



WESTMINSTER  
COLLEGE

**East Central College  
Transfer Guide**

**2016-2017**

# New Foundations General Education Requirements

The New Foundations Program is the general education component of Westminster College's degree programs. It reflects Westminster's commitment to liberal learning in the arts and sciences, meaning that Westminster is dedicated to educating a student broadly by requiring courses that explore the scientific, historical, cultural, social, ethical, and aesthetic contexts in which we live.

Courses in the Westminster General Education Program are organized into three tiers: Tier I, the Foundational Tier; Tier II, the Contexts Tier; and Tier III, the Integrative Tier. The tiered structure imposes a developmental order on the course work of students that encourages maximum intellectual growth at each stage.

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## Tier I The Foundational Tier

Class #	Westminster Course Name		Equivalent Course at East Central College
ENG 103	Academic Writing	3 hrs.	EN 1223 English Composition I
MAT 114 or MAT 124	Statistics Calculus I	3 hrs. 5 hrs.	MT 2103 Statistics MT 1605 Analytic Geometry & Calculus I
FRE 101 or LAT 101 or SPA 101 FLG 101	Elementary French I Elementary Latin I Elementary Spanish I Elementary Foreign Language I	4 hrs. 4 hrs. 4 hrs. 4 hrs.	FR 1104 Elementary French I SP 1104 Elementary Spanish I AS 1334/GR 1104
WSM 101 or WSM 102 or WSM 103	Westminster Seminar Transfer Student Westminster Seminar Freshman/Transfer Westminster Seminar	3 hrs. 1 hrs. 3 hrs.	The Seminar must be taken at Westminster.

## Tier II The Contexts Tier

**Scientific Inquiry** – Two courses, one with a lab section (Lab indicated with \*)

Class #	Westminster Course Name		Equivalent Course at East Central College
AST 211	Astronomy	3 hrs.	PH 1003 Physical Science I
BIO 105	Essentials of Biology	3 hrs.	BI 1203 Intro to Life Science
BIO 107	Intro to Human Biology*	4 hrs.	
BIO 108	Intro to Biological Principles*	4 hrs.	BI 1305 General Biology with Lab
BIO 114/115	Biological Processes*	4 hrs.	BI 1325 Principles of Biology I with Lab
BIO 124/125	Biodiversity*	4 hrs.	BI 1415 Principles of Biology II with Lab
BIO 211	Insects & Human Affairs	3 hrs.	
CHM 105/106	Intro to Chemistry*	4 hrs.	CH 1105 Intro to Chemistry with Lab
CHM 114/115	General Chemistry I*	4 hrs.	CH 1305 General Chemistry I with Lab
CHM 124/125	General Chemistry II*	4 hrs.	CH 1405 General Chemistry II with Lab
ENV 105	Intro to Environmental Science	3 hrs.	ES 1023 Intro to Environmental Science
GEO 108	Intro to Physical Geology*	4 hrs.	GL 1103/1112
GEO 110	Earth Systems*	4 hrs.	
GEO 116	Environmental Geology*	4 hrs.	
GEO 118	Historical Geology	4 hrs.	
ITY 177	Foundations of Information Technology Science	3 hrs.	
PHY 105	Intro to Physics	3 hrs.	PH 1103 Intro to Physics
PHY 201	Physics I*	4 hrs.	PH 2103/2112
PHY 212	Physics II*	4 hrs.	PH 2203/2212
SCI LAB	Other (lab) courses that will fulfill this context	4 hrs.	
OTH SCI	Other (non-lab) courses that will fulfill this context	3 hrs.	PH 1113 Survey of Physical Science



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## Tier II The Contexts Tier (Continued)

### Historical Perspectives – Two courses required

Class #	Westminster Course Name		Equivalent Course at East Central College
CLA 227	Greek Civilization	3 hrs.	
CLA 228	Roman Civilization	3 hrs.	
HIS 101	British History to 1800	3 hrs.	
HIS 102	Survey of British History from 1800	3 hrs.	
HIS 103	History of the US to 1890	3 hrs.	HI 1103 US History to 1865
HIS 104	History of the US since 1890	3 hrs.	HI 1203 US History 1865-1945
HIS 105	Western Civilization I	3 hrs.	CV 2103 European Civilization I
HIS 106	Western Civilization II	3 hrs.	CV 2203 European Civilization II
HIS 109	World History I	3 hrs.	
HIS 110	World History II	3 hrs.	
HIS PER	Other courses that will fulfill this context	3 hrs.	CV 1003/2003/2603/HI 1303

### Fundamental Questions – One course required

Class #	Westminster Course Name		Equivalent Course at East Central College
PHL 101	Intro to Philosophy	3 hrs.	PR 1003 Intro to Philosophy
PHL 212	Intro to Ethics	3 hrs.	PR 2103 Ethics
PHL 221	History of Ancient & Medieval Philosophy	3 hrs.	
PHL 222	History of Modern Philosophy	3 hrs.	PR 1203 History of Modern Philosophy
PHL 242	Biomedical Ethics	3 hrs.	
PHL 244	Business Ethics	3 hrs.	
PHL 246	Environmental Ethics	3 hrs.	
POL 205	Intro to Political Theory	3 hrs.	
REL 101	Intro to the Bible	3 hrs.	
WGS 210	Intro to Women's Studies	3 hrs.	
FND QSV	Other courses that will fulfill this context	3 hrs.	

### Artistic Expression & Critical Appreciation – Two courses required, one of which must be a Literature course.

Class #	Westminster Course Name		Equivalent Course at East Central College
	<b>Literature Classes:</b>		
CLA 215	Mythology	3 hrs.	EN 1903 Classical Mythology
ENG 204	Intro to Literature	3 hrs.	
ENG 205	British Literature to 1800	3 hrs.	EN 2103 Survey of British Lit: Beg – 1784
ENG 206	British Literature since 1800	3 hrs.	EN 2113 Survey of British Lit
ENG 238	American Lit to the Civil War	3 hrs.	EN 2203 Survey of American Lit: Col – 1865
ENG 239	American Lit since the Civil War	3 hrs.	EN 2213 Survey of American Lit: 1865 – Present
ENG 248	World Literature to 1800	3 hrs.	EN 1413 World Literature I
ENG 249	World Literature since 1800	3 hrs.	EN 1423 World Literature II
FRE 280	Intro to French Literature	3 hrs.	
LAT 204	Intermediate Latin II	3 hrs.	
AEX LIT	Other (literature) courses that will fulfill this context	3 hrs.	
	<b>Non-Literature Classes:</b>		
ART 230	Survey of Western Art I	3 hrs.	AR 1703 Art History I
ART 231	Survey of Western Art II	3 hrs.	AR 1713 Art history II
ENG 275	Intro to Creative Writing	3 hrs.	EN 2313 Creative Writing
FAR 215	Art of the Film	3 hrs.	
ITY 250	Web Page Design, Aesthetics, & Interaction	3 hrs.	
MUS 105	Fundamentals of Music	3 hrs.	MU 1003 Fundamentals of Music
MUS 106	Theory & Practice Musical Expression & Performance	3 hrs.	
MUS 205	Music in the Western World	3 hrs.	MU 1503/1603
HES 208	Creative Movement & Rhythms	3 hrs.	
THA 201	Basic Acting	3 hrs.	CT 1403 Beginning Acting
AEX NLT	Other (non-lit) courses that will fulfill this context	3 hrs.	AR 1203 Art Appreciation



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## Tier II The Contexts Tier (Continued)

**Human Behavior & Social Institutions** – Three courses required, from three different disciplines

Class #	Westminster Course Name		Equivalent Course at East Central College
ANT 115	Cultural Anthropology	3 hrs.	
ECN 110	Intro to Economics	3 hrs.	
ECN 211	Principles of Macroeconomics	3 hrs.	EC 2103 Principles of Macroeconomics
ECN 212	Principles of Microeconomics	3 hrs.	EC 2203 Principles of Microeconomics
EDU 230	Child & Adolescent Growth & Development	3 hrs.	ED 1253 Child Development
GOG 101	Intro to Geography	3 hrs.	GE 1003 World Geography
LST 201	Leadership Theories & Practice	3 hrs.	
HES 261	Intro to Epidemiology	3 hrs.	
POL 112	Intro to Political Science	3 hrs.	PS 1103 Intro to Political Science
POL 211	American Government & Politics	3 hrs.	PS 1203 US Government I: National & State
PSY 112	Psychology as a Natural Science	3 hrs.	
PSY 113	Psychology as a Social Science	3 hrs.	PY 1103 General Psychology
SOC 111	Intro to Sociology	3 hrs.	SO 1103 General Sociology
HBH SOC	Other courses that will fulfill this context	3 hrs.	

**Cultural Diversity & Global Interdependence** – Two classes, one cultural or Language course, and one non-western course.

Class #	Westminster Course Name		Equivalent Course at East Central College
	<b>Cultural or Language Courses</b>		
BIO 320/321	Biology in Belize	4 hrs.	
FRE 102	Elementary French II	4 hrs.	FR 1204 Elementary French II
FRE 203	Intermediate French I	3 hrs.	FR 2104 Intermediate French I
FLG 102	Elementary Foreign Language II	4 hrs.	GR 1204 Elementary German II
FLG 203	Intermediate Foreign Language I	3 hrs.	
HIS 267	Latin American History & Culture	3 hrs.	
HUM 277	Spanish Civilization	3 hrs.	
HUM 278	Latin American Civilization	3 hrs.	CV 2303 Latin American Civilization
HUM 294	Intro to the French-Speaking World	3 hrs.	
LAT 102	Elementary Latin II	4 hrs.	
LAT 203	Intermediate Latin	3 hrs.	
SPA 102	Elementary Spanish II	4 hrs.	SP 1204 Elementary Spanish II
SPA 103	Accelerated Elementary Spanish	4 hrs.	
SPA 203	Intermediate Spanish	3 hrs.	SP 2114 Intermediate Spanish I
LAN CLT	Other courses that will fulfill this context	3 hrs.	
	<b>Non-Western Courses</b>		
ASN 201	Asian Studies	3 hrs.	
HIS 250	Modern East Asia	3 hrs.	
HIS 267	Latin American History & Culture	3 hrs.	
HIS 279	African Civilization	3 hrs.	
HUM 278	Latin American Civilization	3 hrs.	CV 2303 Latin American Civilization
HUM 294	Intro to the French Speaking World	3 hrs.	
INT 201	Intro to International Studies	3 hrs.	
HES 240	Intro to Global Public Health	3 hrs.	
POL 212	Intro to International Politics	3 hrs.	PS 2103 International Relations
PHL/REL 102	World Religions	3 hrs.	PR 1303 Living World Religions
SEC 201	Intro to Security Studies	3 hrs.	
SPA 378	Latin American Civilization	3 hrs.	
LAN NWS	Other courses that will fulfill this context	3 hrs.	CV 2613/2623



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## Tier III The Integrative Tier

One upper level course integrating multiple disciplines.	3 hrs.	This course must be taken at Westminster as a Junior or Senior.
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### Other Requirements:

122 hours of credit, with a minimum GPA of 2.00	There is no limit on the number of transfer credit hours which may be applied to this requirement.
Students must accrue 48 credits as a full-time Westminster student, which time must include the two semesters immediately preceding graduation.	
Students must be certified by at least one department or program as having met the requirements for a major.	
Three classes classified as "Writing Intensive", as designated in each semester's schedule of classes. At least one class must be upper level.	These classes must be taken at Westminster.
One physical education activity course.	
One upper level class outside the academic division in which the student's major resides.	This class must be taken at Westminster.

### Note:

These equivalencies are subject to change upon review by the faculty, or by the Associate Dean of Faculty.

### Key

**I-AWR** – Academic Writing

**I-FLG** – Tier I Foreign Language

**I-MAT** – Tier I Math

**I-WSM** – Westminster Seminar

**II-AEX** – Artistic Expression & Critical Appreciation

**II-CLT** – Cultural Diversity & Global Interdependence, Language & Culture

**II-NWS** – Cultural Diversity & Global Interdependence, Non-Western

**II-FND** – Fundamental Questions & Values

**II-HIS** – Historical Perspectives

**II-HBH** – Human Behavior & Social Institutions

**II-SCI** – Scientific Inquiry

**PE** – Physical Education



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# Accounting

The accounting major provides a thorough grounding in the fundamental concepts and theory of accounting and intensive practice in applying these concepts and theories to the preparation, analysis, and evaluation of financial statements for a variety of types of for-profit, not-for-profit, and government institutions.

Westminster's accounting major is built upon the understanding that the technological advancement of computer systems and the global economic system, while making accounting less labor-intensive, has also made the field of accounting much more sophisticated and complex. Consequently, a primary goal of the major is to help students learn how to learn, to develop analytical and conceptual skills along with communication and interpersonal skills, while at the same time acquiring a strong fundamental understanding of accounting theory and practice.

Students must have sophomore standing to enroll in any course in accounting.

## Westminster College

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### Core Business Courses

ACC 215 Principles of Financial Accounting	3 hrs.	AC 1003/1011
ACC 216 Principles of Managerial Accounting	3 hrs.	
BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 327 Operations Management	3 hrs.	
Or ECN 351 Managerial Economics	3 hrs.	
ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
FIN 318 Corporate Financial Management	3 hrs.	
MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
MIS 210 Spreadsheet Applications in Business	3 hrs.	
SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103
Or SPE 203 Interpersonal Communication	3 hrs.	
Or SPE 220 Public Relations	3 hrs.	

### Accounting Major Courses

ACC 307 Governmental & Not-for-Profit Accounting	3 hrs.	
ACC 308 Managerial & Cost Accounting	3 hrs.	
ACC 312 Intermediate Accounting I	3 hrs.	
ACC 319 Federal Income Tax I	3 hrs.	
ACC 320 Accounting Information Systems	3 hrs.	
ACC 322 Intermediate Accounting II	3 hrs.	
ACC 418 Advanced Accounting	3 hrs.	
ACC 419 Federal Income Tax II	3 hrs.	
ACC 421 Auditing	3 hrs.	
BUS 223 Business Law	3 hrs.	BU 2033 Legal Environment of Business
ECN 325 Money, Banking, and Financial Markets	3 hrs.	



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# Biochemistry

## (Biological Emphasis)

The Departments of Biology and Chemistry offer an interdisciplinary major program of study leading to a Bachelor of Arts in Biochemistry. The major program is structured into two tracks, biological emphasis and chemical emphasis, to allow the student to pursue a more advanced study of biochemistry to fulfill their particular interests and professional goals.

