

C&I 287	Business Communication
COMM 410	Communication in Personal relationships
CRT 122E	Ethics and Information Technology
DRAM 320	Theatre History
ECNS 317 (ECON 350)	Economic Development
ECNS 433 (ECON 440)	Economics of the Environment (Environmental Economics)
ENEX 200	Advanced Composition
HC 121L	Ways of Knowing
HSTR 300 (HIST 300)	The Historian's Craft
JOUR 270	Reporting
LIT 110 (ENLT 120L)	Introduction to Literature (Introduction to Critical Interpretation)
LIT 120L (ENLT 121L)	Poetry (Introduction to Poetry)
LIT 201L (ENLT 201)	Introduction to Literary Studies
LIT 210L (ENLT 224L)	American Literature I (American Literature to 1865)
LIT 211L (ENLT 225L)	American Literature II American Literature: 1865 to Present
LIT 220L (ENLT 217L)	British Literature: Medieval through Early Modern
LIT 221L (ENLT 218L)	British Literature: Enlightenment to Romantics
LIT 222L (ENLT 219L)	British Literature: Victorian to Contemporary
LS 151L/152L	Introduction to the Humanities
MCLG 251L	The Epic
MUS 325H	History of Music II
NAS 200	Native American Studies Research and Writing Methods
NAS 202X	Oral and Written Traditions of Native America
PHIL 300E	Moral Philosophy
RTV 280	Reporting for Broadcast
UNC 270	Critical Writing II
WBIO 245	Science Writing
WRIT 120L (WTS 121L)	Poetry (Introduction to Poetry)
WRIT 121 (WTS 115)	Introduction to Technical Writing (Technical Writing)
WRIT 222 (FOR 220)	Technical Approach to Writing (Technical Writing)
WRIT 240E (WTS 240E)	Ethics and Rhetoric: Writing Arguments on Contemporary Issues
WRT 110 (WTS 120L)	Introduction to Literature Introduction to Critical Interpretation

The following courses are approved as meeting the criteria for the **upper-division writing requirement**. Students should consult with their advisor regarding the requirement specified by their major.

ANTH 314	Principles of Forensic Anthropology
ANTH 402	Advanced Anthropological Statistics
ANTH 450	Archaeological Theory (2/26/09 follow-up: MacDonald)
ANTH 451	Cultural Resource Management
ANTH 455	Artifact Analysis
BIOL 304	Ornithology
BIOL 306	Mammalogy
BIOL 341	Ecology Lab
BIOL 366	Freshwater Ecology
C&I 318	Teaching Language Arts
CHMY 302	Chemical Literature and Scientific Writing

(CHEM 334)	
COMM 377	Rhetoric, Nature, Environmentalism
COMM 455	Rhetorical Criticism and Theory
COMM 480	The Rhetorical Construction of "Woman"
COMM 481	The Rhetoric of U.S. Women's Activism, 1960 - present
CS 415	Computer Ethics and Society
CS 499	Senior Thesis/Project
CSD 430 & CSD 440	Senior Capstone I and II
DAN 494	Junior/Senior Dance Seminar
DRAM 321	Theatre History II
ECNS 488-489	Research Method & Thesis Design / Senior Thesis capstone
EVST 302	Introduction to Environmental Regulation
EVST 305L	The Environmental Vision
EVST 367	Environmental Politics and Policy
EVST 487	Globalization, Justice and the Environment
GEO 499	Senior Thesis
GEO 320N	Global Water Cycle
GPHY 433(GEOG 333)	Cultural Ecology
GPHY 335	Water Policy
GPHY 499	Undergraduate Thesis
HHP 301	Instructional Strategies in Secondary Physical Education
HHP 372	Rehab of Athletic Injuries
HHP 450	Analytical and Communication Techniques
HSTR 470(HIST 437)	The Dynamics of Diplomacy
IS 448	Management Game
JOUR 331	Public Affairs Reporting
JOUR 333	Magazine Freelance Writing
JOUR 415	Feature Writing
JPNS 311	Classical Japanese Literature in English Translation
JPNS 312	Japanese Literature from Medieval to Modern Times
JPNS 431	Postwar Japanese Literature
LING 473	Language and Culture
LING 484	North American Indigenous Languages and Linguistics
LIT 300 (ENLT 301)	Literary Criticism (Applied Literary Criticism)
LIT 301 (ENLT 323)	Studies in Literary Forms
LIT 304 (ENLT 327)	U.S. Writers of Color (Literature by US Writers of Color)
LIT 314 (ENLT 335)	The American Novel
LIT 315 (ENLT 331)	Voices of the American Renaissance
LIT 316 (ENLT 373)	Topics in Postcolonial Studies
LIT 327 (ENLT 320)	Shakespeare
LIT 331 (ENLT 321)	Major Author/s (Studies in a Major Author)
LIT 335 (ENLT 336)	Women and Literature (American Women Writers)
LIT 342 (ENLT 338)	Montana Writers (Montana Literature)
LIT343 (ENLT 337)	African American Literature
LIT 353 (ENLT 353)	Milton
LIT355 (ENLT 355)	British Romanticism (British Romantic Literature)
LIT 362 (ENLT 334)	Postwar Poetry
LIT 369 (ENLT 369)	Short Fiction (Advanced Studies in the Novella and Short Fiction)
LIT 373 (ENLT 371)	Literature & the Environment
LIT 375 (ENLT 322)	Literary History (Studies in Literary History)
LIT 376 (ENLT 325)	Literature and Other Disciplines (Studies in Literature and Other Disciplines: The Bible as Literature)
LIT 494 (ENLT 401)	Seminar: Literature Capstone (Capstone Seminar in Literature)
MATH 499	Senior Thesis
MATH 406	History of Mathematics
MCLG 494	Seminar in Russian Studies
MGMT 444	Management Communications
MGMT 445	Small Business Management and Strategic Planning
MGMT 446	Strategic management
MUS 424	Music of the 20th Century to the Present
MUS 436	Topics in Music History
MUS 437	Cultural Studies in Music

NAS 494	Capstone Reading Course
PHAR 550	Drug Literature Evaluation
PHIL 480	Senior Seminar
PHYS 330	Methods of Communicating Physics
PSCI 400	Advanced Writing in Political Sciences
PSYX 400	History and Systems of Psychology
PSYX 320 (PSYC 320)	Research Methods III (Advanced Psychological Research Methods)
RECM 451	Tourism and Sustainability
RECM 482	Wilderness and Protected Area Management
RTV 360	Advanced Broadcast Reporting
RTV 361	Newscast Reporting and Producing
RTV 494	Senior Seminar
SOC I 441	Capstone: Inequality and Social Justice
SOCI 438	Seminar in Crime and Deviance
SOCI 460	Capstone in Rural & Environmental Change
SOCI 488	Religion and Political Movements
SW 310	Social Welfare Policies and Services
WBIO 408	Advanced Fisheries Science
WBIO 470	Conservation of Wildlife Populations
WBIO 497	Senior Thesis

***Note: For Academic Year 2009-2010 ONLY, students planning to graduate by satisfying general education requirements under previous catalogs may use courses from the following list for to satisfy the Writing requirement (in addition to any courses in the preceding list).**

ANTH 340H, 359

AS 340, 432

CHIN 315L, 432

COMM 410, 421, 422, 424

FOR 340

GERM 303H

HIST/ GEOG 401 (HSTA 462/GPHY 442)

LS 315L, 321H

MAR 450

MCLG 330, 432

MGMT 348

MKTG 461

NAS 329

NAS 403

PHIL 461

PSC 300

Group II Mathematics

Mathematical literacy implies an appreciation of the beauty of mathematics, an ability to apply mathematical reasoning, and an understanding of how mathematics and statistics are used in many arenas. Mathematical literacy may be attained through the study of the properties of numbers, mathematical modeling, geometry, data analysis and probability, with the overarching goal of learning mathematical reasoning and problem solving

Mathematical literacy cannot be achieved in a single course. However, for the purposes of general education, the mathematical literacy

requirement can be met by any one of the following:

1) achieving a grade of C-or better in one of the following courses which address different aspects of mathematical literacy: Math 105 (107), 104 (109), 121 (111), 122 (112), 115 (117), 151 (121), 135 (130), or a mathematics course of 3 or more credits for which one of these is a prerequisite.

2) achieving a score of 50 or better on the CLEP College Algebra Test, the CLEP College Precalculus Test, or the CLEP College Mathematics Test.

