# 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 upperdivision 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 |  |
| 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 and Cultural 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 ${ }^{1}$ |
| Some courses satisfy more than one group (see list at the end of this section). |  |

## Courses that satisfy more than one Group

## Title

AAST 141H Black: From Africa to Hip-Hop
ANTY 101H Anthro the Human
Experience

## General Education Groups

Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)

|  | Historical Cultural Studies, Cultural |
| :---: | :---: |
| ANTY 103H Intro Latin American Studies | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ANTY 122S Race and Minorities | Social Sciences Course (S), |
| ANTY 141H The Silk Road | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ANTY 220 S Culture Society | Social Sciences Course (S), Cultural Intl Diversity (X) |
| ANTY 241H Central Asian Culture and Civ | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ANTY 251H Foundations of Civilization | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ANTY 254H Arch Wonders of the World | Historical Cultural Studies, Writing Course-Intermediate, Cultural Intl Diversity (X) |
| ANTY 326E Indigenous Peoples the Ethics of Development | Ethical Human Values Course, Cultural Intl Diversity (X) |
| ANTY 351H Archaeology of North America | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ARTH 200H Art of World Civilization । | Historical Cultural Studies, Cultural Intl Diversity (X) |
| ARTH 201H Art of World Civilization II | Historical Cultural Studies, Democracy and Citizenship (Y) |
| ARTH 250L Introduction to Art Criticism | Lit Artistic Studies (L), Writing Course-Intermediate |
| CHMY 305E Ethics, Literature and Writing in the Sciences | Ethical Human Values Course, Writing Course-Advanced |
| CLAS 180H Env Nat in Classical World | Historical Cultural Studies, Writing Course-Intermediate |
| CLAS 251L The Epic | Lit Artistic Studies (L), Writing Course-Intermediate |
| CLAS 252L Greek Drama: Politics Stage | Lit Artistic Studies (L), Writing Course-Intermediate |
| CSCI 215E Social Ethical Issues in CS | Ethical Human Values Course, Writing Course-Intermediate |
| CSCI 315E Computers, Ethics, and Society | Ethical Human Values Course, Writing Course-Advanced |
| DANC 360L World Dance | Lit Artistic Studies (L), Cultural IntI Diversity (X) |
| ENST 231H Nature and Society | Historical Cultural Studies, Writing Course-Intermediate |
| ENST 335L The Environmental Vision | Lit Artistic Studies (L), Writing Course-Advanced |
| GH 151 L Introduction to Western Humanities Antiquity | Lit Artistic Studies (L), Writing Course-Intermediate |
| GH 152 L Introduction to the Humanities Medieval to Modern | Lit Artistic Studies (L), Writing Course-Intermediate |
| GH 161H Asian Humanities | Historical Cultural Studies, Lit Artistic Studies (L) |
| GPHY 121S Human Geography | Social Sciences Course (S), Cultural Intl Diversity (X) |
| GPHY 141S Geography of World Regions | Social Sciences Course (S), Cultural Intl Diversity (X) |

GRMN 340L Nature and the Lit Artistic Studies (L), Democracy Environment in German Literatur and Film
GRMN 351H German Culture: Beginnings to Romanticism

GRMN 352H German Culture 190 Present

HONR 121L Ways of Knowing
HONR 122E Ways of Knowing II

HSTA 101H American History I
HSTA 102H American History II

HSTA 103H Honors American History I
HSTA 104H Honors American History II
HSTR 101H Western Civilization I

HSTR 102H Western Civilization II

HSTR 103H Honors Western
Civilization I
HSTR 104H Honors Western Civilization II

HSTR 230H Colonial Latin America

HSTR 231H Modern Latin America

HSTR 241H Central Asian Cult Civ

HSTR 301X Ancient Greek Social History
JPNS 150H Japanese Cult Civiliz

JRNL 100H Media History and Literacy
LIT 110L Intro to Lit

LIT 120L Poetry
LIT 202L The Environmental Imagination
LIT 236L Literary Histories

LIT 246L Genres, Themes, Approaches
LIT 353L Milton

MCLG 100H Intro Latin American Studies
MUSI 207H World Music (equiv to 307)
and Citizenship (Y)

