Education Majors

Certification Tracks

- Early Childhood Education Major (birth – grade 3)
- Elementary Education Major (grades 1-6)
- Health Education Major (grades k-12)
- Middle School Education Major (grades 5-9)
  Concentrations: English Language Arts, Mathematics, Science, Social Sciences
- Physical Education Major (grades k-12)
- Secondary School Education Major (grades 9-12)
  Concentrations: Biology, Business, Chemistry, English Language Arts, Mathematics, Social Sciences
- Spanish Education Major (grades k-12)

Non-Certification Tracks

- Education Curriculum Studies Major
- Education Minor

The Westminster College Teacher Education Program is designed so that majors complete a course of study approved by the Missouri Department of Elementary and Secondary Education (DESE), which will lead to recommendation for certification in the chosen major and concentration areas. Students who prepare for a teaching career must meet professional education requirements specified by DESE, as well as the program requirements of Westminster College. Final certification approval is determined by DESE and not by Westminster College. Academic certification requirements, set by DESE, consist of:

- the completion of degree program and submission of official transcript;
- a 3.0 or higher GPA in education coursework and content courses, if applicable;
- passing the appropriate State required content assessment (Praxis);
- and a summative combined student teaching evaluation score of 42 or higher.

All students seeking a certification must first be accepted into the Teacher Education Program (TEP) in order to complete their degree. To be admitted into TEP students must:

- declare their major in an education certification track;
- obtain a 3.0 or higher GPA in education coursework and content courses, if applicable;
- receive positive student disposition scores from education faculty members; and

- successfully participate in an interview process.

Once admitted to the TEP, students must remain in good standing in order to progress through the program.

All students seeking a certification must student teach in their last semester. To be admitted into a student teaching placement student must: obtain a 3.0 GPA in education coursework and in content area, if applicable;

- attempted the appropriate state required content assessment (Praxis);
- present proof of liability insurance;
- clear the Family Care Safety Registry (FCSR) background check;
- obtain a valid Missouri substitute teaching certificate;
- submit a Westminster College General Liability Release;
- complete all certification specific coursework except for EDU 490 and student teaching;
- submitted a student teaching application.

The Education Department faculty at Westminster College reserve final judgment on admission to student teaching and assignment to a placement.

EDUCATION MAJORS
Secondary School Education

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

Professors: B. Bumgarner, S. Serota
Associate Professor: T. Ensor
Assistant Professor: S. Hairston (chair)
Instructor: C. Echelmeier, C. Webb, L. Williams

Contact: Dr. Sarah Hairston
Email: sarah.hairston@wcmo.edu

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

ACADEMIC REQUIREMENTS SUMMARY SHEET **ACADEMIC YEAR 2024-2025**

Major: SECONDARY EDUCATION

Student's Last Name First Name Middle Initial

Advisor Date Major Declared

Course Code	Title	Hours	Semester	Grade
Core Secondary Courses (51 hours)				
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 (EDU 101)			
EDU 290	Foundations of Education (EDU 101)	3		
EDU 291	Education Practicum I	2		
EDU 306	Teaching Reading (EDU 290 & 291)	3		
EDU 350	Digital Literacy (EDU 101 & 231)	3		
EDU 385	Diversity in Education (one of the following: EDU 101, 290, PSY 113, SOC 111, POL 211, PHL/REL 102)	3		
EDU 392	Reading & Writing in Content Area (EDU 290 & 291)	3		
EDU 393	Education Practicum II (EDU 291)	2		
EDU 417	Advanced Practicum (EDU 231, 291 & 393)	3		
EDU 425	Secondary School Teaching	3		
EDU 453	Classroom Organization Management (EDU 221, 291 and 393)	3		
EDU 490	Education Seminar	1		
EDU 497	Student Teaching in High School	12		
Content Courses Secondary Business (36 hrs)				
ACC 215	Principles of Financial Accounting	3		
ACC 216	Principles of Managerial Accounting	3		

Course Code	Title	Hours	Semester	Grade
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 398	Methods of Teaching Business	3		
SPE 310	Business and Professional Communications (Completion of SPE 101 with C or better)	3		
Choose one of the followinig courses				
BUS 131	Intro duction to Business	3		
BUS 210	Spreadsheet Application in Business	3		
BUS 221	Organizational Behavior	3		
BUS 322	Cross-Cultural Management (BUS 220)	3		
BUS 330	Advertising and Brand Promotion (BUS 250)	3		
BUS 345	Digital Marketing (BUS 220 & 250)	3		
	Total Secondary Business Major Hours	**87**		
Content Courses Secondary Biology (41hrs)				
BIO 114/115	Biological Processes/Lab	4		
BIO 124/125	Biodiversity/Lab	4		
BIO 301	Genetics	4		
BIO 325	Molecular Cell Biology	3		
EDU 307	Teaching STEAM in 21st Century Classrooms	3		
ENV 105	Intro to Environmental Science	4		
GEO 108	Introduction to Physical Geology	4		
PHY 105	Introduction to Physics	3		
Choose one of the following courses				
CHM 105/106	Intro to Chemistry w/Lab	4		
CHM 114/115	General Chemistry I w/Lab	4		