Both tracks require introductory biology and chemistry courses which place emphasis on fundamental concepts and give students a clear insight into the underlying biological and chemical principles.

Students completing a Biology or Chemistry major may not also receive a Biochemistry major. Students majoring in Biochemistry cannot obtain a second major or a minor in Biology or Chemistry.

### Westminster College

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#### Required Courses

BIO 124/125 Biodiversity	4 hrs.	<b>II-SCI</b>	BI 1415 Principles of Biology II with Lab
Or BIO 100 General Biology I	4 hrs.		
BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b>	BI 1325 Principles of Biology I with Lab
BIO 404 Biochemistry	4 hrs.		
CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
CHM 314/315 Organic Chemistry I	4 hrs.		CH 2305 Organic Chemistry I with Lab
CHM 324/325 Organic Chemistry II	4 hrs.		CH 2415 Organic Chemistry II with Lab

#### Biology Electives (Three of the following)

BIO 300 Cell Structure and Function (non-lab)	3 hrs.		
BIO 300 Ecotoxicology with Accompanying Lab	4 hrs.		
BIO 301 Genetics	4 hrs.		BI 2005 Genetics with Lab
BIO 325 Molecular Cell Biology	4 hrs.		
BIO 330 Virology	3 hrs.		
BIO 370 Physiology	4 hrs.		
BIO 372 Developmental Biology	4 hrs.		
BIO 403 Microbiology	4 hrs.		

#### Chemistry Electives (Two of the following)

CHM 300 Environmental Chemistry (lab required)	4 hrs.
CHM 304 Inorganic Chemistry	3 hrs.
CHM 334/335 Analytical Chemistry I (lab required)	4 hrs.
CHM 344/345 Analytical Chemistry II (lab required)	4 hrs.
CHM 404 Physical Chemistry for the Life Sciences	3 hrs.
Or CHM 424/425 Physical Chemistry I (lab required)	4 hrs.
CHM 410 Advanced Topics in Chemistry	3 hrs.
CHM 434/435 Physical Chemistry II (lab required)	4 hrs.

#### Other Required Courses

MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b>	MT 2103 Statistics
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I



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### Westminster College

### East Central College

#### Required Courses

BIO 124/125 Biodiversity	4 hrs.	<b>II-SCI</b>	BI 1415 Principles of Biology II with Lab
Or BIO 100 General Biology I	4 hrs.		
BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b>	BI 1325 Principles of Biology I with Lab
BIO 404 Biochemistry	4 hrs.		
CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
CHM 314/315 Organic Chemistry I	4 hrs.		CH 2305 Organic Chemistry I with Lab
CHM 324/325 Organic Chemistry II	4 hrs.		CH 2415 Organic Chemistry II with Lab
CHM 334/335 Analytical Chemistry I	4 hrs.		
CHM 404 Physical Chemistry for the Life Sciences	3 hrs.		
Or CHM 424/425 Physical Chemistry I	4 hrs.		
PHY 201 Physics I	4 hrs.	<b>II-SCI</b>	PH 2103/2112
PHY 212 Physics II	4 hrs.	<b>II-SCI</b>	PH 2103/2212
MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I
MAT 214 Calculus II	4 hrs.		MT 2105 Analytic Geometry & Calculus II

#### Biology Electives (Two of the following)

BIO 301 Genetics	4 hrs.		BI 2005 Genetics with Lab
BIO 325 Molecular Cell Biology	4 hrs.		
BIO 330 Virology	3 hrs.		
BIO 370 Physiology	4 hrs.		
BIO 372 Developmental Biology	4 hrs.		
BIO 403 Microbiology	4 hrs.		

#### Chemistry Electives (One of the following)

CHM 304 Inorganic Chemistry	3 hrs.		
CHM 334/335 Analytical Chemistry II	4 hrs.		
CHM 410 Advanced Topics in Chemistry	3 hrs.		
CHM 434/435 Physical Chemistry II	4 hrs.		



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# Biology

The Biology Major at Westminster will teach you to understand, interpret and manipulate biological processes and organisms. It will expose students to the broad scope and diversity of modern biology, which can be used to find careers in the life sciences. Students have access to the state-of-the-art facilities in the Coulter Science Center, and opportunities for off-campus studies, internships, and independent research.

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### Level One (Both required)

BIO 124/125 Biodiversity	4 hrs.	<b>II-SCI</b>	BI 1415 Principles of Biology II with Lab
Or BIO 100 General Biology I	4 hrs.		
BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b>	BI 1325 Principles of Biology I with Lab

### Level Two (Two of the following)

BIO 203 Human Anatomy	4 hrs.		
BIO 205 Ecology & Field Biology	4 hrs.		
BIO 301 Genetics	4 hrs.		BI 2005 Genetics with Lab
BIO 322 Vertebrate Biology	4 hrs.		

### Level Three (Five courses, three must include a laboratory section)

#### Cellular Biology, Molecular Biology, and Human Health

BIO 300 Cell Structure & Function	3 hrs.		
BIO 314 Vertebrate Histology	3-4 hrs.		
BIO 325 Molecular Cell Biology	4 hrs.		
BIO 330 Virology	3 hrs.		
BIO 370 Physiology	4 hrs.		
BIO 372 Developmental Biology	4 hrs.		
BIO 403 Microbiology	4 hrs.		
BIO 404 Biochemistry	4 hrs.		

#### Organismal Biology

BIO 204 Animal Behavior	4 hrs.		
BIO 208 Functional Plant Morphology	4 hrs.		
BIO 308 Taxonomy & System. Flowering Plants	4 hrs.		
BIO 309 Phycology	4 hrs.		
BIO 315 Entomology	4 hrs.		
BIO 318 Ornithology	4 hrs.		

#### Ecosystems: Characteristics, Processes and Management

BIO 210 Biogeography	3 hrs.		
BIO 300 Ecotoxicology with accompanying lab	4 hrs.		
BIO 320/321 Biology in Belize	4 hrs.	<b>II-CLT</b>	
BIO 340 Wetlands	3 hrs.		
BIO 345 Forest Resources & Management	4 hrs.		
BIO 350 Conservation Biology	3 hrs.		

#### Capstone Course

BIO 450 Evolution	3 hrs.		
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#### Other Required Courses

MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b>	MT 2103 Statistics
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I

#### Recommended Courses

CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
CHM 314/315 Organic Chemistry I	4 hrs.		CH 2305 Organic Chemistry I with Lab
CHM 324/325 Organic Chemistry II	4 hrs.		CH 2415 Organic Chemistry II with Lab



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# Business Administration

The business administration major develops an appreciation for the role of business in society, the moral and ethical dimensions of business, and the impact of diverse cultures on business operations. Students will also learn to appreciate human interaction in the work environment, and the process of conceiving, planning, designing, and running a business enterprise. The major will develop an ability to analyze complex problems and make reasoned judgments, to understand and work with financial data, and to understand and use personal computers and computer systems. Finally, students will develop an ability to communicate effectively and work with others.

Business majors are well prepared for entry-level positions in a wide variety of organizations. In addition, graduate programs are available across the country for further study at the masters and doctoral levels. Students with graduate degrees find ready employment in business, education, research, and/or consulting.

A Business Administration major may be completed with no concentration, or with one or more concentrations in finance, marketing, management, or entrepreneurial studies.

Students must have sophomore standing to enroll in any business course.

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### Core Business Courses

ACC 215 Principles of Financial Accounting	3 hrs.	AC 1003/1011
ACC 216 Principles of Managerial Accounting	3 hrs.	
BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 327 Operations Management	3 hrs.	
Or ECN 351 Managerial Economics	3 hrs.	
Or BUS 360 Decision Making	3 hrs.	
ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
FIN 318 Corporate Financial Management	3 hrs.	
MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
MIS 210 Spreadsheet Applications in Business	3 hrs.	
SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103
Or SPE 203 Interpersonal Communication	3 hrs.	
Or SPE 220 Public Relations	3 hrs.	

### Required Capstone Course

BUS 450 Business Policy	3 hrs.
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### Electives If no optional concentration (4 courses, 2 in BUS)

BUS Elective Course	3 hrs.	
BUS Elective Course	3 hrs.	
ABE Elective Course	3 hrs.	
ABE Elective Course	3 hrs.	
Or PHL 244 Business Ethics	3 hrs.	<b>II-FND</b>



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# Business Administration

## (Optional Concentrations)

A Business Administration major may be completed with no concentration by completing any 4 additional ABEMIS (Accounting, Business, Economics and Management Information Systems) elective courses, 2 of them Business courses.

Students may also choose to complete one or more of the four concentration areas below. Some courses serve multiple concentrations. However, any given elective may be counted toward at most two concentrations simultaneously.

### Entrepreneurial Studies Concentration

BUS 325 Entrepreneurship 3 hrs.

#### Electives (Choose Three)

BUS 223 Business Law	3 hrs.	BU 2033 Legal Environment of Business
BUS/FIN 318 Corporate Finance	3 hrs.	
BUS 399 Internship	3 hrs.	
SPE 310 Business & Professional Communication	3 hrs.	

### Finance Concentration (Three of the following)

ACC 319 Federal Income Tax I	3 hrs.
ACC 419 Federal Income Tax II	3 hrs.
BUS/FIN 318 Corporate Finance	3 hrs.
BUS 328 Managerial Finance	3 hrs.
FIN 350 Investments	3 hrs.
ECN 310 International Trade and Finance	3 hrs.
ECN 316 Public Finance	3 hrs.
ECN 325 Money and Banking	3 hrs.

### Management Concentration (Three of the following)

BUS 221 Organizational Behavior	3 hrs.
BUS 325 Entrepreneurship	3 hrs.
BUS 326 Human Resource Management	3 hrs.
BUS 337 Labor Relations	3 hrs.
BUS 300 Experimental Courses	3 hrs.
PSY 305 Industrial/Organizational Psychology	3 hrs.
SPE 203 Interpersonal Communication	3 hrs.
SPE 310 Business & Professional Communication	3 hrs.

### Marketing Concentration (Three of the Following)

BUS 315 Sports Management	3 hrs.	
BUS 330 Advertising	3 hrs.	
BUS 334 Consumer Behavior	3 hrs.	
BUS 340 International Business	3 hrs.	
ENG 260 Intro to Journalism	3 hrs.	
Or ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b> EN 2313 Creative Writing
Or ENG 365 Magazine Writing and Editing	3 hrs.	
PSY 310 Social Psychology	3 hrs.	
Or PSY 315 Psychology of Personality	3 hrs.	
Or PSY 320 Memory & Cognition	3 hrs.	
SPE 203 Interpersonal Communication	3 hrs.	
Or SPE 220 Public Relations	3 hrs.	
Or SPE 310 Business & Professional Communication	3 hrs.	



# Business Communication

Students study the communication process from a variety of perspectives—media relations, business, management and communications philosophy. Students receive a hands-on, real world applicable approach to the field. They learn the importance of communicating with different audiences in different ways. Students pursue three different academic paths within the major: oral communication, written communication, and visual communication.

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### Required Courses

SPE 101 Intro to Speech	3 hrs.	CT 1003/1103
SPE 203 Interpersonal Communication	3 hrs.	
SPE 310 Business & Professional Communication	3 hrs.	
ENG 260 Intro to Journalism	3 hrs.	
ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II
ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b> EN 2313 Creative Writing
BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 330 Principles of Advertising	3 hrs.	
BUS 334 Consumer Behavior	3 hrs.	

### Written Communication (One of the following)

ENG 360 Special Topics in Journalism	3 hrs.
ENG 365 Magazine Writing & Editing	3 hrs.
ENG 372 Creative Writing: Fiction	3 hrs.
ENG 374 Creative Writing: Poetry	3 hrs.
ENG 376 Creative Non-fiction	3 hrs.

### Communication in Context (Two of the following)

BUS 326 Human Resource Management	3 hrs.	
FRE/SPA 303 Advanced Conversation	3 hrs.	
ITS 399 Internship	3 hrs.	
PHL 218 Intro to Logic	3 hrs.	PR 1113 Introduction to Logic
POL 311 Political Parties, Voting, and Campaign Strategies	3 hrs.	
SPE 220 Public Relations	3 hrs.	
SPE 303 Communication in Relationships	3 hrs.	

### Visual Communication (One of the following)

ART 200 Digital Photography	3 hrs.	
ART 210 Photography	3 hrs.	
ART 215 Graphic Arts	3 hrs.	
ART 230 Survey of Western Art I	3 hrs.	<b>II-AEX</b> AR 1703 Art History I
ART 231 Survey of Western Art II	3 hrs.	<b>II-AEX</b> AR 1713 Art History II
FAR 215 Art of Film	3 hrs.	<b>II-AEX</b>



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# Chemistry

Chemistry is often called the “central science” since the basic principles of chemistry are closely related to all other areas of science. Westminster’s chemistry program prepares you for success—not only in the field of chemistry but also in many science-related occupations. Students majoring in chemistry take one-year course sequences in general, organic, analytical, and physical chemistry. In addition, they also take inorganic chemistry and complete at least one upper level course such as biochemistry, medicinal chemistry, or chemical kinetics. This approach enables you to focus on the specific aspects of chemistry that interest you most.

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### Required Chemistry Courses

CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
CHM 304 Inorganic Chemistry	3 hrs.		
CHM 314/315 Organic Chemistry I	4 hrs.		CH 2305 Organic Chemistry I with Lab
CHM 324/325 Organic Chemistry II	4 hrs.		CH 2415 Organic Chemistry II with Lab
CHM 334/335 Analytical Chemistry I	4 hrs.		
CHM 344/345 Analytical Chemistry II	4 hrs.		
CHM 424/425 Physical Chemistry II	4 hrs.		
CHM 434/435 Physical Chemistry II	4 hrs.		
CHM Elective above the 200 level	3 hrs.		

### Other Required Courses

Mathematics through MAT 224:

MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I
MAT 214 Calculus II	4 hrs.		MT 2105 Analytic Geometry & Calculus II
MAT 224 Calculus III	4 hrs.		MT 2205 Analytic Geometry & Calculus III
PHY 201 Physics I	4 hrs.	<b>II-SCI</b>	PH 2103/2112
PHY 212 Physics II	4 hrs.	<b>II-SCI</b>	PH 2103/2212



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# Computer Science

A degree in Computer Science focuses on the mathematical, logical, and scientific applications of computer science, particularly algorithms and software development. Students are required to complete complementary courses in mathematics, statistics, and logic. Significant areas addressed in this major include secure coding, empirical research, and data science. This major emphasizes problem solving, computer programming knowledge and skills, software engineering concepts and practices, and provides the student with opportunities to apply these concepts to a variety of computer-based systems.

