

GENERAL EDUCATION REQUIREMENTS

Preamble

The University of Montana-Missoula's General Education Program provides a broad academic base that supports both undergraduate learning at the University of Montana-Missoula and continued learning following graduation. While the General Education Program offers students considerable flexibility in selecting courses, it has a set of common educational objectives for all students.

In accordance with the mission of the University of Montana-Missoula, these objectives are to develop competent and humane individuals who are informed, ethical, literate, and engaged citizens of local and global communities. Students should become acquainted with issues facing contemporary society, participate in the creative arts, develop an understanding of science and technology, cultivate an appreciation of the humanities, and examine the history of different American and global cultures. Upon completion of the general education requirements students should be able to articulate ideas orally and in writing, understand and critically evaluate tangible and abstract concepts, and employ mathematical and other related skills appropriate to a technologically focused society.

In summary, the General Education Program is designed to provide a high quality intellectual foundation that accommodates all UM students whether in liberal arts or professional programs. This foundation will be reinforced, expanded, and refined as students continue through their course of study. Students are encouraged to prepare for productive roles in their chosen fields by cultivating civic awareness vital to the greater community and a democratic society. The acquired skills will allow students to examine critically the human experience and achieve genuine confidence in their knowledge and abilities. For the General Education Program to accomplish its goals, students must assume primary responsibility for their growth and education.

General Education Requirements

Overview

To earn a baccalaureate degree, all students must complete successfully, in addition to any other requirements, the following General Education Requirements. Students who have completed an approved lower-division general education program at an approved Montana institution of higher education should refer to the catalog section on General Education for Transfer Students.

All General Education courses must be at least 3 credits, must be introductory and foundational, and have no more than one pre-requisite. The General Education Committee may allow exceptions for upper-division courses, courses fewer than three credits, and for courses with more than one pre-requisite, if the proposing unit can justify such an exception.

Some courses may satisfy both the "Writing Course" requirement (1.2) and one of the Groups IV through XI.

Some courses may satisfy both Group II and Group III Symbolic Systems.

Some courses may satisfy both Group IX and one of the Groups IV through VIII.

Some courses may satisfy both Group X and one of the Groups IV through VIII. No course may satisfy both Group IX and Group X.

Many of the general education courses listed below require prerequisites be met before registration. The prerequisites are listed in the individual course descriptions.

NOTE! *All courses taken to satisfy General Education Requirements must be taken for a traditional letter grade and must be passed with a grade of C- or better***.**

Students are cautioned that approved courses may change from year to year. To be used for General Education credit, a course must be listed as approved in the Class Schedule for the semester a student registers for it.

Group Letter and Description	Credits
Group I: English Writing Skills	
1. Composition course WRIT 101 or 201 (ENEX 101, WTS 101, ENEX 200) or an equivalent	3
2. One designated Writing Course 1-3	
3. Upper-Division Writing Requirement (as specified by major department)	
Group II: Mathematics	3
Group III: Modern and Classical Languages - successful completion of a second semester language (test out provisions apply). Some majors have been granted exceptions to the Modern and Classical Language requirement. The majors are listed below.	0-11
Group IV: Expressive Arts	3
Group V: Literary and Artistic Studies	3
Group VI: Historical Studies	3
Group VII: Social Sciences	3
Group VIII: Ethics and Human Values	3
Group IX: American and European Perspectives	3
Group X: Indigenous and Global Perspectives	3
Group XI: Natural Sciences - One Natural Science course must include a laboratory experience.	6
Total	28-49 ¹

¹ Some courses satisfy more than one group (see list at the end of this section).

Courses that satisfy more than one Group

Title	General Education Groups
AAST 141H Black: From Africa to Hip-Hop	Historical Studies, Cultural Intl Diversity (X)
ANTY 101H Anthro the Human Experience	Historical Studies, Cultural Intl Diversity (X)