Course Code	Title	Hours	Semester	Grade
Choose one of the following				
BIO 204	Animal Behavior	4		
BIO 205	Ecology & Field Biology	4		
BIO 315	Entomology	4		
BIO 318	Ornithology	4		
	Total Secondary Biology Major Hour	**92**		
Content Courses: Secondary Chemistry (50 hours)				
BIO 114/115	Biological Process w/ lab	4		
BIO 124/125	Biodiversity w/ lab	4		
BIO 404	Biochemistry (CHM 314, 315, 324 and 325)	4		
CHM 114/115	General Chemistry I w/ lab	4		
CHM 124/125	General Chemistry II w/ lab (CHM 114/115)	4		
CHM 314/315	Organic Chemistry I w/ lab (CHM 124/125)	4		
CHM 324/325	Organic Chemistry II w/ lab (CHM 314/315)	4		
CHM 334/335	Analytical Chemistry I w/ lab (CHM 124/125)	4		
CHM 424/425	Physical Chemistry I w/ lab (CHM 124/125, MAT 214 and PHY 212 or 213)	4		
EDU 307	Teaching STEAM in 21st Century Classrooms (EDU 101, 231, 290, 291, declaration of major in EDU)	3		
ENV 105	Introduction to Environmental Science	4		
GEO 108	Physical Geology	4		
PHY 105	Introduction to Physics	3		
	Total Secondary Chemistry Major Hours:	**101**		
Content Courses English Language Arts (33 hrs)				
EDU 210	Literature for Children and Youth (EDU 101)	3		
EDU 309	Teaching of Writing in Middle and Secondary Schools (ENG 106 & One Writing Intensive Course)	3		

Course Code	Title	Hours	Semester	Grade
EDU 431	Teaching English in Middle and Secondary Schools (EDU 425, Completed English courses)	3		
ENG/JMP 265	Technical & Web Writing (ENG 106)	3		
ENG/JMP 270	Expository Writing (ENG 106)	3		
ENG 275	Introduction to Creative Writing (ENG 106)	3		
Choose one of the following courses (3 hours)				
ENG 238	American Literature to Civil War	3		
ENG 239	American Literature since Civil War	3		
ENG 345	Ethnic Literature	3		
Choose two of the following courses (6 hours)				
ENG 205	Topics in British Literature to 1800	3		
ENG 206	British Literature since 1800	3		
ENG 248	World Literature to 1600	3		
ENG 249	World Literature since 1600	3		
Choose one of the following courses (3 hours)				
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		
ENG 374	Creative Writing Poetry	3		
ENG 376	Creative Nonfiction	3		
	Total Secondary English Major Courses	**84**		
Content Courses: Mathematics (40 hrs)				
CSA 104	Programming Logic and Design	3		
EDU 433	Teaching Math in MS and Secondary	3		
MAT 124	Calculus I (see catalog)	5		
MAT 214	Calculus II (MAT 124 with a C- or better)	4		
MAT 215	Linear Algebra (MAT 124 with a C- or better)	3		

Course Code	Title	Hours	Semester	Grade
MAT 224	Calculus III (MAT 114 with a C- or better)	4		
MAT 314	Higher Geometry (MAT 214 with a C- or better or concurrent enrollment in MAT 214)	3		
MAT 422	Modern Algebra (Completion of CSA 104 & MAT 331 with a C- or better)	3		
Choose four of the following courses (12 hours)				
MAT 305	Heart of Mathematics (MAT 214 with a C- or better)	3		
MAT 310	History of Mathematics (MAT 124 with a C- or better)	3		
MAT 313	Mathematical Probability and Statistics (MAT 214 with a C- or better or concurrent enrollment in MAT 214)	3		
MAT 331	Mathematics Seminar	3		
MAT 424	Advanced Calculus (Completion of CSA 104, MAT 331, and MAT 224 with a C- or better)	3		
Total Secondary Mathematics Major Courses		**91**		
Content Courses Social Studies (36 hrs)				
GOG 101	Introduction to Geography	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 335	Topics in US Social, Cultural, or Political History	3		
POL 112	Introduction to Political Science	3		
POL 211	American Government and Politics	3		
Choose one of the following courses (3 hours)				
HIS 200	History on Film	3		
HIS 310	Public History	3		
HIS 340	Topics in Diplomatic and Military History	3		
Choose one of the following courses (3 hours)				

Course Code	Title	Hours	Semester	Grade
HIS 350	Topics in Early World History	3		
HIS 354	Scandalous Women	3		
HIS 360	Topics in Modern World History	3		
Choose one of the following courses (3 hours)				
ECN 110	Introduction to Economics	3		
ECN 211	Macroeconomics	3		
Choose two of the following courses (6 hours)				
PSY 112	Psychology as a Natural Science	3		
PSY 113	Psychology as a Social Science	3		
SOC 111	Introduction to Sociology	3		
	Total Hours For Major	**87**		

Admission into TEP is required prior to taking EDU 393, EDU 417, and student teaching. EDU 490 and EDU 497 are taken concurrently the last semester of study. Student must have attempted the Praxis to student teach. Student must maintain a 3.0 GPA on all required education courses. Student must adhere to all TEP guidelines to be recommended to the state for teacher certification.

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

_____

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Advisor Signature

Department Chair Signature