

EDUCATION MAJORS

Early Childhood Education

Education Curriculum Studies

Elementary Education

Health Education K-12

Middle School Education (Grades 5-9)

English Language Arts, Mathematics, Science, Social Sciences

Physical Education: K-12

Secondary School Education

Biology, Business, Chemistry, English Language Arts, Mathematics, Social Sciences

Spanish Education: K-12

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Professors: B. Bumgarner (Chair); M. Majerus; S. Serota

Associate Professor: A. Gowin

Assistant Professor: T. Ensor; S. Hairston

Visiting Professors: C. Epperson (PE coordinator); M. Tyson; L. Williams (DESE Coordinator)

The Westminster College Teacher Education Program is administered by the Department of Elementary and Secondary Education (DESE). The program is designed to promote the life-long learning dispositions the teaching profession demands, as well to provide the depth and breadth of academic and practical knowledge needed for successful beginning teaching. The conceptual framework emphasizes the idea of "the teacher as a reflective practitioner." The faculty draws on research and extensive experience to make course work meaningful and strives to demonstrate attitudes and practice, which serve as examples for students' future classrooms. Students receive personal attention within a learning community that encourages them to develop critical thinking, creative sensibility, and communication arts to share ideas and to understand others as they teach and learn in a global, technological society.

Those who wish to teach will earn a Bachelor of Arts with majors offered in Early Childhood (Birth-Grade 3), Elementary (Grades 1-6), Middle School (Grades 5-9) and Secondary Education (Grades 9-12). Secondary content emphasis areas are: Business, Health, Mathematics, Social Studies, Biology, Chemistry, General Science, and English. Two majors cover K-12: Spanish and Physical Education. Middle school majors are encouraged to complete an area of content concentration selected from English, Science, Social Studies, and Mathematics. Each concentration area consists of at least 24 hours chosen from Mathematics, Social Studies, Science, or English.

The Teacher Education Program is designed so that majors complete a course of study approved by the Department of Elementary and Secondary Education (DESE), which will lead to recommendation for certification in the chosen major and concentration areas. Teacher education preparation experience includes research, observation, demonstration, and participation in local school settings. Students who prepare for a teaching career must meet professional education requirements specified by DESE, as well as the program requirements of Westminster College. Teacher education majors must demonstrate competencies in reading, writing, mathematics, science, and social science.

Major: SECONDARY SCHOOL EDUCATION MAJOR

Student's Last Name	First Name	Middle Initial
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Advisor	Date Major Declared
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Course #	Title of Course	Hours Required	Semester Completed	Grade
Core Secondary Courses				
EDU 101	Introduction to Teaching	1		
EDU 221	Education Psychology	3		
EDU 230	Child and Adolescent Growth & Development	3		
EDU 231	Education of Exceptional Individuals	3		
EDU 290	Foundations of Education	3		
EDU 291	Education Practicum I	2		
EDU 306	Teaching Reading	3		
EDU 350	Digital Literacy	3		
EDU 385	Diversity in Education	3		
EDU 392	Reading & Writing in Content Area	3		
EDU 393	Education Practicum II	2		
EDU 417	Advanced Practicum	3		
EDU 425	Secondary School Teaching	3		
EDU 453	Classroom Organization Management	3		
EDU 490	Education Seminar	3		
EDU 497	Student Teaching in High School	12		
	Total Core Course Hours	53 hrs		
Content Courses Secondary Business (42 hrs)				
EDU 398	Methods of Teaching Business	3		
ITS 399	Internship	3		
ACC 215	Principles of Financial Accounting	3		
ACC 216	Principles of Managerial Accounting	3		
BUS 220	Fundamentals of Management	3		
BUS 223	Business Law	3		
BUS 250	Principles of Marketing	3		
CSA 104	Programming Logic and Design	3		
DIG 250	Webpage Design	3		
ECN 211	Macroeconomics	3		
ECN 212	Microeconomics	3		
EDU 295	Place-Based and Service Learning: Education in the Community & the Classroom	4		
EDU 320	Teaching Middle School: Curriculum & Philosophy of Teaching the Middle Years	4		
EDU 370	Business Program Implementation	3		
SPE 310	Business and Professional Communications	3		
BUS 221	Cross Cultural Management	3		
OR BUS 326	Human Resource Management	3		
OR ITS 399	Departmental Internship	3		

