ASSOCIATE OF SCIENCE (A.S.)

The Department of Applied Arts and Sciences offers the Associate of Science degree. The Associate of Science degree is considered a general education transfer degree and does not include a major or minor course of study. To receive an Associate of Science degree, students must:

- successfully complete all lower-division general education requirements with a letter grade of C- or better;
- earn a minimum of 60 credits, at least 30 of which must be from UM;
- and maintain an institutional cumulative GPA of 2.00 for all UM courses taken for a traditional letter grade (A-F).
- Complete 9 credits of transferable coursework in the areas of Science, Technology, Engineering, and Mathematics (STEM) beyond those taken as general education requirements.

Matriculating students may begin coursework in the autumn, spring or summer. Courses numbered below 100 do not count toward the 60 credit requirement or general education course requirements, but do fulfill financial aid credit load requirements.

Students planning on completing a baccalaureate degree are encouraged to select specific general education courses and electives that meet the requirements for that future major. Students work with their advisor to develop an AA degree plan to best prepare them to transition to a four-year degree.

Associate of Science - General A.S.

Summary

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Writing Skills</td>
<td></td>
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<tr>
<td></td>
<td>Introductory Writing Course</td>
<td></td>
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<td></td>
<td>Intermediate Writing Course</td>
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<td></td>
<td>Mathematics</td>
<td></td>
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<tr>
<td></td>
<td>Perspectives</td>
<td></td>
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<tr>
<td></td>
<td>Expressive Arts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Historical &amp; Cultural Studies</td>
<td></td>
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<tr>
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<td>Literary &amp; Artistic Studies</td>
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<td>Social Sciences</td>
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<td></td>
<td>Ethical &amp; Human Values</td>
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<td></td>
<td>Democracy and Citizenship</td>
<td></td>
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<td></td>
<td>Cultural and International Diversity</td>
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<tr>
<td></td>
<td>Natural Sciences</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional STEM Courses for the A.S. Degree</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A.S. Degree Electives</td>
<td></td>
</tr>
</tbody>
</table>

Degree Specific Credits: 60

Required Cumulative GPA: 2.0

Notes:

- At least 30 of the total 60 degree credits must be earned from Missoula College or UM-Missoula.
- Missoula College students are limited to enrolling in lower-division coursework (course level 100 or 200).

Writing Skills

Rule: Complete the following subcategories. 6 total credits required.

Note: NOTE: Students who place into and successfully complete WRIT 201 are considered to have satisfied both the WRIT 101 and the Lower-Division Approved Writing Course General Education Requirements.

Introductory Writing Course

Note: Appropriate placement into WRIT 101/WRIT 201 required. Prerequisites may apply.

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<tbody>
<tr>
<td>WRIT 101</td>
<td>College Writing I</td>
<td>3</td>
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<tr>
<td>or WRIT 201</td>
<td>College Writing II</td>
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Minimum Required Grade: C-

Intermediate Writing Course

Complete any course designated as an Intermediate Writing Course during semester it's taken.

Minimum Required Grade: C-

Mathematics

Rule: Appropriate placement into mathematics courses required.

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<th>Code</th>
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<td></td>
<td>Complete any Mathematics course level 104 or higher (excluding M 111).</td>
<td>3-4</td>
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</tbody>
</table>

Minimum Required Grade: C-

Perspectives

Rule: A minimum of 3 credits towards each perspective category is required. 21-27 total credits required.

Note: Some courses satisfy multiple Perspectives or GER Categories; visit with your advisor for more information. Students who take the maximum number of Perspective "double-dippers" possible will be able to complete the Perspectives with a total of 21 credits.

Expressive Arts (A)

Complete a minimum 3 credits in any course with the Expressive Arts (A) designation.

Minimum Required Grade: C-

Literary & Artistic Studies (L)

Complete a minimum 3 credits in any course with the Literary & Artistic Studies (L) designation.

Minimum Required Grade: C-
### Historical & Cultural Studies (H)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 3 credits in any course with the Historical & Cultural Studies (H) designation. | 3 |

Minimum Required Grade: C-

### Social Sciences (S)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 3 credits in any course with the Social Sciences (S) designation. | 3 |

Minimum Required Grade: C-

### Ethical & Human Values (E)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 3 credits in any course with the Ethical & Human Values (E) designation. | 3 |

Minimum Required Grade: C-

### Democracy and Citizenship (Y)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 3 credits in any course with the Democracy and Citizenship (Y) designation. | 3 |

Minimum Required Grade: C-

### Cultural and International Diversity (X)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 3 credits in any course with the Cultural and International Diversity (X) designation. | 3 |