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## Algorithms & Programming Track

### Required Courses

CSC 104	Programming Logic and Design	3 hrs.	EG 2203/2211
CSC 111	Fundamentals of Computer Science I	3 hrs.	
CSC 178	Survey of Computer Science	3 hrs.	CS 1013 Survey of Computers & Info Systems
CSC 211	Fundamentals of Computer Science II	3 hrs.	
CSC 327	Database Management Systems	3 hrs.	
CSC 350	Systems Analysis and Design	3 hrs.	
ITY 177	Foundations of Information Technology Science	3 hrs.	<b>II-SCI</b>
ITY 181	Intro to Software Engineering	3 hrs.	
ITY 351	Systems and Software Engineering Lab	3 hrs.	
MAT 124	Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I

### Electives (Twelve credits total)

#### At least two of the following:

CSC 201	Intro to Digital Systems	3 hrs.
CSC 205	Visual Basic Programming	3 hrs.
CSC 390	Object-Oriented Programming	3 hrs.
CSC 411	Topics in Programming	3 hrs.

#### Other Electives

CSC 314	Advanced Digital Systems	3 hrs.
CSC 316	Compilers, Interpreters and Operating Systems	3 hrs.
CSC 398	Independent Study in Computer Science	1-4 hrs.
CSC 399	Internship in Computer Science	1-4 hrs.
CSC 427	Client Server and Web-based Programming	3 hrs.
CSC 454	Computer Science Practicum	1 hr.
ITY 232	Computer Networking	3 hrs.
ITY 409	Information Technology in the Organization	3 hrs.

### Mathematics and Logic Electives (Any two of the following)

MAT 214	Calculus II	4 hrs.	MT 2105 Analytic Geometry & Calculus II
MAT 215	Linear Algebra	3 hrs.	
MAT 313	Mathematical Probability and Statistics	3 hrs.	
PHL 224	Formal Logic	3 hrs.	



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# Economics

The Economics Program at Westminster provides a thorough grounding in the basic tools of economic analysis and intensive practice in applying these tools to the analysis of significant aspects of the American economy in an international context. This foundation should be particularly useful to students preparing for graduate work in economics or those planning to enter the business world, law, or government service.

Students must have sophomore standing to enroll any economics courses for the major. Students must have completed the core courses and have achieved junior standing in order to register for 300 or 400 level economics courses.

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### Required Courses

ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
ECN 235 Research Methods in Economics & Business	3 hrs.	
Or ECN 367 Econometrics	3 hrs.	
ECN 331 Intermediate Macroeconomic Theory	3 hrs.	
ECN 332 Intermediate Price Theory	3 hrs.	

### Track I: Economics Major

Four ECN Electives (2 upper level, no ECN 110)	12 hrs.	
ECN 425 Capstone Senior Seminar	3 hrs.	
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
SPE 101 Intro to Speech	3 hrs.	CT 1003/1103
Or ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II
MIS or CSC course	3 hrs.	

### Track II: Economics Major with Honors

ECN 360 Mathematical Economics	3 hrs.	
ECN 367 Econometrics	3 hrs.	
Two ECN Electives	6 hrs.	
ECN 400 Senior Capstone Honors Thesis (2 semesters)	6 hrs.	
MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
MAT 215 Linear Algebra	3 hrs.	
SPE 101 Intro to Speech	3 hrs.	CT 1003/1103
Or ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II



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# Education (Early Childhood)

As an education major, you will receive personal attention within a learning community that encourages you 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. Your general education requirements will provide you with understanding in the academic areas all educated people need to know. Your educational foundation courses will explore the current issues and philosophical bases for teaching and learning. Methods courses will help you discover the best ways to teach and help others learn. Your professors will draw on current research and extensive experience to make course work meaningful and strive to demonstrate attitudes and practices that will serve as examples for your future classrooms.

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### Core Early Childhood Education Courses:

EDU 101 Intro to Teaching	1 hr.	
EDU/HES 207 Health, Safety, & P.E.	3 hrs.	
EDU 210 Literature for Children & Youth	3 hrs.	EN 2033 Literature for Children
EDU/PSY 221 Education Psychology	3 hrs.	
EDU 230 Child and Adolescent Growth & Development	3 hrs.	<b>II-HBH</b> ED 1253 Child Development
EDU 231 Education of Exceptional Individuals	3 hrs.	
EDU 280 Programs in Early Childhood	3 hrs.	
EDU 288 Assessment in Early Childhood	2 hrs.	
EDU 290 Foundations of Education	3 hrs.	ED 2033/2123
EDU 302 Emergent Literacy	3 hrs.	
EDU 392 Reading & Writing in Content Areas	3 hrs.	
EDU 453 Classroom Management & Organization	3 hrs.	
EDU 490 Educational Seminar	3 hrs.	
MAT 231 Math for Elementary & Middle School	3 hrs.	
PSY 113 Psychology as a Social Science	3 hrs.	<b>II-HBH</b> PY 1103 General Psychology

### Methods of Teaching Courses:

EDU 203 Teaching Art, Music, & Language Arts	3 hrs.
EDU 306 Teaching Reading	3 hrs.
EDU 310 Methods of Teaching Science in Elem. & MS	2 hrs.
EDU 380 Integrated Curriculum in Early Childhood	3 hrs.
MAT 351 Methods of Teaching Elementary/MS Math	3 hrs.

### Field and Clinical Experiences Courses:

EDU 291 Education Practicum I	2 hrs.
EDU 393 Education Practicum II	2 hrs.
EDU 417 Advanced Practicum	1-3 hrs.
EDU 492 Student Teaching: Early Childhood Education	12 hrs.

### Content Coursework:

The content coursework for elementary and early childhood majors is considered to be the College's General Education Requirements.



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# Education (Elementary)

As an education major, you will receive personal attention within a learning community that encourages you 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. Your general education requirements will provide you with understanding in the academic areas all educated people need to know. Your educational foundation courses will explore the current issues and philosophical bases for teaching and learning. Methods courses will help you discover the best ways to teach and help others learn. Your professors will draw on current research and extensive experience to make course work meaningful and strive to demonstrate attitudes and practices that will serve as examples for your future classrooms.

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### Core Elementary Courses:

EDU 101 Intro to Teaching	1 hr.	
EDU/HES 207 Health, Safety, & P.E.	3 hrs.	
EDU 210 Literature for Children & Youth	3 hrs.	EN 2033 Literature for Children
EDU/PSY 221 Educational Psychology	3 hrs.	
EDU 230 Child and Adolescent Growth & Development	3 hrs.	II-HBH ED 1253 Child Development
EDU 231 Education of Exceptional Individuals	3 hrs.	
EDU 290 Foundations of Education	3 hrs.	ED 2033/2123
EDU 302 Emergent Literacy	3 hrs.	
EDU 350 Digital Literacy	3 hrs.	
EDU 392 Reading & Writing in Content Areas	3 hrs.	
EDU 441 Reading Assessment & Analysis	3 hrs.	
EDU 453 Classroom Management & Organization	3 hrs.	
EDU 490 Educational Seminar	3 hrs.	
MAT 231 Math for Elementary & Middle School	3 hrs.	

### Methods of Teaching Courses:

EDU 203 Teaching Art, Music, & Language Arts	3 hrs.
EDU 306 Teaching Reading	3 hrs.
EDU 308 Methods of Teaching Social Studies in Elem. & MS	2 hrs.
EDU 310 Methods of Teaching Science in Elem. & MS	2 hrs.
MAT 351 Methods of Teaching Elementary/MS Mathematics	3 hrs.

### Field and Clinical Experiences Courses:

EDU 291 Education Practicum I	2 hrs.
EDU 393 Education Practicum II	2 hrs.
EDU 492 Student Teaching: Elementary School	12 hrs.

### Content Coursework:

The content coursework for elementary and early childhood majors is considered to be the College's General Education Requirements.

### Early Childhood Add-On for Elementary

EDU 280 Programs in Early Childhood Education	3 hrs.
EDU 288 Assessment in Early Childhood	3 hrs.
EDU 380 Integrated Curriculum in Early Childhood	3 hrs.
EDU 417 Advanced Practicum	1 hr.



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# Education (Middle School)

As an education major, you will receive personal attention within a learning community that encourages you 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. Your general education requirements will provide you with understanding in the academic areas all educated people need to know. Your educational foundation courses will explore the current issues and philosophical bases for teaching and learning. Methods courses will help you discover the best ways to teach and help others learn. Your professors will draw on current research and extensive experience to make course work meaningful and strive to demonstrate attitudes and practices that will serve as examples for your future classrooms.

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### Core Middle School Courses:

EDU 101 Intro to Teaching	1 hr.	
EDU/PSY 221 Educational Psychology	3 hrs.	
EDU 230 Child and Adolescent Growth & Development	3 hrs.	<b>II-HBH</b> ED 1253 Child Development
EDU 231 Education of Exceptional Individuals	3 hrs.	
EDU 290 Foundations of Education	3 hrs.	ED 2033/2123
EDU 306 Teaching Reading	3 hrs.	
EDU 311 Middle School Philosophy & Organization	2 hrs.	
EDU 314 Middle School Curriculum & Instruction	2 hrs.	
EDU 385 Diversity in Education	3 hrs.	
EDU 392 Reading & Writing in Content Areas	3 hrs.	
EDU 453 Classroom Management & Organization	3 hrs.	
EDU 490 Educational Seminar	3 hrs.	

### Field and Clinical Experiences Courses:

EDU 291 Education Practicum I	2 hrs.
EDU 393 Education Practicum II	2 hrs.
EDU 495 Student Teaching: Middle School	12 hrs.

### Methods of Teaching Courses by Content Area:

#### English Language Arts

EDU 309 Teaching of Writing in Middle & Secondary Schools	3 hrs.
EDU 431 Teaching English in Middle & Secondary Schools	3 hrs.

#### Mathematics

MAT 351 Methods of Teaching Elem. & MS Mathematics	3 hrs.
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#### Science

EDU 436 Methods of Teaching Science in Middle & Sec. Schools	3 hrs.
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#### Social Science

EDU 435 Methods of Teaching Social Studies in Middle & Sec.	3 hrs.
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### Content Coursework:

(24 Hours in Concentration Area)

Concentration Areas: A single concentration area of 24 hours is recommended to be selected from social studies, science, mathematics, and English language arts. Some of the concentration area courses are included in the general education requirements of the state and the College. Consult with an advisor to coordinate program of study.



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# Education (Secondary School)

As an education major, you will receive personal attention within a learning community that encourages you 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. Your general education requirements will provide you with understanding in the academic areas all educated people need to know. Your educational foundation courses will explore the current issues and philosophical bases for teaching and learning. Methods courses will help you discover the best ways to teach and help others learn. Your professors will draw on current research and extensive experience to make course work meaningful and strive to demonstrate attitudes and practices that will serve as examples for your future classrooms.

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### Core Secondary Courses:

EDU 101 Intro to Teaching	1 hr.	
EDU/PSY 221 Educational Psychology	3 hrs.	
EDU 230 Child and Adolescent Growth & Development	3 hrs.	<b>II-HBH</b> ED 1253 Child Development
EDU 231 Education of Exceptional Individuals	3 hrs.	
EDU 290 Foundations of Education	3 hrs.	ED 2033/2123
EDU 306 Teaching Reading	3 hrs.	
EDU 392 Reading & Writing in Content Areas	3 hrs.	
EDU 453 Classroom Management & Organization	3 hrs.	
EDU 490 Educational Seminar	3 hrs.	

### Field and Clinical Experiences Courses:

EDU 291 Education Practicum I	2 hrs.
EDU 393 Education Practicum II	2 hrs.
EDU 497 Student Teaching: High School	12 hrs.

### Methods of Teaching Courses by Content Area:

#### Biology

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 436 Methods of Teaching Science in Sec.	3 hrs.

#### Business

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 398 Independent Study: Methods of Teaching Business	3 hrs.

#### Chemistry

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 436 Methods of Teaching Science in Sec.	3 hrs.

#### English Language Arts

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 431 Teaching English in Middle & Secondary Schools	3 hrs.

#### General Science

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU436 Methods of Teaching Science in Sec.	3 hrs.

#### Mathematics

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 433 Teaching Mathematics in Middle & Sec.	3 hrs.
MAT 231 Mathematics for Elem. & Middle School	3 hrs.
MAT 351 Methods of Teaching Elem/Mid Math	3 hrs.

#### Social Science

EDU 425 Methods of Secondary School Teaching	3 hrs.
EDU 435 Teaching Social Studies in Middle/Sec.	3 hrs.

### Content Coursework:

Secondary Education specialty areas of concentration are offered in the following fields of study: Biology, Business, Chemistry, English, French, General Science, Mathematics, Physical Education, Physics, Social Studies, and Spanish. (See an education advisor for more information.)



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# Education Curriculum Studies

The Education Curriculum Studies Major encompasses a thorough foundational knowledge base of educational theory and appropriate curriculum for the specified area of concentration. The student will be prepared to work in various school settings in a support capacity, but not as a certified teacher, as well as being prepared for a number of additional careers, including youth programming in social services, recreational services, or educational sales. Students will participate in a practicum component doing field work in a school setting, and will pursue writing and speech intensive coursework necessary to success in any field.

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### Required Courses

EDU/PSY 221 Educational Psychology	3 hrs.	
EDU 230 Child and Adolescent Growth & Development	3 hrs.	<b>II-HBH</b> ED 1253 Child Development
EDU 231 Education of Exceptional Individuals	3 hrs.	
EDU 290 Foundations of Education	3 hrs.	ED 2033/2123
EDU 291 Education Practicum I	2 hrs.	
EDU 393 Education Practicum II	2 hrs.	
EDU 417 Special Practicum/Capstone	6 hrs.	