ANTY 102H Intro to South S. East Asia	Historical Studies, Cultural Intl Diversity (X)	GRMN 340L Nature and the Environment in German Literature and Film	Lit Artistic Studies (L), Democracy and Citizenship (Y)
ANTY 103H Intro Latin American Studies	Historical Studies, Cultural Intl Diversity (X)	GRMN 351H German Culture: Beginnings to Romanticism	Historical Studies, Writing Course-Advanced, Democracy and Citizenship (Y)
ANTY 122S Race and Minorities	Social Sciences Course (S), Democracy and Citizenship (Y)	GRMN 352H Germ Culture: Romanticism to the Present	Historical Studies, Writing Course-Advanced, Democracy and Citizenship (Y)
ANTY 141H The Silk Road	Historical Studies, Cultural Intl Diversity (X)	HONR 121L Ways of Knowing	Lit Artistic Studies (L), Writing Course-Intermediate
ANTY 220S Culture Society	Social Sciences Course (S), Cultural Intl Diversity (X)	HONR 122E Ways of Knowing II	Ethical Human Values Course, Democracy and Citizenship (Y)
ANTY 241H Central Asian Culture and Civ	Historical Studies, Cultural Intl Diversity (X)	HSTA 101H American History I	Historical Studies, Democracy and Citizenship (Y)
ANTY 251H Foundations of Civilization	Historical Studies, Cultural Intl Diversity (X)	HSTA 102H American History II	Historical Studies, Democracy and Citizenship (Y)
ANTY 254H Arch Wonders of the World	Historical Studies, Writing Course-Intermediate, Cultural Intl Diversity (X)	HSTA 103H Honors American History I	Historical Studies, Democracy and Citizenship (Y)
ANTY 326E Indigenous Peoples the Ethics of Development	Ethical Human Values Course, Cultural Intl Diversity (X)	HSTA 104H Honors American History II	Historical Studies, Democracy and Citizenship (Y)
ANTY 351H Archaeology of North America	Historical Studies, Cultural Intl Diversity (X)	HSTR 101H Western Civilization I	Historical Studies, Democracy and Citizenship (Y)
ARTH 200H Art of World Civilization I	Historical Studies, Cultural Intl Diversity (X)	HSTR 102H Western Civilization II	Historical Studies, Democracy and Citizenship (Y)
ARTH 201H Art of World Civilization II	Historical Studies, Democracy and Citizenship (Y)	HSTR 103H Honors Western Civilization I	Historical Studies, Democracy and Citizenship (Y)
ARTH 250L Introduction to Art Criticism	Lit Artistic Studies (L), Writing Course-Intermediate	HSTR 104H Honors Western Civilization II	Historical Studies, Democracy and Citizenship (Y)
CHMY 305E Ethics, Literature and Writing in the Sciences	Ethical Human Values Course, Writing Course-Advanced	HSTR 230H Colonial Latin America	Historical Studies, Cultural Intl Diversity (X)
CLAS 180H Env Nat in Classical World	Historical Studies, Writing Course-Intermediate	HSTR 231H Modern Latin America	Historical Studies, Cultural Intl Diversity (X)
CLAS 251L The Epic	Lit Artistic Studies (L), Writing Course-Intermediate	HSTR 241H Central Asian Cult Civ	Historical Studies, Cultural Intl Diversity (X)
CLAS 252L Greek Drama: Politics on Stage	Lit Artistic Studies (L), Writing Course-Intermediate	HSTR 301X Ancient Greek Social History	Historical Studies, Cultural Intl Diversity (X)
CSCI 215E Social Ethical Issues in CS	Ethical Human Values Course, Writing Course-Intermediate	JPNS 150H Japanese Cult Civiliz	Historical Studies, Cultural Intl Diversity (X)
CSCI 315E Computers, Ethics, and Society	Ethical Human Values Course, Writing Course-Advanced	JRNL 100H Media History and Literacy	Historical Studies, Democracy and Citizenship (Y)
DANC 360L World Dance	Lit Artistic Studies (L), Cultural Intl Diversity (X)	LIT 110L Intro to Lit	Lit Artistic Studies (L), Writing Course-Intermediate
ENST 231H Nature and Society	Historical Studies, Writing Course-Intermediate	LIT 120L Poetry	Lit Artistic Studies (L), Writing Course-Intermediate
ENST 335L The Environmental Vision	Lit Artistic Studies (L), Writing Course-Advanced	LIT 202L The Environmental Imagination	Lit Artistic Studies (L), Writing Course-Intermediate
GH 151L Introduction to Western Humanities Antiquity	Lit Artistic Studies (L), Writing Course-Intermediate	LIT 236L Literary Histories	Lit Artistic Studies (L), Writing Course-Intermediate
GH 152L Introduction to the Humanities Medieval to Modern	Lit Artistic Studies (L), Writing Course-Intermediate	LIT 246L Genres, Themes, Approaches	Lit Artistic Studies (L), Writing Course-Intermediate
GH 161H Asian Humanities	Historical Studies, Lit Artistic Studies (L)	LIT 353L Milton	Lit Artistic Studies (L), Writing Course-Advanced
GPHY 121S Human Geography	Social Sciences Course (S), Cultural Intl Diversity (X)	MUSI 207H World Music (equiv to 307)	Historical Studies, Cultural Intl Diversity (X)
GPHY 141S Geography of World Regions	Social Sciences Course (S), Cultural Intl Diversity (X)	MUSI 301H Music History I	Historical Studies, Democracy and Citizenship (Y)

MUSI 302H Music History II	Historical Studies, Writing Course-Intermediate, Democracy and Citizenship (Y)
NASX 105H Intro Native Amer Studies	Historical Studies, Cultural Intl Diversity (X)
NASX 235X Oral/Written Trads Native Amer	Lit Artistic Studies (L), Writing Course-Intermediate, Cultural Intl Diversity (X)
NASX 239X Nat North Amer History Art	Lit Artistic Studies (L), Cultural Intl Diversity (X)
NASX 303E Ecological Perspectives in Native American Traditions	Ethical Human Values Course, Cultural Intl Diversity (X)
NASX 304E Native American Beliefs/Philos	Ethical Human Values Course, Cultural Intl Diversity (X)
PHL 101Y Introduction to Philosophy	Lit Artistic Studies (L), Democracy and Citizenship (Y)
PHL 102Y Topical Intro to Philosophy	Lit Artistic Studies (L), Democracy and Citizenship (Y)
PHL 210E Moral Philosophy	Ethical Human Values Course, Writing Course-Intermediate
PHL 241N Hist Philosophy of Science	Historical Studies, Natural Science Course (N)
PHL 317E Law and Morality	Ethical Human Values Course, Democracy and Citizenship (Y)
PSCI 210S Intro to American Government	Social Sciences Course (S), Democracy and Citizenship (Y)
RLST 232H Buddhism	Historical Studies, Cultural Intl Diversity (X)
RLST 234X Hindu Religious Traditions	Historical Studies, Cultural Intl Diversity (X)
RLST 238X Japanese Religions	Historical Studies, Cultural Intl Diversity (X)
RUSS 105H Intro to Russian Culture	Historical Studies, Democracy and Citizenship (Y)
SSEA 202X Introduction to India	Historical Studies, Cultural Intl Diversity (X)
THTR 101L Introduction to Theatre	Lit Artistic Studies (L), Democracy and Citizenship (Y)
THTR 330H Theatre History I	Historical Studies, Writing Course-Intermediate
THTR 331Y Theatre History II	Writing Course-Advanced, Democracy and Citizenship (Y)
WRIT 201 College Writing II	Writing Course-Intermediate, Writing Course-Introductory

Group I: Writing Requirements

Students must satisfy the following three requirements in order:

1. Introductory College Writing;
2. Intermediate College Writing;
3. Advanced College Writing

Introductory College Writing

Students must complete WRIT 101, WRIT 201, or an equivalent composition course with a grade of C-minus or better. Students with

Language and Composition AP scores of 4 or better are exempted from this requirement.

Entering students who are placed into WRIT 095, based on their standardized test scores, must successfully complete WRIT 095 prior to enrolling in WRIT 101 or WRIT 201. Such students may challenge their placement with specific scores from the University Writing Assessment. Entering student who place into WRIT 201 may choose to take WRIT 101 instead.

