

- ⌘ **Heavy Equipment Operation** - certificate
- ⌘ **Historic Preservation** - certificate
- ⌘ **History** - B.A., M.A., Ph.D., undergraduate minor, teacher preparation
- ⌘ **History Education** - option in B.A., History
- ⌘ **History-Political Science** - B.A.
- ⌘ **Honors College** - non-degree advising program
- ⌘ **Human and Family Development** - undergraduate minor
- ⌘ **Human Biological Sciences** - option in B.A., Biology

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I

- ⌘ **Individual Interdisciplinary Studies Program** - Ph.D.
- ⌘ **Inequality and Social Justice** - option in B.A. and M.A., Sociology
- ⌘ **Information Systems Management** - option in A.A.S., Information Technology
- ⌘ **Information Technology** - A.A.S.
- ⌘ **Inorganic Chemistry** - option in M.S. and Ph.D., Chemistry
- ⌘ **Integrative Microbiology and Biochemistry** - M.S., Ph.D.
- ⌘ **Intercultural Youth and Family Development** - M.A.
- ⌘ **Interdisciplinary Geosciences** - B.S.
- ⌘ **Interdisciplinary Studies** - M.I.S.
- ⌘ **International Business** - B.S.
- ⌘ **International Conservation and Development** - option in M.S., Resource Conservation
- ⌘ **International Development Studies** - undergraduate minor
- ⌘ **International Relations and Comparative Politics** - option in B.A., Political Science
- ⌘ **International Field Geosciences** - B.S., joint degree with University College Cork (Ireland), joint degree with Potsdam University (Germany)
- ⌘ **Irish Studies** - undergraduate minor; English

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J

- ⌘ **Japanese** - B.A., undergraduate minor
- ⌘ **Journalism** - B.A. in Journalism, M.A.

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L

- ⌘ **Latin** - option in B.A., Classics, undergraduate minor, teacher preparation
- ⌘ **Latin American Studies** - undergraduate minor
- ⌘ **Law** - J.D.
- ⌘ **Law & Business Administration** - dual degree program, J.D., M.B.A.
- ⌘ **Law & Environmental Studies** - dual degree program, J.D., M.S.
- ⌘ **Law & Public Administration** - dual degree program, J.D., M.P.A.
- ⌘ **Liberal Studies** - B.A., undergraduate minor
- ⌘ **Library Media Services** - option in M.Ed., Curriculum and Instruction; (non-teaching) undergraduate minor; teacher preparation
- ⌘ **Linguistics** - M.A.; option in B.A. and M.A., and undergraduate minor, Anthropology; option in B.A., English; option in B.A., French
- ⌘ **Literacy** - teacher preparation
- ⌘ **Literacy Education** - option in M.Ed., Curriculum and Instruction

◌ **Literature** - option in B.A. and M.A., English

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M

◌ **Management** - B.S. in Business Administration, A.A.S.

◌ **Management Information Systems** - B.S. in Business Administration

◌ **Marketing** - B.S. in Business Administration

◌ **Math Education** - option in B.A., Mathematics

◌ **Mathematics** - B.A., M.A., Ph.D., undergraduate minor, teacher preparation

◌ **Mathematical Sciences-Computer Science** - B.S.

◌ **Media Arts** - B.A., B.F.A., M.F.A.,; undergraduate minor

◌ **Medical Administrative Assisting** - option in A.A.S., Medical Information Technology

◌ **Medical Anthropology** - option in B.A., Anthropology

◌ **Medical Assisting** - A.A.S.

◌ **Medical Information Technology** - A.A.S.

◌ **Medical Reception** - certificate

◌ **Medical Technology** - B.S. in Medical Technology

◌ **Medical Transcription** - option in A.A.S., Medical Information Technology

◌ **Medicinal Chemistry** - M.S., Ph.D.

◌ **Microbial Ecology** - option in B. S. in Microbiology

◌ **Microbial Evolution and Ecology** - option in Ph.D., Integrative Microbiology and Biochemistry

◌ **Microbiology** - B.S. in Microbiology, M.S., undergraduate minor

◌ **Microbiology and Immunology** - option in Ph.D., Integrative Microbiology and Biochemistry

◌ **Military Studies** - undergraduate minor

◌ **Modern Languages and Literatures** - M.A.

◌ **Molecular Biology and Biochemistry** - option in Ph.D., Integrative Microbiology and Biochemistry

◌ **Mountain Studies** - undergraduate minor

◌ **Music** - B.A., B.M., B.M.E., M.M.; undergraduate minor, teacher preparation

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N

◌ **Native American Studies** - B.A., undergraduate minor

◌ **Natural History** - option in B.A., Biology

◌ **Natural Resource Conflict Resolution** - interdisciplinary graduate certificate

◌ **Nature-Based Tourism** - option in B.S., Parks, Tourism & Recreation Management

◌ **Network Management** - option in A.A.S., Information Technology

◌ **Neuroscience** - M.S., Ph.D.

◌ **Non-fiction** - option in M.F.A., Creative Writing

◌ **Nonprofit Administration** - undergraduate minor

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O

◌ **Organic Chemistry** - option in M.S. and Ph.D., Chemistry

◌ **Organismal Biology and Ecology** - M.S., Ph.D.