### Electives (15 hours)

EDU 101 Introduction to Teaching	1 hr.	
EDU 203 Teaching Art, Music, and Lang. Arts	3 hrs.	
EDU/HES 206 Growth & Development in Elementary P.E.	3 hrs.	
EDU/HES 207 School Health, P.E., & Safety in Elementary	3 hrs.	
EDU 210 Literature for Children & Youth	3 hrs.	EN 2033 Literature for Children
EDU 280 Programs in Early Childhood	3 hrs.	
EDU 288 Assessment in Early Childhood	2 hrs.	
EDU 306 Teaching Reading	3 hrs.	
EDU 308 Methods of Teaching Social Studies in Elem. & MS	2 hrs.	
EDU 309 Teaching of Writing in Middle & Secondary	3 hrs.	
EDU 310 Methods of Teaching Science in Elem. & MS	2 hrs.	
EDU 311 Middle School Philosophy & Organization	2 hrs.	
EDU 314 Middle School Curriculum & Instruction	2 hrs.	
EDU 380 Integrated Curriculum in Early Childhood	3 hrs.	
EDU 392 Teaching Reading in Content Areas	3 hrs.	
EDU 400 Programs in Business Education	3 hrs.	
EDU 425 Secondary School Teaching	3 hrs.	
EDU 431 Teaching English in Secondary/ Middle Schools	3 hrs.	
EDU 433 Teaching Math in Middle/Secondary Schools	3 hrs.	
EDU 434 Methods of Teaching Middle School/Secondary P.E.	3 hrs.	
EDU 435 Teaching Social Studies in Middle School/Sec. Schools	3 hrs.	
EDU 436 Teaching Science in Middle/Secondary Schools	3 hrs.	
EDU 437/FLG 220 Methods of Teaching Foreign Language	3 hrs.	
EDU 438 Teaching Business in Secondary Schools	2 hrs.	
EDU 441 Reading Assessment & Advancement	3 hrs.	
MAT 231 Math for Elementary & Middle School Teachers	3 hrs.	
MAT 351 Methods for Teaching Elementary & MS Math	3 hrs.	

### Concentration Area (18 hours)

Students are also required to complete at least 18 hours in one education concentration area, Math, Science, English, Social Science, Business, Physical Education, or Spanish.



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# English

## (Literature Track)

The Department of English Language and Literature offers a major program of study leading to a Bachelor of Arts in English. By studying British, American, and world literatures, students who major in English learn to read closely, to think critically, and to write clearly. English majors may pursue one of three areas of emphasis, literary criticism, creative writing or English education, or choose a degree without an area of emphasis. Students who meet the requirements are invited to complete an Honors Sequence in their area of emphasis. A major in English provides a solid foundation for the business world, law school, journalism, education, or graduate study in any field.

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### 200-level Literature Courses (6 hours)

ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 2103 Survey of British Lit: Beg – 1784
ENG 206 British Literature since 1800	3 hrs.	<b>II-AEX</b>	EN 2113 Survey of British Lit
ENG 238 American Literature to the Civil War	3 hrs.	<b>II-AEX</b>	EN 2203 Survey of American Lit: Col – 1865
ENG 239 American Literature since the Civil War	3 hrs.	<b>II-AEX</b>	EN 2213 Survey of American Lit: 1865 – Present
ENG 248 World Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 1413 World Literature I
ENG 249 World Literature Since 1800	3 hrs.	<b>II-AEX</b>	EN 1423 World Literature II

### 200-level Writing/Theory Courses (6 hours)

ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b>	EN 2313 Creative Writing
ENG 290 Critical Practicum	3 hrs.		

### 300 and 400-level Literature Courses (15 hours)

ENG 350 Studies in the Author: Shakespeare	3 hrs.		
<b>FOUR of the following:</b>			
ENG 315 Literary Modes and Genres	3 hrs.		
ENG 325 Literary Movements	3 hrs.		
ENG 330 Literary Visions and Revisions	3 hrs.		
ENG 335 A Sense of Place	3 hrs.		
ENG 340 Gender and Literary Expression	3 hrs.		
ENG 345 Ethnic Literature	3 hrs.		EN 2123 African American Literature
ENG 350 Studies in the Author	3 hrs.		
ENG 355 Literature and the Other Arts	3 hrs.		

### Electives (9 hours)

May Include:			
ENG 420 Honors Project I	3 hrs.		
ENG 430 Honors Project II	3 hrs.		

(Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, British/World Literature.)



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# English

## (Creative Writing Track)

The Department of English Language and Literature offers a major program of study leading to a Bachelor of Arts in English. By studying British, American, and world literatures, students who major in English learn to read closely, to think critically, and to write clearly. English majors may pursue one of three areas of emphasis, literary criticism, creative writing or English education, or choose a degree without an area of emphasis. Students who meet the requirements are invited to complete an Honors Sequence in their area of emphasis. A major in English provides a solid foundation for the business world, law school, journalism, education, or graduate study in any field.

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#### 200-level Literature Courses (6 hours)

ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 2103 Survey of British Lit: Beg – 1784
ENG 206 British Literature since 1800	3 hrs.	<b>II-AEX</b>	EN 2113 Survey of British Lit
ENG 238 American Literature to the Civil War	3 hrs.	<b>II-AEX</b>	EN 2203 Survey of American Lit: Col – 1865
ENG 239 American Literature since the Civil War	3 hrs.	<b>II-AEX</b>	EN 2213 Survey of American Lit: 1865 – Present
ENG 248 World Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 1413 World Literature I
ENG 249 World Literature since 1800	3 hrs.	<b>II-AEX</b>	EN 1423 World Literature II

#### 200-level Writing/Theory Courses (6 hours)

ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b>	EN 2313 Creative Writing
ENG 290 Critical Practicum	3 hrs.		

#### 300-and 400-level Writing/Literature Courses (18 hrs.):

ENG 372 Creative Writing Fiction	3 hrs.		
ENG 374 Creative Writing Poetry	3 hrs.		
ENG 376 Creative Writing Nonfiction	3 hrs.		
<b>THREE of the following:</b>			
ENG 315 Literary Modes and Genres	3 hrs.		
ENG 325 Literary Movements	3 hrs.		
ENG 330 Literary Visions and Revisions	3 hrs.		
ENG 335 A Sense of Place	3 hrs.		
ENG 340 Gender and Literary Expression	3 hrs.		
ENG 345 Ethnic Literature	3 hrs.		EN 2123 African American Literature
ENG 350 Studies in the Author	3 hrs.		
ENG 355 Literature and the Other Arts			

#### Electives (6 hours)

May Include:

ENG 420 Honors Project I	3 hrs.
ENG 430 Honors Project II	3 hrs.

(Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, British/World Literature.)



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# English

## (English Education Track)

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### Westminster College

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#### 200-level Literature Courses (6 hours)

ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 2103 Survey of British Lit: Beg – 1784
ENG 206 British Literature since 1800	3 hrs.	<b>II-AEX</b>	EN 2113 Survey of British Lit
ENG 238 American Literature to the Civil War	3 hrs.	<b>II-AEX</b>	EN 2203 Survey of American Lit: Col – 1865
ENG 239 American Literature since the Civil War	3 hrs.	<b>II-AEX</b>	EN 2213 Survey of American Lit: 1865 – Present
ENG 248 World Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 1413 World Literature I
ENG 249 World Literature Since 1800	3 hrs.	<b>II-AEX</b>	EN 1423 World Literature II

#### 200-level Writing/Theory Courses (15 hours)

ENG 270 Expository Writing	3 hrs.		EN 1333 English Composition II
ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b>	EN 2313 Creative Writing
ENG 290 Critical Practicum	3 hrs.		

#### TWO of the following:

ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 2103 Survey of British Lit: Beg – 1784
ENG 220 Janus & the World of Publishing	3 hrs.		
ENG 260 Intro to Journalism	3 hrs.		

#### 300 and 400-level Literature Courses (9 hours)

ENG 350 Studies in the Author: Shakespeare	3 hrs.		
<b>TWO of the following:</b>			
ENG 315 Literary Modes and Genres	3 hrs.		
ENG 325 Literary Movements	3 hrs.		
ENG 330 Literary Visions and Revisions	3 hrs.		
ENG 335 A Sense of Place	3 hrs.		
ENG 340 Gender and Literary Expression	3 hrs.		
ENG 345 Ethnic Literature	3 hrs.		EN 2123 African American Literature
ENG 350 Studies in the Author	3 hrs.		
ENG 355 Literature and the Other Arts	3 hrs.		

#### Electives (6 hours)

**American Literature requirement:** 6 hrs. from ENG 238, ENG 239, or 300 level American Lit. At least one course must have an Ethnic Component.

**British/World Literature requirement:** 6 hrs. from ENG 205, 206, 248, 249, 300-level British/World Literature; Shakespeare.

(Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, British/World Literature. ENG 205 may count for either the 200-level literature requirement or the 200-level writing requirement, but may not count for both requirements.)



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# English

## (Without an Area of Emphasis)

The Department of English Language and Literature offers a major program of study leading to a Bachelor of Arts in English. By studying British, American, and world literatures, students who major in English learn to read closely, to think critically, and to write clearly. English majors may pursue one of three areas of emphasis, literary criticism, creative writing or English education, or choose a degree without an area of emphasis. Students who meet the requirements are invited to complete an Honors Sequence in their area of emphasis. A major in English provides a solid foundation for the business world, law school, journalism, education, or graduate study in any field.

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#### 200-level Literature Courses (6 hours)

ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 2103 Survey of British Lit: Beg – 1784
ENG 206 British Literature since 1800	3 hrs.	<b>II-AEX</b>	EN 2113 Survey of British Lit
ENG 238 American Literature to the Civil War	3 hrs.	<b>II-AEX</b>	EN 2203 Survey of American Lit: Col – 1865
ENG 239 American Literature since the Civil War	3 hrs.	<b>II-AEX</b>	EN 2213 Survey of American Lit: 1865 – Present
ENG 248 World Literature to 1800	3 hrs.	<b>II-AEX</b>	EN 1413 World Literature I
ENG 249 World Literature Since 1800	3 hrs.	<b>II-AEX</b>	EN 1423 World Literature II

#### 200-level Writing/Theory Courses (6 hours)

ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b>	EN 2313 Creative Writing
ENG 290 Critical Practicum	3 hrs.		

#### 300 and 400-level Literature Courses (6 hours)

##### TWO of the following:

ENG 315 Literary Modes and Genres	3 hrs.		
ENG 325 Literary Movements	3 hrs.		
ENG 330 Literary Visions and Revisions	3 hrs.		
ENG 335 A Sense of Place	3 hrs.		
ENG 340 Gender and Literary Expression	3 hrs.		
ENG 345 Ethnic Literature	3 hrs.		EN 2123 African American Literature
ENG 350 Studies in the Author	3 hrs.		
ENG 355 Literature and the Other Arts	3 hrs.		

#### Electives (18 hours)

May Include:

ENG 420 Honors Project I	3 hrs.
ENG 430 Honors Project II	3 hrs.

(Majors must select at least one course each from: Literature before 1850, Literature after 1850, American Literature, British/World Literature. ENG 205 may count for either the 200-level literature requirement or the 200-level writing requirement, but may not count for both requirements.)



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# Environmental Science

Westminster's environmental science program is a challenging interdisciplinary curriculum that combines academic rigor with real world experience (field trips, field courses, and internships). A required internship program ensures that students in environmental science have first-hand experience with issues of the day while developing professional contacts.

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### Required Courses

ENV 105 Intro to Environmental Science	3 hrs.	<b>II-SCI</b>	ES 1023 Intro to Environmental Science
ENV 405 Environmental Assessment	3 hrs.		

### Social Sciences/Humanities (9 hrs.)

#### THREE of the following:

ENV/ECN 377 Environmental & Resource Economics	3 hrs.		
ENV 300/ENG 315 Environmental Literature	3 hrs.		
PHL 246 Environmental Ethics	3 hrs.	<b>II-FND</b>	
POL 326 Environmental Politics and Policy	3 hrs.		
REL 324 Religion & the Environment	3 hrs.		

### Physical Science/Geology (10-12 hrs.)

#### THREE of the following (at least 2 courses must be 300-level):

GEO 108 Intro to Physical Geology	4 hrs.	<b>II-SCI</b>	GL 1103/1112
GEO 116 Environmental Geology	4 hrs.	<b>II-SCI</b>	
GEO 300 Surficial Geology	4 hrs.		
GEO 305 Hydrogeology	3 hrs.		
GEO 327 Weather and Climate	3 hrs.		
GEO 330 Applications of Geographic Info. Sys.	4 hrs.		

### Ecology & Resource Management (10-12 hrs.)

#### THREE of the following (1 course must be BIO 205)

BIO 205 Ecology and Field Biology	4 hrs.		
BIO/ENV 210 Biogeography	3 hrs.		
BIO 300 Ecotoxicology & Lab	4 hrs.		
BIO/ENV 340 Wetlands	3 hrs.		
BIO/ENV 345 Forest Resources & Management	4 hrs.		
BIO/ENV 350 Conservation Biology	3 hrs.		
GEO 300 Earth Materials	4 hrs.		
BIO/GEO/ENV 320/321 Travel Course	4 hrs.		

### Other Required Courses (22-24 hrs.)

BIO 124/125 Biodiversity	4 hrs.	<b>II-SCI</b>	BI 1415 Principles of Biology II with Lab
BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b>	BI 1325 Principles of Biology I with Lab
CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
MAT 114 Statistics	3 hrs.	<b>I-MAT</b>	MT 2103 Statistics
MAT 121 Pre-Calculus	3 hrs.		MT 1505 Pre-Calculus Math
OR MAT 122 Business Calculus	3 hrs.		MT 2013 Survey Calculus
OR MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I



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# Environmental Studies

The Environmental Studies major emphasizes political, economic and social/cultural aspects of the human impact on the natural environment, while still grounding students in fundamentals of the natural and earth sciences. The curriculum has been designed to give students broad exposure to these disciplines. Students complete two capstone experiences, an internship and the Environmental Assessment course, which allow them to integrate knowledge gained from coursework, practice critical thinking and communication skills, and work with resource professionals to tackle relevant environmental issues.

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### Social Sciences/Humanities Fundamentals

#### Complete the following

ECN 212 Principles of Microeconomics	3 hrs.
LST 205 Mediation & Conflict Resolution	3 hrs.
Or LST 210 Leadership for Non-Profit Organizations	3 hrs.
POL 211 American Government & Politics	3 hrs.
Or POL 212 Intro to International Politics	3 hrs.

**II-HBH** EC 2203 Principles of Microeconomics

**II-HBH** PS 1203 US Government I: National & State

**II-NWS** PS 2103 International Relations

#### Choose two of the following

ECN 334 Economic Development	3 hrs.
LST 325 Cross-Cultural Leadership	3 hrs.
POL 305 International Law & Organizations	3 hrs.
POL 301 The American Presidency	3 hrs.
Or POL 343 Congress	3 hrs.
POL/SEC 300 Human Rights & Security	3 hrs.
TNS 300 Global City	3 hrs.

