

# ADVANCED TEACHER EDUCATION, MAE (0500)

## Program Coordinator

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## Program Contact

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This program is designed to develop advanced educators who can positively impact student learning in their classrooms and schools. Courses and experiences include professional learning communities in which candidates interact with other graduate candidates from various content areas and grade levels to discuss and work on real world challenges and promising practices they encounter in schools.

The program is divided into two instructional components. The first component, professional education, provides 15 hours of study collaboratively developed between WKU and the administration of the specific school district in which the candidate is employed. This includes a study of education in positive behavioral supports, teaching strategies and curriculum development. The second component, the concentration, directs the candidate into an individual program in content, pedagogy, and/or areas of professional growth concurrent with the goals of each candidate.

This program is exempt from the maximum of 12 hours denoted in the Duplication of Coursework policy. All concentration hours may be duplicated on one additional graduate degree or certificate at the same level.

## Concentration(s)

- Addictions Education (ADED)
- Advanced Behavior Management (ABM)
- Agriculture (ATEA)
- Athletic Administration & Coaching (AAC)
- Chemistry (ATEC)
- College and Career Readiness (CCR)
- Earth Science (EASC)
- Elementary Education (ELED)
- Elementary Mathematics Specialist P-5 (KEM)
- English (ATEE)
- Environmental Education (KEV)
- Family and Consumer Science (FACS)
- Gifted and Talented Education (KE37)
- History (ATEH)
- Instructional Design (INDE)
- Instructional Computer Technology (KCT)
- Interdisciplinary Early Childhood Education (KIE)
- Literacy P-12 (ATEL)
- Middle Grades Education (MGED)
- Middle Grades Math (MGM)
- Secondary Education (SSED)
- Social Studies (ATES)

- Teacher Leader (KTLE)
- Teaching English to Speakers of Other Languages (TESOL) (KE36)
- Trauma Informed Care (TIC)

## Program Admission

Applicants must be accepted to the WKU graduate school and hold a valid teaching certificate. A copy of the certificate or statement of eligibility must be submitted with the application.<sup>1</sup>

<sup>1</sup> Applicants whose certificates have expired may be admitted, but they may enroll for only six hours before they must apply to the EPSB for re-issued certificates. After completion of six hours, a student admitted with an expired certificate must submit a copy of the re-issued certificate before being allowed to register for any additional courses.

## 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 (30-37 hours)

During the program, students will complete 15 hours of coursework that are school-district driven and a minimum of 15 hours of specialization coursework chosen by the student. Students should consult with their advisors regarding course work to meet their professional goals.

Code	Title	Hours
<b>Required Courses</b>		
EDU 502	Positive Learning Environment	3
EDU 503	Professional Development Experience	6
or EDU 694	National Board for Certification Exploration and Support	
EDU 580	Advanced Special Topics	3
EDU 560	Capstone in Education	3
or TCHL 560	Capstone Project for Teacher Leadership	
Concentration Courses <sup>1,2</sup>		15-22
<b>Total Hours</b>		<b>30-37</b>

<sup>1</sup> For concentrations that are less than 15 hours, students will complete EDU 580 and/or an advisor approved elective to meet the 30 hour requirement for the degree.

<sup>2</sup> 18 hours in a content discipline are required for credentialing to teach at the postsecondary level.

## Concentrations

### Addictions Education (15 hours)

Code	Title	Hours
<b>Required Courses</b>		
CNS 637	Theories of Addiction	3
CNS 647	Addictions: Assessment, Diagnosis and Treatment Planning	3
CNS 667	Counseling Substance and Process Addictions	3

CNS, PSY, or SWRK graduate electives	6
<b>Total Hours</b>	<b>15</b>

**Advanced Behavior Management (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
SPED 501	Introduction to Applied Behavior Analysis	3
SPED 502	Positive Behavior Supports	3
SPED 503	Behavior Assessment	3
SPED 504	Instruction to Improve Behavior	3
SPED 505	Ethics Surrounding Behavior Issues	3
<b>Total Hours</b>		<b>15</b>

**Agriculture (13 hours)**

Code	Title	Hours
<b>Required Courses</b>		
AGRI 491G	Data Analysis and Interpretation	3
AGRI 528	Population Genetics	3
AGRI 590	Experimental Design	3
AGRI 598	Seminar	1
AGEC 561	Agricultural Production and Economics	3
<b>Total Hours</b>		<b>13</b>

