

General Education Requirements		Credits
American Institutions		
HIST 120	American History I * <i>and/or</i>	3
HIST 121	American History II	
POLS 135	Introduction to Political Science <i>or</i>	3
POLS 136	Introduction to American National Politics <i>or</i>	
POLS 137	Introduction to State & Local Politics	
Communications		
ENGL 101	Composition and Reading I	3
ENGL 102	Composition and Reading II	3
SPDR 100	Fundamentals of Speech <i>or</i>	3
SPDR 102	Fundamentals of Human Communication	
Mathematics		
MATH 119	College Mathematics <i>or</i>	3
MATH 120	College Algebra (or higher)	3
Humanities (3 courses, 3 areas of study, 1 must be Lit. or Phil.)		
ART 108	Survey of Art	3
ART 150	History of Art I	3
SPAN 101	Elementary Spanish I or higher	3
FREN 101	Elementary French I or higher	3
GERM 101	Elementary German I or higher	3
SIGN 101	American Sign Language I	3
SIGN 102	American Sign Language I	3
Literature:		3
ENGL 120	Introduction to Fiction <i>or</i>	
ENGL 121	Introduction to Drama and Poetry <i>or</i>	
ENGL 122	Film as Literature <i>or</i>	
ENGL 124	Introduction to Literature <i>or</i>	
ENGL 140	Science Fiction <i>or</i>	
ENGL 142, 144, 150, 151, 152, 155, 165 or 167		
MSCM 112	Intro to Mass Communication	3
MUSI 108	Music Appreciation <i>or</i>	3
MUSI 116	Evolution of Jazz <i>or</i>	
MUSI 160	Music of the World's Cultures	
PHIL 100	Introduction to Philosophy	3
PHIL 203	Ethics	3
SPDR 106, 112, 114, or 128		3
HIST 133	Foundations of Western Civilization	3
HIST 134	Modern Western Civilization	3
HUMN 133	Foundations of Western Civilization	3
HUMN 134	Modern Western Civilization	3
Natural Science (2 courses, 1 Biological and 1 Physical)		
<i>Note: Natural Science course must include lab.</i>		
REQUIRED: BIOL 101 General Biology		
BIOL 104	General Botany	5
BIOL 106	General Zoology	5
CHEM 101	Survey of Chemistry <i>or</i>	5
CHEM 107	Preparatory General Chemistry	
CHEM 105	Introductory Chemistry for Health Sciences	5
CHEM 111	General College Chemistry I	5
GEOG 103	Environmental Geology	5
PHYS 101	Introductory Physics	5
PHYS 130	General Physics I	5
PHYS 220	Engineering Physics I	5
PHYS 106	General Astronomy	5
Social Sciences (2 courses, 2 areas of study)		
REQUIRED: PSYC 140 General Psychology		
<i>Choose one other course from the following list:</i>		
ANTH 100/SOCI 170	General Anthropology	3
ANTH 110	Cultural Anthropology	3
ECON 110, 210 or 211		3
GEOG 105	World Geography	3
HIST 120, 121, 133, 134, or 210		3
POLS 135, 136, 137, or 138		3
SOCI 160, 162, 163, 165, 170 or 199		3
Total General Education Hours		42-45
* Required		

Computer Science		
CSIS 115	Intro to Microcomputer Applications	3
Physical Education		
PHED 126	Lifetime FitnessI (2 hrs) plus PE Activity Class (1 hr)	3
PHED 159	Individual Wellness (2hrs) plus PE Activity Class (1 hr)	3
Four PE Activity courses		4
Education Courses		
EDUC 200	Foundations of Education	3
EDUC 201	Teaching Profession with Field Experience	3
EDUC 270	Educational Psychology	3
EDUC 280	Technology in Teaching	3
Total Credits Required		62-64
All courses must be at least 100 level or higher.		
Courses can only be used once to meet degree requirements.		
Students must complete a Writing Intensive course AND either a Human Diversity course of Learning Community as part of the General Education requirements.		
Students must achieve a minimum GPA of 2.5		
Students must achieve minimum scores of 235 on each section of the C-BASE for Teachers		
We recognize that four-year transfer institutions may have additional requirements including higher GPA, higher C-BASE scores, or additional courses that could be taken at the community college level. Students are encouraged to work closely with an advisor from the receiving institution so that they may understand and prepare to meet all entrance requirements.		