Historical Cultural Studies, Writing
Course-Advanced, Democracy and Citizenship (Y)
Historical Cultural Studies, Writing Course-Advanced, Democracy and Citizenship (Y)
Lit Artistic Studies (L), Writing Course-Intermediate
Ethical Human Values Course, Democracy and Citizenship ( Y ) Historical Cultural Studies, Democracy and Citizenship ( Y )
Historical Cultural Studies, Democracy and Citizenship ( Y )
Historical Cultural Studies, Democracy and Citizenship ( Y ) Historical Cultural Studies, Democracy and Citizenship ( Y ) Historical Cultural Studies, Democracy and Citizenship (Y)
Historical Cultural Studies, Democracy and Citizenship ( Y ) Historical Cultural Studies, Democracy and Citizenship ( Y ) Historical Cultural Studies, Democracy and Citizenship ( Y )
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Democracy and Citizenship (Y)
Lit Artistic Studies (L), Writing Course-Intermediate
Lit Artistic Studies (L), Writing Course-Intermediate Lit Artistic Studies (L), Writing Course-Intermediate
Lit Artistic Studies (L), Writing Course-Intermediate
Lit Artistic Studies (L), Writing Course-Intermediate
Lit Artistic Studies (L), Writing Course-Advanced
Historical Cultural Studies, Cultural Intl Diversity (X)
Historical Cultural Studies, Cultural Intl Diversity (X)

| MUSI 301H Music History I | Historical Cultural Studies, Democracy and Citizenship (Y) |
| :---: | :---: |
| MUSI 302H Music History II | Historical Cultural Studies, Writing Course-Intermediate, Democracy and Citizenship (Y) |
| NASX 105H Intro Native Amer Studies | Historical Cultural 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 Ecol Persp in Nat Amer Trad | Ethical Human Values Course, Cultural Intl Diversity (X) |
| NASX 304E Native American Beliefs/Philos | Ethical Human Values Course, Cultural Intl Diversity (X) |
| PHL 210E Moral Philosophy | Ethical Human Values Course, Writing Course-Intermediate |
| PHL 241N Hist Philosophy of Science | Historical Cultural Studies, Natural Science Course (N) |
| PSCI 210S Intro to American Government | Social Sciences Course (S), Democracy and Citizenship (Y) |
| RLST 232H Buddhism | Historical Cultural Studies, Cultural Intl Diversity (X) |
| RLST 234X Hindu Religious Traditions | Historical Cultural Studies, Cultural Intl Diversity (X) |
| RLST 238X Japanese Religions | Historical Cultural Studies, Cultural Intl Diversity (X) |
| RUSS 105H Intro to Russian Culture | Historical Cultural Studies, Democracy and Citizenship (Y) |
| SSEA 202X Introduction to India | Historical Cultural Studies, Cultural Intl Diversity (X) |
| SSEA 232H Buddhism | Historical Cultural Studies, Cultural Intl Diversity (X) |
| THTR 101L Introduction to Theatre | Lit Artistic Studies (L), Democracy and Citizenship ( Y ) |
| THTR 330H Theatre History I | Historical Cultural Studies, Writing Course-Intermediate |
| THTR 331 Y 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 Cminus 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. View details regarding this process on the transfer student admission (http://catalog.umt.edu/past-catalogs/2017-2018/academics/ admission/transfer) page of the catalog.

## 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.

| 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\& 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 |
| ECNS 433 | Economics of the Environment | 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 |
| LIT 120L | Poetry | 3 |


| LIT 202L | The Environmental Imagination | 3 |
| :--- | :--- | ---: |
| LIT 236L | Literary Histories | 3 |
| LIT 246L | Genres, Themes, Approaches | 3 |
| LSCI 391 | Special Topics | $1-9$ |
| MART 300 | Visions of Film | 3 |
| NASX 280 | NA Studies Rsrch Theors/Mthds | 3 |
| NASX 235X | Oral/Written Trads Native Amer | 3 |
| NRSM 200 | Nat.Resource Professional Wrtg | 3 |
| PHL 210E | Moral Philosophy | 3 |
| THTR 330H | Theatre History I | 3 |
| WRIT 121 | Intro to Technical Writing | 3 |
| WRIT 201 | College Writing II | 3 |
| WRIT 325 | Science Writing | 3 |

## Advanced Writing Courses

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.

