

M.A.Ed. IN COMPREHENSIVE EDUCATION (STEM TRACK)

The Master of Arts in Comprehensive Education: STEM (Science, Technology, Engineering, and Math) program at WCU is designed for teachers who already have an A level elementary education teaching license, middle grades math or science license, or a secondary math or science license. Our online-only program offers an innovative and challenging curriculum designed to prepare teachers to develop and apply research skills and expand and deepen content area knowledge in order to provide opportunities for curriculum development and exploration of current methodology.

PROGRAM HIGHLIGHTS:

- 100% online programming totaling 30 credit hours that can be completed in as little as two years
- The program is aligned to the National Board Teaching Standards and the North Carolina Professional Teaching Standards
- Availability of grants, scholarships, and forgivable loan programs

ADMISSION REQUIREMENTS:

- Applicants must hold (or be eligible to hold) a North Carolina Class A teaching license, or a comparable license from another state.
- In addition to the Graduate School Admission requirements, applicants must submit:
 - A letter of intent describing reasons for pursuing the M.A.Ed. in STEM Education, professional goals as a participant in the program, and possible research interests.
 - Three recommendations from former instructors or employers who can judge the applicant’s aptitude for graduate study.

REASONS TO EARN THE M.A.Ed.:

- Graduate school provides connection and camaraderie with others in the profession.
- Graduate programs provide great support and resources for teachers pursuing National Board Certification.
- Graduate programs keep professional educators connected with research and new developments in the field.
- The M.A.Ed in Comprehensive Education: STEM is a stepping-stone to a doctoral program in education.

REQUIRED COURSES (30 TOTAL CREDIT HOURS):

REQUIRED PROFESSIONAL CORE COURSES (12 HOURS):	GOALS	CREDIT HOURS
EDCI 609: Assessment of Instruction	Assessment	3
SPED 620: Education in a Diverse Society	Diversity	3
-OR-		
SPED 640: Universal Design for Learning		
EDCI 616: Advanced Studies in Teacher Leadership	Leadership	3
EDCI 610: Methods of Research	Research	3
REQUIRED COURSES IN STEM (18 HOURS):		CREDIT HOURS
STEM Courses:		
EDCI 620: Issues and Trends in STEM Education		3
EDCI 621: Methods of STEM Education		3
EDCI 622: Engineering Projects for K-12 Educators		3
EDCI 623: Innovative Uses of Technology in STEM Education		3
REQUIRED CAPSTONE COURSES (6 HOURS):		CREDIT HOURS
EDCI 696: Teacher Research in K-12 Classrooms I: Planning		3
EDCI 697: Teacher Research in K-12 Classrooms II: Implementation		3

FOR MORE INFORMATION:

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