### Natural Science Fundamentals

#### Complete the following

ENV 105 Intro to Environmental Science	3 hrs.
BIO 108 Intro to Biological Principles	4 hrs.
GEO 116 Environmental Geology	4 hrs.
GEO 317 Weather and Climate	3 hrs.

**II-SCI** ES 1023 Intro to Environmental Science

**II-SCI** BI 1305 General Biology with Lab

**II-SCI**

#### Choose one of the following

GEO 330 Applications of Geographic Info Systems	4 hrs.
ENV 340 Wetlands	3 hrs.
ENV 345 Forest Resources and Management	3 hrs.
ENV 350 Conservation Biology	3 hrs.
BIO/GEO/ENV Travel Course	4 hrs.

### Social Sciences/Humanities Core

#### Complete three of the following

ENV 377 Environmental & Resource Economics	3 hrs.
ENV 300 Environmental Literature	3 hrs.
PHL 246 Environmental Ethics	3 hrs.
REL 324 Religion & the Environment	3 hrs.
POL 326 Environmental Politics & Policy	3 hrs.

**II-FND**

### Capstone Experiences

#### Complete the following

ENV 399 Internship	3 hrs.
ENV 405 Environmental Assessment	3 hrs.
GEO 327 Weather & Climate	3 hrs.



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# Exercise Science

This major includes capstone research and/or internship, tailored to the student's career goals. Students are encouraged to obtain professional certifications such as ACSM Personal Trainer or Health/Fitness Instructor certification, as appropriate. Students are prepared for a wide range of career opportunities in the fields of health, fitness, and health & sport science research.

## Westminster College

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### Required Courses

BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b>	BI 1325 Principles of Biology I with Lab
BIO 124/125 Biodiversity	4 hrs.	<b>II-SCI</b>	BI 1415 Principles of Biology II with Lab
Or BIO 100 General Biology I	4 hrs.		
BIO 203 Human Anatomy	4 hrs.		
BIO 370 Physiology	4 hrs.		
CHM 114/115 Chemistry I & Lab	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 Chemistry II & Lab	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab
HES/PSY 231 Sports Psychology	3 hrs.		
HES 251 Introduction to Nutrition	3 hrs.		HS 1003 Nutrition
HES 321 Kinesiology	3 hrs.		
HES 340 Exercise Physiology	3 hrs.		
HES 300 Exercise Prescription	3 hrs.		
Capstone Research or Field Experience in Exercise Science	3 hrs.		

### Optional Courses

HES 215 Principles of Motor Learning	2 hrs.
HES 406 Management in Physical Education & Athletics	2 hrs.
PED 300 Sport Conditioning	3 hrs.
PED 350 Theories of Adapted Physical Education	3 hrs.



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# Finance

The primary objective of the undergraduate finance program is to prepare students for finance positions at the entry level in industry, government, or other organizations in the public or private sector. Students should be aware that the undergraduate degree in finance at Westminster College will prepare them for the Level I CFA (Chartered Financial Analyst) examination at the end of their senior year. In addition, the program introduces students to a wide range of topics covered under Levels II and III of the CFA examination.

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### Required Core Business Courses:

ACC 215 Principles of Financial Accounting	3 hrs.	AC 1003/1011
ACC 216 Principles of Managerial Accounting	3 hrs.	
BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 327 Production Management	3 hrs.	
Or BUS 360 Decision Science	3 hrs.	
Or ECN 351 Managerial Economics	3 hrs.	
ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
FIN 318 Corporate Financial Management	3 hrs.	
MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
MIS 210 Spreadsheet Applications in Business	3 hrs.	
SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103

### Finance Major Courses (Required)

ACC 312 Intermediate Accounting I	3 hrs.
BUS 328 Managerial Finance	3 hrs.
ECN 235 Research Methods in Economics & Business	3 hrs.
ECN/FIN 325 Money, Banking & Financial Markets	3 hrs.
FIN 350 Investments	3 hrs.

### Electives (Select Three).

BUS 300 Bank Management	3 hrs.
BUS 399 Directed Independent Research	3 hrs.
BUS 400 Level I CFA Exam Prep	3 hrs.
ECN/FIN 310 International Trade & Finance	3 hrs.
ECN 367 Econometrics	3 hrs.
FIN 300 Security Analysis & Portfolio Management	3 hrs.
FIN 354 Options and Futures	3 hrs.



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# French

The communicative approach of Westminster's French program challenges students to use the language they are learning from the first day in an elementary class through upper-level literature and culture courses. Small classes taught by an experienced faculty member in a relaxed environment encourage students to improve their language proficiency as they participate in a variety of games, role plays, informal conversation and presentations. Although the major can be completed on campus, in consultation with the faculty and the Office for Off-Campus Study, many majors study abroad for a semester or even a year. In addition to language acquisition classes at elementary, intermediate and advanced levels, students explore the literatures and cultures of the French-speaking world in thematically organized upper level courses.

## Westminster College

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### Required Courses

FRE 306	Advanced Grammar & Composition	3 hrs.	
FRE 358	The Individual in Society I	3 hrs.	
FRE 359	The Individual in Society II	3 hrs.	
FRE 362	Francophone Civilizations	3 hrs.	II-NWS
FRE 363	French Civilization	3 hrs.	

### French Electives

#### Choose four courses from the list

FRE 203	Intermediate French I	3 hrs.	II-CLT	FR 2104	Intermediate French I
FRE 204	Intermediate French II	3 hrs.		FR 2204	Intermediate French II
FRE 300	The Theory & Practice of Translation	3 hrs.			
FRE 303	Advanced French Conversation	3 hrs.			
FRE 305	Commercial French	3 hrs.			
FRE 360	Literary Moments & Movements	3 hrs.			
FRE 361	Literature & Culture	3 hrs.			



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# French Major

## (With a Concentration in Translation)

The communicative approach of Westminster's French program challenges students to use the language they are learning from the first day in an elementary class through upper-level literature and culture courses. Small classes taught by an experienced faculty member in a relaxed environment encourage students to improve their language proficiency as they participate in a variety of games, role plays, informal conversation and presentations. Although the major can be completed on campus, in consultation with the faculty and the Office for Off-Campus Study, many majors study abroad for a semester or even a year. In addition to language acquisition classes at elementary, intermediate and advanced levels, students explore the literatures and cultures of the French-speaking world in thematically organized upper level courses.

### Westminster College

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#### Required Courses

FRE 303	Advanced French Conversation	3 hrs.	
FRE 306	Advanced Grammar & Composition	3 hrs.	
FRE 300	Translation I	3 hrs.	
FRE 300	Translation II	3 hrs.	
FRE 399	Translation III	3 hrs.	
FRE 358	The Individual in Society I	3 hrs.	
Or FRE 359	The Individual in Society II	3 hrs.	
FRE 362	Francophone Civilizations	3 hrs.	II-NWS
Or FRE 363	French Civilization	3 hrs.	

#### French (Translation) Electives

##### Choose three courses from the list

A Second Course in Literature or Civilization	3 hrs.		
FRE 203	Intermediate French I	3 hrs.	II-CLT
FRE 204	Intermediate French II	3 hrs.	FR 2104 Intermediate French I FR 2204 Intermediate French II
FRE 305	Commercial French	3 hrs.	
FRE 300	Commercial French II	3 hrs.	
FRE 360	Literary Moments & Movements	3 hrs.	
FRE 361	Literature & Culture	3 hrs.	



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# Health & Wellness

The Health and Wellness major emphasizes knowledge and learning experiences aimed at the promotion of lifetime wellness. Students will know principles of nutrition, holistic health, and exercise training. Also, students will learn how to test health and activity status, prescribe safe exercise, prevent exercise injury, and assess client progress towards their health and fitness goals.

The courses in this major will prepare graduating students for jobs that apply principles of health education and exercise training. More specifically, students may pursue careers in worksite wellness, hospital-based wellness programs, community health centers, retirement and nursing home wellness programs, commercial and not-for-profit health, fitness, and recreation centers, and other related areas.

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## Required Courses

BIO 107 Human Biology	4 hrs.	<b>II-SCI</b>
HES 104 First Aid/CPR	1 hr.	
HES 204 Wellness & Fitness	2 hrs.	
HES 220 Social Science in Sport	2 hrs.	
HES 230 Introduction to Prevention & Care of Injuries	3 hrs.	
HES/PSY 231 Sport Psychology	3 hrs.	
HES 251 Introduction to Nutrition	3 hrs.	HS 1003 Nutrition
HES 300 Exercise Prescription	3 hrs.	
HES 309 History & Philosophy of PE	2 hrs.	
HES 321 Kinesiology	3 hrs.	
HES 340 Exercise Physiology	3 hrs.	
HES 405 Measurement & Evaluation in Physical Education	2 hrs.	
HES 406 Management in Physical Education & Athletics	2 hrs.	
4- PED Activity Courses in four different areas	4 hrs.	

## Electives (Choose One)

HES 200 Stress Management	3 hrs.	
HES/EDU 207 School Health Education	3 hrs.	ED 1153 Child Health, Nutrition & Safety
HES 240 Introduction to Global Public Health	3 hrs.	<b>II-NWS</b>
HES 350 Theories of Adapted Physical Education	3 hrs.	
HES/WGS 355 Women's Health Issues	3 hrs.	
HES 357 Community Nutrition	3 hrs.	
HES/PED 399 Health Internship	3 hrs.	
PSY 301 Human Sexual Behavior	3 hrs.	
PSY 330 Addictive Disorders	3 hrs.	



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# History

Westminster history classes offer small, informal classes in which professors play close attention to your individual needs and significant student contributions and discussions are prevalent (upper level courses typically have fewer than 10 students and senior seminars typically 4-6 students). Every student, no matter what the personal interests, can find a topic of study because no class is ever the same two years running. This diversity of study provides a wide range of classes. The Westminster history program is also unique in its thesis program. All majors learn the skills needed to write a graduate-level thesis. Employers, law schools, and graduate schools see this as an attractive addition to your education, giving you a head start over other college graduates. Recruiters know you are capable of graduate level work.

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### Required Courses

HIS 103 History of the United States to 1877	3 hrs.	<b>II-HIS</b>	HI 1103 US History to 1865
HIS 104 History of the United States since 1877	3 hrs.	<b>II-HIS</b>	HI 1203 US History 1865-1945
HIS 105 Western Civilization I	3 hrs.	<b>II-HIS</b>	CV 2103 European Civilization I
Or HIS 109 World History I	3 hrs.	<b>II-HIS</b>	
HIS 106 Western Civilization II	3 hrs.	<b>II-HIS</b>	CV 2203 European Civilization II
Or HIS 110 World History II	3 hrs.	<b>II-HIS</b>	
Or HIS 102 Survey of British History from 1800	3 hrs.	<b>II-HIS</b>	
HIS 390 Historiography	3 hrs.		
HIS 422 Senior Thesis	2 hrs.		
HIS 423 Senior Thesis	3 hrs.		
HIS 424 Senior Thesis	1 hrs.		

### Upper Level Electives (Four required, at least one with each permanent member of department)

HIS 303 Selected Themes in British History, 1485-1714	3 hrs.
HIS 304 Selected Themes in British History, 1714-Present	3 hrs.
HIS 321 Europe in the Nineteenth Century, 1815-1900	3 hrs.
HIS 322 Europe in the Twentieth Century, 1900-1945	3 hrs.
HIS 323 Europe since 1945	3 hrs.
HIS 327 Nazi Germany	3 hrs.
HIS 330 World War I	3 hrs.
HIS 331 American Slavery	3 hrs.
HIS 332 Sectionalism, Civil War, & Reconstruction	3 hrs.
HIS 336 America since 1945	3 hrs.
HIS 348 History of American Foreign Relations	3 hrs.
HIS 349 United States Constitutional History	3 hrs.
HIS 350 The Vietnam Wars: Nations in Conflict, 1945-1995	3 hrs.
HIS 354 Scandalous Women	3 hrs.
HIS 356 European Women	3 hrs.



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# Information Technology

A degree in Information Technology will prepare students to use a wide array of technologies available to solve real-world problems that might occur in any discipline or organization. Emphasis is placed on software engineering, database design and management, computer networking, system support and administration, human computer interaction, and storage management.

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### Required Courses

CSC 104	Programming Logic and Design	3 hrs.		EG 2203/2211
CSC 178	Survey of Computer Science	3 hrs.		CS 1013 Survey of Computers & Info Systems
CSC 205	Visual Basic Programming	3 hrs.		
CSC 327	Database Management Systems	3 hrs.		
CSC 350	Systems Analysis & Design	3 hrs.		
ITY 177	Foundations of Information Technology Science	3 hrs.	<b>II-SCI</b>	
ITY 181	Introduction to Software Engineering	3 hrs.		
ITY 232	Computer Networking	3 hrs.		
ITY 234	Computer Networking Laboratory	1 hr.		
ITY 351	Systems & Software Engineering Studio	3 hrs.		
MAT 114	Elementary Statistics	3 hrs.	<b>I-MAT</b>	MT 2103 Statistics

### Elective Courses (18 hours total)

#### At least three of the following:

ITY 250	Web Page Design, Aesthetics, and Interaction	3 hrs.	<b>II-AEX</b>	
ITY 305	PC Hardware & Troubleshooting	3 hrs.		
ITY 331	Information Storage & Management	3 hrs.		
ITY 360	Adv. Digital Communications & Networking	3 hrs.		
ITY 415	Information Technology in the Organization	3 hrs.		
ITY 460	Network Administration	3 hrs.		

#### Other Electives (3 hours)

CSC 210	Microcomputer Applications	3 hrs.		CS 1003 Microcomputer Applications
CSC 427	Client-Server and Web-Based Programming	3 hrs.		
CSC 454	Computer Science Practicum	1 hrs.		

#### Two of the following:

ECN 110	Introduction to Economics	3 hrs.	<b>II-HBH</b>	
HES 240	Introduction to Global Public Health	3 hrs.	<b>II-NWS</b>	
HES 261	Introduction to Epidemiology	3 hrs.	<b>II-HBH</b>	
LST 201	Leadership Theories & Practice	3 hrs.	<b>II-HBH</b>	
PHL 244	Business Ethics	3 hrs.	<b>II-FND</b>	
PSY 112	Psychology as a Natural Science	3 hrs.	<b>II-HBH</b>	
SEC 201	Introduction to Security Studies	3 hrs.	<b>II-NWS</b>	
SPE 101	Intro to Speech Communication	3 hrs.		CT 1003/1103
TNS 201	Introduction to International Studies	3 hrs.	<b>II-NWS</b>	



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# International Business

Westminster College International Business studies reach across multiple disciplines to offer you a liberal arts program oriented in the complex world of international business. The business administration major covers all the traditional areas of study, including management, marketing, finance, accounting, economics, and management information systems. Other disciplines contribute required courses in statistics, calculus, and speech. You can also propose your own area of concentration or minor area of study to further individualize your educational experience.