Intermediate and Advanced College Writing

To fulfill the General Education requirements for college writing students must pass one Intermediate College Writing course with a grade of C-minus or better, and also one Advanced College Writing course with a grade of C-minus or better (in this order, if possible). Students may not use the same writing course to meet both the Intermediate College Writing and the Advanced College Writing requirement. The courses satisfying the Advanced College Writing requirement differ according to the student’s major. Students should examine the course catalog for the specific courses that fulfill the writing requirements and consult with their advisor. The courses satisfying either the intermediate or the advanced writing requirements are listed in separate course catalog tables below.

Intermediate Writing Courses

The following courses are designated as Intermediate Writing Courses for this catalog year. Students are cautioned that courses may change from year to year. To be used for General Education, a course must be listed as Intermediate Writing in the catalog and in the Class Schedule for the semester a student registers for it.

Code	Title	Hours
ANTY 310	Human Variation	3
ANTY 254H	Arch Wonders of the World	3
ARTH 250L	Introduction to Art Criticism	3
BMGT 205	Professional Business Comm	3
BMGT 212	Critical Analysis for Business	3
C&I 287	Business Communications	3
CLAS 251L	The Epic	3
CLAS 252L	Greek Drama: Politics on Stage	3
CSCI 108	Interdisciplinary Computing: Practical Computational Problem Solving	3
CSCI 215E	Social & Ethical Issues in CS	3
ENST 201	Environmental Info Resources	3
ENST 231H	Nature and Society	3
FILM 320	Shakespeare and Film	3
GH 151L	Introduction to Western Humanities Antiquity	3
GH 152L	Introduction to the Humanities Medieval to Modern	3
HONR 121L	Ways of Knowing	3
HSTA 315	Early American Republic	3
HSTA 347	Voodoo, Muslim, Church: Black Religion	3
HSTA 385	Families & Children in America	3
HSTR 300	Writing For History	3
HSTR 334	Latin America: Reform & Revolution	3
HSTR 401	The Great Historians	3
IRSH 380	Topics in Irish Studies	3
JRNL 270	Reporting	3

LIT 110L	Intro to Lit	3	ENST 335L	The Environmental Vision	3
LIT 120L	Poetry	3	ENST 367	Environmental Politics & Policies	3
LIT 202L	The Environmental Imagination	3	ENST 487	Globalization, Justice & Environment	3
LIT 236L	Literary Histories	3	GEO 320	Global Water	4
LIT 246L	Genres, Themes, Approaches	3	GEO 499	Senior Thesis /Capstone	3-10
MART 300	Visions of Film	3	GH 484	Novel Ancient and Modern	3
MUSI 302H	Music History II	3	GPHY 335	Water Policy	3
NASX 280	NA Studies Rsrch Theors/Mthds	3	GPHY 433	Community Resilience	3
NASX 235X	Oral/Written Trads Native Amer	3	GPHY 499	Senior Thesis	3
NRSM 200	Nat.Resource Professional Wrtg	3	GRMN 351H	German Culture: Beginnings to Romanticism	3
PHL 210E	Moral Philosophy	3	GRMN 352H	Germ Culture: Romanticism to the Present	3
THTR 330H	Theatre History I	3	HEE 301	Meth of Secondary HE	3
WRIT 121	Intro to Technical Writing	3	HSTA 415	The Black Radical Tradition	3
WRIT 201	College Writing II	3	HSTA 417	Prayer & Civil Rights	3
WRIT 325	Science Writing	3	HSTA 461	Research in Montana History	3
Advanced Writing Courses			HSTA 471	Writing Women's Lives	3
The following courses are designated as Advanced Writing Courses for this catalog year. Students should consult with their advisor regarding the requirement specified by their major.			HSTR 400	Historical Research Seminar	3
Code	Title	Hours	HSTR 418	Britain 1500 - 1800	3
AHAT 342	Therapeutic Interventions	2	HSTR 437	US-Latin America Relations	3
ANTY 402	Quan Ethnographic Field Methds	3	JPNS 311	Jpns Clasc Lit Engl Trans	3
ANTY 408	Advanced Anthro Statistics	3	JPNS 312	Jpns Lit Medieval to Mod	3
ANTY 430	Social Anthropology	3	JRNL 340	Intermediate Audio	3
ANTY 431	Ethnographic Field Methods	3	JRNL 352	Intermediate Video Reporting and Production	3
ANTY 450	Archaeological Theory	3	JRNL 362	Feature Writing	3
ANTY 455	Artifact Analysis	3	JRNL 370	Public Affairs Reporting	3
ARTH 350	Contemp Art and Art Criticism	3	KIN 447	Analytical & Communicative Techniques	3
ARTH 434	Latin American Art	3	LING 473	Language and Culture	3
BGEN 499	Strategic Management	3	LING 484	NA Indigenous Lang & Ling	3
BIOH 462	Principles Medical Physiology	3	LIT 300	Literary Criticism	3
CHMY 305E	Ethics, Literature and Writing in the Sciences	3	LIT 304	U.S. Writers of Color	3
CLAS 399	Capstone	3	LIT 314	The American Novel	3
COMX 347	Rhetoric, Nature, and Environmentalism	3	LIT 327	Shakespeare	3
COMX 413	Communication and Conflict-Writing	3	LIT 342	Montana Writers	3
COMX 414	Communication in Personal Relationships	3	LIT 343	African American Lit	3
COMX 421	Communication in Nonprofit Organizations	3	LIT 353L	Milton	3
COMX 422	Communication and Technology	3	LIT 376	Lit & Other Disciplines	3
COMX 424	Risk, Crisis, and Communication	3	LIT 494	Seminar: Lit Capstone	3
COMX 445	Rhetorical Criticism and Theory	3	M 429	History of Mathematics	3
COMX 447	Rhetorical Contruccion of Women	3	M 499	Senior Thesis	1-12
CSCI 315E	Computers, Ethics, and Society	3	MART 450	Topics in Film/Media Studies	3
CSCI 499	Senior Thesis/Capstone	1-6	MCLG 315	Major Hispanic Authors	3
CSD 430	Senior Capstone	3	MCLG 494	Sem in Foreign Literatures	1-3
DANC 494	Junior/Senior Seminar	3	MUSI 415	Music 20th Century to Present	3
ECNS 481	Communicating Economics	3	MUSI 416	Topics in Music History	3
ECNS 488	Res Meth & Thesis Design	2	MUSI 417	Cultural Studies in Music	3
ECNS 499	Senior Thesis/Capstone	2	NASX 494	Seminar/Workshop	3
EDU 397	Methods: Teaching & Assessing	3	NRSM 465	Foundations of Restoration Ecology	3
EDEC 454	PK-3 Language Arts and Reading Methods	3	PHAR 350	Drug Info	1
ENST 382	Environmental Law	3	PHAR 550	Drug Literature Eval	3
			PHL 499	Senior Seminar	3

