

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

Code	Title	Hours
Writing Skills		
	Introductory Writing Course	
	Intermediate Writing Course	
Mathematics		
Perspectives		
	Expressive Arts	
	Historical & Cultural Studies	
	Literary & Artistic Studies	
	Social Sciences	
	Ethical & Human Values	
	Democracy and Citizenship	
	Cultural and International Diversity	
	Natural Sciences	
Additional STEM Courses for the A.S. Degree		
A.S. Degree Electives		

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.

Code	Title	Hours
Complete one of the following courses:		
WRIT 101	College Writing I	3
or WRIT 201	College Writing II	

Minimum Required Grade: C-

Intermediate Writing Course

Code	Title	Hours
Complete any course designated as an Intermediate Writing Course during semester it's taken.		3

Minimum Required Grade: C-

Mathematics

Note: Appropriate placement into mathematics courses required.

Code	Title	Hours
Complete any Mathematics course level 104 or higher (excluding M 111).		3-4

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)

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

Minimum Required Grade: C-

Literary & Artistic Studies (L)

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

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.		
Minimum Required Grade: C-		
Social Sciences (S)		
Code	Title	Hours
Complete a minimum 3 credits in any course with the Social Sciences (S) designation.		
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.		
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.		
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.		
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.		
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.		
Mathematics		
M 105	Contemporary Mathematics	9
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	3
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	3
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	6
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.)

Code	Title	Hours
Complete elective credits to attain the 60 credits required for the General AA degree.		13-27

Minimum Required Grade: C-