| AHAT 342 | Therapeutic Interventions | 2 |
| :---: | :---: | :---: |
| ANTY 400 | History of Anthropology | 3 |
| ANTY 402 | Quan Ethnographic Field Methds | 3 |
| ANTY 408 | Advanced Anthro Statistics | 3 |
| ANTY 430 | Social Anthropology | 3 |
| ANTY 450 | Archaeological Theory | 3 |
| ANTY 451 | Cultural Resource Management | 3 |
| ANTY 455 | Artifact Analysis | 3 |
| ARTH 350 | Contemp Art and Art Criticism | 3 |
| ARTH 434 | Latin American Art | 3 |
| BGEN 499 | Strategic Management | 3 |
| BIOH 462 | Principles Medical Physiology | 3 |
| CHMY 305E | Ethics, Literature and Writing in the Sciences | 3 |
| CLAS 399 | Capstone | 3 |
| COMX 347 | Rhetoric Nature \& Environmtlsm | 3 |
| COMX 413 | Comm \& Conflict-Writing | 3 |
| COMX 414 | Comm in Personal Relationshps | 3 |
| COMX 421 | Comm in Non-Profit Organizatns | 3 |
| COMX 422 | Communication and Technology | 3 |
| COMX 424 | Risk Crisis \& Comm | 3 |
| COMX 445 | Rhetorical Criticism \& Theory | 3 |
| COMX 447 | Rhetorical Contruction of Women | 3 |
| COMX 449 | Rhetoric of Women's Activism | 3 |
| CSCI 315E | Computers, Ethics, and Society | 3 |
| CSCI 499 | Senior Thesis/Capstone | 1-6 |
| CSD 430 | Senior Capstone | 3 |
| DANC 494 | Junior/Senior Seminar | 3 |
| ECNS 481 | Communicating Economics | 3 |
| ECNS 488 | Res Meth \& Thesis Design | 2 |
| ECNS 499 | Senior Thesis/Capstone | 2 |
| EDU 397 | Methods: Teaching \& Assessing | 3 |
| EDEC 454 | PK-3 Language Arts and Reading Methods | 3 |
| ENST 382 | Environmental Law | 3 |
| ENST 335L | The Environmental Vision | 3 |


| ENST 367 | Environmental Politics \& Policies | 3 |
| :---: | :---: | :---: |
| ENST 487 | Globalization, Justice \& Environment | 3 |
| GEO 320 | Global Water | 4 |
| GEO 499 | Senior Thesis /Capstone | 3-10 |
| GH 484 | Novel Ancient and Modern | 3 |
| GPHY 335 | Water Policy | 3 |
| GPHY 433 | Cultural Ecology | 3 |
| GPHY 499 | senior thesis / capstone | 3 |
| GRMN 351H | German Culture: Beginnings to Romanticism | 3 |
| GRMN 352H | German Culture 1900-Present | 3 |
| HEE 301 | Meth of Secondary HE | 3 |
| HSTA 415 | The Black Radical Tradition | 3 |
| HSTA 417 | Prayer \& Civil Rights | 3 |
| HSTA 461 | Research in Montana History | 3 |
| HSTA 471 | Writing Women's Lives | 3 |
| HSTR 400 | Historical Research Seminar | 3 |
| HSTR 418 | Britain 1500-1800 | 3 |
| HSTR 437 | US-Latin America Relations | 3 |
| JPNS 311 | Jpns Clasc Lit Engl Trans | 3 |
| JPNS 312 | Jpns Lit Medieval to Mod | 3 |
| JRNL 340 | Intermediate Audio | 3 |
| JRNL 352 | Intermediate Video Reporting and Production | 3 |
| JRNL 362 | Feature Writing | 3 |
| JRNL 370 | Public Affairs Reporting | 3 |
| KIN 447 | Analytical \& Communicative Techniques | 3 |
| LING 473 | Language and Culture | 3 |
| LING 484 | NA Indigenous Lang \& Ling | 3 |
| LIT 300 | Literary Criticism | 3 |
| LIT 304 | U.S. Writers of Color | 3 |
| LIT 314 | The American Novel | 3 |
| LIT 327 | Shakespeare | 3 |
| LIT 342 | Montana Writers | 3 |
| LIT 343 | African American Lit | 3 |
| LIT 353L | Milton | 3 |
| LIT 376 | Lit \& Other Disciplines | 3 |
| LIT 494 | Seminar: Lit Capstone | 3 |
| M 499 | Senior Thesis | 1-12 |
| M 429 | History of Mathematics | 3 |
| MART 450 | Topics in Film/Media Studies | 3 |
| MCLG 315 | Major Hispanic Authors | 3 |
| MCLG/RUSS 494 | Sem in Foreign Literatures | 1-3 |
| MUSI 302H | Music History II | 3 |
| MUSI 415 | Music 20th Century to Present | 3 |
| MUSI 416 | Topics in Music History | 3 |
| MUSI 417 | Cultural Studies in Music | 3 |
| NASX 494 | Seminar/Workshop | 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 \& Protctd Area Mgt | 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 |
| S W 310 | S W Policy \& Services | 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:

| 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 | 3 |
| M 133 | School Teachers |  |
|  | Geometry and Measurement for | 3 |
| M 151 | Elementary School Teachers | 4 |
| M 162 | Precalculus | 4 |
| M 171 | Capplied Calculus | 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.

## ARAB

| Select one of the following: | $3-5$ |
| :--- | :--- | :--- |
| ARAB 102 Elementary Modern Standard Arabic II <br> ARAB 201 Intermediate Modern Standard Arabic I |  |



| 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 | Intro 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 | 2 |
| DANC 108A | Dance Forms | 3 |
| DANC 110A | Introduction to Ballet | 2 |
| DANC 115A | Introduction to Jazz Dance | 2 |
| DANC 129A | Dance Performance Lab I | 1 |
| DANC 130A | Introduction to Dance | 3 |
| DANC 160A | Dance Forms: Irish | 2 |
| DANC 165A | Dance Forms: African | 2 |
| 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 Electroacoustc Lptp Ens I | 1 |
| THTR 102A | Introduction to Theatre Design | 3 |
| THTR 106A | Theat Prod I: Run Crew | 1 |
| 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.

| 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 | Intro 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 |
| GRMN 322L | Survey of German Cinema | 3 |
| GRMN 340L | Nature and the Environment in German Literature and Film | 3 |
| HONR 121L | Ways of Knowing | 3 |
| IRSH 345L | Literature in the Irish Lang | 3 |
| LIT 110L | Intro to Lit | 3 |
| LIT 120L | Poetry | 3 |
| LIT 202L | The Environmental Imagination | 3 |
| LIT 236L | Literary Histories | 3 |
| LIT 246L | Genres, Themes, Approaches | 3 |
| LIT 280L | Ecology of Literature | 3 |
| LIT 349L | Medieval Lit | 3 |


| LIT 350L | Chaucer | 3 |
| :--- | :--- | :--- |
| LIT 353L | Milton | 3 |
| LIT 378L | Gay and Lesbian Studies | 3 |
| MART 101L | Intro to Media Arts | 3 |
| MUSI 101L | Enjoyment of Music | 3 |
| MUSI 130L | History of Jazz | 3 |
| MUSI 132L | History of Rock \& Roll | 3 |
| MUSI 133L | Cntry Msc:Cowbys,Opry,Nshville | 3 |
| MUSI 202L | Intro to Music Literature | 3 |
| NASX 235X | Oral/Written Trads Native Amer | 3 |
| NASX 239X | Nat North Amer History \& Art | 3 |
| RLST 205L | Introduction to New Testament | 3 |
| RLST 225L | Christianity | 3 |
| RUSS 306L | Evil and the Supernatural in Russian | 3 |
|  | Literature | 3 |
| RUSS 307L | Beauty, Power and Pride in Russian | 3 |
|  | Literature | 3 |
| THTR 101L | Introduction to Theatre | 3 |

## 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.

| AAST 141H | Black: From Africa to Hip-Hop | 3 |
| :--- | :--- | :--- |
| AAST 208H | Discovering Africa | 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 141H | The Silk Road | 3 |
| ANTY 241H | Central Asian Culture and Civ | 3 |
| ANTY 251H | Foundations of Civilization | 3 |
| ANTY 254H | Arch Wonders of the World | 3 |
| ANTY 351H | Archaeology of North America | 3 |
| ANTY 354H | Mesoamerican Prehistory | 3 |
| ARTH 200H | Art of World Civilization I | 3 |
| ARTH 201H | Art of World Civilization II | 3 |
| ARTH 202H | Alternative Approaches to Art History | 3 |
| ARTH 333H | Architectural History I | 3 |
| ARTH 334H | Architectural History II | 3 |
| ARTH 433H | Ancient American Art | 3 |
| CHIN 211H | Chinese Culture and Civiliz | 3 |