PHSX 330	Communicating Physics	3
PSCI 400	Adv Writing in Pol Science	1
PSYX 320	Research Methods III	3
PSYX 400	History & System in Psychology	3
PTRM 451	Tourism & Sustainability	3
PTRM 482	Wilderness & Protected Area Management	3
RUSS 494	Seminar in Russian Studies	1-3
SOCI 438	Seminar in Crime & Deviance	3
SOCI 441	Capstone: Inequal and Soc Just	3
SOCI 460	Capstone: Rural and Env Change	3
SOCI 488	Writing for Sociology	3
S W 300	Hum Behav & Soc Environ	3
THTR 331Y	Theatre History II	3
WGSS 363	Feminist Theory and Methods	3
WILD 408	Advanced Fisheries	3
WILD 470	Conserv of Wildlife Populatns	4

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:

Code	Title	Hours
M 104	Numbers as News	3
M 105	Contemporary Mathematics	3
M 115	Probability and Linear Mathematics	3
M 118	118 Mathematics for Music Enthusiasts	3
M 121	College Algebra	3
M 122	College Trigonometry	3
M 132	Numbers and Operations for Elementary School Teachers	3
M 133	Geometry and Measurement for Elementary School Teachers	3
M 151	Precalculus	4
M 162	Applied Calculus	4
M 171	Calculus I	4
M 172	Calculus II	4
M 181	Honors Calculus I	4
M 182	Honors Calculus II	4
STAT 216	Introduction to Statistics	4

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

The study of foreign language is a core component of a liberal arts education. Students must complete the first-year sequence of a language or demonstrate comparable proficiency to fulfill the General Education language requirement (test-out provisions apply).

The language requirement can be met in any of the following ways:

1. by achieving a C- or better in a second-semester language course offered at the University of Montana (see list of courses below);²
2. by achieving a grade of C- or above in a language course numbered 201 or above at the University of Montana (see list of courses below);
3. by presenting a transcript record of completion with a grade of C- or better of a second- semester (or more advanced) language course at an accredited college or university;
4. by achieving an appropriate score on a placement exam administered by the offering department;
5. by receiving verification of an appropriate level of proficiency in any other natural language in collaboration with the department of Modern and Classical Languages and Literatures. Note that the student's native language, if it is not English, can be used to fulfill this requirement.

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

- read and write if the language is classical, such as Latin or classical Greek;
- speak and aurally comprehend, if the language does not have a written tradition, such as Salish;
- 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;
- demonstrate both receptive (visual comprehension) and expressive (manual production) proficiency if the language is American Sign Language.

The courses listed below require prerequisites be met before registration. The prerequisites for the following courses are listed in the individual course descriptions.

Code	Title	Hours
ARAB		
Select one of the following:		3-5
ARAB 102	Elementary Modern Standard Arabic II	
ARAB 201	Intermediate Modern Standard Arabic I	
ARAB 202	Intermediate Modern Standard Arabic II	
ARAB 301	Adv Modern Standard Arabic I	
ARAB 302	Adv Modern Standard Arabic II	
CHIN		
Select one of the following:		3-5
CHIN 102	Elementary Chinese II	
CHIN 201	Intermediate Chinese I	
CHIN 202	Intermediate Chinese II	
CHIN 301	Advanced Chinese I	
CHIN 302	Advanced Chinese II	
CSD		
CSD 132	American Sign Language II	3
FRCH		
Select one of the following:		3-4
FRCH 102	Elementary French II	
FRCH 201	Intermediate French I	
FRCH 202	Intermediate French II	
FRCH 301	Adv Grammar/Oral Writ Exprs	
GH		
GH 191	Special Topics (Elementary Hindi I (one time only Autumn 2018))	
GRMN		
Select one of the following:		3-4
GRMN 102	Elementary German II	
GRMN 201	Intermediate German I	
GRMN 202	Intermediate German II	
GRMN 301	German: Oral and Written Expression I	
GRMN 302	German Oral & Written Expression II	
GRK		
Select one of the following:		3
GRK 102	Elementary Greek II	
GRK 201	Intermediate Greek I	
GRK 202	Intermediate Greek II	
ITLN		
ITLN 102	Elementary Italian II	4
JPNS		
Select one of the following:		4-5
JPNS 102	Elementary Japanese II	
JPNS 201	Intermediate Japanese I	
JPNS 202	Intermediate Japanese II	
JPNS 301	Advanced Japanese	
JPNS 302	Advanced Japanese	
LATN		
Select one of the following:		3
LATN 102	Elementary Latin II	
LATN 201	Intermediate Latin I	
LATN 202	Intermediate Latin II	

NASX		
NASX 142	Elementary Blackfoot II	4
RUSS		
Select one of the following:		3-4
RUSS 102	Elementary Russian II	
RUSS 201	Intermediate Russian I	
RUSS 202	Intermediate Russian II	
RUSS 301	Russian: Oral & Written Expr I	
RUSS 302	Russian: Oral and Writen Expr II	
SPNS		
Select one of the following:		3-4
SPNS 102	Elementary Spanish II	
SPNS 201	Intermediate Spanish I	
SPNS 202	Intermediate Spanish II	
SPNS 301	Spanish: Oral and Written Expr	
IRSH		
IRSH 101	Elementary Irish	8
& IRSH 102	and Elementary Irish II	

- 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 Literature's.
- International students from non English speaking countries may satisfy this requirement by presenting a TOEFL score of 580 or greater.