Missouri Western State University

Bachelor of Science in Education, Biology/Natural Science Years 3 and 4 at MWSU

Major Requirements		Credits
BIOL 205	Genetics	4
BIOL 215	Molecular Cell Biology	4
BIOL 380	Biology Teaching	3
BIOL 393	History & Philosophy of Science	3
CHE 310	Organic Chemistry I	3
CHE 311	Organic Chemistry Lab I	2
CHE 321	Qualitative Analysis	4
CHE 370	Biochemistry	4
Organismal Diversity (select 4 credits from the following)		
BIO 318	Ornithology	2
BIO 415	Invertebrate Biology	4
BIO 416	Vertebrate Biology	4
BIO 418	Mammalogy	4
BIO 350	Plant Systems	4
BIO 351	Local Flora: Spring and Summer	2
BIO 407	Plant Morphology	4
BIO 455	Entomology	4
Physiology (select 4 credits from the following)		
BIO 311	Animal Physiology	4
BIO 340	Plant Physiology	4
Professional Sequence		
EDU 303	Experience in Teaching II	3
EDU 304	Applied Methods and Management	3
EDU 311	Secondary Reading Techniques	2
EDU 315	Psychology and Education of the Exceptional Student	2
EDU 404	Seminar in Secondary Education and Human Relations **	3
EDU 409	Secondary Student Teaching III **	9
Free Electives		3
Area of Concentration:		
Plus an additional 21 credit hours in one of the following subject areas: English, Spanish, French, general science, mathematics/computer science, reading, social science, early childhood, mid-moderate special education, early childhood special education, ESOL, or special reading.		(minimum) 21
** To be eligible for student teaching (EDU 404 & EDU 409), any general studies courses and all of the above courses that are prerequisites must be passed with a grade of C or better.		
Notes:		
(1) A minimum of 124 credits is required for graduation including 60 from a senior college, thus a maximum of 64 credit hours will typically transfer in for this degree. Lower division credit hours completed beyond the Associate degree will be evaluated for transfer on a course-by-course basis.		
(2) For the baccalaureate degree, 30 of the last 45 credits of coursework must be earned at MWSU with a minimum of 30 credits in upper division courses. Lower division transfer courses accepted as meeting upper departmental course requirements cannot be used to fulfill this requirement. Please reference the current MWSU catalog at http://www.missouriwestern.edu/Catalog/ for complete information on degree requirements.		
(3) The course equivalents presented in this articulation are subject to change, with final review at the discretion of the faculty of the academic department responsible for providing the specified degree. Please reference the current MWSU catalog at http://www.missouriwestern.edu/Catalog/ for complete information on degree requirements.		
(4) Student participation in departmental and campus wide assessment efforts is periodically required.		
(5) Current MWSU students who want to transfer in community college coursework need to consult their departmental academic advisor, and submit a Transfer Credit Approval Form before taking the course(s) at a college or university other than MWSU.		
Minimum Credit Hours Required		124
Completion of the Metropolitan Community College Associates of Arts Degree also completes the General Education/General Studies course requirements of Missouri Western State University. Community College students with associate degrees will typically transfer sixty-four (64) credit hours. Students who are interested in a specific degree, should reference the online MWSU catalog for a current listing of courses required for that degree as they choose their MCC General Education courses. Students who transfer prior to completion of the associate degree, have to successfully complete the specific courses required by the MWSU General Education/General Studies program prior to graduation. Lower division credit hours completed beyond the Associate degree will be evaluated for transfer on a course-by-course basis.		