| CLAS 180H | Env \& Nat in Classical World | 3 |
| :---: | :---: | :---: |
| CLAS 360H | Ancient Greek Civ and Culture | 3 |
| COMX 240H | Intro to Rhetorical Theory | 3 |
| CSWA 262H | Islamic Civil: Classical Age | 3 |
| ENST 230H | Nature and Society | 3 |
| ENST 231 H | Nature and Society | 3 |
| GH 161H | Asian Humanities | 3 |
| GRMN 106H | Introduction to German Culture and Civilization | 3 |
| GRMN 351H | German Culture: Beginnings to Romanticism | 3 |
| GRMN 352H | German Culture 1900-Present | 3 |
| HSTA $101 \mathrm{H} / 103 \mathrm{H}$ | American History I | 4 |
| HSTA 102H/104H | American History II | 4 |
| HSTA 342H | Afr Amer Hist to 1865 | 3 |
| HSTA 343H | Afr Amer Hist Since 1865 | 3 |
| HSTA 370H | Wmn Amer Colonial to Civil War | 3 |
| HSTA 371H | Wmn Amer Civil War to Present | 3 |
| $\begin{aligned} & \text { HSTR } \\ & 101 \mathrm{H} / 103 \mathrm{H} \end{aligned}$ | Western Civilization I | 4.000 |
| $\begin{aligned} & \text { HSTR } \\ & 102 \mathrm{H} / 104 \mathrm{H} \end{aligned}$ | Western Civilization II | 4 |
| HSTR 230 H | Colonial Latin America | 3 |
| HSTR 231H | Modern Latin America | 3 |
| HSTR 241H | Central Asian Cult \& Civ | 3 |
| HSTR 262H | Islamic Civil: Classical Age | 3 |
| HSTR 264H | Islamic Civ: Modrn Era | 3 |
| 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 |
| MCLG 100H | Intro Latin American Studies | 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/SSEA 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

| 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 | 3 |
|  | Communications | 3 |
| COMX 202S | Nonverbal Communication | 3 |
| COMX 219S | Survey of Children's Comm | 3 |
| COMX 220S | Intro to Organizational Comm | 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 Conserv Pol/Govrnance | 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 275S | Gender and Society | 3 |
| WGSS 263S | Social and Political Perspectives on | 3 |
|  | Women, Men, and Sexuality | 3 |
|  |  | 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.

| AHMS 270E | Medical Ethics | 3 |
| :--- | :--- | ---: |
| ANTY 326E | Indigenous Peoples \& the Ethics of <br> Development | 3 |
| BGEN 220E | Business Ethics and Social Responsibility | 3 |
| CHMY 305E | Ethics, Literature and Writing in the <br> 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 | 3 |
| NASX 303E | Exercise Professions |  |
| NASX 304E | Native Amersp in Nat Amer Trad Beliefs/Philos | 3 |
| NRSM 449E | Climate Change Ethics/Policy | 3 |
| PHAR 514E | Case Studies Pharm Ethics | 3 |
| NRSM 389E | Ethics Forestry \& Conservation | 3 |
| PHL 110E | Introduction to Ethics | 3.000 |
| PHL 112E | Intro Ethics and Environment | 3 |
| PHL 114E | Intro to Political Ethics | 3 |
| PHL 210E | Moral Philosophy | 3 |
| PHL 321E | Philosophy \& Biomedical Ethics | 3 |
| PSCl 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.

| 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 | German Culture 1900-Present | 3 |
| HONR 122E | Ways of Knowing II | 3 |
| HSTA 101H/103H | American History I | 4 |
| HSTA 102H/104H | American History II | 4 |
| HSTR <br> 101H/103H | Western Civilization I | 4.000 |
| $\begin{aligned} & \text { HSTR } \\ & 102 \mathrm{H} / 104 \mathrm{H} \end{aligned}$ | Western Civilization II | 4 |
| JRNL 100H | Media History and Literacy | 3 |
| JRNL 102Y | News Literacy | 3 |
| LSCI $210 Y$ | 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 262 Y | History of Modern Philosophy | 3 |
| PSCI 210 S | 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 21 st century.