Group III: Exceptions to the Modern and Classical Language Requirement

The extended majors listed below have been granted exceptions to the Modern and Classical Language requirement. Students graduating in any one of these majors are not required to complete the Modern and Classical Language requirement. Students graduating with an Associate of Arts degree have also been granted an exception to the Group III requirements. Missoula College students who continue to Mountain Campus without graduating will need to complete Group III unless their declared four-year major has been granted an exception.

Accounting & Finance, BAS Applied Arts and Science, Biochemistry, Biology, Chemistry, Computer Science, Curriculum & Instruction, Ecosystem Science & Restoration, Forestry, Geoscience, Health and Human Performance, Management Information Systems, Management & Marketing, Mathematics or combined Mathematics / Computer Science or Computer Science/Mathematics, Media Arts - Bachelor of Fine Arts only (BA students take Foreign Language), Medical Laboratory Science, Microbiology, Music and Music Education, Neuroscience, Pharmacy, Parks, Tourism and Recreation Management, Physics and Astronomy (Astronomy, Computational Physics, Teaching Broadfield Science concentrations), Resource Conservation, Theatre - Bachelor of Fine Arts only (BA students take Modern and Classical Language requirement), Wildlife Biology

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.

Code	Title	Hours
ARTZ 103A	Art for Non-Majors	3
ARTZ 105A	Visual Language - Drawing	3
ARTZ 106A	Visual Language - 2-D Fndtns	3
ARTZ 108A	Visual Language - 3-D Fndtns	3
ARTZ 131A	Ceramics for Non-majors	3
ARTZ 211A	Drawing I	3
ARTZ 221A	Painting I	3
ARTZ 231A	Ceramics I	3
ARTZ 251A	Sculpture I	3
ARTZ 271A	Printmaking I	3
ARTZ 284A	Photo I-Techs and Processes	3
ARTZ 302A	Elementary School Art	2
ARTZ 394A	Seminar- Environmental Drawing	3
COMX 111A	Introduction to Public Speaking	3
COMX 217A	Oral Interpretation of Lit	3
CRWR 210A	Intro Fiction Workshop	3
CRWR 211A	Intro Poetry Workshop	3
CRWR 212A	Intro Nonfiction Workshop	3
CRWR 312A	Interm Nonfiction Workshop	3
DANC 100A	Introduction to Modern Dance	3
DANC 108A	Dance Forms	3
DANC 110A	Introduction to Ballet	3
DANC 115A	Introduction to Jazz Dance	3
DANC 129A	Dance Performance Lab I	1
DANC 130A	Introduction to Dance	3
DANC 160A	Dance Forms: Irish	2
DANC 165A	Dance Forms: African	3
DANC 170A	Dance Forms: Tribal Belly	2
DANC 200A	Contemporary Modern II	2
DANC 210A	Ballet II	2
DANC 215A	Jazz Dance II	2
DANC 220A	Creative Practice I	3
DANC 229A	Dance Performance Lab II	1
DDSN 113A	Technical Drafting	3
ENST 373A	Nature Works	3
JRNL 140A	Intro Radio/Audio Storytelling	3
MART 112A	Introduction to Film Editing	3
MART 111A	Intro to Photoshop	3
MUSI 102A	Performance Study	1-2
MUSI 108A	Orchestra: UMSO	1
MUSI 110A	Opera Theatre I	1
MUSI 111A	Singing for Non-Majors	2
MUSI 112A	Choir	1
MUSI 114A	Band: UM Concert Band	1
MUSI 122A	Percussion Ensemble: UM	1
MUSI 123A	World Percussion Ensemble	1
MUSI 131A	Jazz Ensemble I: UM Jazz Bands	1
MUSI 135A	Keyboard Skills I	1
MUSI 136A	Keyboard Skills II	1

MUSI 155A	Marching: Grizzly Marchng Band	1
MUSI 160A	Beginning Guitar	2
MUSI 162A	Chamber Ensembles I	1
MUSI 267A	Composer's Workshop	1
MUSI 304A	Sound in the Natural World	3
MUST 227A	Mtn Electroacoustic Lptp Ens I	1
THTR 102A	Introduction to Theatre Design	3
THTR 107A	Theat Prod I: Constr Crew	3
THTR 113A	Introduction to Voice Acting	3
THTR 120A	Introduction to Acting I	3
THTR 220A	Acting I	3
THTR 239A	Creative Drama/Dance: K-8	2

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.

Code	Title	Hours
ARTH 160L	Global Visual Culture	3
ARTH 250L	Introduction to Art Criticism	3
CHIN 313L	Chinese Poetry in Translation	3
CHIN 314L	Traditiona Chinese Literature	3
CLAS 155L	Survey of Greek and Roman Lit	3
CLAS 160L	Classical Mythology	3
CLAS 251L	The Epic	3
CLAS 252L	Greek Drama: Politics on Stage	3
COMX 140L	Introduction to Visual Rhetoric	3
CRWR 115L	Montana Writers Live	3
DANC 234L	Dance in Popular Movies	3
DANC 360L	World Dance	3
ENST 335L	The Environmental Vision	3
FILM 103L	Introduction to Film	3
GH 151L	Introduction to Western Humanities Antiquity	3
GH 152L	Introduction to the Humanities Medieval to Modern	3
GH 161H	Asian Humanities	3
GH 327L	Gender & Sexuality in Eng Fict	3
GH 328L	Gender Sexuality India	3
GH 351L	Exploring the Humanities	3
GH 391L	Special Topics (Goddesses (one time only Autumn 2018))	1-9
GRMN 322L	Survey of German Cinema	3

