MSED 732	Nutrition in Education (3)	
MSED 733	Drug Education (3)	
MSED 734	Teaching Personal Health (3)	

MSED 735	Environmental Health in the Classroom (3)	
MSED 736	Disease Prevention in Education (3)	
MSED 737	Teaching Human Sexuality In Education (3)	
Total Hours		18

Each course within the Health Education concentration may be substituted with the EEND equivalent course.

Instructional Coaching Concentration (18 credit hours)

Code	Title	Hours
Select 18 credit hours of the following:		18
MSED 741/ EEND 645	Instructional Coaching and Professional Development (3)	
MSED 746/ EEND 646	Instructional Coaching Cycle (3)	
MSED 747/ EEND 647	Data Informed Instructional Coaching (3)	
MSED 748	Instructional Coaching Practicum (3)	
MSED 749/ EEND 649	Student-Centered Instructional Coaching (3)	
Elective: MSED 600-799 or EEND 600-799 or REAL 600-799 or REND 600-799 or MEDU 600-799		
Total Hours		18

Reading Concentration (18 credit hours)

Code	Title	Hours
Select 18 credit hours of the following:		18
MSED 641	Foundations of Literacy (3)	
MSED 642	Literacy Assessment and Diagnosis (3)	
MSED 643	Exploration of Literature Strategies and Materials for Student Achievement (3)	
MSED 644	Utilizing Literature in the Classroom (3)	
MSED 647	Literacy and Diverse Learners (3)	
MSED 648	Developing Competent Writers (3)	
MSED 651	Reading Teacher Practicum (1)	
MSED 689	Disciplinary Literacy (3)	
MSED 745	Literacy Instructional Support (3)	
MSED 752	Dyslexia Awareness and Best Practice (2)	
Total Hours		18

Each course within the Reading concentration may be substituted with the REND equivalent course.

Special Education Concentration (22-26 credit hours)

Code	Title	Hours
Required Courses		
MEDU 640	Development and Characteristics of Individuals with Special Needs	3
MEDU 641	Legal and Historical Foundations in Special Education	3
MEDU 642	Assessment & Diagnosis in Special Education	3
MEDU 644	Specialized Curriculum and Methods in Special Education	3
MEDU 645	Communication, Collaboration and Transition in Special Education	3

MEDU 646	General Literacy Methods ¹	2
MEDU 647	General Mathematics Methods ¹	2
MEDU 648	Language Development and Teaching Methods for Moderate and Severe Disabilities	3
MEDU 696	Subsequent Endorsement Field Experience	1
SPED 646	Special Education Subsequent Field Experience	3
Total Hours		26

¹ Transcript evaluation may be used.

Some courses within the Special Education concentration may be substituted with the EEND equivalent course.