| 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 220 S | 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 \& Dvlpmnt Comm | 3 |
| COMX 212X | Intro to Intercultural Com | 3 |
| DANC 360L | World Dance | 3 |
| ECNS 217X | Issues in Economic Development | 3 |
| GPHY 121S | Human Geography | 3 |
| GPHY 141S | Geography of World Regions | 3 |
| GPHY 245X | The Middle East | 3 |
| HSTR 230H | Colonial Latin America | 3 |
| HSTR 231H | Modern Latin America | 3 |
| HSTR 241H | Central Asian Cult \& Civ | 3 |
| HSTR 301X | Ancient Greek Social History | 3 |
| JPNS 150H | Japanese Cult \& Civiliz | 3 |
| LING 375X | Linguistic Ecology and Language Endangerment | 3 |
| MCLG 100H | Intro Latin American Studies | 3 |
| MUSI 207H | World Music (equiv to 307) | 3 |
| NASX 105H | Intro Native Amer Studies | 3 |
| NASX 201X | Indian Cultr Exprssd Thru Lang | 3 |
| NASX 210X | Native Amer Sports \& Games | 3 |
| NASX 231X | Indig World View Perspectives | 3 |
| NASX 235X | Oral/Written Trads Native Amer | 3 |
| NASX 239X | Nat North Amer History \& Art | 3 |
| NASX 260X | Indig Community Developmnt | 3 |
| NASX 303E | Ecol Persp in Nat Amer Trad | 3 |
| NASX 304E | Native American Beliefs/Philos | 3 |
| NASX 354X | Indians of MT since Rsrvtn Era | 3 |
| PSCI 230X | Intro to International Rel | 3 |
| PTRM 345X | Sustaining Human Soc \& Nat Env | 3-6 |
| RLST/SSEA 232H | Buddhism | 3 |
| RLST 234X | Hindu Religious Traditions | 3 |
| RLST 238X | Japanese Religions | 3 |


| SSEA 202X | Introduction to India | 3 |
| :--- | :--- | :--- |
| WGSS 150X | Women's Rights and Women's Roles | 3 |
|  | Around the World |  |

## 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 |  |  |
| :--- | :--- | :--- |
| ANTY 210N | Intro to Physical Anthropology |  |
| ANTY 211N | Anthropological Genetics | 3 |
| ASTR 131N | Planetary Astronomy | 3 |
| ASTR 132N | Stars, Galaxies, and the Universe | 3 |
| BIOB 130N | Evolution and Society | 3 |
| BIOB 160N | Principles of Living Systems | 3 |
| BIOB 170N | Princpls Biological Diversity | 3 |
| BIOE 172N | Introductory Ecology | 3 |
| BIOM 135N | Hot Spring Micb: Yellowstone | 3 |
| BIOM 250N | Microbiology for Hlth Sciences | 3 |
| BIOO 101N | Survey MT WIdlife \& Habitats | 3 |
| CHMY 121N | Introduction to General Chemistry | 3 |
| CHMY 141N | College Chemistry I | 4 |
| CHMY 143N | College Chemistry II | 4 |
| CJUS 125N | Fund of Forensic Science | 3 |
| CSD 221N | Fundamentals of Acoustics | 3 |
| ENSC 105N | Environmental Science | 3 |
| ERTH/CCS 303N | Weather and Climate | 3 |
| GEO 101N | Introduction to Physical Geology | 3 |
| GEO 103N | Introduction to Environmental Geology | 3 |
| GEO 105N | Oceanography | 3 |
| GEO 107N | Natural Disasters | 3 |
| CCS 108N | Climate Change | 3 |
| GPHY 111N | Intro to Physical Geography | 3 |
| GPHY 311N | Biogeography | 3 |
| NRGY 101N | Intro to Sustainable Energy | 3 |
| NRSM 271N | Conservation Ecology | 3 |
| NUTR 221N | Basic Human Nutrition | 3 |
| PHAR 110N | Use \& Abuse of Drugs | 3 |
| PHL 241N | Hist \& Philosophy of Science | 3 |
| PHSX 141N | Einstein's Relativity | 3 |
| PHSX 205N | College Physics I | 3 |


| 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 |

## Natural Science courses with a laboratory experience

| 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 | Princpls 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 | 1 |
|  | Laboratory |  |
| 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 |

