



SECONDARY EDUCATION: GRADES 9 - 12

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The Westminster College Teacher Education Program is administered by the Department of Education. 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 Elementary (grades 1-6), Early Childhood (birth-Grade 3), Middle School (grades 5-9) and Secondary Education (grades 9-12). Secondary content emphasis areas are: Business, Mathematics, Social Studies, Biology, Physics, Chemistry, General Science, English, Spanish (K-12), French (K-12), Physical Education. Middle school majors are encouraged to complete two areas 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. There is an add-on certification option for Elementary majors who wish to add Early Childhood certification.

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

Students must be accepted into the Teacher Education program before taking upper level professional education courses. Admission criteria are:

1. Register and take the Missouri Educator Profile (MEP); passing score not required; required to take in EDU 101.
2. Passing scores in all subsets of the Missouri General Education Assessment (MOGEA); required to take in EDU 290; send results to Jim Concannon.
3. Resume; to be done in EDU 290; send to Jim Concannon.
4. Written Teaching Philosophy Document; to be done in EDU 290; send to Jim Concannon.
5. Maintain an annual student membership with the Missouri State Teacher Association (MSTA); Practicum 1 (EDU 291); send results to Jim Concannon.
6. Register with the Family Care Safety Registry at: www.health.mo.gov/safety/fcsr during Practicum 1 (EDU 291); send results to Jim Concannon.
7. Satisfactory Dispositions Checklist from Cooperating Teacher and Professor of Practicum I (EDU 291).
8. Letter of Recommendation from an Education Faculty Member.
9. Letter of Recommendation From an Outside Faculty Member.
10. 4-year Plan signed by advisor and sent to Jim Concannon.
11. Grade Point Average: 2.75 Overall; 3.00 Education Coursework; 3.0 Content Coursework at the end of sophomore year; for transfer students, GPA will be calculated after one semester of Westminster coursework.
12. A formal letter requesting consideration for admittance into the Teacher Education Program.

After entry into the program and before graduation, it is required that students pass a nationally criterion referenced entrance exam to the profession, established by DESE. Completing the national test is part of the certification application process. Students must also obtain a Missouri substitute certificate prior to the student teaching experience.

Note: Students must obtain a final grade of C or higher in each professional education course and maintain a GPA of 3.0 in all professional education courses. Students are not allowed to have grades below C in their content area concentrations and they must have a 3.0 in their chosen concentration to be recommended for certification. No more than two (2) grades of D in the general education courses required for graduation are acceptable and students are encouraged to retake courses in which they receive grades of D.

Prior to Student teaching, the pre-service teacher must:

1. Previously been admitted into the Teacher Education Program (TEP)
2. Pass the content exam within the first two attempts relative to the pre-service teacher's certification area.
3. Hold a valid Missouri substitute-teaching certificate.
4. Maintain a 3.0 education GPA Content GPA, and an overall 2.75 GPA.
5. Maintain a student membership in the Missouri State Teacher's Association.
6. Provide a formal request to student teach at least one semester prior to the intended student teaching experience sent to Jim Concannon. The request must be received one full semester prior to the intended student teaching experience. The request should indicate a school or a teacher if applicable. NOTE: Student teaching is required for certification.

Changes to Coursework and Assessments

At the time of this publication, The Missouri Department of Elementary & Secondary Education - Office of Educator Quality is working with the Missouri legislature and all higher education institutions certifying teachers in the state as well as representative stakeholders groups to redesign the standards for educator preparation including certification requirements. The Westminster Education Department is currently revising some required coursework and developing some new courses. These changes and implementation schedule, expected to go into effect for all certification majors graduating after Spring of 2017, will be communicated to students through individual advising sessions, meetings, and/or other college communications. If there are any questions and/or concerns, please contact the Director of Educator Preparation in the Office of Educator Quality.

It is important to contact faculty in the Teacher Education Program for guidance in scheduling courses.

Policy regarding student teaching: Students enrolling in EDU 492 Student Teaching: Elementary; EDU 495 Student Teaching: Middle School; and EDU 497 Student Teaching: Secondary who are members of collegiate sports teams should a) plan to student teach during a semester in which their sport is not played, b) after their eligibility has expired, or c) during a semester in which they choose not to play.

