## A.A.T. General Education Requirements

**Credits**

### American Institutions
- **HIST 120**: American History I and  
  **HIST 121**: American History II  
  **POLS 135**: Introduction to Political Science or  
  **POLS 136**: Introduction to American National Politics or  
  **POLS 137**: Introduction to State & Local Politics  
  **Credits**: 3

### Communications
- **ENGL 101**: Composition and Reading I  
  **ENGL 102**: Composition and Reading II  
  **SPDR 100**: Fundamentals of Speech or  
  **SPDR 102**: Fundamentals of Human Communication  
  **Credits**: 3

### Mathematics
- **MATH 119**: College Mathematics or  
  **MATH 120**: College Algebra (or higher)  
  **Credits**: 3

### Humanities (3 courses, 3 areas of study, 1 must be Lit. or Phil.)
- **ART 108**: Survey of Art or  
  **ART 150**: History of Art I or  
  **SPAN 101**: Elementary Spanish I or higher or  
  **FREN 101**: Elementary French I or higher or  
  **GERM 101**: Elementary German I or higher or  
  **Literature**:
    - ENGL 214, 216, 230, 234, 250, 255, 260, 262, or 268  
    - MUSI 108: Music Appreciation or  
    - MUSI 116: Evolution of Jazz or  
    - MUSI 108: Music of the World’s Cultures or  
    - PHIL 100: Introduction to Philosophy or  
    - PHIL 203: Ethics  
    - SPDR 106 or 114 or  
    - HIST 133: Foundations of Western Civilization or  
    - HIST 134: Modern Western Civilization or  
    - HUMN 133: Foundations of Western Civilization or  
    - HUMN 134: Modern Western Civilization or  
  **Credits**: 9

### Natural Science (2 courses, 1 Biological and 1 Physical)
- **Note**: Natural Science course must include lab
  - **BIOL 101**: General Biology or  
  - **BIOL 104**: General Botany or  
  - **BIOL 106**: General Zoology and  
  - **CHEM 101**: Survey of Chemistry or  
  - **CHEM 105**: Introductory Chemistry for Health Sciences or  
  - **CHEM 107**: Preparatory General Chemistry or  
  - **CHEM 111**: General Chemistry I or  
  - **GEOL 103**: Environmental Geology or  
  - **PHYS 101**: Introductory Physics or  
  - **PHYS 106**: General Astronomy or  
  - **PHYS 130**: General Physics I or  
  - **PHYS 220**: Engineering Physics I  
  - **Social Sciences (2 courses, 2 areas of study)**
    - **ANTH 100/ SOCI General Anthropology**  
    - **ANTH 110**: General Anthropology  
    - **ANTH 110, 210, or 211**  
    - **GEOG 105**: World Geography  
    - **HIST 120, 121, 133, 134, or 120**  
    - **POLS 135, 136, 137 or 138**  
    - **PSYC 140**: General Psychology  
    - **SOCI 160, 162, 163, 165, 170 or 199**  
  - **Credits**: 10

### Education courses
- **EDUC 200**: Foundations of Education  
  **EDUC 201**: Teaching Profession with Field Experience  
  **EDUC 270**: Educational Psychology  
  **EDUC 280**: Technology for Teachers  
  **Credits**: 3

### Electives
- **BIOL 202**: Ecology, BIOL 208 Microbiology  
  **CHEM 112**: General College Chemistry II,  
  **MATH 115**: Statistics, PHYS 130 General Physics I  
  **PHYS 131**: General Physics II,  
  **GEOL 101**: Physical Geology, GEOG 110 Meteorology  
  **Credits**: 3

### Total Credits Required
- **Credits**: 62-64

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**Bachelor of Science in Biology/Natural Science Secondary Education Option**

**Years 3 and 4 at Missouri Western University**

**Total General Education Hours**: 124

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 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 [www.missouriwestern.edu](http://www.missouriwestern.edu) 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 [www.missouriwestern.edu](http://www.missouriwestern.edu) for complete information on degree requirements.

4. Student participation in departmental and campus wide assessment efforts is periodically required. Contact the MWSU Academic and Student Affairs Office at (816-271-4364) for more information.

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.

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 or 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.

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Approved 10/2009

Missouri Western State University

Missouri Western University

Bachelor of Science in Biology/Natural Science Secondary Education Option

Approved 10/2009

Metropolitan Community College

www.mccck.edu

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