

Western Carolina University  
**MAT Comprehensive Education: STEM Concentration**  
 Effective Fall 2020, 36 hours total

**Program Description:** The MAT was designed to enable students holding degrees other than education degrees to study in selected teaching programs at the advanced graduate level. Candidates must have an undergraduate degree in the major of the concentration and must meet the prerequisite requirements of the department housing the concentration. Candidates with an undergraduate degree in a major other than the MAT concentration may not qualify for the MAT.

The program leading to the MAT degree in comprehensive education requires a minimum of 36 semester hours of graduate study. The MAT requires students in all concentrations to complete 21 semester hours in the professional core. A year-long internship or the equivalent is required. The specific requirements for each concentration are listed in each concentration area.

The Comprehensive Education MAT has two phases. Successful completion of phase one leads to recommendation for an initial level teaching license from the North Carolina Department of Public Instruction, pending completion of all state-mandated requirements. Phase two leads to recommendation for an advanced level teaching license from the North Carolina Department of Public Instruction, again pending completion of all state-mandated requirements.

Degree requirements include satisfactory completion of the Comprehensive Portfolio (may be waived for National Board certification).

<b>Initial Licensure coursework (Phase I) leading to a NC Initial Professional License (IPL) at the Bachelor's Level</b>		
	<b>Term</b>	<b>Grade</b>
EDCI 500 Introduction to Teaching (3)		
EDCI 501 Culturally Responsive Classroom Management (3)		
SPED 639 Teaching Exceptional Learners in Inclusive Classrooms (3)		
EDCI 609 Assessment of Instruction (3)		

<b>Initial Licensure Internship</b>		
EDCI 583 Internship I in Secondary Education and Special Subject Areas (3)		
EDCI 689 Internship II in Secondary Education and Special Subjects Areas (3)		
EDCI 695 Seminar in Reflective Practice in Teaching (3)		
<b>** Internship is designed as a sequential fall/spring two-semester, supervised field experience in a school setting. Internship should be completed in the subject &amp; grades of the licensure concentration. One initial licensure course may be taken with EDCI 583. All initial licensure coursework should be completed prior to EDCI 689/EDCI 695 (Intern II). This is not a paid internship. However, residency license teachers may complete Internship using their own classrooms.</b>		

<b>Advanced Licensure and Master of Arts in Teaching (MAT) coursework (Phase II) leading to an Advanced (M-level) license</b>		
EDCI 616 Advanced Studies in Teacher Leadership (3)		
ELMG 620 Issues and Trends in STEM Education (3)		
ELMG 621 Methods of STEM Education (3)		
ELMG 622 Engineering Projects for K-12 Educators (3)		
ELMG 623 Innovative Uses of Technology in STEM Education (3)		

- Admission to Teacher Education ([teachereducationapp.wcu.edu](http://teachereducationapp.wcu.edu)) is required before registering for ANY education classes after the first semester. This includes a comprehensive background check via Certiphi (\$).
- Application for any field experience must be completed prior to the OFE deadline in the semester prior to the required class. Students will be placed in the same location for EDCI 583 and EDCI 689 if at all possible.
- Admission to Teacher Education and the application for field experience are within the Tk20/Watermark system. A subscription is required (\$).
- Initial Licensure may be recommended after successful completion of initial licensure coursework, edTPA, and required licensure tests (<https://www.dpi.nc.gov/educators/educators-licensure>). NC requires successful completion of specific PRAXIS II tests (based on content area) prior to recommendation for Initial Licensure.