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### Business

BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 340 International Business	3 hrs.	
Or ECN 310 International Trade & Finance	3 hrs.	
BUS 450 Business Policy	3 hrs.	
FIN 318 Corporate Financial Management	3 hrs.	

### Accounting

ACC 215 Principles of Financial Accounting	3 hrs.	AC 1003/1011
ACC 216 Principles of Managerial Accounting	3 hrs.	

### Economics

ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics

### Foreign Language (With English as a first language)

FLG 102 Elementary Foreign Language II	4 hrs.	<b>II-CLT</b> GR 1204 Elementary German II
FLG 203 Intermediate Foreign Language I	3 hrs.	<b>II-CLT</b>
FLG 204 Intermediate Foreign Language II	3 hrs.	
Two Foreign Language courses beyond Intermediate level	6 hrs.	
Or Approved program in a foreign country		

### English (With English as a second language)

ENG 260 Introduction to Journalism	3 hrs.	
Or ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II
Or ENG 275 Intro to Creative Writing	3 hrs.	<b>II-AEX</b> EN 2313 Creative Writing
ENG 204 Introduction to Literature	3 hrs.	<b>II-AEX</b>
Or ENG 205 British Literature to 1800	3 hrs.	<b>II-AEX</b> EN 2103 Survey of British Lit: Beg – 1784
Or ENG 206 British Literature since 1800	3 hrs.	<b>II-AEX</b> EN 2113 Survey of British Lit
Or ENG 238 American Literature to the Civil War	3 hrs.	<b>II-AEX</b> EN 2203 Survey of American Lit: Col – 1865
Or ENG 239 American Literature since the Civil War	3 hrs.	<b>II-AEX</b> EN 2213 Survey of American Lit: 1865 – Present

### Elective Courses (Choose two of the following)

ANT 115 Intro to Cultural Anthropology	3 hrs.	<b>II-HBH</b>
HIS 106 Western Civilization II	3 hrs.	<b>II-HIS</b> CV 2203 European Civilization II
PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b> PR 2103 Ethics
PHL 244 Business Ethics	3 hrs.	<b>II-FND</b>
POL 212 Introduction to International Politics	3 hrs.	<b>II-NWS</b> PS 2103 International Relations
PHL/REL 102 World Religions	3 hrs.	<b>II-NWS</b> PR 1303 Living World Religions
One upper level course in HIS, POL, REL or SOC	3 hrs.	
Or A Tier III course with international focus	3 hrs.	
One course from the ABEP department, or internship	3 hrs.	

### Other Required Courses

MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I



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# International Studies

Westminster College offers a major in International Studies with concentrations in either Regional Studies or International Issues. Students majoring in International Studies will develop knowledge of the contemporary world through a broadly integrated analysis of international issues or through in-depth study of one region of the world. Students in both concentrations will acquire skills in a language relevant to their program.

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### Core Courses

INT 201 Introduction to International Studies	3 hrs.	<b>II-NWS</b>
POL 212 Introduction to International Politics	3 hrs.	<b>II-NWS</b> PS 2103 International Relations
ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
INT 401 Jr.-Sr. Seminar in International Studies	3 hrs.	
INT 402 Senior Thesis in International Studies	3 hrs.	
INT 403 Senior Thesis II	3 hrs.	

### Foreign Language (With English as first language)

FLG 102 Elementary Foreign Language II	4 hrs.	<b>II-CLT</b> GR 1204 Elementary German II
FLG 203 Intermediate Foreign Language I	3 hrs.	<b>II-CLT</b>
FLG 204 Intermediate Foreign Language II	3 hrs.	
Two upper level language, literature or civilization courses	6 hrs.	

### English (With English as a second language)

ENG 204 Introduction to Literature	3 hrs.	<b>II-AEX</b>
ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II
SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103
SPE 203 Interpersonal Communication	3 hrs.	

### Asian and Middle Eastern Concentration

#### Required:

ASN 201 Asian Studies	3 hrs.	<b>II-NWS</b>
An upper level course on Asia, East Asia, or the Middle East	3 hrs.	
HIS 300 Modern Middle East	3 hrs.	
Or HIS 300 Modern Middle East	3 hrs.	
Or POL 300 Middle Eastern Politics	3 hrs.	
Or POL 423 Politics of the Non-Western World	3 hrs.	

#### Three of the following (two must be upper level):

Upper level foreign language courses		
Approved off-campus study program		
BUS 340 International Business	3 hrs.	
ECN 334 Economic Development	3 hrs.	
ECN 310 International Trade & Finance	3 hrs.	
HIS 300 Modern Middle East	3 hrs.	
HIS 348 History of American Foreign Relations	3 hrs.	
HIS 300 Modern East Asia	3 hrs.	
HIS 350 The Vietnam Wars 1945-1995	3 hrs.	
INT 212 Model United Nations Team: Asian or Mid-East nation	2 hrs.	
PHL 333 Asian Philosophy and Religion	3 hrs.	
POL 300 Middle Eastern Politics	3 hrs.	
POL 300 Politics & Security of Developing Nations	3 hrs.	
POL 305 International Law & Organizations	3 hrs.	
PSY 405 International & Cross-Cultural Psychology	3 hrs.	



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## European Concentration

### Required:

HIS 323 Europe since 1945	3 hrs.
POL 306 West European Government & Politics	3 hrs.
HIS/POL 300 Central Europe	3 hrs.

### Three of the following (two must be upper level):

Upper level foreign language courses	
Approved off-campus study program	
BUS 340 International Business	3 hrs.
ECN 310 International Trade & Finance	3 hrs.
HIS 304 Selected Themes in British History, 1714 to present	3 hrs.
HIS 322 Europe in the 20 <sup>th</sup> Century	3 hrs.
HIS 327 Nazi Germany	3 hrs.
HIS 348 History of American Foreign Relations	3 hrs.
HUM 277/SPA 377 Spanish Civilization	3 hrs.
FRE 362 French-speaking Cultures & Civilizations	3 hrs.
INT 212 Model United Nations Team: European Nation	2 hrs.
PSY 405 International & Cross-Cultural Psychology	3 hrs.
POL 305 International Law & Organizations	3 hrs.
POL 308 Post-Soviet Politics	3 hrs.
POL 362 American Foreign Policy	3 hrs.

**II-CLT**  
**II-NWS**

## Latin American Concentration

### Required:

HIS 348 History of American Foreign Relations	3 hrs.
SPA 378 Latin American Civilization	3 hrs.
POL 300 Politics & Security of Developing Nations	3 hrs.
POL 300 Human Rights & Security	3 hrs.

**II-CLT**

### Three of the following (two must be upper level):

Upper level foreign language courses	
Approved off-campus study program	
BIO 320/321 Biology in Belize	4 hrs.
BUS 340 International Business	3 hrs.
ECN 334 Economic Development	3 hrs.
ECN 310 International Trade & Finance	3 hrs.
INT 212 Model United Nations Team: Latin American Nation	2 hrs.
POL 300 Politics & Security of Developing Nations	3 hrs.
POL 300 Human Rights & Security	3 hrs.
POL 305 International Law & Organization	3 hrs.
POL 362 American Foreign Policy	3 hrs.
PSY 405 International & Cross-Cultural Psychology	3 hrs.

**II-CLT**



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# Mathematical Sciences

A mathematics major will study analytic geometry, probability and statistics, analysis, differential equations and much more. Students will also have the opportunity to do independent research over the summer or during the year and present their findings at our Undergraduate Scholars Forum, a day when classes are suspended for the entire Westminster community to view research projects, presentations, and readings. The Mathematics major offers a strong foundation in the discipline through its core courses while encouraging students to tailor to their specific needs through a variety of upper-level elective options. All of our courses encourage the use of technology and teamwork, emphasizing TI graphing calculators and mathematical software.

## Westminster College

## East Central College

### Required Courses

MAT 124	Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605	Analytic Geometry & Calculus I
MAT 214	Calculus II	4 hrs.		MT 2105	Analytic Geometry & Calculus II
MAT 215	Linear Algebra	3 hrs.			
MAT 224	Calculus III	4 hrs.		MT 2205	Analytic Geometry & Calculus III
MAT 313	Mathematical Probability & Statistics	3 hrs.			
MAT 331	Mathematics Seminar	3 hrs.			
MAT 422	Modern Algebra	3 hrs.			
MAT 424	Advanced Calculus	3 hrs.			

### Elective Upper Level Courses (Six hours required)

MAT 305	Heart of Mathematics	3 hrs.			
MAT 310	History of Mathematics	3 hrs.			
MAT 312	Differential Equations	3 hrs.		MT 2303	Differential Equations
MAT 314	Higher Geometry	3 hrs.			
MAT 398	Independent Study	1-4 hrs.			

### Other Required Courses

CSC 104	Programming Logic & Design	3 hrs.		EG 2203/2211	
CSC 111	Fundamentals of Computer Science I	3 hrs.			
Or	PHY 212	Physics II	4 hrs.	<b>II-SCI</b>	PH 2103/2212
Or	Upper level	BIO/CHM/ECN	3-4 hrs.		



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# Philosophy

The Department of Classics, Philosophy and Religious Studies offers major and minor programs in philosophy and courses that support the College's General Education Program. Philosophy inquires into every aspect of knowledge and value. It is distinguished from other disciplines more by its critical and integrative approach than by a select subject matter.

## Westminster College

## East Central College

### Required Courses

PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b>	PR 2103 Ethics
Or PHL 242 Biomedical Ethics	3 hrs.	<b>II-FND</b>	
Or PHL 244 Business Ethics	3 hrs.	<b>II-FND</b>	
Or PHL 246 Environmental Ethics	3 hrs.	<b>II-FND</b>	
PHL 218 Introduction to Logic	3 hrs.		PR 1113 Introduction to Logic
Or PHL 224 Formal Logic	3 hrs.		
PHL 221 History of Ancient & Medieval Philosophy	3 hrs.	<b>II-FND</b>	
PHL 222 History of Modern Philosophy	3 hrs.	<b>II-FND</b>	PR 1203 History of Modern Philosophy

### Philosophy Electives (One Non-Western, Three Upper Level, Six Total)

PHL 101 Introduction to Philosophy	3 hrs.	<b>II-FND</b>	PR 1003 Intro to Philosophy
PHL/REL 102 World Religions	3 hrs.	<b>II-NWS</b>	PR 1303 Living World Religions
PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b>	PR 2103 Ethics
PHL 218 Introduction to Logic	3 hrs.		PR 1113 Introduction to Logic
PHL 224 Formal Logic	3 hrs.		
PHL 242 Biomedical Ethics	3 hrs.	<b>II-FND</b>	
PHL 244 Business Ethics	3 hrs.	<b>II-FND</b>	
PHL 246 Environmental Ethics	3 hrs.	<b>II-FND</b>	
PHL 302 The Meaning of Life	3 hrs.		
PHL 320 Philosophy & Literature	3 hrs.		
PHL 324 Genetic Manipulation	3 hrs.		
PHL 333 Asian Philosophy & Religion	3 hrs.		
PHL 334 Evolution & Intelligent Design	3 hrs.		
PHL 398 Independent Study	3 hrs.		
PHL 410 Major Areas of Philosophy	3 hrs.		
PHL 420 Major Philosophers	3 hrs.		
PHL 430 Philosophical Problems	3 hrs.		

Upper level courses in REL, POL, ENV, ENG, PSY, SOC, or ANT may be applied towards the 18 elective credits if they are deemed to have "strong philosophical content and/or methodology".



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# Physics

Upper level students in physics apply the calculus and complex numbers to phenomena in classical and quantum mechanics, thermodynamics, electromagnetism, and modern physics. They also learn to procure, graph, and analyze experimental data with a computer, follow proper lab procedures, and write a report in an acceptable format. At your disposal, you will have the new, state-of-the-art Walter H. Coulter Science Center with many impressive facilities.

## Westminster College

## East Central College

### Required Courses

PHY 201 Physics I	4 hrs.	<b>II-SCI</b>	PH 2103/2112
PHY 212 Physics II	4 hrs.	<b>II-SCI</b>	PH 2103/2212
PHY 223 Physics III	3 hrs.		
PHY 314 Thermodynamics	4 hrs.		
PHY 315 Modern Physics	4 hrs.		
PHY 324 Light	4 hrs.		
Or PHY 325 Electronics	4 hrs.		
PHY 415 Introduction to Theoretical Physics I	4 hrs.		
PHY 416 Introduction to Theoretical Physics II	4 hrs.		

The following Chemistry courses may be substituted for PHY 314 and PHY 315:

CHM 424/425 Physical Chemistry I	4 hrs.
CHM 434/435 Physical Chemistry II	4 hrs.

### Other Requirements

Mathematics through MAT 312 Differential Equations:

MAT 124 Calculus I	5 hrs.	<b>I-MAT</b>	MT 1605 Analytic Geometry & Calculus I
MAT 214 Calculus II	4 hrs.		MT 2105 Analytic Geometry & Calculus II
MAT 224 Calculus III	4 hrs.		MT 2205 Analytic Geometry & Calculus III
MAT 312 Differential Equations	3 hrs.		MT 2303 Differential Equations
CHM 114/115 General Chemistry I	4 hrs.	<b>II-SCI</b>	CH 1305 General Chemistry I with Lab
CHM 124/125 General Chemistry II	4 hrs.	<b>II-SCI</b>	CH 1405 General Chemistry II with Lab

### One of the Following:

- 1) A two-semester sequence of courses in French or German, or certification of reading knowledge in one of those languages.
 

FRE 101 Elementary French I	4 hrs.	<b>I-FLG</b>	FR 1104 Elementary French I
FRE 102 Elementary French II	4 hrs.	<b>II-CLT</b>	FR 1204 Elementary French II
FLG 101 Elementary German I	4 hrs.	<b>I-FLG</b>	AS 1334/GR 1104
FLG 102 Elementary German II	4 hrs.	<b>II-CLT</b>	GR 1204 Elementary German II
- 2) CSC 104 Programming Logic & Design 3 hrs.  
 MAT 215 Linear Algebra 3 hrs.  
 Or MAT 325 Introduction to Numerical Analysis 3 hrs.
- 3) CSC 111 Fundamentals of Computer Science I 3 hrs.  
 Another Computer Science Course 3 hrs.