3) passing the Mathematical Literacy Examination administered by the Department of Mathematical Sciences. To qualify to take the Mathematical Literacy Examination, a student must have achieved a score of 630 or better on the SAT Math exam or a score of 28 or better on the ACT Math exam. A student may take the Mathematical Literacy Examination only once. Further details are available from the Department of Mathematical Sciences.

Students must complete the mathematical literacy requirement by the time they have earned 30 credits; if not, they must register for a mathematical sciences course every semester until they have completed the requirement. Because many other courses at the university assume some mathematical literacy, it is strongly recommended that all students complete their mathematical literacy requirement as soon as possible.

Upon completion of the mathematical literacy requirement, a student will be able to effectively apply mathematical or statistical reasoning to a variety of applied or theoretical problems.

Group III: Modern and Classical Language

Students must complete successfully the second semester of a Modern and Classical Language at the University of Montana. Courses encompass the comprehensive study of a natural language other than written or spoken contemporary English.

Upon completion of the Modern and Classical Languages sequence, students will have a basic functional knowledge of a second natural language sufficient to:

1. read and write if the language is classical, such as Latin;
2. speak and aurally comprehend, if the language does not have a written tradition, such as Salish;
3. perform all four skills (speaking, aural comprehension, reading, and writing) if the language is modern and has a written tradition, such as Japanese or French.
4. demonstrate both receptive (visual comprehension) and expressive (manual production) proficiency if the language is American Sign Language.

ARAB 101	Elementary Modern Arabic I (Elementary Standard Arabic)
ARAB 102	Elementary Modern Arabic II (Elementary Modern Standard Arabic)
CHIN 101	Elementary Chinese I
CHIN 102	Elementary Chinese II
FRCH 101 (FREN 101)	Elementary French I
FRCH 102 (FREN 102)	Elementary French II
GRMN 101 (GERM 101)	Elementary German
GRMN 102 (GERM 102)	Elementary German
GRK 101	Elementary Greek I
GRK 102	Elementary Greek II
ITLN 101 (ITAL 101)	Elementary Italian I
ITLN 102 (ITAL 102)	Elementary Italian II
JPNS 101	Elementary Japanese I
JPNS 102	Elementary Japanese II
LATN 101 (LAT 101)	Elementary Latin
LATN 102 (LAT 102)	Elementary Latin
RUSS 101	Elementary Russian I
RUSS 102	Elementary Russian II
SPNS 101	Elementary Spanish

(SPAN 101)	
SPNS 102 (SPAN 102)	Elementary Spanish
*ENIR 101	Elementary Irish One
*ENIR 102	Elementary Irish Two
* ENIR 103	Elementary Irish Three

* Three 3 credit courses of Irish are required to fulfill the general education requirement

- Students may satisfy the requirement by demonstrating equivalent skill in any of these or other languages in testing administered by the Department of Modern and Classical Languages and Literatures.
- International students from non English speaking countries may satisfy this requirement by presenting a TOEFL score of 580 or greater, or by successful completion of ESL/LING 250 or 450, or by presenting a department approved application for degree.

Group III: Exceptions to the Modern and Classical Language requirement - Symbolic Systems

The majors listed below have been granted exceptions to the Modern and Classical Language requirement. Students graduating in any one of these majors may substitute the symbolic system course or courses designated by the major.

Each of these courses presents the foundations of a symbolic system, defined as a relationship that maps real-world objects, principles and doctrines with abstractions of the real-world.

Symbolic systems facilitate communication in specialized ways but do not comprise a spoken or written language by which members of a culture typically communicate with each other.

Upon completion of a symbolic systems course or courses, students will be able to:

1. demonstrate an understanding of the symbols and the transformations of the system
2. relay and interpret information in terms of the given symbolic system.
3. apply creative thinking using the symbolic system in order to solve problems and communicate ideas;

Major	Symbolic Systems Course(s)
Accounting & Finance	STAT 216 (MATH 241)
Anthropology	ANTH 401 or FOR 201 or STAT 216 (MATH 241) or SOCI 202 (SOC 202) or PSYX 222(PSYC 220)
Biochemistry Biochemistry / Health Profession Option	M171 (MATH 152) M162 (MATH 150)
Chemistry	One course in Mathematical Science at 162 (150) level or above
Communication Studies	STAT 216 (MATH 241) or PSYX 222 (PSYC 220) or SOCI 202 (SOC 202) or HHP 486
Computer Science	CS 131 and CS 132
Curriculum & Instruction	M136 (MATH 131)
Division of Biological Sciences	M162 (MATH 150) or M171 (MATH 152)
Economics	STAT 216 (MATH 241) and either M162 (MATH 150) or M171 (MATH 152) or M172 (MATH 153)
Forestry	M162 (MATH 150)
Geography	STAT 216 (MATH 241)
Geoscience	M162 (MATH 150) or M171 (MATH 152)
Health and Human Performance	C&I/HHP 486 or STAT 216 (MATH 241) or PSYX 222 (PSYC 220) or SOCI 202 (SOC 202) or WBIO 210
Management Information Systems	STAT 216 (MATH 241)
Management & Marketing	STAT 216 (MATH 241)
Mathematics or combined Mathematics / Computer Science	M171 (MATH 152), or any course for which it is a prerequisite
Music- Bachelor of Music Education Bachelor of Music in Composition/Music	MUS 111, 112, 137 & 138

Technology Bachelor of Music Specialization in Instrumental Performance	
Bachelor of Music Specialization in Piano Performance and Pedagogy	
Bachelor of Music Specialization in Piano Performance	
Pharmacy	M162 (MATH 150) and [STAT 216 (MATH 241) or PSYX 222 (PSYCH 220) or SOCI 202 (SOC 202)]
Psychology	PSYX 222 (PSYC 220)
Recreation Management	STAT 216 (MATH 241) or FOR 201 or SOCI 202 (SOC 202)
Resource Conservation	STAT216 (MATH 241) or WBIO 240 or FOR 201 or SOCI 202 (SOC 202)
Sociology	SOCI 202 (SOC 202) or PSYX 222 (PSYC 220) (for double majors) or STAT 216 (MATH 241)
Wildland Restoration	[M162 (MATH 150) or M171(MATH 152)] and [FOR 201 or WBIO 240 or STAT 216 (MATH 241)]
Wildlife Biology	M162 (MATH 150) or higher and WBIO 240 or two Math courses 162 (150) and Higher

Students are advised that most courses meeting the symbolic systems exception have prerequisites, as indicated in the chart below:

Course	Title	Pre-requisite(s)
ANTH 401	Anthropological Data Analysis	College algebra or consent of instructor
CS 131	Fundamentals of Computer Science I	Computer programming experience in a language such as BASIC, Pascal, C, etc.; coreq., M 095 D (MAT 100D) or consent of instr. CS 102 highly recommended as prereq. or coreq
CS 132	Fundamentals of Computer Science II	CS 131; coreq., M151 (MATH 121) or consent of instr
C&I 486	Statistical Procedures in Education	M 115 (MATH 117) or equiv. or consent of instr
FOR 201	Forest Biometrics	M 115 (MATH 117) or M 151 (MATH 121) or equivalent
HHP 486	Statistical Procedures in Education	M 115 (MATH 117) or equiv. or consent of instr
M 136 (MATH 131)	Mathematics for K-8 Teachers II	M 135 (MATH 130)
M 162 (MATH 150)	Applied Calculus	Appropriate placement score or one of M 121, 122, or 151 (MATH 111,112 or 121)
M171 (MATH 152)	Calculus I	M 122 or 151 (MATH 112 or 121) or appropriate placement score
STAT 216 (MATH 241)	Statistics	M 115 (MATH 117) or consent of instructor
STAT 451 (MATH 444)	Statistical Methods	One year of college mathematics including M 115 (MATH 117) or equiv. course in probability or consent of instr
MUS 111	Theory I	Coreq., MUS 137
MUS 112	Theory II	MUS 111
MUS 137	Aural Perception I	Coreq., MUS 111
MUS 138	Aural Perception II	MUS 137
MUS 162	Language of Music II	MUS 161
PSYX 222 (PSYC 220)	Psychological Statistics	PSYX 100S, 120: M 115, 162, or 171 (MATH 117, 150 or 152)
SOCI 202 (SOC 202)	Social Statistics	M 115 (MATH 117) or consent of instructor

WBIO 240	Introduction to Biostatistics	Calculus and consent of instructor
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Group IV: Expressive Arts (A)

Expressive Arts courses are activity-based and emphasize the value of learning by doing in an artistic context. Upon completion of an Expressive Arts course, students will be able to express themselves in the making of an original work or creative performance; understand the genres and/or forms that have shaped the medium; and critique the quality of their own work and that of others.