GRMN 340L	Nature and the Environment in German Literature and Film	3	ANTY 102H	Intro to South & S. East Asia	3
HONR 121L	Ways of Knowing	3	ANTY 103H	Intro Latin American Studies	3
IRSH 345L	Literature in the Irish Lang	3	ANTY 141H	The Silk Road	3
LIT 110L	Intro to Lit	3	ANTY 241H	Central Asian Culture and Civ	3
LIT 120L	Poetry	3	ANTY 251H	Foundations of Civilization	3
LIT 202L	The Environmental Imagination	3	ANTY 254H	Arch Wonders of the World	3
LIT 236L	Literary Histories	3	ANTY 351H	Archaeology of North America	3
LIT 246L	Genres, Themes, Approaches	3	ANTY 354H	Mesoamerican Prehistory	3
LIT 280L	Ecology of Literature	3	ARTH 200H	Art of World Civilization I	3
LIT 349L	Medieval Lit	3	ARTH 201H	Art of World Civilization II	3
LIT 350L	Chaucer	3	ARTH 202H	Alternative Approaches to Art History	3
LIT 353L	Milton	3	ARTH 333H	Architectural History I	3
LIT 378L	Gay and Lesbian Studies	3	ARTH 334H	Architectural History II	3
MART 101L	Intro to Media Arts	3	ARTH 433H	Ancient American Art	3
MUSI 101L	Enjoyment of Music	3	CHIN 211H	Chinese Culture and Civiliz	3
MUSI 130L	History of Jazz	3	CLAS 180H	Env & Nat in Classical World	3
MUSI 132L	History of Rock & Roll	3	CLAS 360H	Ancient Greek Civ and Culture	3
MUSI 133L	Cntry Msc:Cowbys,Opry,Nshville	3	COMX 240H	Introduction to Rhetorical Theory	3
MUSI 202L	Intro to Music Literature	3	ENST 230H	Nature and Society	3
NASX 235X	Oral/Written Trads Native Amer	3	ENST 231H	Nature and Society	3
NASX 239X	Nat North Amer History & Art	3	GH 161H	Asian Humanities	3
PHL 101Y	Introduction to Philosophy	3	GRMN 106H	Introduction to German Culture and Civilization	3
PHL 102Y	Topical Intro to Philosophy	3-4	GRMN 351H	German Culture: Beginnings to Romanticism	3
PHL 291L	Special Topics (Philosophy of Art (one time only Autumn 2018))	1-6	GRMN 352H	Germ Culture: Romanticism to the Present	3
RLST 205L	Introduction to New Testament	3	HSTA 101H/103H	American History I	4
RLST 225L	Christianity	3	HSTA 102H/104H	American History II	4
RUSS 306L	Evil and the Supernatural in Russian Literature	3	HSTA 342H	Afr Amer Hist to 1865	3
RUSS 307L	Beauty, Power and Pride in Russian Literature	3	HSTA 343H	Afr Amer Hist Since 1865	3
THTR 101L	Introduction to Theatre	3	HSTA 370H	Wmn Amer Colonial to Civil War	3
THTR 235L	Dramatic Literature	3	HSTA 371H	Wmn Amer Civil War to Present	3
WGSS 163L	Hist/Lit Persp Women	3	HSTR	Western Civilization I	4.000

Group VI: Historical Studies (H)

These courses present the historical context 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 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.

Code	Title	Hours
AAST 141H	Black: From Africa to Hip-Hop	3
AAST 208H	Discovering Africa	3
ANTY 101H	Anthro & the Human Experience	3
HSTR	Western Civilization II	4
HSTR 101H/103H	Western Civilization I	4.000
HSTR 102H/104H	Western Civilization II	4
HSTR 230H	Colonial Latin America	3
HSTR 231H	Modern Latin America	3
HSTR 240H	East Asian Civilizations	3
HSTR 241H	Central Asian Cult & Civ	3
HSTR 262H	Islamic Civil: Classical Age	3
HSTR 264H	Islamic Civ: Modrn Era	3
HSTR 291H	Special Topics (The Rise and Fall of Apartheid (one time only Autumn 2018))	1-12
HSTR 301X	Ancient Greek Social History	3
HSTR 302H	Ancient Greece	3
JPNS 150H	Japanese Cult & Civiliz	3
JRNL 100H	Media History and Literacy	3
MUSI 207H	World Music (equiv to 307)	3
MUSI 301H	Music History I	3
MUSI 302H	Music History II	3
NASX 105H	Intro Native Amer Studies	3
NASX 405H	Gndr Iss in Native Amer Stdies	3

PHL 241N	Hist & Philosophy of Science	3
PHL 363H	Ancient Greek and Roman Philosophy	3
RLST 204H	Intro to the Hebrew Bible	3
RLST 232H	Buddhism	3
RLST 238X	Japanese Religions	3
RUSS 105H	Intro to Russian Culture	3
SSEA 202X	Introduction to India	3
THTR 330H	Theatre History I	3

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

Code	Title	Hours
ANTY 122S	Race and Minorities	3
ANTY 220S	Culture & Society	3
ANTY 250S	Intro to Archaeology	3
BFIN 205S	Personal Finance	3
BGEN 105S	Introduction to Business	3
BGEN/CCS 160S	Issues in Sustainability	3
BMGT 101S	Intro to Entertainment Mgmt	3
COMX 115S	Introduction to Interpersonal Communications	3
COMX 202S	Nonverbal Communication	3
COMX 219S	Survey of Children's Comm	3
COMX 220S	Introduction to Organizational Communication	3
COUN 242S	Intimate Relationships	3
ECNS 101S	Economic Way of Thinking	3
ECNS 201S	Principles of Microeconomics	3
ECNS 202S	Principles of Macroeconomics	3
ENST 489S	Environmental Justice Issues & Solutions	3
GPHY 121S	Human Geography	3
GPHY 141S	Geography of World Regions	3
GPHY 323S	Economic Geography of Rural Areas	3
LING 270S	Intro to Linguistics	3
NRSM 121S	Nature of Montana	3
NRSM 370S	Wildland Conservation Policy/Governance	3
PSCI 210S	Intro to American Government	3
PSCI 220S	Intro to Comparative Govt	3
PSYX 100S	Intro to Psychology	3
PSYX 161S	Fund of Organizational Psych	3
PTRM 210S	Nature Tourism & Comm Rec	3
PTRM 217S	Parks & Outdoor Rec. Mgmt.	3

SOCI 101S	Introduction to Sociology	3
SOCI 130S	Soc of Alternative Religions	3
SOCI 211S	Introduction to Criminology	3
SOCI 212S	Social Issues Southeast Asia	3
SOCI 220S	Race, Gender & Class	3
SOCI 260S	Introduction to Juvenile Delinquency	3
SOCI 275S	Gender and Society	3
WGSS 263S	Social and Political Perspectives on Gender and Sexuality	3

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.