◌ **Organizational Communication** - option in B.A., Communication Studies

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P

- ⌘ **Paralegal Studies** - A.A.S.
- ⌘ **Parks, Tourism, & Recreation Management** - B.S.
- ⌘ **Performance** -option in M.M., Music
- ⌘ **Pharmaceutical Sciences** - M.S.
- ⌘ **Pharmacology** - option in B.S., Chemistry
- ⌘ **Pharmacy** - Pharm.D.
- ⌘ **Pharmacy & Business Administration** - dual degree program, Pharm.D., M.B.A.
- ⌘ **Pharmacy Technology** - certificate
- ⌘ **Philosophy** - B.A., M.A., undergraduate minor
- ⌘ **Physical Chemistry** - option in M.S. and Ph.D., Chemistry
- ⌘ **Physical Geography** - option in B.S., Geography
- ⌘ **Physical Therapy** - D.P.T.
- ⌘ **Physical Therapy and MBA** - dual degree program, D.P.T., M.B.A
- ⌘ **Physics** - B.A., undergraduate minor, teacher preparation
- ⌘ **Poetry** - option in M.F.A., Creative Writing
- ⌘ **Political Science** - B.A., M.A., undergraduate minor
- ⌘ **Political Science-History** - B.A.
- ⌘ **Practical Nursing** - A.A.S.
- ⌘ **Pre-Communication Studies** - non-degree advising program
- ⌘ **Pre-Education** - non-degree advising program
- ⌘ **Pre-Engineering** - non-degree advising program
- ⌘ **Pre-Law** - non-degree advising program
- ⌘ **Pre-Medical Sciences** - non-degree advising program
- ⌘ **Pre-Media Arts** - non-degree advising program
- ⌘ **Pre-Nursing** - non-degree advising program
- ⌘ **Pre-Professional Social Work** - A.A.S.
- ⌘ **Psychology** - B.A., M.A., Ph.D., undergraduate minor, teacher preparation
- ⌘ **Public Administration** - M.P.A., option in B.A., Political Science
- ⌘ **Public Administration and Law** - dual degree program, M.P.A., J.D
- ⌘ **Public and Community Health Sciences** - certificate; M.P.H.
- ⌘ **Public Law** - option in B.A., Political Science
- ⌘ **Pure Mathematics** - option in B.A., Mathematics

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R

- ⌘ **Radio-Television Production** - B.A. in Radio-Television
- ⌘ **Radiologic Technology** - A.A.S.
- ⌘ **Recreation Management** - M.S.
- ⌘ **Recreation Resources Management** - option in B.S. in Parks, Tourism & Recreation Management.
- ⌘ **Recreational Power Equipment** - certificate
- ⌘ **Registered Nursing** - A.S.
- ⌘ **Religious Studies** - option in B.A., Liberal Studies
- ⌘ **Research Psychology** - option in B.A., Psychology
- ⌘ **Resource Conservation** - B.S., M.S.
- ⌘ **Respiratory Care** - A.A.S.
- ⌘ **Rhetoric and Public Discourse** - option in B.A., Communication Studies
- ⌘ **Rural and Environmental Change** - option in B.A. and M.A., Sociology
- ⌘ **Russian** - B.A., undergraduate minor, teacher preparation
- ⌘ **Russian Studies** - undergraduate minor

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S

- ◌ **Sales and Marketing** - certificate.; option in A.A.S., Management
- ◌ **School Counseling** - option in M.A., Counselor Education
- ◌ **School Psychology** - Ed.S.; option in Ph.D., Psychology
- ◌ **Science, General** - Teacher preparation
- ◌ **Secondary Education** - option in M.Ed., Curriculum and Instruction
- ◌ **Social Science, Comprehensive** - teacher preparation
- ◌ **Social Work** - B.A., M.S.W.
- ◌ **Sociology** - B.A., M.A., undergraduate minor, teacher preparation
- ◌ **South and Southeast Asian Studies** - undergraduate minor, Liberal Studies
- ◌ **Spanish** - B.A., option in M.A., Modern Languages and Literatures, undergraduate minor, teacher preparation
- ◌ **Special Education** - Teacher preparation
- ◌ **Speech Language Pathology** - M.A.
- ◌ **Statistics** - option in B.A., Mathematics
- ◌ **Studio Art** - undergraduate minor
- ◌ **Surgical Technology** - A.A.S.
- ◌ **Systems Ecology** - M.S., Ph.D.

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T

- ◌ **Teaching Middle School Mathematics** - M.A.
- ◌ **Technical Communication** - post-baccalaureate certification, M.S.
- ◌ **Terrestrial** - option in B.S. Wildlife Biology, and B.S., Wildland Restoration
- ◌ **TESOL/Applied Linguistics** - certificate
- ◌ **Theatre** - B.A., B.F.A., M.A., M.F.A.; undergraduate minor, teacher preparation
- ◌ **Toxicology** - M.S., Ph.D.

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V

W

- ◌ **Welding Technology** - certificate; A.A.S.
- ◌ **Wilderness Management** - certificate
- ◌ **Wilderness Studies** - undergraduate minor
- ◌ **Wildland Fire Sciences and Management** - undergraduate minor
- ◌ **Wildland Restoration** - B.S., undergraduate minor
- ◌ **Wildlife Biology** - B.S., M.S., undergraduate minor
- ◌ **Women's and Gender Studies** - option in B.A., Liberal Studies; undergraduate minor; certificate

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General Admission Information

Advanced Placement (AP) Program/College Level Examination Program (CLEP)

College credit may be granted based on achievement in college level high school courses, provided the University has received satisfactory scores from the College Level Entrance Examination Program (CLEP) or the Advanced Placement Program (AP) examinations.