ART 101A	Visual Language: Drawing
ART 102A	Visual Language: 2-D Design
ART 103A	Three Dimensional Fundamentals
ART 129A	Ceramics for Non-Majors
ART 314A	Elementary School Art
ART 324A	Drawing Studio Seminar
COM 160A	Oral Communication
COM 217A	Oral Interpretation of Literature
COMM 111A	Introduction to Public Speaking
DAN 100A	Modern Dance I
DAN 104A	Ballet I
DAN 107A	Jazz Dance I
DAN 108A	Dance Forms I
DAN 200A	Modern Dance II
DAN 201A	Beginning Composition
DAN 204A	Ballet II
DAN 207A	Jazz Dance II
DRAM 103A	Introduction to Theatre Design
DRAM 106A	Theatre Production I: Running Crew
DRAM 107A	Theatre Production I: Construction Crew
DRAM 111A	Acting for Non - Majors
DRAM 112A	Acting for Non - Majors II
DRAM 216A	Production Acting I
ENCR 210A	Introduction to Creative Writing: Fiction
ENCR 211A	Introduction to Creative Writing: Poetry
ENCR 212A	Introduction to Creative Writing: Nonfiction
ENCR 312A	Creative Writing: Nonfiction
EVST 373A	Nature Works
MAR 111A	Integrated Digital Art
MAR 112A	Intro to Non-Lin Editing
MUS 100A	Performance Study
MUS 104A	Marching Band
MUS 107A	Choral Ensembles
MUS 108A	Orchestras
MUS 110A	Concert Bands
MUS 113A	Opera Theatre
MUS 114A	UM Jazz Bands
MUS 115A	Piano In Class I
MUS 116A	Piano In Class II
MUS 118A	Singing for Non-Majors
MUS 147A	Beginning Folk Guitar
MUS 150A	Chamber Ensembles
WRIT 184A (WTS 184A)	Beginning Creative Writing: Multiple Genres
WRIT 185A (WTS 185A)	Beginning Creative Writing: Fiction
WRIT 186A (WTS 186A)	Beginning Creative Writing: Poetry

Group V: Literary and Artistic Studies (L)

In these courses, students develop familiarity with significant works of artistic representation, including literature, music, visual art, and/or performing arts. Through this experience, students enhance their analytical skills and explore the historical, aesthetic, philosophical, and

cultural features of these works.

Upon completion of a Literary and Artistic Studies course, students will be able to:

1. analyze works of art with respect to structure and significance within literary and artistic traditions, including emergent movements and forms; and
2. develop coherent arguments that critique these works from a variety of approaches, such as historical, aesthetic, cultural, psychological, political, and philosophical.

ART 100L	Art Appreciation
ART 203L	Introduction to Art Criticism
DAN 234L	Dance in Cinema
DAN 335L	World Dance
DRAM 101L	Theatre Appreciation
DRAM 220L	Dramatic Literature (Script Analysis)
ENCR 110L	Montana Writers Live!
ENFM 180L	Introduction to Film
EVST 305L	Environmental Vision
HC 121 L	Ways of Knowing
LIT 110L (ENLT 120L/ WTS 120L)	Introduction to Literature (Introduction to Critical Interpretation)
LIT 120L (ENLT 121L/ WTS 121L)	Poetry (Introduction to Poetry)
LIT 210L (ENLT 224L)	American Literature I American Literature to 1865
LIT 211L ENLT 225L	American Literature II American Literature since 1865
LIT 220L (ENLT 217L)	British Literature: Medieval to Renaissance
LIT 221L (ENLT 218L)	British Literature: Enlightenment to Romanticism
LIT 222L (ENLT 219L)	British Literature: Victorian to Contemporary
LIT 270L (ENLT 227L)	Film and Literature (Film as Literature, Literature as Film)
LIT 342L (ENLT 338L)	Montana Writers (Montana Literature)
LIT 349L (ENLT 349L)	Medieval Literature
LIT 350L (ENLT 350L)	Chaucer
LIT 378L (ENLT 372L)	Gay and Lesbian Studies
GRMN 322L (GERM 222L)/ LS 282L	The German Cinema
LS 151L	Introduction to Humanities
LS152L	Introduction to Humanities
LS 327L	Gender and Sexuality in English Fiction
MAR 101L	Intro to Media Arts
MCLG 155L	Survey of Classical Literature
MCLG 160L	Classical Mythology
MCLG 251L	The Epic
MCLG 252L	Greek Drama: Politics on Stage
MCLG 313L	Classical Chinese Poetry in Translation
MCLG 314L	Traditional Chinese Literature (Traditional Chinese Literature in English Translation)
MCLG 332L	Introduction to Multicultural Literature in Germany
MUS 132L	History of Jazz
MUS 133L	History of Rock and Roll
MUS 134L	The Art of Western Music
MUS 135L	Introduction to Music Literature

RUSS 312L (RUSS 307L)/ MCLG/LS 307L	Russian Literature II (Introduction to 19th Century Russian Literature)
RUSS 313L (RUSS 307L)/ MCLG 307/LS 307L	Russian Literature III (Introduction to 20th Century Russian Literature)

Group VI: Historical and Cultural Studies (H)

These courses present the historical or cultural contexts of ideas and institutions, and examine cultural development or differentiation in the human past. They are foundational in that they are wide-ranging in chronological, geographical, or topical focus, or in that they introduce students to methods of inquiry specific to a particular discipline.

Upon completion of a Historical and Cultural Studies course, students will be able to:

1. synthesize ideas and information with a view to understanding the causes and consequences of historical developments and events;
2. evaluate texts or artifacts within their historical and/or cultural contexts;
3. analyze human behavior, ideas, and institutions within their respective historical and/or cultural contexts.

AAS 161H	Introduction to African American Studies
AAS 342H / HISTA342H (AAS 262H)	African American History to 1865
AAS 343H/ HISTA 343H (AAS 263H)	African American History since 1865
ANTH 101H	Introduction to Anthropology
ANTH 103H	Food and Culture
ANTH 106H	The Silk Road
ANTH 251H	Foundation of Civilization
ANTH 252H	Archaeological Wonders of the World
ANTH 351H	Archaeology of North America
ANTH 354H	Mesoamerican Prehistory
ART 150H	Art of World Civilization: Ancient to Medieval Art
ART 151H	Art of World Civilization: Early Modern to Contemporary Art
COMM 250H	Introduction to Rhetorical Theory
DRAM 320H	Theatre History I
DRAM 321H	Theatre History II
DRAM 336H /ART 336H	History of Architectural Design, Pre-History to 1850
EVST167H/ AASC 167H	Nature & Society
GRMN 351H (GERM 303H)	German Culture, Beginnings to 1900 Crosslisted with LS 321H, MCLG 330H
GRMN 352H (GERM 304H)	German Culture, 1900 to the Present Crosslisted with LS 322H, MCLG 331H
HSTR 101H/ 103H (HIST 104H/107H)	Western Civilization I /Honors Western Civilization I (European Civilization to 1715)
HISTR 102H/ 104H (HIST 105H/108H)	Western Civilization II / Honors Western Civilization II (Modern Europe)
HISTA 101H/103H HIST 151/154H	American History I/ Honors American History I (The Americans: Conquest to Capitalism & Honors)
HISTA 102H/104H HIST 152H/ 155H	American History II/ Honors American History II (The Americans: 1877 to the Present)
HISTR 230H (HIST 286H)	Colonial Latin America
HISTR 231H (HIST 287H)	Modern Latin America
HISTR 377H (HIST 330H)	European International Relations

HISTR 380H (HISTR 331H)	Foreign Relations of the Great Powers
HISTR 374H (HISTR 334H)	War, Peace, and Society
JPNS 350H (JPNS 210H)	Japanese Culture and Civilization
LS 119H	Historical Perspective on Women
LS 161H	Introduction to Asian Humanities
MCLG 100H	Introduction to Latin American Studies
MCLG 105H, RUSS 105H, LS 105H	Introduction to Russian Culture
MCLG 211H	Chinese Culture and Civilization
MCLG 360H, ART 380H, LS 340H	Ancient Greek Civilization and culture
MUS 136H	Music of the Worlds People
MUS 324H	History of Music I
MUS 325H	History of Music II
NAS 100H	Introduction to Native American Studies
PHIL 240H	History and Philosophy of Science
RELS 210H	Introduction to the Hebrew Bible/Old Testament and the History of Ancient Israel
RELS 232H	Buddhism

Group VII: Social Sciences (S)

Social science courses describe and analyze human social organization and interaction, employing social data at a broad scale with statistical relevance, experimental data on individuals or groups, or qualitative data based on observation and discourse.