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# Political Science

Political Science is a scientific and humanistic discipline that attempts to explain and evaluate politics and political systems in terms of fundamental empirical theories and general normative principles. Political science seeks not only to understand the struggles for power and influence that determine who gets what, when, and how, but also to ascertain the best or most appropriate way for human beings to live together both within societies and the world community.

The major is designed to give students a solid grounding in the four main sub-fields of the discipline: American government and politics, comparative politics, international relations, and normative political theory. The major program is further structured into three “tracks” to allow students to pursue a more advanced study of politics and government in a manner that is most conducive to their particular interests and professional goals.

## Westminster College

## East Central College

### Required Introductory Courses

POL 112 Introduction to Political Science	3 hrs.	<b>II-HBH</b>	PS 1103 Intro to Political Science
POL 205 Introduction to Political Theory	3 hrs.	<b>II-FND</b>	
POL 211 American Government & Politics	3 hrs.	<b>II-HBH</b>	PS 1203 US Government I: National & State
POL 212 Introduction to International Politics	3 hrs.	<b>II-NWS</b>	PS 2103 International Relations

### General Political Science Track (Four upper level courses, one from each sub-field)

#### American Politics

POL 301 The American Presidency	3 hrs.
POL 311 Political Parties, Voting & Campaign Strategies	3 hrs.
POL 314 American Constitutional Law & Politics	3 hrs.
POL 316 American Jurisprudence	3 hrs.
POL 326 Environmental Politics & Policy	3 hrs.
POL 342 U.S. Supreme Court	3 hrs.
POL 343 Congress	3 hrs.
POL 370 Drugs, Politics, & Public Policy	3 hrs.

#### Comparative Politics

POL 300 Middle Eastern Politics	3 hrs.
POL 306 West European Government & Politics	3 hrs.
POL 308 Post-Soviet Politics	3 hrs.
POL 323 Governments & Politics of Southeast Asia	3 hrs.
POL 340 Religion & Politics	3 hrs.
POL 423 Politics of the Non-Western World	3 hrs.

#### International Relations

POL 305 International Law & Organizations	3 hrs.
POL 362 American Foreign Policy	3 hrs.

#### Political Theory

POL 302 Political Thought & Modern Society	3 hrs.
POL 303 Marxism & the Marxist Tradition	3 hrs.
POL 304 American Political Theory	3 hrs.

**Electives:** Any two other courses from any sub-fields.



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## Pre-Law Track

### Complete the Pre-Law Minor:

#### Pre-Law Minor required courses

SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103
Or ENG 270 Expository Writing	3 hrs.	EN 1333 English Composition II
PHL 218 Introduction to Logic	3 hrs.	PR 1113 Introduction to Logic
Or PHL 224 Formal Logic	3 hrs.	
BUS 223 Business Law	3 hrs.	BU 2033 Legal Environment of Business
POL 342 U.S. Supreme Court	3 hrs.	
Or POL 314 American Constitutional Law & Politics	3 hrs.	
POL 316 American Jurisprudence	3 hrs.	

#### Pre-Law Minor electives (Two of the following)

ITS 399 Law-Oriented Internship	3 hrs.
POL 304 American Political Theory	3 hrs.
POL 305 International Law & Organizations	3 hrs.

**Electives:** Any two other courses from any Political Science sub-fields.

## Securities Studies Track

### Complete the Securities Studies Minor:

#### Security Studies Minor required courses

SEC 201 Introduction to Security Studies	3 hrs.	II-NWS
SEC 300 Intermediate Security Studies	3 hrs.	
POL 328 National Security Agencies	3 hrs.	
POL 362 American Foreign Policy	3 hrs.	

#### Security Studies Minor electives (Two courses, different departments, one upper level)

ACC 300 Whodunit? An Examination of the Perpetration of Fraud	3 hrs.
HIS 300 Modern Middle East	3 hrs.
HIS 348 History of American Foreign Relations	3 hrs.
POL 305 International Law & Organizations	3 hrs.
POL 313 Governments & Politics of East Asia	3 hrs.
POL 332 National Security Law	3 hrs.
PHL 400 Philosophy & Politics of War	3 hrs.

**Electives:** Any two other courses from any Political Science sub-fields.



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# Psychology

Psychology is a dynamic and diverse scientific field of study in which you can study phenomena ranging from brain imaging of learning, thinking, and memory to the properties of emotions, from the effects of genes to the expression of love, from the roles of hormones to the mysteries of human development, from the study of the human evolution to the complexities of schizophrenia. Westminster offers a wide range of classes that cover all of those topics in classes where full time professors bring the topic to life in classes of less than 20 students. Ruggers Recommendations on the Colleges has recognized Westminster's program as one of the premier undergraduate psychology programs in the country.

## Westminster College

## East Central College

### Required Courses

PSY 112 Psychology as a Natural Science	3 hrs.	<b>II-HBH</b>
PSY 113 Psychology as a Social Science	3 hrs.	<b>II-HBH</b> PY 1103 General Psychology
PSY 270 Research Tools	3 hrs.	
PSY 274 Methods in Experimental Psychology	3 hrs.	

### Electives

#### Four of the following:

PSY 310 Social Psychology	3 hrs.	
PSY 312 Developmental Psychology	3 hrs.	PY 2403 Human Development
PSY 315 Psychology of Personality	3 hrs.	
PSY 320 Memory & Cognition	3 hrs.	
PSY 370 Sensation & Perception	3 hrs.	
PSY 390 Abnormal Psychology	3 hrs.	PY 2213 Abnormal Psychology

#### Two of the following Laboratories:

PSY 311 Social Psychology Laboratory	1 hrs.
PSY 313 Developmental Laboratory	1 hrs.
PSY 316 Personality Laboratory	1 hrs.
PSY 321 Memory & Cognition Laboratory	1 hrs.
PSY 371 Sensation & Perception Laboratory	1 hrs.

#### Senior Capstone:

PSY 422 Psychology Seminar	3 hrs.
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Or both:

PSY 430 Pre-Thesis	3 hrs.
PSY 431 Senior Thesis	3 hrs.

#### Psychology Electives (Three courses. Two must be upper level courses)

In addition to courses listed above, these electives may include:

PSY 221 Educational Psychology	3 hrs.
PSY 231 Sports Psychology	3 hrs.
PSY 301 Human Sexual Behavior	3 hrs.
PSY 302 Psychological Tests & Measurements	3 hrs.
PSY 305 Industrial/Organizational Psychology	3 hrs.
PSY 330 Addictive Disorders	3 hrs.
PSY 340 Forensic Psychology	3 hrs.
PSY 358 Cognitive Neuroscience	3 hrs.
PSY 398 Independent Study	1-4 hrs.
PSY 405 International & Cross-Cultural Psychology	3 hrs.
PSY 406 Substance Use Disorders	3 hrs.
PSY 412 Counseling Theories & Methods	3 hrs.
PSY 418 Adult Development & Aging	3 hrs.

### Suggested General Education Choices

BIO 108 Intro to Biological Principles	4 hrs.	<b>II-SCI</b> BI 1305 General Biology with Lab
Or BIO 114/115 Biological Processes	4 hrs.	<b>II-SCI</b> BI 1325 Principles of Biology I with Lab
MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics



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# Religious Studies

Religion is, as one scholar suggests, “ultimate concern.” From this perspective, religion shapes our world views and motivates us at the deepest levels. To understand others and ourselves, the study of religion is essential. Religious Studies at Westminster employ a phenomenological viewpoint. That is, we attempt to study religions through the eyes of their followers and careful understanding of rituals, cultures, histories and sacred texts. Students not only develop basic knowledge of the histories, sacred texts, and world views of the major religious traditions of the world, but also attain the ability to utilize the various methods of understanding religious phenomena found in the discipline of religious studies. Students gain the ability to utilize the various critical methods of analyzing sacred texts (especially the Jewish and Christian Bibles) and demonstrate an understanding of religions within their cultural contexts.

## Westminster College

## East Central College

### Required Courses

REL 101 Introduction to the Bible	3 hrs.	<b>II-FND</b>	
PHL/REL 102 World Religions	3 hrs.	<b>II-NWS</b>	PR 1303 Living World Religions

### Up to Two of the Following:

PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b>	PR 2103 Ethics
PHL 221 History of Ancient & Medieval Philosophy	3 hrs.	<b>II-FND</b>	
SOC 111 Introduction to Sociology	3 hrs.	<b>II-HBH</b>	SO 1103 General Sociology
ANT 115 Intro to Cultural Anthropology	3 hrs.	<b>II-HBH</b>	
PSY 300 Psychology of Religion	3 hrs.		

### Religious Studies Courses (At least 15 hours, for 27 total credits with above categories)

REL 302 The Meaning of Life	3 hrs.
REL 305 Perceptions of Death	3 hrs.
REL 307 Social Justice in Modern Christian Thought	3 hrs.
REL 316 The Teachings of Jesus	3 hrs.
REL 319 Recent Christian Thought	3 hrs.
REL 324 Spiritual Ecology	3 hrs.
REL 333 Asian Philosophy & Religion	3 hrs.
REL 335 Sex & Gender in the Christian Tradition	3 hrs.
REL 342 Religion & Science	3 hrs.
REL 346 Religion & Violence	3 hrs.
REL 398 Independent Studies in Religion	1-4 hrs.



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# Security Studies

Westminster College students who earn a major or minor in Security Studies will have the skill set necessary for job placement in the national security bureaucracy of the United States government, for placement in a national security graduate or law program, to work at a think tank or a nongovernmental organization or international nongovernmental organization, or to work for an international organization such as the U.N. or NATO.

Specifically, the student will be able to identify common threats to national, homeland, cyber, and/or human security, to understand policy creation and implementation, and to think critically about possible threats and reactions to national security breaches, and be well versed in foreign policy objectives of the United States.

All Security Studies majors must complete the core Security Courses and one of the four tracks.

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## Required Core Courses

SEC 201 Introduction to Security Studies	3 hrs.	<b>II-NWS</b>
SEC 300 Intermediate Security Studies	3 hrs.	
POL 328 National Security Agencies	3 hrs.	
POL 362 American Foreign Policy	3 hrs.	
SEC 491 Security Studies Thesis	3 hrs.	

## National Security Track:

POL 301 The American Presidency	3 hrs.	
POL 332 National Security Law I	3 hrs.	
POL 333 National Security Law II	3 hrs.	
POL 305 International Law and Organizations	3 hrs.	
POL 308 Post-Soviet Politics	3 hrs.	
POL 370 Drugs, Politics and Public Policy	3 hrs.	
HIS/TNS/ISV 300 Central Europe	3 hrs.	
HIS 348 US Foreign Policy and Empire	3 hrs.	
HIS 300 In the Shadow of Terror	3 hrs.	
HIS 350 The Vietnam War	3 hrs.	
HIS 300 US Foreign Policy in the Middle East	3 hrs.	
PSY 300 The Psychology of Personal Security	3 hrs.	
PSY 300 Cross Cultural & International Psychology	3 hrs.	
POL/TNS 300 Middle Eastern Politics & Culture	3 hrs.	
POL 326 Environmental Politics and Policy	3 hrs.	
POL 300 Human Rights & Human Security	3 hrs.	
POL 300 Transnational Actors & Civil Society	3 hrs.	
POL 300 Transnational Crime	3 hrs.	
REL 346 Religion and Violence	3 hrs.	
PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b> PR 2103 Ethics
POL 423 Politics of the Non-Western World	3 hrs.	
SOC 300 Ethnic Conflict and Genocide	3 hrs.	
SOC 300 Nationalism, Citizenship and Migration	3 hrs.	
SEC 399 Internship	3-6 hrs.	
SEC 300 Intermediate Security Studies: Revolutions	3 hrs.	
SEC 400 Advanced Studies in Revolutions	3 hrs.	
TNS 300 Globalization of Disease	3 hrs.	
ROTC Classes (MSC 101, 101.5, 201, 201.5)	4 hrs.	



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## Homeland Security Track:

POL 211 American Government and Politics	3 hrs.	<b>II-HBH</b> PS 1203 US Government I: National & State
PHL 212 Introduction to Ethics	3 hrs.	<b>II-FND</b> PR 2103 Ethics
SEC 200 Introduction to Homeland Security	3 hrs.	
SEC 325 Issues in Homeland Security	3 hrs.	
SEC 300 Domestic Terrorism	3 hrs.	
SEC 300 Law and Homeland Security	3 hrs.	
SOC 332 Prisons and Social Control	3 hrs.	
SOC 300 Race and Ethnicity	3 hrs.	
ACC 300 Whodunit: A Study of Forensic Accounting	3 hrs.	
PSY 300 The Psychology of Personal Security	3 hrs.	
REL 346 Religion and Violence	3 hrs.	
SEC 399 Internship	3-6 hrs.	

## Cyber-Security Track:

Electives	
ITY 100 Cybersecurity for Society	3 hrs.
ITY 200 Cybersecurity	3 hrs.
ITY 232 Computer Networking	3 hrs.
ITY 300 Digital Forensics	3 hrs.
ITY 331 Information Storage and Management	3 hrs.
ITY 415 IT in the Organization	3 hrs.
POL 332 National Security Law I	3 hrs.

## Intelligence Track:

Internship at ATIC	12 hrs.
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# Sociology

Westminster students who earn a degree in sociology receive training in critical inquiry, theoretical analysis, and research methods. They learn to reason persuasively and communicate their ideas effectively, both individually and through team projects. They acquire knowledge of how society is structured culturally, politically, and economically. They become skilled at posing and rigorously pursuing the answers to sociological questions about diverse phenomena and in perceiving the social complexity that often remains unexplored in everyday life. They leave college equipped to serve, lead, and engage in their social world and in the broader global community.

Career opportunities for sociology majors are varied, and rewarding, commonly including social science research and teaching, policy analysis, urban planning, advocacy, counseling, public administration, law, marketing research, and corrections/law enforcement. A major in sociology prepares students for graduate study in sociology, social work, public policy, law and many other fields.

## Westminster College

## East Central College

### Required Courses

SOC 111 Introduction to Sociology	3 hrs.	<b>II-HBH</b> SO 1103 General Sociology
SOC 360 Sociological Theory	3 hrs.	
SOC 375 Social Science Research Methods	3 hrs.	