It should not be assumed that credit granted by other colleges/universities would be allowed by UM. Specific questions regarding the Advanced Placement Program should be directed to Enrollment Services-Admissions.

The University policy for awarding credit on the basis of AP/CLEP is available at: <http://admissions.umt.edu/admissions/freshman/advanced-credits>

International Baccalaureate

The University of Montana recognizes IB achievement and grants college credit provided the University has received satisfactory scores from the International Baccalaureate Program. University policy on awarding IB credit can be found at <http://admissions.umt.edu/admissions/freshman/advanced-credits>.

Foreign Language Placement

Transfer credit is not granted for high school foreign languages. Placement testing is done by the Department of Modern and Classical Languages and Literatures to determine appropriate class placement for entering students.

Immunization Requirements

Montana state law requires postsecondary students to provide proof of immunization. Students must complete the **Pre-Registration Immunization Requirements** form and return the form to the Curry Health Center prior to orientation and registration.

Registration cannot be completed without this documentation. A Pre-Registration Immunization Requirements form is sent with the admission acceptance letter. For additional information, visit <http://life.umt.edu/curry/>.

High School Pilot Program

Area high school juniors and seniors of outstanding ability can enroll in University classes under the High School Pilot Program. Students must have approval from their high school counselor/principal and parent/guardian if under age 18. High school students earn college credit, receive an early introduction to University opportunities and are able to develop skills and knowledge beyond the high school level. For more information, contact the Coordinator of the High School Pilot Program, Enrollment Services-Admissions, Lommasson Center 101, The University of Montana-Missoula, Missoula, MT 59812 or phone (406) 243-6266. For opportunities in the College of Technology, phone (406) 243-7828.

Dual Credit Program

The Dual Credit Program enables high school juniors and seniors of outstanding ability to earn college credit in certain high school courses. Students must have approval from their high school counselor/principal and parent/guardian if under age 18. For information, contact the College of Technology at (406) 243-7828.

International Student Exchange Program (ISEP)

The University of Montana is a member of the International Student Exchange Program (ISEP), which allows University of Montana students to spend a semester, a year, or a summer abroad at one of ISEP's 141 member institutions in 42 foreign countries. ISEP offers reciprocal exchanges (students pay their home tuition, room and board, and create a space for an incoming international student) and ISEP-Direct programs (students pay a program fee covering tuition, room and board through the University of Montana to ISEP). Other expenses for which the student is responsible include: books and supplies, local transportation, round-trip airfare, or personal expenses.

For information on ISEP, please contact International Programs, International Center, The University of Montana-Missoula,

Missoula, MT 59812 or phone (406) 243 2288.

National Student Exchange (NSE)

The University of Montana-Missoula participates in the National Student Exchange (NSE) program with 190 other state colleges and universities. This program offers students the opportunity to become better acquainted with different social and educational patterns in other areas of the United States. NSE encourages students to experience new life and learning styles, appreciate differing cultural perspectives, learn more about themselves and others and broaden their educational backgrounds through specialized courses or unique programs which may not be available on the home campus. Qualified students may participate in the exchange program for up to one academic year. For more information, contact the Coordinator of the National Student Exchange Program, Enrollment Services-Admissions, Lommasson Center 101, The University of Montana-Missoula, Missoula, MT 59812 or phone (406) 243-6266. Find more information at <http://umt.edu/nse>.

Special Admission Committee

A special admission committee reviews applications from students who do not meet the regular admission standards.

Enrollment Limitation

The University of Montana-Missoula may deny or condition admission, readmission, or continuing enrollment of any individual who, in the judgment of the University, presents an unreasonable risk to the safety and welfare of the campus and persons thereon. In making such judgment, the University may, among other things, take into account the individual's history and experience relative to (a) violence and destructive tendencies, (b) behavior on other college campuses, and (c) any rehabilitative therapy the individual may have undergone.

The University of Montana-Missoula adopts the following Admission Review Procedures:

The Assistant Vice President for Enrollment, the Dean of the Graduate School or the Chair of the Admissions Committees of the various professional schools at The University of Montana-Missoula shall be responsible for the administration of the Admissions Review procedures established to implement Board of Regents policy. When the responsible admissions officer has reason to believe an applicant may present an unreasonable risk to the safety and welfare of the campus and persons thereon, additional information regarding the applicant's background and experiences shall be requested. No applicant's admission may be barred automatically, solely by reason of a criminal conviction, if state supervision has terminated, or solely by reason of a youth court adjudication. The responsible admissions officer may request additional information in the following instances: (1) When an applicant has been convicted of a felony; (2) When an applicant has been adjudicated as a danger to others or to self; (3) When an applicant has been suspended or expelled for disciplinary reasons from other educational institutions, either before or after the applicant has been accepted at The University of Montana-Missoula; (4) When, on the basis of other facts, the Assistant Vice President for Enrollment or other responsible officer has reason to believe an applicant may present an unreasonable risk to the safety and welfare of the campus and persons thereon.

After obtaining additional information, the responsible admissions officer may admit the applicant or refer the application to the Admissions Review Committee for review and recommendation.

