



EDUCATION MAJORS

Early Childhood Education
Education Curriculum Studies
Elementary Education
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

Professors: M. Majerus, S. Serota, T. Miller
Associate Professor: B. Bumgarner (Chair)
Assistant Professor: T. Ensor, S. Hairston

Contact: Dr. Barri Bumgarner
Phone: 573-592-5219
Email: barri.bumgarner@wcmo.edu

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, 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 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.

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.

Students must be accepted into the Teacher Education Program before taking upper level (300+) professional education courses. Admission criteria are:

1. Passing scores in all subsets of the Missouri General Education Assessment (MOGEA), if required; required to take while in EDU 290 if ACT score is below 21, if ACT score is below 18, students must get permission to test and enter TEP; send results to Barri Bumgarner.
2. Resume, to be done in EDU 290; send to Barri Bumgarner.
3. Written Teaching Philosophy Document, to be done in EDU 290; send to Barri Bumgarner.

4. Maintain an annual student membership with the Missouri State Teacher Association (MSTA) OR National Education Association (NEA); joined during Practicum 1 (EDU 291); send results to Barri Bumgarner.
5. Register with the Family Care Safety Registry at: www.health.mo.gov/safety/fcsr during Practicum 1 (EDU 291); must keep this current throughout college career; send results to Barri Bumgarner.
6. Satisfactory Dispositions Checklist from Cooperating Teacher and Professor of Practicum I (EDU 291). (Continues on following page)
7. Letter of Recommendation from an Education Faculty Member.
8. Letter of Recommendation from an Outside Faculty Member.
9. 4-year Plan signed by advisor and sent to Barri Bumgarner.
10. 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.
11. Have declared a major in Education.

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 three attempts relative to the pre-service teacher's certification area.
3. Hold a valid Missouri substitute-teaching certificate (renewable).
4. Maintain a 3.0 education GPA, 3.0 Content GPA, and an overall 2.75 GPA.
5. Maintain a student membership in the Missouri State Teacher's Association or National Education Association.
6. Provide a formal request to student teach at least one semester prior to the intended student teaching experience sent to Barri Bumgarner. 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 has revised the state student teacher evaluation program, as well as the tasks to complete during EDU 490/492/495/497. The Westminster Education Department has revised required coursework to stay current with DESE standards. These changes and implementation schedule go into effect for all certification majors graduating Spring of 2020. 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. Course advising is also available in MyWC.

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.

You can find the course descriptions for all courses required for this major by clicking on the following links:

- [Education Course Descriptions](#)
- [Psychology Course Descriptions](#)
- [Math Course Descriptions](#)
- [Speech Course Descriptions](#)



EDUCATION MAJORS

Secondary School Education

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

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Please refer to page 77 of the Campus Catalog for complete Education major information.

You can find the course descriptions for all courses required for this major by clicking on the following links:

- [Accounting Course Descriptions](#)
- [Biology Course Descriptions](#)
- [Business Course Descriptions](#)
- [Chemistry Course Descriptions](#)
- [Computer Science Course Descriptions](#)
- [Economics Course Descriptions](#)
- [Education Course Descriptions](#)
- [English Course Descriptions](#)
- [Environmental Science Course Descriptions](#)
- [Geography Course Descriptions](#)
- [Geology Course Descriptions](#)
- [History Course Descriptions](#)
- [Math Course Descriptions](#)
- [Physics Course Descriptions](#)
- [Political Science Course Descriptions](#)
- [Psychology Course Descriptions](#)
- [Sociology Course Descriptions](#)