Upon completion of a Social Sciences course, students will be able to:

1. Describe the nature, structure, and historical development of human behavior, organizations, social phenomena, and/or relationships;
2. use theory in explaining these individual, group, or social phenomena; and/or
3. understand, assess, and evaluate how conclusions and generalizations are justified based on data

ANTH 102S	Race and Minorities
ANTH 220S	Comparative Social Organization
ANTH 250S	Introduction to Archaeology
BUS 103S	Principles of Business
BUS 160S / CCS 160S	Issues in Sustainability
COM 150S	Interpersonal Communication
COM 260S	Survey of Children's Communication
COMM 110S	Introduction to Interpersonal Communication
COMM 202S	Nonverbal Communication
COMM 230S	Organizational Communication
ECNS 101S (ECON 100S)	Economic Way of Thinking (Introduction to Political Economy)
ECNS 201S (ECON 111S)	Principles of Microeconomics (Introduction to Microeconomics)
ECNS 202S (ECON 112S)	Principles of Macroeconomics (Introduction to Macroeconomics)
EVST 477S	Environmental Justice Issues and Solutions
GPHY 121S (GEOG 101S)	Human Geography (Introduction to Human Geography)
GPHY 141S (GEOG 103S)	Geography of World Regions
GPHY 241S (GEOG 201S)	Montana
GPHY 323S (GEOG 315S)	Economic Geography of Rural Areas
IS 100S/ BADM 100S	Introduction to Business
LING 270S	Introduction to Linguistics

MGMT 340S	Management and Organizational Behavior
PSCI 210S (PSC 100S)	Introduction to American Government
PSCI 220S (PSC 120S)	Introduction to Comparative Government
PSYX 100S (PSY 100S/ PSYC 100S)	Introductory Psychology (Introduction to Psychology/ Introductory Psychology)
PSYX 161S (PSY 110S)	Fundamentals of Organizational Psychology (Organizational Psychology)
PSYX 230S (PSYC 240S)	Developmental Psychology (Child and Adolescent Development)
PSYX 270S (PSYC 260S)	Fundamental Psychology of Learning (Fundamentals of Learning)
PSYX 280S (PSYC 265S)	Fundamentals of Memory and Cognition (Cognition)
PSYX 340S (PSYC 330S)	Abnormal Psychology
PSYX 378S (PSYC 335S)	Introduction to Clinical Psychology (Fundamentals of Clinical Psychology)
PSYX 360S (PSYC 350S)	Social Psychology
PSYX 385S (PSYC 351S)	Psychology of Personality
RECM 110S	Introduction to Parks, Recreation & Tourism
RECM 217S	Wildland Recreation Management
RSCN 121S	Nature of Montana
RSCN 370S	Wildland Conservation Policy and Governance
SOCI 101S (SOC 110S)	Introduction to Sociology (Principles of Sociology)
SOCI 130S (SOC 130S)	Sociology of Alternative Religions
SOCI 212S (SOC 212S)	Southeast Asian Culture and Civilization
SOCI 220S (SOC 220S)	Race, Gender, and Class
SOCI 211S (SOC 230S)	Introduction to Criminology (Criminology)
SOCI 275S (SOC 275S) /WGS 275S	Gender and Society
WGS 263S	Introduction to Women's & Gender Studies

Group VIII: Ethics and Human Values (E)

Ethics and Human Values courses familiarize students with one or more traditions of ethical thought. These courses rigorously present the basic concepts and forms of reasoning that define and distinguish each tradition. The focus of these courses may be on one or more of these traditions, or on a concept such as justice or the good life as conceptualized within one or more of these traditions, or on a professional practice within a particular tradition.

Upon completion of an Ethics and Human Values course, students will be able to:

- 1. correctly apply the basic concepts and forms of reasoning from the tradition or professional practice they studied to ethical issues that arise within those traditions or practices;
- 2. analyze and critically evaluate the basic concepts and forms of reasoning from the tradition or professional practice they studied.

ANTH 385E	Indigenous Peoples and Global Development
C&I 407E	Ethics and Policy Issues
CHMY 302E (CHEM 334E)	Chemical Literature and Scientific Writing
CRT 122E	Ethics and Information Technology
FOR 489E	Ethics and Management of Public Lands
GEO 304E (GEOS 304E)	Science and Society

HC 320E	Research Portfolio Seminar
HHP 475E	Legal & Ethical Issues in the Health & Exercise Professions
HSTR 272E (HIST 226E)	Terrorism: Violence in the Modern World (Terrorism from the French Revolution to Today)
HSTR 374E (HIST 334E)	War, Peace, and Society
HSTR 384E (HIST 335E)	History of International Human Rights (International Human Rights)
HSTR 472E (HIST 460E)	Problems of Peace and Security
MED 280E	Ethics in the Health Professions
MGMT 440E	Business Ethics
NAS 301E	American Indian Religion and Philosophy
NAS 303E	Ecological Perspectives of Native Americans
PHAR 514E	CASE Studies in Pharmacy Ethics
PHIL 200E	Ethics: Great Traditions
PHIL 201E	Political Ethics
PHIL 202E	Ethics and the Environment
PHIL 223E	Business and Ethics
PHIL 300E	Moral Philosophy
PSCI 250E (PSC 150E)	Introduction to Political Theory
RELS 381E	Comparative Ethics
SCI 220E	Technology, Ethics and Society
SW 410E	Ethics and the Helping Professions
WRIT 240E (WTS 240E)	Arguments and Contemporary Issues (Rhetoric and Ethics: Writing Arguments about Contemporary Issues)

Group IX: American and European Perspectives (Y)

These courses present a critical introduction to the antecedents, principles, institutions, cultures, traditions and legacies of the United States and Europe.

Upon completion of an American and European Perspective course, students will be able to:

1. Demonstrate informed and reasoned understanding of American and/or European historical and contemporary behavior, ideas, institutions, and culture; and
2. Analyze and evaluate what is distinctive and significant about the American and/or European experience and legacy.

ANTH 102Y	Race and Minorities
ART 151Y	Art of World Civilizations II: Renaissance to Modern
ART 389Y	American Art
LIT 110Y (ENLT 120Y)	Introduction to Literature (Introduction to Critical Interpretation)
LILT 120Y (ENLT 121Y)	Poetry Introduction to Poetry
LIT 222Y (ENLT 219Y)	British Literature: Victorian to Contemporary
HSTR 101Y/ 103Y (HIST 104Y/107Y)	Western Civilization I /Honors Western Civilization I (European Civilization to 1715)
HSTR 102Y/ 104Y (HIST 105Y/108Y)	Western Civilization II / Honors Western Civilization II (Modern Europe)
HSTA 101Y/103Y HIST 151Y/154Y	American History I/ Honors American History I (The Americans: Conquest to Capitalism & Honors)
HSTA 102Y/104Y HIST 152Y/ 155Y	American History II/ Honors American History II (The Americans: 1877 to the Present)
HSTR 377Y (HIST 330Y)	European International Relations (European International Relations: Origins of the State System to 1870)
HSTR 380Y (HIST 331Y)	Foreign Relations of the Great Powers
MCLG 105Y, RUSS 105Y, LS 105Y	Introduction to Russian Culture
GRMN 351Y (GERM	German Culture to 1900

303Y)/ MCLG 330Y/ LS 321Y	German Culture, Beginnings to 1900
GRMN 352 Y (GERM 304Y)/ MCLG 331Y/ LS 322Y	German Culture, 1900 to Present
GRMN 362Y (GERM 362Y)/ MCLG 231Y/ LS 221Y	Germanic Mythology and Culture
MUS 324Y	History of Music I
MUS 325Y	History of Music II
PHIL 251Y	History of Ancient Philosophy
PHIL 252Y	History of Modern Philosophy
PSCI 210Y (PSC 100Y)	Introduction to American Government

Group X: Indigenous and Global Perspectives (X)

This perspective instills knowledge of diverse cultures in comparative and thematic frameworks. Students are encouraged to cultivate ways of thinking that foster an understanding of the complexities of indigenous cultures and global issues, past and present. Students will learn how geographically and culturally separate parts of the world are linked by various, multiple interactions.

Indigenous studies focus upon "first peoples" and their descendants who derive their cultural communal identities from their long-standing and/or historical habitation of particular places. These courses foster an appreciation for indigenous peoples, their histories and cultures, and their struggles both to maintain their ways of life and gain equal positions in world spheres of power and change.