Evaluation of Transfer Credits

Evaluation of transfer credits is determined by Enrollment Services-Admissions at the time of admission. The evaluation is included in the acceptance packet and in the advising materials distributed during orientation. All college-level credits from regionally accredited colleges and universities will be accepted for transfer. Credits from colleges or universities that are candidates for regional accreditation will be accepted only after the student has successfully completed twenty semester credits at UM. Course work from unaccredited schools is not accepted or evaluated unless an individual exception is requested by the student and approved by a committee composed of the Academic Vice President, Assistant Vice President for Enrollment and the Registrar.

Enrollment Services-Admissions determines whether or not courses are college-level, the appropriate grading and credit conversion and the applicability of the transfer courses to UM's general education requirements. Transfer courses graded C-

or above will count toward general education and major, minor, option or certificate requirements. Transfer courses with grades of D or D- transfer as elective credit. The student's major department may further evaluate the applicability of transfer courses to the student's selected program of study. College-level courses which do not have an equivalent at UM will be accepted as elective credits.

Courses earned in vocational-technical courses from regionally accredited schools are not accepted in transfer toward an A.A. or baccalaureate program with the exception of the Bachelor of Applied Science degree. Students may petition their major department for acceptance of up to 10 semester credits based on vocational-technical experiences which enhance the major program. The petition form is available from the Registrar's Office. Upon approval, the petition is an agreement between the institution and the student that the credits apply toward graduation requirements provided the student retains his or her major in the same field. Should the student elect to change majors, the same procedure must be followed with the new department. This petition process may be used by students who have taken technical courses from the College of Technology. UM technical courses are designated by a course number suffix of "T."

Elective credit may be given for military courses according to the recommendations in the American Council (ACE) Service Guide. Elective credit may also be given for training programs recommended by the ACE Guide.

The University of Montana database of courses transferable from colleges and universities is available on the web at www.umt.edu. Choose "T" from the 'A-Z Index' and click on Transfer Credit Information.

Students who wish to appeal a decision regarding acceptance of transfer credit should contact Enrollment Services-Admissions to receive information on the appeal process.

Evaluation of Transfer Credit-College of Technology

College of Technology students must submit official transcripts for evaluation. If a student feels that a course taken at another institution may substitute for a specific College of Technology course, the evaluation will be done by the associate dean and the chair of the department of the equivalent course. Transfer courses graded C- or above will count toward general education requirements. Transfer courses with grades of D or D- transfer as elective credit. The student's major department may require a grade above C- to meet specific major requirements.

Western Interstate Commission for Higher Education

The Western Interstate Commission for Higher Education's Professional Student Exchange Program enables students in thirteen western states to enroll in out of state professional programs when those programs are not available in their home states. Exchange students receive preference in admission. They pay reduced levels of tuition: for most students, resident tuition in public institutions or reduced standard tuition at private schools. The home state pays a support fee to the admitting schools to help cover the cost of students' education.

The following professional programs are not available in Montana but are supported by the Montana WICHE program. They are dentistry, medicine, occupational therapy, optometry, osteopathic medicine, podiatry, public health and veterinary medicine.

The Certifying Officer for the State of Montana can be contacted for specific details about the program. WICHE Student Exchange Program, Montana University System, 2500 Broadway, Helena, MT 59620. (406)444-6570 or Fax: (406) 444-1469.

Western Undergraduate Exchange Program (WUE)

The Western Undergraduate Exchange (WUE) Scholarship program at The University of Montana-Missoula is a highly competitive academic merit based scholarship which strictly monitored. Awards are decided upon a comprehensive review of a student's cumulative G.P.A. and test scores. When undergraduate students apply and are admitted from a WUE state they are automatically considered for the WUE, if not eligible for the WUE they are reviewed for other awards. The WUE states are limited to students who are legal residents of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming. Please note: Only first time incoming freshman and new transfer students are eligible for the WUE scholarship. *Currently enrolled students not originally awarded WUE, post-*

*baccalaureate students and returning students are **not** eligible for WUE.*

The amount of the WUE scholarship will always represent the 150% of the cost of Montana resident tuition and fees. **The WUE scholarship will automatically be renewed each semester providing students follow all conditions of the WUE Scholarship.**

The conditions of the WUE Scholarship are:

- The award is in effect for four years or until completion of a bachelor's degree (120 credits) whichever comes first.
- You must maintain a 3.0 grade point average and register for at least 15 credits each consecutive term of enrollment. Please note that completion of 15 credits per semester leads to graduation within four years.
- **Tuition and fees at UM between 12 – 21 credits costs the same.** The best way to maximize your tuition dollars is by taking advantage of this cost savings during your scholarship eligibility.
- **You may not earn Montana residency for fee purposes at any unit of the Montana University System.**
- If you change your status to Distance Only or if you transfer your enrollment to the College of Technology your Western Undergraduate Exchange Scholarship will no longer apply.

To be eligible for the WUE scholarship first time incoming freshman and transfer students must apply for admission and be admitted to The University of Montana. Awarding of the WUE will occur on a space available rolling basis with priority given to those who apply before December 31st. Further details are available from the Enrollment Services-Admissions Office or by visiting <http://admissions.umt.edu>.