Major: **SECONDARY EDUCATION**

Student's Last Name

First Name

Middle Initial

Advisor

Date Major Declared

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 436	Methods of Teaching Science/Secondary	3		
EDU 453	Classroom Organization Management	3		
EDU 490	Education Seminar	3		
EDU 497	Student Teaching in High School	12		
Total Core Course Hours		56 hrs		
Content Courses: Secondary Biology (34-37 hrs)				
BIO 325	Molecular Cell Biology	3		
BIO 114/115	Biological Processes/Lab	4		
BIO 124/125	Biodiversity/Lab	4		
BIO 201	Introduction to Evolution	3		
<u>or</u> BIO 450	Evolution	3		
BIO 302	Human Anatomy	4		
<u>or</u> BIO 204	Animal Behavior	4		
<u>or</u> BIO 205	Ecology & Field Biology	4		
<u>or</u> BIO 208	Functional Plant Morphology	4		
<u>or</u> BIO 300	Cell Structures	3		
<u>or</u> BIO 305	Medical Terminology	1		
<u>or</u> BIO 315	Entomology	4		
<u>or</u> BIO 318	Ornithology	4		

<u>or</u> BIO 322	Vertebrate Biology	4		
<u>or</u> BIO 345	Forest Resources & Management	4		
<u>or</u> BIO 370	Physiology	4		
BIO 301	Genetics	4		
CHM 114/115	General Chemistry I w/Lab	4		
EDU 307	Teaching STEAM in 21 st Century Classrooms	4		
PHY 105	Introduction to Physics	3		
GEO 108	Physical Geology	4		
<u>or</u> GEO 110	Earth Systems	4		
<u>or</u> GEO 116	Environmental Geology	4		
<u>or</u> ENV 105	Intro to Environmental Science	4		

Content Courses: Secondary Business (42 hrs)

EDU 398	Methods of Teaching Business	3		
EDU 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		
CSC 104	Programming Logic and Design	3		
CSC 250	Webpage Design	3		
ECN 211	Macroeconomics	3		
ECN 212	Microeconomics	3		
EDU 370	Business Educational Implementation Programs	3		
SPE 310	Business and Professional Communications	3		
BUS 221	Cross Cultural Management	3		
<u>or</u> BUS 326	Human Resource Management	3		
<u>or</u> ACC 399	Tax Season/Data Management	3		

Content Courses: Secondary Chemistry (47-48 hrs)

EDU 320	Teaching Middle School: Curriculum & Philosophy	4		
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		
Content Courses: English Language Arts (33 hrs)				
EDU 210	Literature for Children and Youth	3		
EDU 309	Teaching of Writing in Middle and Secondary	3		
EDU 431	Teaching English in Middle and Secondary	3		
ENG 103	Academic Writing	3		
ENG 270	Expository Writing	3		
ENG 275	Introduction to Creative Writing	3		
ENG 345	Ethnic Literature	3		
ENG 238	American Literature to Civil War	3		
or ENG 239	American Literature since Civil War	3		
<i>Two of the following courses</i>				
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		
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 340	Gender and Literary Expression	3		
ENG 350	Studies in the Author	3		
Content Courses: Mathematics (40 hrs)				
EDU 320	Teaching Middle School: Curriculum & Philosophy of Teaching the Middle Years	4		
EDU 433	Teaching Math in MS and Secondary	3		
CSC 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 (Minimum 12 hours from the following)</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		
CSC 111	Fundamentals of Computer Science	3		
Content Courses: Social Studies (45 hrs)				
EDU 435	Teaching Social Studies	3		
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 300	American Presidency	3		
<u>or</u> HIS 300	World War II	3		
<u>or</u> HIS 300	Cold War	3		
<u>or</u> HIS 300	Fascism	3		
<u>or</u> HIS 300	Other Topic-Specific History Course	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		
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 112	Psychology as a Natural Science	3		
<u>or</u> PSY 113	Psychology as a Social Science	3		
SOC 111	Introduction to Sociology	3		
<i>Six hours from the following courses</i>				
HIS 331	American Slavery	3		
HIS 348	History of American Foreign Relations	3		
HIS 354	Scandalous Women	3		
HIS 390	Historiography	3		
HIS 398	FDR & Reagan or Topic Specific Course	3		
HIS 399	Global Engagement	3		
TOTAL HOURS FOR MAJOR		89-104 hrs		
<p>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.</p>				