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

Course #	Title of Course	Hours Completed	Semester Completed	Grade

MAJOR: Secondary School Education: Grades 9-12

Student's Last Name		First Name	Middle Initial		
Advisor		Date Major Declared			
Course	Title of Course	Hours Completed	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 306	Teaching Reading				
EDU 392	Reading & Writing in Content Area				
EDU 453	Classroom Organization Management 3				
EDU 490	Education Seminar 3				
Field and Clinical Experience Courses:					
EDU 291	Education Practicum I 2				
EDU 393	Education Practicum II 2				
EDU 497	Student Teaching in High School 12				
Methods of Teaching Courses By Content Area:					
BIOLOGY					
EDU 425	Methods of Secondary School Teaching 3				
EDU 436	Methods of Teaching Science in Sec. 3				
BUSINESS					
EDU 425	Methods of Secondary School Teaching 3				
EDU 398	Independent Study: Methods of Teaching Business 3				
CHEMISTRY					
EDU 425	Methods of Secondary School Teaching 3				
EDU 436	Methods of Teaching Science in Sec. 3				
ENGLISH LANGUAGE ARTS					
EDU 425	Secondary School Teaching 3				
EDU 431	Teaching English in Middle & Sec. 3				
GENERAL SCIENCE					
EDU 425	Methods of Secondary School Teaching 3				
EDU 436	Methods of Teaching Science in Sec. 3				
MATHEMATICS					
EDU 425	Methods of Secondary School Teaching 3				
EDU 433	Teaching Mathematics in Middle & Sec. 3				
MAT 231	Mathematics for Elem. & Middle School				
MAT 351	Methods of Teaching Elem/Mid Math 3				
SOCIAL SCIENCE					
EDU 425	Methods of Secondary School Teaching 3				
EDU 435	Teaching Social Studies in Middle/Sec. 3				

SECONDARY EDUCATION CONTENT COURSES:

	Content Courses: Secondary Biology	Hours Completed	Semester Completed	Grade
NCS 305	History of Science 3			
BIO 325	Molecular Cell Biology 3			
BIO 114/115	Biological Processes/Lab 4			
BIO 124/125	Biodiversity/ Lab 4			
BIO 100	General Biology 4			
BIO 301	Genetics 4			
BIO 201	Introduction to Evolution 3			
BIO 203	Human Anatomy 4			
OR BIO 204	Animal Behavior 4			
OR BIO 205	Ecology & Field Biology 4			
OR Bio 208	Functional Plant Morphology 4			
BIO 315	Entomology 4			
BIO 318	Ornithology 4			
BIO 322	Vertebrate Biology 4			
BIO 345	Forest Resources & Management 4			
BIO 370	Physiology 4			
CHM 114/115	General Chemistry I/Lab 4			
PHY 105	Introduction to Physics 3			
GEO 108	Physical Geology 4			
OR GEO 110	Earth Systems 3			
ENV 105	Intro to Environmental Science 3			
	Content Courses: Secondary Business			
	Accounting (6 hrs)			
ACC 215	Principles of Financial Accounting 3			
ACC 216	Principles of Managerial Accounting 3			
	Management (3 hrs)			
BUS 220	Fund. Marketing			
	Business/Consumer Related Law (3 hrs)			
BUS 223	Business Law			
	Marketing (3 hrs)			
BUS 250	Principles of Marketing			
	Computer/Emerging Technology (6 hrs)			
CSC 104	Programming Logic & Design 3			
ITY 250	Webpage Design, Aesthetics & Interaction 3			
	Economics (6 hrs)			
ECN 211	Macroeconomics			
ECN212	Microeconomics			
	Business Communications (3 hrs)			
SPE 310	Business and Professional Comm. 3			
	Implementing Business Education Programs (3 hrs)			
EDU 370	Business Education implementation 3			
	Coordination of Cooperative Education (3 hrs)			
EDU 399	Internship			
	Elective, choose one:			
BUS 221	Organizational Behavior			
BUS 322	Cross Cultural Management			
BUS 326	Human Resource Management			
	Content Courses: Secondary Chemistry			
	History/Philosophy of Science and Technology (3 hrs)			
NCS 305	History/Philosophy of Science 3			