Student Conduct Code

The Student Conduct Code, embodying the ideals of academic honesty, integrity, human rights and responsible citizenship, governs all student conduct at The University of Montana-Missoula. Student enrollment presupposes a commitment to the principles and policies embodied in this Code. The Student Conduct Code sets forth University jurisdiction, student rights, standards of academic and general student conduct, disciplinary sanctions for breach of the standards of student conduct and procedures to be followed in adjudicating charges of both academic and general misconduct. The Vice President for Student Affairs is responsible for procedural administration of the Student Conduct Code for all general conduct. The Provost and Vice President for Academic Affairs is responsible for all academic conduct. Copies of the Student Conduct Code can be obtained from the offices of the Vice President for Student Affairs, the Provost and Vice President for Academic Affairs, Residence Life, and Associated Students of The University of Montana-Missoula (ASUM). The Student Conduct Code also can be accessed from the internet at http://life.umt.edu/vpsa/student_conduct.php.

Service members Opportunity College

The University is a member of Service members Opportunity Colleges, a consortium of over 1300 institutions pledged to be reasonable in working with service members and veterans trying to earn degrees.

Registrar's Office

Lommasson Center 201

Phone: (406) 243-2995

Fax: (406) 243-4807

General Education

Preamble

[This section of the catalog was edited after the catalog was published. Updated August 1, 2012, August 20, 2012, August 22, 2012, September 26, 2012, October 12, 2012, November 1, 2012, December 7, 2012, December 13, 2012.](#)

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

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.

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.**

<u>Group I: English Writing Skills</u>	Credits
	0-3
1. Composition course WRIT 101 or 201(ENEX 101, WTS 101, ENEX 200) or an equivalent	3
2. One designated Writing Course	0
3. Take and pass the Writing Proficiency Assessment (WPA)	1-3
4. Upper-Division Writing Requirement (as specified by major department)	
<u>Group II: Mathematics</u>	3
<u>Group III: Modern and Classical Languages or Symbolic Systems</u>	0-10 or 3-6
A two semester language sequence is the default option (test out provisions apply). Students may substitute a symbolic system sequence required by their major and approved by the General Education Committee. The list of programs granted exceptions and their alternative options are found in the listing of those majors.	
<u>Group IV: Expressive Arts</u>	3
<u>Group V: Literary and Artistic Studies</u>	3
<u>Group VI: Historical and Cultural Studies</u>	3

<u>Group VII: Social Sciences</u>	3
<u>Group VIII: Ethics and Human Values</u>	3
<u>Group IX: American and European Perspectives</u>	3
<u>Group X: Indigenous and Global Perspectives</u>	3
<u>Group XI: Natural Sciences</u>	6
One Natural Science course must include a laboratory experience.	
Total	*28-49

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

Group I: English Writing Skills

The ability to write effectively is fundamental to success in academic, professional, and civic endeavors. Specifically, a student should be able to:

Use writing to learn and synthesize new concepts;

Produce focused writing that is developed, logical, and organized;

Compose written documents that are appropriate for a given audience, purpose, and context;

Revise written documents based on constructive feedback;

Develop competence in information literacy, information technology and digital literacy;

Use discipline-specific style and citation conventions;

Demonstrate appropriate English language usage.

Students must satisfy the following four requirements **in order**:

1. Composition course WRIT 101 or 201 (ENEX 101, WTS 101, ENEX 200) or an equivalent;
2. One approved writing course;
3. The Upper-Division Writing Proficiency Assessment (WPA), to be taken between 45-70 credits;
4. The upper-division writing requirement for the major.

Composition Course All students must complete WRIT 101 or 201 (ENEX 101, WTS 101, ENEX 200), 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 are placed into WRIT 095, WRIT 101 or WRIT 201 (WTS 100D, WTS or ENEX 101, or ENEX 200) based on their standardized test scores. Students placed into WTS 100D are provided an opportunity to challenge their placement with specific scores. Students placing into WRIT 201 (ENEX 200) may choose to take WRIT 101 (ENEX 101) instead.

One Writing Course All students, unless exempted, must pass an approved writing course (chosen from the following list of approved courses) before attempting the WPA. Students are exempted from this requirement by transferring more than 27 semester credits at the time of their initial registration at the University.

Upper-Division Writing Proficiency Assessment (WPA) All students (including transfer students) who have completed the composition course requirement, the writing course requirement (unless exempted), and at least 45 semester credits must take the WPA.

The WPA consists of a two-hour proctored examination written in response to a text released two weeks prior to the examination date. The assessment is offered six times annually. Information on the assessment and copies of the text are available at:<http://www.umt.edu/udwpa>

Students must pass the WPA in order to graduate. The assessment is designed to ensure that the student is prepared for the writing required in upper-division major courses. Students are advised to satisfy the writing proficiency assessment prior to completing the upper-division writing requirement in their major.

Students should note the following:

Students must take the assessment after 45 but no later than 70 credits.

Transfer students may take the assessment concurrently with either their writing course or the writing requirement(s) in their major.

Upper-Division Writing Requirement All students must meet the approved upper-division writing requirements specified by their majors. Students should seek specific information about the upper-division writing requirements in their major in the section of the catalog where information about their chosen major is given.

Students cannot use the same writing course to meet both the approved writing course requirement and the upper-division writing requirement.

Writing Courses

The following courses are designated as **approved writing courses** for 2012-2013. Students are cautioned that approved courses may change from year to year. To be used for General Education, a course must be listed as approved in the catalog and in the Class Schedule for the semester a student registers for it.