Code	Title	Hours
AHMS 270E	Medical Ethics	3
ANTY 191E	Special Topics (International Human Rights (one time only Autumn 2018))	3
ANTY 326E	Indigenous Peoples & the Ethics of Development	3
BGEN 220E	Business Ethics and Social Responsibility	3
CHMY 305E	Ethics, Literature and Writing in the Sciences	3
CLAS 365E	The Roots of Western Ethics	3
CSCI 215E	Social & Ethical Issues in CS	3
CSCI 315E	Computers, Ethics, and Society	3
EDU 407E	Ethics & Policy Issues	3
ENST 320E	Earth Ethics	3
GEO 304E	Science and Society	3
GH 389E	Placebos: The Power of Words	3
HONR 122E	Ways of Knowing II	3
HONR 320E	Research Portfolio Seminar	3
HSTR 272E	Terrorism:Viol Mod Wrld	3
HTH 475E	Legal and Ethical Issues Health and Exercise Professions	3
NASX 303E	Ecological Perspectives in Native American Traditions	3
NASX 304E	Native American Beliefs/Philos	3
NRSM 349E	Climate Change Ethics/Policy	3
NRSM 389E	Ethics Forestry & Conservation	3.000
PHAR 514E	Case Studies Pharm Ethics	3
PHL 110E	Introduction to Ethics	3

PHL 112E	Intro Ethics and Environment	3
PHL 114E	Intro to Political Ethics	3
PHL 210E	Moral Philosophy	3
PHL 317E	Law and Morality	3
PHL 321E	Philosophy & Biomedical Ethics	3
PSCI 250E	Intro to Political Theory	3
RLST 281E	Comparative Ethics	3
S W 410E	Social Work Ethics	3

Group IX: Democracy and Citizenship (Y) - Formerly American & European

These courses ground students in the ideas, institutions, and practices of democratic societies and their historical antecedents. Knowledge gained through courses in the Y perspective prepares students to understand the rights and responsibilities of engaged citizenship and to assess the characteristics, contributions, and contradictions of democratic systems.

Upon completion of a Democracy and Citizenship course, students will be able to:

1. Demonstrate informed and reasoned understanding of democratic ideas, institutions and practices, from historical and/or contemporary perspectives;
2. Analyze and evaluate the significance and complexities of engaged citizenship; and
3. Articulate the causes and consequences of key historical and/or contemporary struggles within democratic systems or their antecedents, including but not limited to those pertaining to issues of diversity, equity, and justice.

Code	Title	Hours
ANTY 122S	Race and Minorities	3
ARTH 201H	Art of World Civilization II	3
COMX 205Y	Deliberative Democracy	3
GRMN 340L	Nature and the Environment in German Literature and Film	3
GRMN 351H	German Culture: Beginnings to Romanticism	3
GRMN 352H	Germ Culture: Romanticism to the Present	3
HONR 122E	Ways of Knowing II	3
HSTA 101H/103H	American History I	4
HSTA 102H/104H	American History II	4
HSTR 101H/103H	Western Civilization I	4.000
HSTR 102H/104H	Western Civilization II	4
JRNL 100H	Media History and Literacy	3
JRNL 102Y	News Literacy	3
LSCI 210Y	Who Owns Culture? An Introduction to Copyright	3
MUSI 301H	Music History I	3
MUSI 302H	Music History II	3
PHL 101Y	Introduction to Philosophy	3
PHL 102Y	Topical Intro to Philosophy	3-4
PHL 261Y	History of Ancient Philosophy	3
PHL 262Y	History of Modern Philosophy	3

PHL 317E	Law and Morality	3
PSCI 210S	Intro to American Government	3
PTRM 141Y	National Parks and American Culture	3
RUSS 105H	Intro to Russian Culture	3
THTR 101L	Introduction to Theatre	3
THTR 331Y	Theatre History II	3

Group X: Cultural & International Diversity (X) - Formerly Indigenous and Global

These courses foster an appreciation for diverse cultures, their histories and contemporary forms, and their positions in world spheres of power and change. This includes knowledge of diverse cultures in comparative and thematic frameworks. Knowledge gained through courses in the X perspective prepares students to cultivate ways of thinking that foster an understanding of the complexities of indigenous or international cultures and global issues, past and present.

Upon completion of a course in this group, students will be able to:

1. Demonstrate an understanding of the diverse ways humans structure their social, political, and cultural lives;
2. Interpret human activities, ideas, and institutions with reference to diverse cultural, historical and geo-political perspectives and physical environments; and
3. Recognize the complexities of inter-cultural and international communications and collaborative endeavors, and relate this to the complex challenges of the 21st century.