Global studies investigate how societies and nations interact through human endeavor and /or natural processes. These courses encourage students to relate their knowledge of particular parts of the world, with their individual identities, and to larger trends and issues that affect multiple societies and environments. These include regional, national, and even transnational cultural flows, as well as a multiplicity of environmental processes and economic relationships.

Upon completion of an American and European Perspective course, students will be able to:

1. place human behavior and cultural ideas into a wider (global/indigenous) framework, and enhance their understanding of the complex interdependence of nations and societies and their physical environments;
2. demonstrate an awareness of the diverse ways humans structure their social, political, and cultural lives; and
3. analyze and compare the rights and responsibilities of citizenship in the 21st century including those of their own societies and cultures.

ANTH 101X	Introduction to Anthropology
ANTH 103X	Food and Culture
ANTH 106X	The Silk Road
ANTH 220X	Comparative Social Organization
ANTH 251X	Foundation of Civilization
ANTH 252X	Archaeological Wonders of the World
ANTH 323X	Native Peoples of Montana
ANTH 330X	Peoples and Cultures of the World
ANTH 341X	Contemporary Issues of American Indians
ANTH 351X	Archaeology of North America
ANTH 352X	Archaeology of Montana
ANTH 354X	Mesoamerican Prehistory
ANTH 357X	Archaeology of the Southwestern United States
ANTH 385X	Indigenous Peoples and Global Development
ANTH 388X	Native American Health and Healing
ART 150X	Art of World Civilization: Ancient to Medieval Art
COMM 251X	International and Development Communication
DAN 335X	World Dance
ECNS 317X (ECON 350X)	Economic Development
GPHY 243X (GEOG 207X)	Africa
GPHY 245X (GEOG 213X)	The Middle East
HSTR 230X	Colonial Latin America

(HIST 286X)	
HSTR 231X (HIST 287X)	Modern Latin America
HSTR 384X (HIST 335X)	History of International Human Rights (International Human Rights)
LING 375X	Endangered Languages
MCLG 100X	Introduction to Latin American Studies
MUS 136X	Music of the Worlds People
NAS 100X	Introduction to Native American Studies
NAS 202X	Oral and Written Traditions
NAS 210X	Native American Sports and Games
NAS 231X	Indigenous Worldview Perspectives
NAS 301X	American Indian Religion and Philosophy
NAS 303X	Ecological Perspectives of Native Americans
NAS 464X / HSTA 465	History of American Indian Affairs to 1776
NAS 465X/ HSTA 452	History of American Indian Affairs in the 19th Century
NAS 466X/ HSTA 453	History of Indian Affairs from 1890
NAS 324X	Indians of Montana
NAS 400X	Tribal Sovereignty
NAS 429X	Gender Issues in Native American Studies
NASL 201X	Indian Culture as Expressed Through Language
PSCI 230X (PSC 130X)	Introduction to International Relations
RECM /FOR 345X	Sustaining Human Society and the Natural Environment
SOCI 212X (SOC 212X)	Southeast Asian Culture and Civilization

Group XI: Natural Science

These courses present scientific conclusions about the structure and function of the natural world, and demonstrate or exemplify scientific questioning and validation of findings.

Upon completion of a Natural Science course, a student will be able to:

1. understand the general principles associated with the discipline(s) studied;
2. understand the methodology and activities scientists use to gather, validate and interpret data related to natural processes;
3. detect patterns, draw conclusions, develop conjectures and hypotheses, and test them by appropriate means and experiments;
4. understand how scientific laws and theories are verified by quantitative measurement, scientific observation, and logical/critical reasoning; and
5. understand the means by which analytic uncertainty is quantified and expressed in the natural sciences

Courses without a laboratory experience

ANTH 210N	Introduction to Physical Anthropology
ANTH 211N	Human Genetics
ANTH 286N	Survey of the Forensic Sciences
ASTR 131N	Elementary Astronomy I
ASTR 132N	Elementary Astronomy II
BIOL 106N	Elementary Medical Microbiology
BIOL 108N	Diversity of Life
BIOL 121N	Introductory Ecology
BIOL 130N	Evolution and Society
BIOL 135N	Biology of Yellowstone Hot Springs
BIOL 201N	Montana Wildlife
BMED 145N	Introduction to Cancer Biology
CHMY 121N	Intro to General Chemistry
CHEM 151N	(General and Inorganic Chemistry)
CHMY 123N	Intro to Organic and Biochem
(CHEM 152N)	(Organic and Biological Chemistry)
CSD 221N	Fundamentals of Acoustics: Applications in Speech, Hearing & Language
ERTH 303N	Weather and Climate

Course Number	Course Title	I	II	III	IV (A)	V (L)	VI (H)	VII (S)	VIII (E)	IX (Y)	X (X)
AASC 167	Nature and Society	x					x				
ANTH 101	Introduction to Anthropology						x				x
ANTH 102	Race and Minorities							x		x	
ANTH 103	Food and Culture						x				x
ANTH 106	The Silk Road						x				x
ANTH 251	Foundation of Civilization						x				x
ANTH 252	Archaeological Wonders of the World						x				x
ANTH 351	Archaeology of North America						x				x
ANTH 354	Mesoamerican Prehistory						x				x
ANTH 385	Indigenous Peoples and Global Development								x		x
ART 151	Art of World Civilizations II: Renaissance to Modern						x			x	
ART 150	Art of World Civilization: Ancient to Medieval Art						x				x
ART 203	Introduction to Art Criticism	x				x					
CRT 122	Ethics and Information Technology	x							x		
DAN 335	World Dance					x					x
HISTA 101/103	American History I						x			x	
HISTA 102/104	American History II						x			x	
HISTR 102/ 104	Western Civilization II						x			x	
HISTR 230	Colonial Latin America						x				x
HISTR 231	Modern Latin America						x				x
HISTR 377	European International Relations: Origins of the State System to 1870						x			x	
HISTR 380	Foreign Relations of the Great Powers						x			x	
HSTR 101/ 103	Western Civilization I						x			x	
HSTR 374	War, Peace, and Society						x		x		
HSTR 384	History of International Human Rights								x		x
LIT 110	Introduction to Literature	x					x				
LIT 120	Poetry	x					x				
LIT 210	American Literature I	x					x				
LIT 211	American Literature II	x					x				
LIT 220	British Literature: Medieval through Early Modern	x					x				
LIT 221	Enlightenment to Romantics	x					x				
LIT 222	British Literature: Victorian to Contemporary	x					x				
LS 151/152	Introduction to the Humanities	x					x				
M 162	Applied Calculus			x	x						
M 171	Calculus I			x	x						
MCLG 251	The Epic	x					x				
MUS 136	Music of the Worlds People						x				x

MUS 324	History of Music I						X			X
MUS 325	History of Music II						X			X
NAS 100	Introduction to Native American Studies						X			X
NAS 202	Oral and Written Traditions of Native America	X								X
NAS 301	American Indian Religion and Philosophy								X	X
NAS 303	Ecological Perspectives of Native Americans								X	X
PHIL 300	Moral Philosophy	X							X	
PSCI 210	Introduction to American Government							X		X
RUSS 105	Introduction to Russian Culture						X			X
SOCI 212	Southeast Asian Culture and Civilization							X		X
STAT 216	Intro to Statistics		X	X						
STAT 451	Statistical Methods I		X	X						
WRIT 110	Introduction to Literature	X					X			
WRIT 120L	Poetry	X					X			
WRIT 240	Rhetoric and Ethics: Writing Arguments about Contemporary Issues	X							X	

General Education for Transfer Students.

Students transferring credits from other institutions must meet all requirements by transfer, by examination, or by completing courses at The University of Montana-Missoula.

According to Board of Regents policy, students who can demonstrate that they have completed an approved lower-division general education requirement at an approved Montana institution of higher education will be deemed to have completed general education requirements except for the upper-division writing proficiency assessment and the upper-division writing requirements in their majors.

Transfer students who believe they have completed an approved lower-division general education requirement at another Montana school should request that the registrar of the other school send a letter to the University Registrar’s Office certifying that the requirement has been met.

If students transfer 20 or more approved Montana University System core course credits with their initial registration at UM-Missoula, they may choose to complete the MUS General Education rather than the UM-Missoula General Education requirement

Students governed by the 2006-2007 catalog or later catalogs must earn a traditional letter grade of C- or better in courses used to satisfy General Education (except English composition and the Mathematical Literacy course must be a C or better). Students enrolled in a post-secondary institution prior to autumn 2006 may be eligible to choose an earlier governing catalog. Refer to the Governing Catalog information in the previous section. See index.

Students who have completed a bachelor degree at the University or elsewhere will be presumed to have completed the General Education Requirement.