Course #	Title
AAS 372	African American Identity
AAS 374	African American Religious Experience
AAS 450	Prayer and Civil Rights
AASC 167H	Nature and Society
ANTY 336	Myth, Ritual and Religions
ARTH 250L (ART 203L)	Introduction to Art Criticism
ARTH 434 (ART 368)	Latin American Art
BGEN 291	Business Communications(one time only designation for spring 2013)
BUS 210	Critical Analysis for Business
C&I 287	Business Communication
CLAS 251L (MCLG 251L)	The Epic
CLAS 252L (MCLG 252L)	Greek Drama: Politics on Stage
COMM 410	Communication in Personal relationships
CSCI 215E (CRT 122E)	Social & Ethical Issues
CSCI 216E (SCI 220E)	Robots, Genetic Engineering and Ethics
ECNS 433 (ECON 440)	Economics of the Environment (Environmental Economics)
HC 121L	Ways of Knowing
HSTA 103H (HIST 154H)	Honors American History I
HSTR 103H (HIST 107H)	Honors Western Civilization I
HSTR 300 (HIST 300)	The Historian's Craft
HSTR 401	The Great Historians
JOUR 270	Reporting
LIT 110L (ENLT 120L)	Introduction to Literature (Introduction to Critical Interpretation)
LIT 120L (ENLT 121L)	Poetry (Introduction to Poetry)
LIT 201 (ENLT 201)	Introduction to Literary Studies
LIT 210L (ENLT 224L)	American Literature I (American Literature to 1865)
LIT 211L (ENLT 225L)	American Literature II (American Literature: 1865 to Present)
LIT 220L (ENLT 217L)	British Literature: Medieval Renaissance
LIT 221L (ENLT 218L)	British Literature: Enlightenment to Romanticism
LIT 222L (ENLT 219L)	British Literature: Victorian to Contemporary
LS 151L/152L	Introduction to the Humanities
MCLG 252/LS 252L	Greek Drama: Politics On Stage
MUSI 302H (MUS325H)	Music History II (History of Music II)
NASX 280 (NAS 200)	Native American Studies Research Theories Methods
NASX 235 X (NAS202L)	Oral and Written Traditions of Native America
PHL 210E (PHIL 300E)	Moral Philosophy
RTV 280	Reporting for Broadcast
THTR 330H (DRAM320)	Theatre History
UNC-270	Critical Writing II
WBIO 245	Science Writing
WRIT 110 (WTS 120L)	Introduction to Literature (Introduction to Critical Interpretation)
WRIT 120L (WTS 121L)	Poetry (Introduction to Poetry)
WRIT 121 (WTS 115)	Introduction to Technical Writing (Technical Writing)
WRIT 201 (ENEX 200)	Advanced Composition
WRIT 221	Intermediate Technical Writing
WRIT 222 (FOR 220)	Technical Approach to Writing (Technical Writing)
WRIT 240E (WTS 240E)	Ethics and Rhetoric: Writing Arguments on Contemporary Issues

Upper-Division Writing Courses

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

Course #	Title
ANTY 314 (ANTH 314)	Principles of Forensic Anthropology
ANTY 400 (ANTH 400)	History of Anthropology
ANTY 402 (ANTH 448)	Quantitative Ethnographic Methods
ANTY 408 (ANTH 402)	Advanced Anthropological Statistics
ANTY 450 (ANTH 450)	Archaeological Theory (2/26/09 follow-up: MacDonald)
ANTY 451 (ANTH 451)	Cultural Resource Management
ANTY 455 (ANTH 455)	Artifact Analysis
ARTH 350 (ART 303L)	Contemporary Art and Art Criticism
ARTH 434H (ART 368H/NAS 368H)	Latin American Art
BIOE 371 (BIOL 341)	General Ecology Lab (Ecology Lab)
BIOE 428 (BIOL 366)	Freshwater Ecology
BIOO 470 (BIOL 304)	Ornithology
BIOO 475 (BIOL 306)	Mammalogy
BMGT 426 (MGMT 446)	Strategic management
BMGT 444 (MGMT 444)	Management Communications
BMGT 486	Strategic Venture Management
CHMY 302 (CHEM 334)	Chemical Literature and Scientific Writing
COMM 377	Rhetoric, Nature, Environmentalism
COMM 410	Communication in Personal Relationships
COMM 413	Communication and Conflict-Writing
COMM 421	Communication in Nonprofit Organization
COMM 422	Communication and Technology
COMM 424	Risk, Crisis and Communication
COMM 455	Rhetorical Criticism and Theory
COMM 480	The Rhetorical Construction of "Woman"
COMM 481	The Rhetoric of U.S. Women's Activism, 1960 - present
CSCI 315E	Computer Ethics and Society
CSCI 499	Senior Thesis/Project
CSD 430 & CSD 440	Senior Capstone I and II
DANC 494	Seminar/Workshop (Junior/Senior Dance Seminar)
ECNS 488-489	Research Method & Thesis Design / Senior Thesis capstone
EDU 397 (C&I 318)	Methods: PK-8 Language Arts
ENST 382 (EVST 302)	Environmental Law
ENST 335L (EVST 305L)	The Environmental Vision
ENST 367 (EVST 367)	Environmental Politics and Policy
ENST 487 (EVST 487)	Globalization, Justice and the Environment
GEO 320 (GEOS 320)	Global Water Cycle
GEO 499 (GEOS 499)	Senior Thesis/Capstone
GPHY 433 (GEOG 333)	Cultural Ecology
GPHY 335 (GEOG 335)	Water Policy
GPHY 499 (GEOG 499)	Senior Thesis/Capstone
GRMN 351H (GERM 351H)	German Culture to 1900
GRMN 352H (GERM 304H)	German Culture from 1900 to the Present
HHP 301	Instructional Strategies in Secondary Physical Education
HHP 372	Rehab of Athletic Injuries
HHP 450	Analytical and Communication Techniques
HSTA 345 (HIST 373)	The Black Radical Tradition
HSTA 418 (HIST 470)	Women and Slavery
HSTA 419 (HIST 471)	Southern Women in Black and White
HSTA 420 (AAS 420)	America Divided, 1848-1865
HSTA 455 (HIST 467)	Indians, Bison and Horse
HSTA 461	Research in Montana History
HSTA 462 (HIST 401)	Regionalism and the Rocky Mountain West
HSTA 471	Writing Women's Lives
HSTR 400	Historical Research Seminar
HSTR 414	Early Modern Britain
HSTR 418	Research Seminar: Britain in the Long Eighteenth Century
HSTR 457 (HIST 445)	World of Anna Karenina
HSTR 470 (HIST 437)	The Dynamics of Diplomacy
IS 448	Management Game
JOUR 331	Public Affairs Reporting
JOUR 333	Magazine Freelance Writing