Code	Title	Hours
AAST 141H	Black: From Africa to Hip-Hop	3
ANTY 101H	Anthro & the Human Experience	3
ANTY 102H	Intro to South & S. East Asia	3
ANTY 103H	Intro Latin American Studies	3
ANTY 133X	Food and Culture	3
ANTY 141H	The Silk Road	3
ANTY 150X	Archaeology of Yellowstone: 11,000 Years of Native Americans in Yellowstone National Park	3
ANTY 220S	Culture & Society	3
ANTY 241H	Central Asian Culture and Civ	3
ANTY 251H	Foundations of Civilization	3
ANTY 254H	Arch Wonders of the World	3
ANTY 323X	Native Peoples of Montana	3
ANTY 326E	Indigenous Peoples & the Ethics of Development	3
ANTY 330X	Peoples and Cultures of World	3
ANTY 351H	Archaeology of North America	3
ANTY 352X	Archaeology of Montana	3
ARTH 200H	Art of World Civilization I	3
CAS 140X	Addictions and Diversity	3
CCS 103X	Intro Climate Change:Sci & Soc	3
COMX 204X	International and Development Communication	3
COMX 212X	Introduction to Intercultural Communication	3
DANC 360L	World Dance	3

ECNS 217X	Issues in Economic Development	3	ASTR 131N	Planetary Astronomy	3
GPHY 121S	Human Geography	3	ASTR 132N	Stars, Galaxies, and the Universe	3
GPHY 141S	Geography of World Regions	3	BIOB 130N	Evolution and Society	3
GPHY 245X	The Middle East	3	BIOB 160N	Principles of Living Systems	3
HSTR 230H	Colonial Latin America	3	BIOB 170N	Prncpls Biological Diversity	3
HSTR 231H	Modern Latin America	3	BIOE 172N	Introductory Ecology	3
HSTR 240H	East Asian Civilizations	3	BIOM 135N	Hot Spring Micb: Yellowstone	3
HSTR 241H	Central Asian Cult & Civ	3	BIOM 250N	Microbiology for Hlth Sciences	3
HSTR 301X	Ancient Greek Social History	3	BIOO 101N	Survey MT Wildlife & Habitats	3
JPNS 150H	Japanese Cult & Civiliz	3	CHMY 121N	Introduction to General Chemistry	3
LING 375X	Linguistic Ecology and Language Endangerment	3	CHMY 141N	College Chemistry I	4
MUSI 207H	World Music (equiv to 307)	3	CHMY 143N	College Chemistry II	4
NASX 105H	Intro Native Amer Studies	3	CJUS 125N	Fund of Forensic Science	3
NASX 201X	Indian Cultr Exprssd Thru Lang	3	CSD 221N	Fundamentals of Acoustics	3
NASX 210X	Native Amer Sports & Games	3	ENSC 105N	Environmental Science	3
NASX 231X	Indig World View Perspectives	3	ERTH/CCS 303N	Weather and Climate	3
NASX 235X	Oral/Written Trads Native Amer	3	GEO 101N	Introduction to Physical Geology	3
NASX 239X	Nat North Amer History & Art	3	GEO 103N	Introduction to Environmental Geology	3
NASX 260X	Indig Community Developmnt	3	GEO 105N	Oceanography	3
NASX 303E	Ecological Perspectives in Native American Traditions	3	GEO 107N	Natural Disasters	3
NASX 304E	Native American Beliefs/Philos	3	CCS 108N	Climate Change	3
NASX 354X	Indians of MT since Rsrvtm Era	3	GPHY 111N	Intro to Physical Geography	3
PSCI 230X	Intro to International Rel	3	GPHY 311N	Biogeography	3
PTRM 345X	Sustaining Human Soc & Nat Env	3-6	NRGY 101N	Intro to Sustainable Energy	3
RLST 232H	Buddhism	3	NRSM 271N	Conservation Ecology	3
RLST 234X	Hindu Religious Traditions	3	NUTR 221N	Basic Human Nutrition	3
RLST 238X	Japanese Religions	3	PHAR 110N	Use & Abuse of Drugs	3
SSEA 202X	Introduction to India	3	PHL 241N	Hist & Philosophy of Science	3
WGSS 150X	Women's Rights and Women's Roles Around the World	3	PHSX 141N	Einstein's Relativity	3
			PHSX 205N	College Physics I	4
			PHSX 207N	College Physics II	4
			PHSX 215N	Fund of Physics w/Calc I	4
			PHSX 217N	Fund of Physics w/Calc II	4
			PSYX 250N	Fund of Biological Psychology	3
			SCN 100N	Issues in Biology	3
			SCN 175N	Integrated Physical Science I	3
			WILD 105N	Wildlife & People	3

Group XI: Natural Science (N)

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;
5. and understand the means by which analytic uncertainty is quantified and expressed in the natural sciences

Natural Science courses without a laboratory experience

Code	Title	Hours
ANTY 210N	Intro to Physical Anthropology	3
ANTY 211N	Anthropological Genetics	3

Natural Science courses with a laboratory experience

Code	Title	Hours
ANTY 213N	Physical Anthropology Lab	1
ASTR 134N	Planetary Astronomy Lab	1
ASTR 135N	Stars, Galaxies, and the Universe Lab	1
ASTR 142N	The Evolving Universe	4
BIOB 101N	Discover Biology	3
BIOB 161N	Prncpls of Living Systems Lab	1
BIOB 171N	Prncpls Biological Dvrsty Lab	2
BIOB 226N	Gen Science: Earth & Life Sci	5
BIOH 201N	Human Anat Phys I (equiv 301)	4
BIOH 202N	Human Anat and Phys I Lab	4
BIOH 211N	Human Anat Phys II (equiv 311)	4
BIOH 212N	Human Anat Phys II Lab	4
BIOO 105N	Introduction to Botany	3

CHMY 142N	College Chemistry I Lab	1
CHMY 144N	College Chemistry II Lab	1
FORS 241N	Dendrology	3
GEO 102N	Introduction to Physical Geology Lab	1
GEO 104N	Introduction to Environmental Geology Laboratory	1
GEO 106N	History of Life	3
GPHY 112N	Intro to Phys Geography Lab	1
NRSM 210N	Soils, Water and Climate	3
PHSX 206N	College Physics I Laboratory	1
PHSX 208N	College Physics II Laboratory	1
PHSX 216N	Physics Laboratory I w/Calc	1
PHSX 218N	Physics Laboratory II w/Calc	1
PHSX 225N	Gen Science: Phys & Chem Sci	5
SCN 105N	Montana Ecosystems	3
SCN 260N	The Biology of Behavior	3