Admissions & New Student Services will evaluate all transfer credits for General Education credit. Students who wish to appeal that evaluation may petition the Graduation Appeals Subcommittee of the Academic Standards and Curriculum Review Committee, but such petitions must be initiated during the first semester of the student's attendance following that evaluation.

Major and Minor Requirements

Major Requirements

Declaring a Major and Changing a Major

Students indicate on the application for admission the major or majors in which they are interested. Students undecided as to a field of interest may elect to be Undeclared while making program and career decisions. Students must declare a major in a degree granting program prior to completion of 45 credits or after three semesters, whichever occurs first.

Students must complete a major in order to earn a degree or certificate.

Students may change their majors or minors by obtaining the proper approval on a change of major or minor form available from the Registration Counter in Griz Central in the Lommasson Center. Because of enrollment limitations, students must request a change to a program in the College of Technology by completing an application for admission and submitting it to the College. Students whose initial admission was to the College of Technology may change to a major outside the College by submitting an application for admission to Enrollment Services-Admissions & New Student Services in the Lommasson Center.

Credits Required for a Major

Students in a bachelor degree program must complete a minimum of 30 credits in their major. Most majors require more.

Students may elect to earn a single degree with more than one major. Students may complete a double major (two majors) or any number of majors. All requirements for the majors must be completed even though students will receive a single degree such as a Bachelor of Arts with majors in Psychology and Sociology. It is only necessary to complete the total credit requirement for a single bachelor degree.

Courses completed to satisfy the requirements of a major also may be applied toward the General Education Requirement if they appear on the list of approved courses at the time they are taken.

Students in programs in the College of Technology complete requirements as listed in the College section of this catalog. See index.

Credit Limitations in a Major

A maximum of 60 credits in the student's major may be counted toward the baccalaureate degree, except some options in Health and Human Performance and Education, majors in Computer Science, and majors in the Schools of Business Administration, Fine Arts, Journalism, Law, Pharmacy and Allied Health Sciences and the College of Forestry and Conservation are allowed more. Students with combined majors, as opposed to two majors, are allowed to apply 75 credits in the major.

Grade Requirement

Courses taken to satisfy the requirements of the major must be completed with a grade of C- or better.

A minimum grade average of 2.00 in all work attempted in the major at The University of Montana-Missoula is required for graduation.

Options

Groups of courses have been identified which lead to a specialization within one major or between two or more majors. These specializations are called options. The names of approved options will be recorded on the permanent records of those students who have satisfactorily completed the requirements as given in the catalog governing their graduation. A student desiring a particular option must satisfy the requirements of the major offering it. If one option is offered within two or more majors, the student must satisfy the requirements of only one.

Only courses listed within the supporting major count toward the 60 credit limitation in the major. Courses in other fields do not count toward the maximum of 60 credits in the major even though they may be required or elected for the options.

If one major has two or more options, a student may satisfy the requirements for more than one option so long as the maximum credit limitations are observed.

Minor Requirements

Baccalaureate students may elect to complete one or more minors in fields outside their majors. Minors may be in fields unrelated to students' majors or they may be complementary or supportive of majors. A student may not take a minor in the same field of study as his or her major.

A student will not be required to satisfy the requirements of a minor in order to graduate unless that minor is required by the student's major department or school.

Courses completed to satisfy the requirements of a minor also may be applied toward the General Education Requirement if they appear on the list of approved courses at the time they are taken.

Credits Required for a Minor

To complete a minor, students must earn at least 18 credits in an approved minor listed in this catalog and complete a baccalaureate degree.

Students possessing a baccalaureate degree from an accredited college or university may earn a minor if they have been accepted by the University as an undergraduate degree student. In addition to meeting minor requirements, students must earn from The University of Montana-Missoula a minimum of 9 credits in the minor field and 15 credits overall.

Grade Requirement

Courses taken to satisfy the requirements of the minor must be completed with a grade of C- or better.

A minimum grade average of 2.00 in all work attempted in the minor at The University of Montana-Missoula is required for graduation with the minor.

Teaching Minors

Teaching minors are separate entities from degree minors as described in this section. Teaching minors are identified and requirements listed in the School of Education section of this catalog.

Degree/Certificate Requirements for Graduation

Catalog Governing Graduation

Students may graduate fulfilling University and departmental requirements in any University of Montana-Missoula catalog under which he or she has been enrolled during the six years prior to graduation. University or departmental requirements may change, however, to comply with accreditation requirements, professional certification and licensing requirements, etc. The student may meet major and minor requirements under different catalogs than the catalog under which she or he is meeting University requirements. Pharmacy students should consult the Professional Pharmacy Curriculum section in this catalog.

Students transferring to The University of Montana-Missoula may choose to graduate fulfilling requirements under the UM catalog in effect when they were enrolled at their original institution, provided the chosen catalog is not more than six years old at the time of graduation. Eligible students who choose an earlier catalog must notify the Admissions Office at the time of admission so their transfer work can be evaluated accordingly.

Applying for Certificate and Degree Candidacy

To become a candidate for a degree, the student must file formal application at the Registration Counter in Griz Central the beginning of the semester preceding the semester in which he or she expects to graduate. Deadline dates are specified in the Class Schedule. In the College of Technology, candidates for certificates and degrees must file a formal application with the Registrar's Office in the College at the beginning of the semester in which they expect to graduate.

Credits Required for a Certificate of Completion

See the specific course and credit requirements for certificate programs listed in the College of Technology and Linguistics sections of this catalog. See index. In addition, students in the College of Technology must complete successfully:

1. Mathematics one course from M 105T (MAT 100T) or above.
2. Communications and Human Relations PSYX 163T (PSY 105T) or PSYX 161S (PSY 110T) and one COM course as required by the specific program. Some programs have these skills imbedded within other courses which will satisfy this requirement.

Credits Required for a Degree

Associate of Applied Science

To receive an Associate of Applied Science (A.A.S.) Degree from the College of Technology, a student must fulfill the following criteria:

1. Complete a minimum of 60 credits.
2. Possess a minimum grade average of 2.00 in all work attempted at the University of Montana-Missoula and a minimum grade of C- in all classes that count toward major, minor or general education requirements.
3. Complete the specialized degree requirements of his or her specific program.
4. Complete the following related subject area of core collegiate-level courses:
 1. **Communication:** the ability to formulate and adapt messages to a variety of audiences through written, verbal, and nonverbal processes. To ensure all graduates have developed skills in the area of communication, students must successfully demonstrate competency in one of the following writing courses: WTS 101, WTS 115, or other approved writing course. Furthermore it is recommended that all students complete one of the following communication courses, such as COM 150S, COM 160A, or other approved courses to further develop understanding of human communication processes
 2. **Computation:** the ability to complete basic algebraic manipulations and achieve mathematical literacy. To ensure all graduates have achieved computational literacy, students must demonstrate competency in MAT 100 or a higher number mathematics course.
 3. **Human Relations:** the ability to analyze social problems and structure, ethical norms of professions and society, human behavior, or human values systems. To ensure all graduates have explored dimensions in human relations, students must demonstrate competency in one of the following courses: COM 150S, COM 210E, CRT 122E, PSY 100S, PSY 110S, SUR 204E, or other approved ethical and human values or social sciences course.
 4. **Computer Literacy:** the ability to utilize a modern computing system including web applications and an office productivity suite to research, develop and produce information in a 21st century society. To ensure all graduates have achieved basic

technology literacy, students must demonstrate competency in one of the following: CRT 100, CRT 103T, or other approved applied computing course

5. **Professional Capstone:** the opportunity to apply skills acquired through a specialized field of study in a professional realm. To ensure all graduates the opportunity to apply specialized skills in a professional environment, it is recommended student complete a program-related internship, field experience, capstone project, or professional certification activity.

Associate of Arts

A total of 60 credits is required for graduation with an Associate of Arts (A.A.) degree. The minimum grade average for graduation is 2.00 in courses taken on the traditional letter grade (A F) basis. To receive an Associate of Arts degree all students must complete successfully all the general education requirements for a baccalaureate degree, except for the Upper-Division Writing Proficiency Assessment.

Bachelor Degrees

A total of 120 credits is required for graduation with a bachelor degree; except a greater number is required in teacher education programs, pharmacy, physical therapy and the Bachelor of Applied Science. See the School of Pharmacy and Allied Health Sciences section of this catalog.

Students may elect to earn two or more bachelor degrees. Those deciding to earn two or more degrees must complete all the requirements of the majors for each degree. In addition, students must earn for each degree a minimum of 30 credits beyond the number required for the first degree. The degrees may be earned concurrently or at different times.