Minimum Required Grade: C-

### Natural Sciences (N)
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete a minimum 6 credits in any course with the Natural Sciences (N) designation. At least one course must have a laboratory component. | 6 |

Minimum Required Grade: C-

### Additional STEM Courses for the AS Degree
**Code** | **Title** | **Hours**
--- | --- | ---
|  | Complete 9 credits of the following courses in the areas of Science, Technology, Engineering, and Mathematics (STEM) beyond those taken as general education requirements. | 9 |

#### Mathematics
* M 105  Contemporary Mathematics*  
* M 115  Probability and Linear Mathematics*  
* M 121  College Algebra*  
* M 122  College Trigonometry*  
* M 162  Applied Calculus*  

#### Sciences:
* BIOB 101N  Discover Biology*  
* BIOB 109N  Montana Ecosystems*  
* BIOB 160N  Principles of Living Systems*  
* BIOB 161N  Principles of Living Systems Lab*  

* BIOB 210N  Communicating Biology*  
* BIOH 104N  Basic Human Biology*  
* BIOH 105N  Basic Human Biology Laboratory*  
* BIOH 201N  Human Anatomy & Physiology I*  
* BIOH 202N  Human Anatomy and Physiology I Lab*  
* BIOH 211N  Human Anatomy and Physiology II*  
* BIOH 212N  Human Anatomy and Physiology II Lab*  
* BIOM 250N  Microbiology for Health Sciences*  
* BIOM 251  Microbiology Health Sciences Lab*  
* CAS 231N  Pharmacology and Addictions*  
* CHMY 121N  Introduction to General Chemistry*  
* GEO 101N  Introduction to Physical Geology*  
* GEO 102N  Introduction to Physical Geology Lab*  
* NUTR 221N  Basic Human Nutrition*  
* PHSX 105N  Fundamentals of Physical Science*  

#### Environmental Studies:
* ENST 231H  Nature and Society*  

#### Business Technology:
* ACTG 101  Accounting Procedures I*  
* ACTG 102  Accounting Procedures II*  
* ACTG 180  Payroll Accounting*  
* ACTG 201  Principles of Financial Accounting*  
* ACTG 202  Principles of Managerial Accounting*  
* ACTG 211  Income Tax Fundamentals*  
* ACTG 215  Fundamentals of Government and Nonprofit Accounting*  
* AHMS 144  Medical Terminology*  
* AHMS 156  Medical Billing Fundamentals*  
* AHMS 216  Pharmaceutical Products*  
* AHMS 220  Medical Office Procedures*  
* AHMS 252  Computerized Medical Billing*  
* BFIN 205S  Personal Finance*  
* BGEN 105S  Introduction to Business*  
* BGEN 160S  Issues in Sustainability*  
* BMKT 265  Social Media Strategy & Management*  
* CSCI 113  Programming with C++ I*  
* CSCI 151  Interdisciplinary Computer Science I*  
* CSCI 172  Intro to Computer Modeling*  
* CSCI 215E  Social & Ethical Issues in CS*  
* CSCI 221  System Analysis and Design*  
* CSCI 240  Databases and SQL*  
* CULA 210  Nutritional Cooking*  
* DDSN 113A  Technical Drafting*  
* DDSN 114  Introduction to CAD*  
* DDSN 116  3D CAD*  
* DDSN 244  GIS Mapping*  
* DDSN 245  Civil Drafting*  
* ECNS 201S  Principles of Microeconomics*  
* GDSN 149A  Digital Imaging I*  
* ITS 150  CCNA 1: Exploration*  
* ITS 152  CCNA 2: Exploration*
ITS 165  Introduction to Operating Systems and the Command Line
ITS 210  Network OS - Desktop
ITS 212  Network OS - Server Administration
ITS 214  Network OS - Infrastructure
ITS 221  Project Management
ITS 222  Enterprise Security
ITS 250  CCNA 3: Exploration
ITS 252  CCNA 4: Exploration
ITS 279  Cloud Systems
ITS 280  Computer Repair & Maintenance
ITS 289  Professional Certification
MART 214  Digital Publishing & Design
MART 232  Interactive Web II
SRVY 230  Intro to Surveying for Engineers

Minimum Required Grade: C-

**A.S. Degree Electives**

**Note:** Number of elective credits required varies; student needs to ensure s/he earns at least 60 total credits for the AA degree. Transfer students may count up to 30 transfer credits towards the total 60 necessary for degree. A maximum of 15 technical credits may be counted towards the total 60. (A student may use 20 technical credits towards the 60 if s/he has earned an AAS degree.)

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<tr>
<td></td>
<td>Complete elective credits to attain the 60 credits required for the General AA degree.</td>
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Minimum Required Grade: C-