	Chemistry coursework, at least 20 hours including:			
CHM 114-115	General Chemistry I 4			
CHM 124-125	General Chemistry II 4			
CHM 314-315	Organic Chemistry I 4			
CHM 324/325	Organic Chemistry II 3			
CHM 334/335	Analytical Chemistry I 4			
CHM 424/425	Physical Chemistry I 4			
BIO 114	Biological Processes/Lab 4			
BIO 404	Biochemistry 4			
	Additional Science Coursework, at least 12 hours including:			
BIO 124/125	Biodiversity/Lab 4			
OR BIO 100	General Biology I			
ENV 105	Intro to Environmental Science 3			
GEO 110	Earth Systems 4			
OR GEO 108	Physical Geology 4			
PHY 105	Intro. To Physics 4			
	Content Courses: Secondary English Language Arts:			
	Composition & Rhetoric (12 hrs)			
ENG 103	Academic Writing 3			
ENG 270	Expository Writing 3			
ENG 275	Introduction to Creative Writing 3			
EDU 309	Teaching of Writing Middle/Sec. School 3			
	Study of English Language (6 hrs)			
ENG 280	Introduction to Linguistics 3			
ENG 300	English Grammar 3			
	American Literature (6 hrs)			
ENG 210	Literature for Children and Youth 3			
ENG 345	Ethnic Literature 3			
	English or World Literature (6 hrs)			
ENG 248	World Literature to 1600 3			
ENG 249	World Literature since 1600 3			
ENG 205	British Literature to 1800 3			
ENG 206	British Literature since 1800 3			
	Elective English Credits			
ENG 315	Literacy Modes and Genres 3			
ENG 325	Literary Movements 3			
ENG 330	Visions and Revisions 3			
ENG 335	A Sense of Place 3			
ENG 340	Gender and Literary Expression 3			
ENG 350	Studies in the Author 3			
	Content Courses Secondary General Science:			
NSC 305	History/Philosophy of Science 3			
	Science Coursework, at least 32 hours including:			
AST 211	Astronomy 3			
BIO 114/115	Biological Processes 4			
BIO 124/125	Biodiversity 4			
CHM 114/115	General Chemistry I 4			
CHM 124/125	General Chemistry II 4			
ENV 105	Introduction to Environmental Sciences 3			
GEO 108	Physical Geology 4			
OR GEO 110	Earth Systems 4			
PHY 105	Introduction to Physics 4			
	Content Courses Secondary Mathematics:			
	Calculus & Analytical geometry (9 hrs)			
MAT 124	Calculus I 5			
MAT 214	Calculus II 4			

	Algebraic Structures (3 hrs)			
MAT 422	Modern Algebra			
	Geometry (3 hrs)			
MAT 314	Higher Geometry 3			
	Computer Science (3 hrs)			
CSC 104	Programming Logic and Design 3			
	Electives from Above Categories (6 hrs)			
	Examples:			
MAT 215	Linear Algebra 3			
MAT 224	Calculus III 4			
	Additional Mathematics coursework, at least 12 hours:			
MAT 305	Heart of Mathematics 3			
MAT 310	History of Mathematics 3			
MAT 313	Mathematical Probability & Statistics 3			
MAT 331	Mathematics Seminar 3			
MAT 424	Advanced Calculus 3			
CSC 111	Fundamentals of Computer Science 3			
	Content Courses Secondary Social Science:			
	US History (12 hrs)			
HIS 103	History of the US to 1877 3			
HIS 104	History of the US since 1877 3			
HIS 316	American Revolution 3			
HIS 319	Civil War 3			
<u>OR</u> HIS 336	America since 1945 3			
	World History (9 hrs)			
HIS 109	World History I 3			
HIS 110	World History II 3			
HIS 323	Europe since 1945 3			
<u>OR</u> HIS 279	African Civilization 3			
<u>OR</u> HIS 101	British History to 1800 3			
<u>OR</u> HIS 102	British History since 1800 3			
	Political Science (6 hrs)			
POL 112	Introduction to Political Science 3			
POL 211	American Government & Politics 3			
	Economics (3 hrs)			
ECN 110	Introduction to Economics 3			
	Geography (3 hrs)			
GOG 101	Introduction to Geography 3			
	Behavioral Science (6 hrs)			
PSY 112	Psychology as a Natural Science 3			
<u>OR</u> PSY 113	Psychology as a Social Science 3			
SOC 111	Introduction to Sociology 3			
<u>OR</u> ANT 115	Intro to Cultural Anthropology 3			