Upper-Division Requirement

All students must complete a minimum of 39 credits in courses numbered 300 and above to meet graduation requirements for the first baccalaureate degree. Upper division credits transferred from other four year institutions will count toward the 39 credit requirement.

Residency Requirements for Degrees/Certificates

University of Montana credit is the credit earned in any course which has been approved to be listed in The University of Montana-Missoula catalog and which has been approved for offering by the department chair and dean of the school or college in which the course is taught. University of Montana-Missoula credit may be offered at any location.

Requirements for College of Technology Certificate of Completion and Associate of Applied Science Degree

A minimum of 51% of the required number of credits must be earned from The University of Montana-Missoula

Requirements for the Associate of Arts Degree

A minimum of 30 credits of the required number must be earned from The University of Montana-Missoula.

Requirements for the First Bachelor Degree

A first bachelor degree is defined as any bachelor degree earned by a student who has not previously earned a bachelor degree from The University of Montana-Missoula. Thus, the requirements below also apply to any student who previously earned a bachelor degree at another institution and now is seeking a bachelor degree from The University of Montana-Missoula.

a) A minimum of 30 credits of the required number must be earned from The University of Montana-Missoula. b) A minimum of 30 credits of the required number must be earned in study on The University of Montana-Missoula campus.

c) Of the last 45 credits required for the degree, at least 30 of these must be earned from The University of Montana- Missoula. Students attending elsewhere on a University approved exchange may be exempt from this requirement with the prior written approval of their major department chair or dean.

Requirements for the Second Bachelor Degree

In regard to residency requirements, a second bachelor degree is defined as any bachelor degree earned by a student who previously had earned a bachelor degree from The University of Montana-Missoula.

A minimum of 20 credits of the required 30 credits must be earned in study on The University of Montana-Missoula campus.

Credit Maximums

The amount of credit which may be counted toward the minimum credit requirements for the bachelor and associate of arts degrees is limited in certain areas:

Maximum Credit Applicable:

	For Bachelor Degree	For AA Degree
Technical courses (B.A.S. candidates may present more)	0	0
(course number suffix of T, up to 10 credits may be requested by petition) Career Skills	0	0
Study Skills Courses (AASC 101, C&I 160)	2	2
Physical education activity/skills courses	4	4
(DRAM 385, HHP 100-179, MS 203 and 315) R.O.T.C. courses	12	12
(contracted students may present 24 credits) Performance music (Mus 100A, 115A, 116A, 117A, 215, 216, 218)	6	6
(Music majors and minors may present more) Ensemble music (Mus 107A-110,A 113A-114A and 150A)	8	8
(Music majors and minors may present more) Credit/No Credit credits	18	18
Omnibus credits	15	13
Internship credits in 198, 298, 398, and 498	6	6
Correspondence credits	6	6

Credits attempted in these areas which are beyond the maximum applicable will remain on the students' permanent records but cannot be used toward graduation.

Grade Average Requirement

A minimum grade average of 2.00 in all work attempted at The University of Montana-Missoula is required for graduation.

Graduation with Honors or High Honors

Students will be awarded their certificates, associate of applied science, and bachelor degrees with honors if they receive the recommendation of their major department or school and the faculty of The University of Montana-Missoula. At the time of graduation they must have a 3.40 or higher grade average in the following four areas:

1. All work attempted at The University of Montana- Missoula.
2. The combination of all work attempted at The University of Montana-Missoula and all other work, including failing grades, transferred to this University.
3. All work attempted in the major field at The University of Montana-Missoula.
4. The combination of all work attempted in the major field at The University of Montana-Missoula and all other work in the major field, including failing grades, transferred to this University.

Students will be awarded their certificates, associate of applied science, and bachelor degrees with high honors if they have the recommendations mentioned above and, at the time of graduation, have a 3.70 or higher grade average in the four areas listed.

In the School of Law, the grade average for honors is computed on law credits only.

Accreditation

The University of Montana-Missoula is accredited by the Northwest Association of Schools and Colleges. Many of the professional schools and departments have special accreditation as well.

The following table provides detailed information on these special accreditations:

College of Arts & Sciences	Chemistry	BS, MS, PhD	American Chemical Society (ACS)
College of Arts & Sciences	Computer Science	BS	Accreditation Board for Engineering and Technology (ABET) - Computing Accreditation Commission (CAC)
College of Arts & Sciences	Psychology, Clinical	PhD	American Psychological Association
College of Arts & Sciences	School Psychology	PhD	National Association of School Psychologists
School of Business Administration	Accounting	BS, MAcct	Association to Advance Collegiate Schools of Business (AACSB-International)
School of Business Administration	Business	BS, MBA	Association to Advance Collegiate Schools of Business (AACSB-International)
College of Technology	Food Service Management	AAS	American Culinary Federation Educational Institute (ACFEI)
College of Technology	Nursing	AAS, AS	Montana State Board of Nursing
College of Technology	Paralegal Studies	AAS	American Bar Association (ABA)
College of Technology	Pharmacy Technology	Certificate	American Society of Health System Pharmacists

			(ASHSP)
College of Technology	Respiratory Therapy Technology	AAS	Committee for Accreditation of Respiratory Care (CoARC w/ CAAHEP)
College of Technology	Surgical Technology	AAS	Commission on Accreditation of Allied Health Education Programs (CAAHEP)
College of Education and Human Sciences	Athletic Training	BS	Commission on Accreditation of Allied Health Education (CAATE)
College of Education and Human Sciences	Educational Leadership and Counseling	MA, Counselor Ed; and School Counseling	Council for Accreditation of Counseling and Related Educational Programs (CACREP)
College of Education and Human Sciences	Communication Science and Disorders	MS in Speech-Language Pathology	American Speech Language Association-Council on Academic Accreditation (ASHA)
College of Education and Human Sciences	Education	BA, MEd, EdS,	National Council for Accreditation of Teacher Education (NCATE); Montana Board of Public Education
College of Education and Human Sciences	Co-Teach Preschool, Institute for Educational Research and Service	n/a	National Association for the Education of Young Children (NAEYC)
College of Visual and Performing Arts	Art & Media Arts	BA, BFA, MA, MFA	National Association of Schools of Art and Design (NASAD)
College of Visual and Performing Arts	Theater & Dance	BA, BFA, MA, MFA	National Association of Schools of Theater (NAST)
College of Visual and Performing Arts	Music	BA, BM, BME, MM	National Association of Schools of Music (NASM)
College of Forestry and Conservation	Forest Resources Management	BS	Society of American Foresters (SAF)
College of Forestry and Conservation	Recreation Management	BS	National Recreation and Park Association/American Association for Leisure and Recreation (NRPA/AALR)
School of Journalism	Journalism	BA	Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)
School of Law	Law	JD	American Bar Association (ABA) American Association of Law Schools (AALS)
College of Health Professions and Biomedical Sciences	Pharmacy	PharmD	American Council of Pharmacy Education (ACPE)
College of Health Professions and Biomedical Sciences	Public Health	MPH	Council on Education for Public Health (CEPH)
College of Health Professions and Biomedical Sciences	Physical Therapy	DPT	Commission on Accreditation in Physical Therapy Education (CAPTE)
College of Health Professions and Biomedical Sciences	Social Work	BA	Council on Social Work Education (CSWE)
College of Health Professions and Biomedical Sciences	Social Work	MSW	Council on Social Work Education (CSWE)
The University of Montana	Department of Laboratory Animal Resources	n/a	Association for the Assessment and Accreditation of Laboratory Animal Care International (AAALAC)

Under construction.

Contacts, Calendar and Reserved Rights - The University of Montana - Missoula

Contacts

The University of Montana Home Page	http://www.umt.edu
Enrollment Services/Orientation	(406) 243 6266
Business Services	(406) 243 2223
College of Technology	(406) 243 7882 (In Montana, 1 800 542 6882)
Disability Services TDD	(406) 243 2243
University Villages	(406) 243 6030
Financial Aid	(406) 243 5373
Graduate School	(406) 243 2572

Registrar	(406) 243 2995
Residence Halls	(406) 243 2611
University Switchboard	(406) 243 0211

Reserved Rights

The right is reserved to change any of the rules and regulations of the University at any time including those relating to admission, instruction and graduation. The right to withdraw curricula and specific courses, alter course content, change the calendar, and to impose or increase fees similarly is reserved. All such changes are effective at such times as the proper authorities determine and may apply not only to prospective students but also to those who already are enrolled in the University.

