

TEACHER EDUCATION FOR INITIAL CERTIFICATION, MAT (0495)

Program Coordinator

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The MAT in Teacher Education for Initial Certification provides students with the pedagogical knowledge and skills to become highly qualified educators who will apply state-of-the-art, evidence-based, best teaching practices to increase student achievement. Graduates will gain competencies in theory, research, and application of best teaching practices in their respective fields.

The degree offers three concentrations: Elementary Education (grades K-5); Middle or Secondary Education (grades P-12 or 5-12 or 8-12 depending on certification area); and, Secondary Science and Mathematics Residency (grades P-12).

Students in this program may or may not hold a temporary provisional teaching certificate. Program faculty advisors will assist students in selecting appropriate coursework and culminating experiences to meet their career goals. Contact the Office of Professional Educator Services for more information about teacher certification.

Concentration(s)

- Elementary Education (EEED)
- Middle or Secondary Education (EMSE)
- Secondary Science and Mathematics Residency (ERSM)

Program Admission

- Official transcript documenting an earned baccalaureate degree with a major in an approved certification area (see lists in the Overview) with a cumulative GPA of 2.75.
- Letter of application including professional goals
- Criminal background check
- Three letters of reference
- Physical examination (including TB test)
- Signed code of ethics
- PRAXIS II test with a passing score in the undergraduate major (not required for elementary concentration)

Graduate School Admission

Please refer to the admission section (<http://catalog.wku.edu/graduate/admission/>) of this catalog for Graduate School admission requirements.

Program Requirements (30 Hours)

Elementary Education Concentration

Code	Title	Hours
Required Courses		
EDU 589	Advanced Internship for the MAT	6
PSY 510	Advanced Educational Psychology	3
SPED 515	Education of Exceptional Children	3
LTCY 519	Literacy Development and Instruction	3

or LTCY 510	Methods of Teaching Literacy to Adolescents	
ELED 503	Organization of Elementary School Curriculum	3
ELED 505	Mat/Meth/Math/EI Teach	3
ELED 506	Seminar in Elementary School Science	3
ELED 507	Advanced Materials and Methods in Social Studies	3
ELED 509	Advanced Methods and Materials for Elementary Education	3
Total Hours		30

Middle or Secondary Education Concentration

Code	Title	Hours
Required Courses		
EDU 589	Advanced Internship for the MAT	6
PSY 510	Advanced Educational Psychology	3
SPED 515	Education of Exceptional Children	3
LTCY 519	Literacy Development and Instruction	3
or LTCY 510	Methods of Teaching Literacy to Adolescents	
EDU 520	Planning for Instruction ¹	3
EDU 522	Foundations of Differentiated Instruction	3
EDU 570	Educational Assessment for P-12 Learners	3
LITE 535	Survey of Educational Technology Practices	3
Choose one content-specific methods course: ²		3
SEC 534	Seminar in Mathematics Education	
SEC 535	Seminar in Music Education	
SEC 537	Seminar in Science Education	
SEC 538	Seminar in Social Studies Education	
SEC 546	Seminar in English Language Arts Methods	
SEC 573	Methods of Teaching Business and Marketing Education	
MLNG 474G	Teaching Foreign Language	
AGED 570	Methods of Teaching in Agriculture Education	
KIN 520	Teaching Strategies in Physical Education	
Total Hours		30

¹ Should be completed within the first 6 hours.

² Other courses may be approved by advisor. Students may not duplicate courses from other completed programs.

Secondary Science and Mathematics Residency Concentration (ERSM)

This is a cohort concentration. Please contact the School of Teacher Education prior to application for details.

Code	Title	Hours
Required Courses		
SMED 590	Teaching Internship	8
SMED 501	Designing Instructional Sequences in Secondary Math and Science	3
SMED 510	Advanced Topics in Knowing and Learning in Mathematics and Science	3
SMED 589	Science and Mathematics Education Internship Seminar	3
SMED 530	Literacy Support for Diverse Learners in Mathematics and Science	3
SMED 520	Management for Positive Learning Environments	3
SMED 560	Developing Professional Learning Communities for Instructional Improvement	3
SMED 620	Collaborative Research to Improve Mathematics and Science Teaching	3
SMED 630	Action Research Seminar	1
Total Hours		30