**Athletic Administration and Coaching (18 hours)**

Code	Title	Hours
<b>Required Courses</b>		
RSA 513	Recreation and Sport Administration	3
RSA 515	Recreation and Sport Facility Development	3
RSA 517	Legal Issues in Recreation and Sport	3
RSA 519	Fiscal Practices in Recreation and Sport	3
Select 6 hours from the following:		6
RSA 501	Research Methods in Recreation and Sport	
RSA 521	Public Relations in Recreation and Sport	
RSA 523	Theoretical Foundations of Recreation and Sport	
RSA 534	Facility Management	
RSA 536	Event Management	
RSA 538	Facility and Event Security Management	
RSA 542	Investigation of Current Interscholastic Athletics Issues	
RSA 543	Sports Medicine Administration for Interscholastic Athletics	
RSA 544	Practicum in Interscholastic Sport	
<b>Total Hours</b>		<b>18</b>

**Chemistry (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
CHEM graduate courses <sup>3</sup>		15
<b>Total Hours</b>		<b>15</b>

**College and Career Readiness (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
CNS 500	College and Career Readiness Foundations	3
CNS 501	College and Career Consultation & Collaboration	3
CNS 502	College and Career Program Development & Evaluation	3
CNS 503	Practicum in College and Career Readiness	3
CNS 556	Developmental Career Counseling	3
<b>Total Hours</b>		<b>15</b>

**Earth Science (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
GEOS graduate courses		15
<b>Total Hours</b>		<b>15</b>

**Elementary Education (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
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
LTCY 519	Literacy Development and Instruction	3
<b>Total Hours</b>		<b>15</b>

**Elementary Mathematics Specialist P-5 (KEM) (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
ELED 571	Leadership, Math and Technology Education	3
ELED 572	Math and Technology Methods for Diverse Learners	3
ELED 573	Math and Technology Assessment	3
Select 6 hours from the following:		6
MATH 411G	Problem Solving for Elementary and Middle School Teachers <sup>4</sup>	
MATH 507	Number Systems for Elementary and Middle Grades Teachers	

MATH 508	Rational Number Concepts for Elementary and Middle Grades Teachers	
<b>Total Hours</b>		<b>15</b>

**English (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
ENG 510	Graduate Rhetoric and Writing	3
ENG 516	Literature and Pedagogy	3
Select 6 hours from the following: <sup>3</sup>		6
ENG 430G	19th Century American Literature	
ENG 457G	British Literature since 1900	
ENG 482G	Shakespeare	
ENG 488G	Victorian Literature & Culture	
ENG 489G	The British Novel	
ENG 490G	American Novel	
ENG 493G	American Poetry	
ENG 495G	Southern Literature	
ENG 497G	Women's Literature	
ENG 504	Studies in American Literature	
ENG 514	Studies in British Literature	
ENG 524	Studies in World Literature	
ENG 534	Studies in Genre	
ENG 586	Seminar in British Writers	
ENG 596	Seminar in American Writers	
Select 3 hours from the following: <sup>3</sup>		3
ENG 401G	Advanced Composition	
ENG 402G	Editing and Publishing	
ENG 410G	Composition Theory and Practice in Writing Instruction	
ENG 412G	Theories of Rhetoric and Persuasive Writing	
ENG 597	Special Topics in English	
<b>Total Hours</b>		<b>15</b>

**Environmental Education (KEV) (12 hours)**

Code	Title	Hours
<b>Required Courses</b>		
ENVE 520	Introduction to Environmental Education	3
ENVE 580	Instructional Strategies in Environmental Education	3
Select 6 hours from the following:		6
ENVE 585	Special Topics in Environmental Education	
EDU 570	Educational Assessment for P-12 Learners	
RSA 532	Environmental Education Resources	
REC 434G	Environmental Interpretation	
GEOS 511		
GEOS 507	Geographic Concepts and Skills for Teachers	
<b>Total Hours</b>		<b>12</b>

**Family and Consumer Science (15 hours)**

Code	Title	Hours
FACS 510	Professional Development Seminar in Family and Consumer Sciences	3
FACS 511	Grant Writing for Child and Family Programs	3
FACS 550	Youth and Family Theory and Research	3
FACS 577	Child Development Theory and Research	3
EDFN 500	Research Methods	3
<b>Total Hours</b>		<b>15</b>

**Gifted and Talented Education (KE37) (12 hours)**

Code	Title	Hours
<b>Required Courses</b>		
GTE 536	Nature and Needs of Gifted, Creative, and Talented Students	3
GTE 537	Curriculum, Strategies, and Materials for Gifted Students	3
PSY 432G	Psychology of the Gifted and Creative	3
GTE 538	Practicum for Teachers of Gifted Students	3
<b>Total Hours</b>		<b>12</b>

**History (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
HIST graduate courses <sup>3</sup>		15
<b>Total Hours</b>		<b>15</b>