The 2009-2010 Calendar

Listing Important Dates and Deadlines may be viewed via the following URL: http://events.umt.edu/?calendar_id=27&upcoming=upcoming&

The Montana University System

The following Strategic Plan was adopted by the Board of Regents October 19, 2001.

Mission

The Mission of the Montana University System is to serve students through the delivery of high quality, accessible postsecondary educational opportunities, while actively participating in the preservation and advancement of Montana's economy and society.

Vision

We will prepare students for success by creating an environment of ideas and excellence that nurtures intellectual, social, economic, and cultural development. We will hold academic quality to be the prime attribute of our institutions, allocating human, physical, and financial resources appropriate to our educational mission. We will encourage scientific development and technology transfer, interactive information systems, economic development and lifelong learning. We will protect academic freedom, practice collegiality, encourage diversity, foster economic prosperity, and be accountable, responsive, and accessible to the people of Montana.

Goals

The following five goals and subordinate objectives will guide the Montana University System in moving toward realization of its vision for the future of higher education in Montana.

1. **To provide a stimulating, responsive and effective environment for student learning, student living, and academic achievement.**
 1. To assure adequate campus policies to protect academic freedom and promote the free exchange of ideas while requiring pre- and post-tenure evaluation of faculty performance and systematic program review that reflect the Regents' priority on student learning.
 2. To offer academic programs and services focused around approved campus missions and consistent with available resources.
 3. To foster an environment that attracts and retains high quality faculty and staff.
 4. To improve rates of student retention and degree completion across the Montana University System.
 5. To develop, maintain at/near state-of-the-art condition Montana University System facilities, technology and infrastructure and to coordinate the use of capacities and resources across all MUS institutions.
 6. To ensure student readiness for higher education and validate student competencies for graduation.
2. **To make a high quality, affordable higher education experience available to all qualified citizens who wish to further their education and training.**
 1. To identify or seek creative funding alternatives that will expand public and private resources.
 2. To make sure that every academically qualified individual has an opportunity to receive the benefits of higher education without financial or social barriers.
 3. To expedite student progress toward degree objectives in order to reduce time to degree (and related costs) and maintain affordability for the widest range of students.
3. **To deliver higher education services in a manner that is efficient, coordinated, and highly accessible.**
 1. To operate as a unified system of higher education and increase productivity through effective planning, assessment, collaboration and resource sharing.
 2. To increase student access to Montana University System programs through coordinated statewide delivery and expanded use of technology.
 3. To increase the coordination of academic resources to improve student progress toward degree.
 4. To promote diversity with special attention to Montana's Native American populations.
4. **To be responsive to market, employment, and economic development needs of the state and the nation.**
 1. To offer programs and services consistent with the changing market and employment needs of the state and nation.
 2. To encourage basic research and technology transfer to contribute to the economic development of the State of Montana.
 3. To promote the full spectrum of higher education needs and opportunities in two-year, four-year, graduate and professional education.

4. To make the Montana University System more accessible and responsive to businesses, government and other constituents.
5. **To improve the support for and understanding of the Montana University System as a leading contributor to the state's economic success and social and political well being.**
 1. To improve and expand the communication and outreach of the Montana University System to constituents, communities and policy makers.
 2. To meet constituents' expectations for accountability through responsible stewardship of resources.
 3. To expand community involvement, service and outreach initiatives at the campus level.
 4. To partner with state government, our congressional delegation, K-12 education, tribal and local governments, labor and business leaders to preserve and improve the economy of Montana.

The University of Montana

Mission

The University of Montana capitalizes on its unique strengths to create knowledge, provide an active learning environment for students, and offer programs and services responsive to the needs of Montanans. The University delivers education and training on its four campuses and through telecommunications to sites inside and outside of Montana. With public expectations on the rise, the University asks its students, faculty, and staff to do and accomplish even more than they have in the past. The dedication to education for and throughout life reflects the commitment to a service learning and community building on and off the campuses. The University enhances its programs through continuous quality review University for improvement and remains fully accountable to the citizenry through annual audits and performance evaluations.

The University of Montana - Missoula

Mission

The University of Montana-Missoula pursues academic excellence as indicated by the quality of curriculum and instruction, student performance, and faculty professional accomplishments. The University accomplishes this mission, in part, by providing unique educational experiences through the integration of the liberal arts, graduate study, and professional training with international and interdisciplinary emphases. Through its graduates, the University also seeks to educate competent and humane professionals and informed, ethical, and engaged citizens of local and global communities. Through its programs and the activities of faculty, staff, and students, The University of Montana-Missoula provides basic and applied research, technology transfer, cultural outreach, and service benefitting the local community, region, state, nation and the world.

Vision Statements

In pursuit of its mission, The University of Montana-Missoula will:

1. Educate students to become ethical persons of character and values, engaged citizens, competent professionals, and informed members of a global and technological society.
2. Increase the diversity of the students, faculty, and staff for an enriched campus culture.
3. Attain the Carnegie Commission status of Doctoral Research–Extensive University (50 or more doctorates in at least 15 fields annually) and increase funded research to \$100,000,000 annually by 2011.
4. Pursue more partnerships—especially with local communities, businesses and industries, public schools, community and tribal colleges, state and local governments and universities abroad—and expand the training and technology transfer programs to promote community and economic development.
5. Develop the capability and infrastructure for use of information technology to increase the efficiency and productivity of the campus and the state; and
6. Involve and engage the faculty, staff, students, alumni, partners, and friends of the University in institutional governance.

Equal Opportunity

The University of Montana is committed to a program of equal opportunity for education, employment and participation in University activities without regard to race, color, sex, age, religious creed, political ideas, marital or family status, physical or mental disability, national origin or ancestry, or sexual orientation.

University Officers

June 2009

Board of Regents of Higher Education

- Stephen M. Barrett (chair) - Bozeman
- Robert Barnosky (student regent) - Billings
- Todd Buchanan - Billings
- Clayton Christian (vice-chair) - Missoula

- Lynn Morrison-Hamilton (vice-chair) - Havre
- Dr. Janine Pease - Billings
- Lila Taylor - Busby
- Sheila Stearns, Commissioner of Higher Education (ex-officio)
- Denise Juneau, Superintendent of Public Instruction (ex-officio)
- Brian Schweitzer, Governor (ex-officio)

Local Executive Board

- Anne Boone - Missoula
- Bob Ream - Missoula
- Bill Woody - Missoula

Administrators

- George M. Dennison, Ph.D. - President
- Royce C. Engstrom, Ph.D. - University Provost and Vice-President for Academic Affairs
- James P. Foley - Executive Vice President
- Teresa S. Branch, Ph.D. - Vice President for Student Affairs
- David Aronofsky, J.D. - Legal Counsel
- Robert A. Durringer, M.B.A. - Vice President for Administration and Finance
- Daniel J. Dwyer, Ph.D. - Vice President for Research and Development

Academic Officers

- Sharon E. Alexander, Ed.D. - Center for Continuing Education
- Bonnie Allen, M.L.S. - Library Services
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These videos were produced by Chisel Industries for the University of Montana. To view the videos, make sure that you have enabled javascript in your web browser. Adobe Flash Player 9 is also required. You may [download it here](#).

The University of Montana- Helena College of Technology

The University of Montana - Helena College of Technology offers two-year programs in business, trades, technical and health occupations designed to meet the state's business and industry needs for technologically- skilled workers. All of the curricula are industry-approved and emphasize learning in a hands-on environment. In addition, the college offers an Associate of Science degree and Associate of Arts degree designed to transfer to four-year institutions. The college, founded in 1939, is fully accredited by the Northwest Association of Schools and Colleges, approved by the Montana State Board of Nursing, certified and licensed by the Federal Aviation Administration, and certified by the National Institute for Automotive Service Excellence.

Helena's students take a full complement of courses in mathematics, communications, computer literacy, and career development. Located in Montana's beautiful capitol city, the College offers its programs in modern classrooms, shops, and labs, both near the Capitol building and at the Helena airport. For more information, call 1-800-241-4882.

Montana Tech of The University of Montana

Founded in Butte in 1889 as the Montana School of Mines, Montana Tech has a century-old reputation as one of the finest science and engineering colleges in America. Montana Tech is repeatedly recognized year after year among the top 10% of all colleges in America. While still focusing on its original programs in minerals and energy engineering, Montana Tech has expanded its offerings to include new science, engineering, computer science, technical communication, business, and innovative health care programs all designed to meet the needs of today's rapidly changing world.

Montana Tech provides outstanding educational programs to its 2,400 students in a truly personalized setting. Students are treated as individuals and enjoy their close relationships with faculty. Current Montana Tech students come from every Montana county, 38 states and