### General Sociology Track

#### Required Course:

ANT 115 Intro to Cultural Anthropology	3 hrs.	<b>II-HBH</b>
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#### Elective Courses (15 hrs.):

SOC 315 Gender & Society	3 hrs.	
SOC 332 Prisons & Social Control	3 hrs.	
SOC 363 Deviance	3 hrs.	
SOC 300 Race & Ethnicity	3 hrs.	
SOC 300 Nationalism, Migration & Citizenship	3 hrs.	
SOC 300 Sociology of Mental Illness	3 hrs.	
PSY 310 Social Psychology	3 hrs.	

### Human Services Track

#### Required Course:

SOC 200 Introduction to Human Services	3 hrs.	
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#### Elective Courses (18 hrs.)

##### Three of the Following (9 hrs.):

SOC 315 Gender & Society	3 hrs.	
SOC 332 Prisons & Social Control	3 hrs.	
SOC 363 Deviance	3 hrs.	
SOC 300 Race & Ethnicity	3 hrs.	
SOC 300 Nationalism, Migration & Citizenship	3 hrs.	
SOC 300 Sociology of Mental Illness	3 hrs.	

##### Three of the Following (9 hrs.):

PSY 310 Social Psychology	3 hrs.	
PSY 312 Developmental Psychology	3 hrs.	PY 2403 Human Development
POL 370 Drugs, Politics and Public Policy	3 hrs.	
PSY 340 Forensic Psychology	3 hrs.	
PSY 330 Addictive Disorders	3 hrs.	
PSY 412 Counseling Theory & Methods	3 hrs.	

\*An internship is highly recommended for the Human Services track.



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# Spanish

In the United States, the study of Spanish is an invaluable asset for any career path. Students who major or minor in Spanish at Westminster will study Spanish in a variety of contexts. The primary mission of the Department of Foreign Languages is to develop communicative competence in its students in line with the Standards for Foreign Language Learning proposed by ACTFL. They will acquire linguistic competency through learning basic structures of the language and, using it as a springboard, they will study culture, literature, medicine, translation, art, business, and history. Learning a foreign language allows students to truly live the Westminster mission and the Columns Concept of being leaders in a global community.

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### Required Courses

SPA 303 Advanced Spanish Conversation	3 hrs.	
SPA 351 Introduction to Spanish Literature	3 hrs.	
SPA 353 19 <sup>th</sup> & 20 <sup>th</sup> Century Latin American Literature	3 hrs.	
HUM 277/SPA 377 Spanish Civilization	3 hrs.	<b>II-CLT</b>
SPA 378 Latin American Civilization	3 hrs.	<b>II-CLT</b>
SPA 381 Advanced Grammar & Composition	3 hrs.	<b>II-CLT</b>

### Spanish Electives (Select Four, At Least Two Upper Level)

SPA 203 Intermediate Spanish I	3 hrs.	<b>II-CLT</b>	SP 2114 Intermediate Spanish I
SPA 204 Intermediate Spanish II	3 hrs.		SP 2124 Intermediate Spanish II
SPA 210 Intermediate Spanish Conversation	3 hrs.		
SPA 220 Intermediate Spanish Grammar & Composition	3 hrs.		
SPA 305 Commercial Spanish	3 hrs.		
SPA 310 Special Topics in Literature	3 hrs.		
SPA 363 Spanish-American Novel	3 hrs.		



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# Spanish

(With a Concentration in Translation)

**Westminster College**

**East Central College**

## Required Courses

SPA 303	Advanced Spanish Conversation	3 hrs.	
SPA 351	Introduction to Spanish Literature	3 hrs.	
	OR SPA 353 19 <sup>th</sup> and 20 <sup>th</sup> Century Latin Am. Lit.	3 hrs.	
HUM 277/SPA 377	Spanish Civilization	3 hrs.	<b>II-CLT</b>
	OR HUM 278/SPA 378 Latin American Civilization	3 hrs.	<b>II-CLT</b> CV 2303 Latin American Civilization
SPA 381	Advanced Grammar & Composition	3 hrs.	<b>II-CLT</b>
SPA 300	Translation I (Spanish-English)	3 hrs.	
SPA 300	Translation II (Spanish-English)	3 hrs.	
SPA 399	Translation III (Capstone Project)	3 hrs.	

## Elective Courses (9 hrs.)

SPA 203	Intermediate Spanish I	3 hrs.	<b>II-CLT</b> SP 2114 Intermediate Spanish I
SPA 204	Intermediate Spanish II	3 hrs.	SP 2124 Intermediate Spanish II
SPA 305	Commercial Spanish	3 hrs.	
SPA 300	Commercial Spanish II	3 hrs.	
SPA 310	Special Topics in Literature	3 hrs.	
SPA 363	Spanish-American Novel	3 hrs.	



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# Sports Management

Those who pursue a sports management major will not only take course work within the management field but also courses in marketing, accounting, webpage design, either advertising or consumer behavior, and an internship. The capstone class will focus on team sports, both professional and collegiate and individual sports which successfully utilize traditional marketing methods and programs.

## Westminster College

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### Required courses

ACC 215 Principles of Financial Accounting	3 hrs.		AC 1003/1011
BUS 220 Fundamentals of Management	3 hrs.		BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.		BU 1013 Principles of Marketing
FIN 318 Corporate Financial Management	3 hrs.		
HES 220 Social Science in Sport	2 hrs.		
HES/PSY 231 Sports Psychology	3 hrs.		
HES/BUS 315 Sports Management	3 hrs.		
HES 406 Introduction to Management in PE & Athletics	2 hrs.		
ITY 250 Web Page Design, Aesthetics, & Interaction	3 hrs.	<b>II-AEX</b>	
SPE 101 Intro to Speech Communication	3 hrs.		CT 1003/1103
OR SPE 203 Interpersonal Communication	3 hrs.		
HES/PED/BUS 399 Internship	3 hrs.		
BUS 330 Advertising	3 hrs.		
OR BUS 334 Consumer Behavior	3 hrs.		
OR BUS 300 E-Commerce	3 hrs.		
BUS 326 Human Resource Management	3 hrs.		
BUS 337 Labor Relations	3 hrs.		
BUS 223 Business Law	3 hrs.		BU 2033 Legal Environment of Business
ECN 300 Sports Economics	3 hrs.		



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# Sports and Entertainment Business Management

The Sports and Entertainment Business Management major equips students with the knowledge and skills to pursue careers in sports (including professional teams and arts) industries. Students learn how to manage and lead sports and entertainment organizations with an emphasis on entrepreneurial thinking and leadership. Further, this program recognizes that, in many cases, sports and entertainment events are directly linked to tourism (visitor delivery), economic impact and even community economic development. The new program also prepares students to pursue opportunities with Sports Commissions.

## Westminster College

## East Central College

### Required Courses

BUS 220 Fundamentals of Management	3 hrs.	BU 1053 Fundamentals of Management
BUS 250 Principles of Marketing	3 hrs.	BU 1013 Principles of Marketing
BUS 315 Sports Management	3 hrs.	
BUS 318 Corporate Financial Management	3 hrs.	
ACC 215 Principles of Financial Accounting	3 hrs.	AC 1003/1011
ACC 216 Principles of Managerial Accounting	3 hrs.	
BUS 399 Sports and Entertainment Internship	3 hrs.	
BUS 400 Sports and Enter. Business Policy (Capstone)	3 hrs.	
ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles for Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
MAT 114 Elementary Statistics	3 hrs.	<b>I-MAT</b> MT 2103 Statistics
Or ECN 235 Research Methods in Econ & Business	3 hrs.	
MAT 122 Business Calculus	3 hrs.	MT 2013 Survey Calculus
Or MAT 124 Calculus I	5 hrs.	<b>I-MAT</b> MT 1605 Analytic Geometry & Calculus I
BUS 327 Operations Management	3 hrs.	
Or MIS 360 Decision Science	3 hrs.	
Or ECN 351 Managerial Economics	3 hrs.	

### Sports and Entertainment Electives

Choose 3 of the following

BUS 328 Managerial Finance	3 hrs.
BUS 300 Sports Business Finance	3 hrs.
BUS 300 Sports Entertainment Facility Management	3 hrs.
BUS 300 Sports & Entertainment Marketing	3 hrs.
BUS 300 Booking and Presenting Live Entertainment	3 hrs.
ECN 362 Sports Economics	3 hrs.

Choose one class from the BUS, ECN, ACC, or MIS department not otherwise required for the major.

### Speech Class

SPE 101 Intro to Speech Communication	3 hrs.	CT 1003/1103
OR SPE 203 Interpersonal Communication	3 hrs.	



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# Transnational Studies

Transnational studies is a new, dynamic, and innovative academic departure that moves beyond the traditional realm of international studies to focus on issues that transcend political, economic, social, and cultural borders. This program is at the heart of helping Westminster to support and realize its mission to develop leaders in a global community.

Since the challenge of the future is to identify global problems that exceed both nations and nation-states, transnational studies develop students' abilities to discover interdisciplinary and flexible approaches and solutions to global problem solving and decision-making. Students will take course work in global economic development, environment and health, global justice and human rights, international relations and diplomacy, international institutions, and global cultures.

## Westminster College

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### Required Classes

INT/TNS 201 Introduction to International/Transnational Studies	3 hrs.	<b>II-NWS</b>
INT/TNS 401 Junior/Senior Seminar in INT/TNS Studies	3 hrs.	
INT/TNS 402 International/Transnational Studies Senior Thesis I (optional)*	3 hrs.	
INT/TNS 403 International/Transnational Studies Senior Thesis II (optional)*	3 hrs.	
Second semester of Elementary Foreign Language:		
FLG 102 Elementary Foreign Language II	4 hrs.	<b>II-CLT</b> GR 1204 Elementary German II

### Electives (At least one from each category)

#### Global Economic Development

ECN 211 Principles of Macroeconomics	3 hrs.	<b>II-HBH</b> EC 2103 Principles of Macroeconomics
ECN 212 Principles of Microeconomics	3 hrs.	<b>II-HBH</b> EC 2203 Principles of Microeconomics
ECN 310 International Trade & Finance	3 hrs.	
ECN 331 Intermediate Macroeconomic Theory	3 hrs.	
ECN 334 Economic Development	3 hrs.	
BUS 340 International Business	3 hrs.	
TNS 300 Global Inequality	3 hrs.	

#### Environment & Health

BIO 320 and 321 Biology in Belize	4 hrs.	<b>II-CLT</b>
ECN 300 Environmental Economics	3 hrs.	
ENV 105 Intro to Environmental Science	3 hrs.	<b>II-SCI</b> ES 1023 Intro to Environmental Science
GEO 320/321 Geology & Env. of the National Parks Seminar	4 hrs.	
PHL 246 Environmental Ethics	3 hrs.	<b>II-FND</b>
POL 326 Environmental Politics & Policy	3 hrs.	
PSY 405 International and Cross-Cultural Psychology	3 hrs.	
REL 324 Religion & the Environment	3 hrs.	
WGS/HES 355 Women's Health Issues	3 hrs.	
TNS 240 Introduction to Global Health	3 hrs.	

#### Global Justice & Human Rights

EDU 385 Diversity in Education	3 hrs.	
ITS 399 Global Human Rights Internship	3 hrs.	
HIS 327 Nazi Germany	3 hrs.	
PHL 244 Business Ethics	3 hrs.	<b>II-FND</b>
POL 305 International Law & Organization	3 hrs.	
WGS 210 Introduction to Women's Studies	3 hrs.	<b>II-FND</b>
TNS 300 Human Rights and Security	3 hrs.	

#### International Relations & Diplomacy



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HIS 300 Modern Middle East	3 hrs.	
HIS 330 World War I	3 hrs.	
HIS 348 History of American Foreign Relations	3 hrs.	
HIS 350 The Vietnam Wars	3 hrs.	
INT 210 Model United Nations	2 hrs.	
INT 212 Model UN Team	2 hrs.	
INT 214 Model UN Practicum (mentoring)	1 hr.	
POL 212 Introduction to International Politics	3 hrs.	<b>II-NWS</b> PS 2103 International Relations
POL 306 West European Government and Politics	3 hrs.	
POL 362 American Foreign Policy	3 hrs.	
SEC 201 Introduction to Security Studies	3 hrs.	<b>II-NWS</b>
TNS 300 Politics and Security of Developing Nations	3 hrs.	
TNS 100 Making Sense of Study Abroad	1 hr.	
<b>Global Cultures</b>		
PHL/REL 102 World Religions	3 hrs.	<b>II-NWS</b> PR 1303 Living World Religions
ASN 201 Asian Studies	3 hrs.	<b>II-NWS</b>
ENG 300 Booker Prize Fiction Writing	3 hrs.	
ENG 330 Colonial & Post-Colonial Literature	3 hrs.	
ENG 345 African Diaspora	3 hrs.	EN 2123 African American Literature
HIS 300 Africa & Decolonization	3 hrs.	
FRE 362 French-Speaking Cultures & Civilizations	3 hrs.	<b>II-NWS</b>
GOG 101 Intro to Geography	3 hrs.	<b>II-HBH</b> GE 1003 World Geography
HIS 279 African Civilization	3 hrs.	<b>II-NWS</b>
HIS 323 Europe Since 1945	3 hrs.	
HUM 278/SPA 378 Latin American Civilization	3 hrs.	<b>II-CLT</b> CV 2303 Latin American Civilization
HUM 294 Intro to the French-Speaking World	3 hrs.	<b>II-CLT</b>
FRE 362 Francophone Civilizations	3 hrs.	<b>II-NWS</b>
POL 300 Middle Eastern Politics	3 hrs.	
ANT 115 Intro to Cultural Anthropology	3 hrs.	<b>II-HBH</b>
PSY 405 International & Cross Cultural Psychology	3 hrs.	
HUM 277/SPA 377 Spanish Civilization	3 hrs.	<b>II-CLT</b>
ENG 330 Visions & Revisions: Colonial & Post-Colonial Literature	3 hrs.	
PHL 333 Asian Philosophy & Religion	3 hrs.	
TNS 300 Memory and Culture in Global Perspective	3 hrs.	
TNS 300 Race and Ethnicity	3 hrs.	

## Honors Option

INT/TNS 402 Senior Thesis	3 hrs.
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**Further Electives:** Five additional courses from the above lists, two of which must come from a single category. At least 24 hours of the credits applied to the major must come from upper-level courses.



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