Course #	Title of Course	Hours Required	Semester Completed	Grade
Content Courses Secondary Biology (37-40 hrs)				
BIO 114/115	Biological Processes/Lab	4		
BIO 124/125	Biodiversity/Lab	4		
BIO 450	Evolution	3		
BIO 302	Human Anatomy	4		
OR BIO 204	Animal Behavior	4		
OR BIO 205	Ecology & Field Biology	4		
OR BIO 208	Functional Plant Morphology	4		
OR BIO 315	Entomology	4		
OR BIO 318	Ornithology	4		
OR BIO 322	Vertebrate Biology	4		
OR BIO 4XX	Electives	4		
OR BIO 450	Evolution	3		
BIO 301	Genetics	4		
BIO 325	Molecular Cell Biology	3		
CHM 114/115	General Chemistry I w/Lab	4		
EDU 295	Place-Based and Service Learning: Education in the Community & the Classroom	4		
EDU 307	Teaching STEAM in 21st Century Classrooms	4		
EDU 436	Methods of Teaching Science/Secondary	3		
NSC 210	Anatomy and Physiology I	4		
PHY 105	Introduction to Physics	3		
GEO 108	Introduction to Physical Geology	4		
OR GEO 110	Earth Systems	4		
OR GEO 116	Environmental Geology	4		
OR ENV 105	Intro to Environmental Science	4		
Content Courses: Secondary Chemistry (50-51 hrs)				
EDU 307	Teaching STEAM in 21st Century Classrooms	4		
EDU 320	Teaching Middle School: Curriculum & Philosophy of Teaching the Middle Years	4		
EDU 436	Methods of Teaching Science/Secondary	3		
CHM 114/115	General Chemistry I w/ lab	4		
CHM 124/125	General Chemistry II w/ lab	4		
CHM 314/315	Organic Chemistry I w/ lab	4		
CHM 324/325	Organic Chemistry II w/ lab	4		
CHM 334/335	Analytical Chemistry I w/ lab	4		
CHM 424/425	Physical Chemistry I w/ lab	4		
BIO 404	Biochemistry	4		
BIO 114/115	Biological Process w/ lab	4		
BIO 124/125	Biodiversity w/ lab	4		
PHY 105	Introduction to Physics	3		
OR PHY 201	Physics I	4		
GEO 108	Physical Geology	4		
OR GEO 110	Earth Systems	4		
OR ENV 105	Introduction to Environmental Science	4		

Course #	Title of Course	Hours Required	Semester Completed	Grade
Content Courses English Language Arts (33 hrs)				
EDU 210	Literature for Children and Youth	3		
EDU 309	Teaching of Writing in Middle and Secondary Schools	3		
EDU 431	Teaching English in Middle and Secondary Schools	3		
ENG 103	Academic Writing	3		
ENG 238	American Literature to Civil War	3		
OR ENG 239	American Literature since Civil War	3		
ENG/JMP 265	Technical & Web Writing	3		
ENG/JMP 270	Expository Writing	3		
ENG 275	Introduction to Creative Writing	3		
ENG 345	Ethnic Literature	3		
<i>Two of the following courses:</i>				
ENG 248	World Literature to 1600	3		
ENG 249	World Literature since 1600	3		
ENG 205	Topics in British Literature to 1800	3		
ENG 206	British Literature since 1800	3		
ENG xxx	Various rotating or new literature courses	3		
<i>One of the following courses:</i>				
ENG 315	Literary Modules and Genres	3		
ENG 325	Literary Movements	3		
ENG 330	Visions and Revisions	3		
ENG 335	A Sense of Place	3		
ENG/WGS 340	Gender and Literary Expression	3		
ENG 350	Studies in the Author	3		
Content Courses Mathematics (39 hrs)				
EDU 320	Teaching Middle School: Curriculum & Philosophy of Teaching the Middle Years	3		
EDU 433	Teaching Math in MS and Secondary	3		
CSA 104	Programming Logic and Design	3		
MAT 124	Calculus I	3		
MAT 214	Calculus II	3		
MAT 215	Linear Algebra	3		
MAT 224	Calculus III	3		
MAT 314	Higher Geometry	3		
MAT 422	Modern Algebra	3		
<i>Additional Math Courses from below (4 courses required; 12 hours)</i>				
MAT 310	History of Mathematics	3		
MAT 424	Advanced Calculus	3		
MAT 313	Mathematical Probability and Statistics	3		
MAT 305	Heart of Mathematics	3		
MAT 331	Mathematics Seminar	3		

Course #	Title of Course	Hours Required	Semester Completed	Grade
Content Courses Social Studies (42 hrs)				
HIS 103	History of the US to 1877	3		
HIS 104	History of the US since 1877	3		
HIS 109	World History I	3		
HIS 110	World History II	3		
HIS 335	Topics in US Social, Cultural, or Political History	3		
POL 112	Introduction to Political Science	3		
POL 211	American Government and Politics	3		
ECN 110	Introduction to Economics	3		
GOG 101	Introduction to Geography	3		
PSY 113	Psychology as a Social Science	3		
SOC 11	Introduction to Sociology	3		
EDU 295	Place-Based and Service Learning: Education in the Community & the Classroom	4		
EDU 435	Teaching Social Studies in Middle/Secondary Education	3		
<i>Six hours from the following courses</i>				
HIS 300 Series	Museum Studies/History for Public/U.S. For Pol Mid East	3		
HIS 340	Topics in Diplomatic & Military History	3		
HIS 350	Topics in Early World History	3		
HIS 360	Topics in World History	3		
HIS 390	Historical Methods	3		
TOTAL HOURS FOR MAJOR		86-104 hrs		
<p><i>We highly recommend future teachers to take: SPE 101 Intro to Speech EDU 490 and EDU 497 are taken concurrently the last semester of study. Students must be admitted into the Teacher Education Program prior to enrolling in 300 level courses. Students must pass the Missouri Content Exam prior to student teaching. Students must maintain a 3.0 GPA in education and content area, as well as a 2.75 cumulative GPA.</i></p>				

Please indicate which concentration:

- Biology
 Business
 Chemistry
 ELA
 Math
 Social Studies

If any substitutions or waivers of requirements are allowed, please list below and initial.

Advisor Signature: _____ Department Chair Signature: _____