JOUR 415	Feature Writing
JPNS 311	Classical Japanese Literature in English Translation
JPNS 312	Japanese Literature from Medieval to Modern Times
JPNS 431	Postwar Japanese Literature
LING 473	Language and Culture
LING 484	North American Indigenous Languages and Linguistics
LIT 300 (ENLT 301)	Literary Criticism (Applied Literary Criticism)
LIT 301 (ENLT 323)	Studies in Literary Forms
LIT 304 (ENLT 327)	U.S. Writers of Color (Literature by US Writers of Color)
LIT 314 (ENLT 335)	The American Novel
LIT 315 (ENLT 331)	Voices of the American Renaissance
LIT 316 (ENLT 373)	Topics in Postcolonial Studies
LIT 327 (ENLT 320)	Shakespeare
LIT 331 (ENLT 321)	Major Authors (Studies in a Major Author)
LIT 335 (ENLT 336)	Women and Literature (American Women Writers)
LIT 342 (ENLT 338)	Montana Writers (Montana Literature)
LIT 343 (ENLT 337)	African American Literature
LIT 353 (ENLT 353)	Milton
LIT 355 (ENLT 355)	British Romanticism (British Romantic Literature)
LIT 362 (ENLT 334)	Postwar Poetry
LIT 369 (ENLT 369)	Short Fiction (Advanced Studies in the Novella and Short Fiction)
LIT 373 (ENLT 371)	Literature & the Environment
LIT 375 (ENLT 322)	Literary History (Studies in Literary History)
LIT 376 (ENLT 325)	Literature and Other Disciplines (Studies in Literature and Other Disciplines: The Bible as Literature)
LIT 494 (ENLT 401)	Seminar: Literature Capstone (Capstone Seminar in Literature)
LS 495/ LIT 491	ST: Novel Ancient Modern - One time only Spring 2012 & Autumn 2012
MAR 450	Topics in Film and Media
M 499	Senior Thesis
M 429 (MATH 406)	History of Mathematics
MCLG 494	Seminar in Russian Studies
MGMT 445	Small Business Management and Strategic Planning
MUSI 415 (MUS 424)	Music of the 20th Century to the Present
MUSI 416 (MUS 436)	Topics in Music History
MUSI 417 (MUS 437)	Cultural Studies in Music
NASX 494 (NAS 494)	Reading Seminar in Native American Studies
PHAR 550	Drug Literature Evaluation
PHL 499 (PHIL 480)	Senior Seminar
PHSX 330 (PHYS 330)	Methods of Communicating Physics
PSCI 400 (PSC 400)	Advanced Writing in Political Sciences
PSYX 400 (PSYC 400)	History and Systems of Psychology
PSYX 320 (PSYC 320)	Research Methods III (Advanced Psychological Research Methods)
PTRM 451 (RECM 451)	Tourism and Sustainability
PTRM 482 (RECM 482)	Wilderness and Protected Area Management
RTV 360	Advanced Broadcast Reporting
RTV 361	Newscast Reporting and Producing
RTV 494	Senior Seminar
SOCI 441 (SOC 441)	Capstone: Inequality and Social Justice
SOCI 438 (SOC 438)	Seminar in Crime and Deviance
SOCI 460 (SOC 460)	Capstone in Rural & Environmental Change
SOCI 488 (SOC 488)	Writing for Sociology
SW 310	Social Welfare Policies and Services
THTR 331H (DRAM 321)	Theatre History II
WGS 363	Feminist Theory and Methods
WILD 408 (WBIO 408)	Advanced Fisheries Science
WILD 470 (WBIO 470)	Conservation of Wildlife Populations
WILD 497 (WBIO 497)	Senior Thesis

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, 105, 115, 121, 122, 135, 151 (MATH 107, 109, 111, 112, 117, 121, 130); or a mathematics course of 3 or more credits for which one of these is a prerequisite.
2. achieving a score of 50 or better on the CLEP College Algebra Test, the CLEP College Precalculus Test, or the CLEP College Mathematics Test.
3. passing the Mathematical Literacy Examination administered by the Department of Mathematical Sciences. To qualify to take the Mathematical Literacy Examination, a student must have achieved a score of 630 or better on the SAT Math exam or a score of 28 or better on the ACT Math exam. A student may take the Mathematical Literacy Examination only once. Further details are available from the Department of Mathematical Sciences.