**Instructional Design (12 hours)**

Code	Title	Hours
<b>Required Courses</b>		
ID 560	Instructional Design Foundations	3
ID 570	Systematic Instructional Design	3
Select 6 hours from the following:		6
ID 572	Improvement Analysis in the Workplace	
ID 575	Special Topics in Instructional Design	
ID 577	Management of Instructional Systems	
ID 583	Training Design and Development	
ID 585	Distance Education Opportunities and Challenges	
ID 587	Trends and Issues in Instructional Design	
ID 588	Multimedia Design	
ID 590	Practicum in Instructional Design	
<b>Total Hours</b>		<b>12</b>

**Instructional Computer Technology (KCT) (12 hours)**

Code	Title	Hours
<b>Required Courses</b>		
LITE 535	Survey of Educational Technology Practices	3
LITE 537	Principles of Educational Technology Applications	3
LITE 508	Informatics in Education	3
Select 3 hours from the following:		
LITE 545	Educational Technology Production	
LITE 547	Integration of Educational Technology	
LITE 550	Emerging Technology in Education	
LITE 737	Educational Technology Leadership	
<b>Total Hours</b>		<b>12</b>

**Interdisciplinary Early Childhood Education (KIE) (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
IECE 521	Assessment in Early Childhood Special Education	3
IECE 523	Planning Curriculum and Instruction in Interdisciplinary Early Childhood Education	3
IECE 524	Internship in Early Childhood Special Education	3
SPED 523	Curriculum/Methods in Early Childhood Special Education	3
SLP 517	Normal Language Development	3
<b>Total Hours</b>		<b>15</b>

**Literacy P-12 (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
LTCY 519	Literacy Development and Instruction	3
LTCY 523	Assessment and Intervention of Reading and Writing	3
LTCY 524	Content Area and Disciplinary Literacy	3
LTCY 527	Diversity and Equity in Literacy Education	3
LTCY graduate elective course		3
<b>Total Hours</b>		<b>15</b>

**Middle Grades Math (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
MATH 508	Rational Number Concepts for Elementary and Middle Grades Teachers	3
MATH 506	Mathematical Applications for Middle Grades Teachers	3
MATH 504	Application of Technology to Problems in Mathematics	3

MATH 507	Number Systems for Elementary and Middle Grades Teachers	3
Select 3 hours from the following.		
MATH 501	Introduction to Probability and Statistics I	
MATH 409G	History of Mathematics	
MATH 514	Mathematical Modeling and Applications	
<b>Total Hours</b>		<b>15</b>

**Middle Grades Education (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
MGE graduate courses		15
<b>Total Hours</b>		<b>15</b>

**Secondary Education (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
SEC graduate courses		15
<b>Total Hours</b>		<b>15</b>

**Social Studies (15 hours)**

Code	Title	Hours
<b>Required Courses</b>		
HIST graduate courses or any courses below		15
ECON 505	Economics for Teachers	
ELED 570	Workshop - Elementary Education	
MGE 570	Workshop - Workshop in Middle School Education	
SEC 570	Workshop - Secondary Education <sup>3</sup>	
<b>Total Hours</b>		<b>15</b>

**Teacher Leader (KTLE) (16 hours)**

Code	Title	Hours
<b>Required Courses</b>		
TCHL 500	Foundations of Teacher Leadership	3
TCHL 530	Curriculum Development	3
TCHL 545	Classroom Instruction Strategies	3
TCHL 555	School and Classroom Assessment	3
TCHL 559	Capstone Project Design for Teacher Leadership	1
TCHL 560	Capstone Project for Teacher Leadership	3
<b>Total Hours</b>		<b>16</b>

**Teaching English to Speakers of Other Languages (TESOL) (KE36) (16-22 hours)**

Code	Title	Hours
<b>Required Courses</b>		
ENG 407G	Linguistic Analysis	3
ENG 408G	Psycholinguistics and Sociolinguistics	3
ENG 565	Integrated Teaching English as a Second Language	3
ENG 566	Teaching and Testing ESL Grammar	3

ENG 471G	TESL Practicum	4
6 hours of a foreign language (FREN, GERM, SPAN, MLNG, ARBC, CHIN, JAPN, RUSS) or fulfillment of the WKU Colonnade language requirements. At least one grammar or linguistics course completed at the undergraduate level.		0-6
<b>Total Hours</b>		<b>16-22</b>

**Trauma Informed Care (12 hours)**

Code	Title	Hours
<b>Required Courses</b>		
CNS 588	Family Systems Counseling	3
CNS 557	Human and Family Development in Counseling	3
CNS 555	Social and Cultural Diversity in Counseling	3
CNS 669	Special Topics in Counseling and Guidance	3
<b>Total Hours</b>		<b>12</b>

<sup>3</sup> Additional program approval required.

<sup>4</sup> Students must complete MATH 411G unless MATH 411 was completed as an undergraduate student. If MATH 411 was completed, both MATH 507 and MATH 508 must be completed.