

ADVANCED TEACHER EDUCATION, MAE (0500)

Program Coordinator

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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.

Concentration(s)

- Addictions Education (ADED)
- Advanced Behavior Management (ABM)
- Agriculture (ATEA)
- 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)
- Physical Education (ATEP)
- Secondary Education (SSED)
- Social Studies (ATES)
- Teacher Leader (KTLE)
- Teaching English to Speakers of Other Languages (TESOL) (KE36)

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.¹

¹ 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
Required Courses		
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 ^{1,2}		15-22
Total Hours		30-37

¹ For concentrations that are less than 15 hours, students will complete EDU 580 and/or course(s) from another concentration to meet the 30 hour requirement for the degree.

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

Concentrations

Addictions Education (15 hours)

Code	Title	Hours
Required Courses		
CNS 637	Theories of Addictions	3
CNS 647	Addictions: Assessment, Diagnosis and Treatment Planning	3
CNS 667	Counseling Substance and Process Addictions	3
CNS graduate electives		6
Total Hours		15

Advanced Behavior Management (15 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		15

Agriculture (13 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		13

Chemistry (15 hours)

Code	Title	Hours
Required Courses		
CHEM graduate courses ³		15
Total Hours		15

College and Career Readiness (15 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		15

Earth Science (15 hours)

Code	Title	Hours
Required Courses		
GEOS graduate courses		15
Total Hours		15

Elementary Education (15 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		15

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

Code	Title	Hours
Required Courses		
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 ⁴	
MATH 507	Mathematics Concepts for Elementary Teachers	
MATH 508	Number Concepts for Elementary and Middle Grades Teachers	
Total Hours		15

English (15 hours)

Code	Title	Hours
Required Courses		
ENG 510	Graduate Rhetoric and Writing	3
ENG 516	Literature and Pedagogy	3
Select 6 hours from the following: ³		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: ³		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	
Total Hours		15

Environmental Education (KEV) (12 hours)

Code	Title	Hours
Required Courses		
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	The Dynamic Earth
GEOS 507	Geography for Teachers
Total Hours	12

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
Total Hours		15

Gifted and Talented Education (KE37) (12 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		12

History (15 hours)

Code	Title	Hours
Required Courses		
HIST graduate courses ³		15
Total Hours		15

Instructional Design (12 hours)

Code	Title	Hours
Required Courses		
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	

Total Hours 12

Instructional Computer Technology (KCT) (12 hours)

Code	Title	Hours
Required Courses		
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:	3	
LITE 545	Educational Technology Production	
LITE 547	Integration of Educational Technology	
LITE 550	Emerging Technology in Education	
LITE 737	Educational Technology Leadership	
Total Hours		12

Interdisciplinary Early Childhood Education (KIE) (15 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		15

Literacy P-12 (15 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		15

Middle Grades Education (15 hours)

Code	Title	Hours
Required Courses		
MGE graduate courses		15
Total Hours		15

Physical Education (15 hours)

Code	Title	Hours
Required Courses		
KIN 503	Advanced Motor Learning and Control	3
KIN 505	Foundations of Curriculum Construction	3
KIN 508	Adaptive Physical Education	3
KIN 520	Teaching Strategies in Physical Education	3
RSA 534	Facility Management	3
Total Hours		15

Secondary Education (15 hours)

Code	Title	Hours
Required Courses		
SEC graduate courses		15
Total Hours		15

Social Studies (15 hours)

Code	Title	Hours
Required Courses		
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 ³	
Total Hours		15

Teacher Leader (KTLE) (16 hours)

Code	Title	Hours
Required Courses		
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
Total Hours		16

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

Code	Title	Hours
Required Courses		
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
Total Hours		16-22

³ Additional program approval required.

⁴ 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.