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

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

Group III: Modern and Classical Language

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

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

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

Course #	Title
ARAB 101	Elementary Modern Arabic I (Elementary Standard Arabic)
ARAB 102	Elementary Modern Arabic II (Elementary Modern Standard Arabic)
CHIN 101	Elementary Chinese I
CHIN 102	Elementary Chinese II
FRCH 101 (FREN 101)	Elementary French I
FRCH 102 (FREN 102)	Elementary French II
GRMN 101 (GERM 101)	Elementary German
GRMN 102 (GERM 102)	Elementary German
GRK 101	Elementary Greek I
GRK 102	Elementary Greek II
ITLN 101 (ITAL 101)	Elementary Italian I
ITLN 102 (ITAL 102)	Elementary Italian II
JPNS 101	Elementary Japanese I
JPNS 102	Elementary Japanese II
LATN 101 (LAT 101)	Elementary Latin
LATN 102 (LAT 102)	Elementary Latin
RUSS 101	Elementary Russian I
RUSS 102	Elementary Russian II
SPNS 101 (SPAN 101)	Elementary Spanish
SPNS 102 (SPAN 102)	Elementary Spanish
*ENIR 101	Elementary Irish One
*ENIR 102	Elementary Irish Two
*ENIR 103	Elementary Irish Three

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

Students may satisfy the requirement by demonstrating equivalent skill in any of these or other languages in testing

administered by the Department of Modern and Classical Languages and Literatures.

- International students from non English speaking countries may satisfy this requirement by presenting a TOEFL score of 580 or greater, or by successful completion of ESL/LING 250 or 450, or by presenting a department approved application for degree.

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

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

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

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

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

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

Major	Symbolic Systems Course(S)
Accounting & Finance	STAT 216 (MATH 241)
Anthropology	ANTY 401 (ANTH 401) or FORS 201 (FOR 201) or STAT 216 (MATH 241) or SOCI 202 (SOC 202) or PSYX 222(PSYC 220)
Biochemistry/Health Profession Option	M171 (MATH 152), M162 (MATH 150)
Chemistry	One course in Mathematical Science at 162 (150) level or above
Communication Studies	STAT 216 (MATH 241) or PSYX 222 (PSYC 220) or SOCI 202 (SOC 202) or HHP 486
Computer Science	CSCI 131(CS 131) and CSCI 136(CS 132)
Curriculum & Instruction	M 136 (MATH 131)
Division of Biological Sciences	M 162 (MATH 150) or M171 (MATH 152)
Economics	STAT 216 (MATH 241) and either M 162 (MATH 150) or M 171 (MATH 152) or M1 72 (MATH 153)
Environmental Studies	STAT 216 (MATH 241) or SOCI 202 (SOC 202) or PSYX 222 (PSYC 220) or FORS 201 (FOR 201)
Forestry	M 162 (MATH 150)
Geography	STAT 216 (MATH 241)
Geoscience	M 162 (MATH 150) or M 171 (MATH 152)
Health and Human Performance	C&I/HHP 486 or STAT 216 (MATH 241) or PSYX 222 (PSYC 220) or SOCI 202 (SOC 202) or WBIO 210
Management Information Systems	STAT 216 (MATH 241)
Management & Marketing	STAT 216 (MATH 241)
Mathematics or combined Mathematics / Computer Science	M 171 (MATH 152), or any course for which it is a prerequisite
Music - Bachelor of Music Education Bachelor of Music in Composition/Music Technology Bachelor of Music Specialization in Instrumental Performance Bachelor of Music Specialization in Piano Performance and Pedagogy Bachelor of Music Specialization in Piano Performance	MUSI 105, 106, 140 & 141 (MUS 111, 112, 137 & 138)
Pharmacy	M162 (MATH 150) and [STAT 216 (MATH 241) or PSYX 222 (PSYC 220) or SOCI 202 (SOC 202)]
Psychology	PSYX 222 (PSYC 220) or STAT 216 (MaTH 241)
Parks, Tourism and Recreation Management	STAT 216 (MATH 241) or FOR 201 or SOCI 202 (SOC 202)
Resource Conservation	STAT216 (MATH 241) or WBIO 240 or FOR 201 or SOCI 202 (SOC 202)
Sociology	SOCI 202 (SOC 202) or PSYX 222 (PSYC 220) (for double majors) or STAT 216 (MATH 241)
Theatre Bachelor of Fine Arts (Acting Emphasis)	THTR 210, 211 & 310 (DRAM 210, 211 & 310)
Theatre Bachelor of Fine Arts (Design/Technology Emphasis)	THTR 255 & THTR 345 or 355 (DRAM 231 & 341 or 332)
Wildland Restoration	[M162 (MATH 150) or M171(MATH 152)] and [FORS 201 (FOR 201) or WILD 240 (WBIO 240) or STAT 216 (MATH 241)]
Wildlife Biology	M162 (MATH 150) or higher and WILD 240 (WBIO 240) or two Math courses 162 (150) and Higher

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

Course	Title	Pre-requisite(s)
ANTY 401 (ANTH 401)	Anthropological Data Analysis	College algebra or consent of instructor
CSCI 135 (CS 131)	Fundamentals of Computer Science I	Computer programming experience in a language such as BASIC, Pascal, C, etc.; coreq., M 095 D (MAT 100D) or consent of instr. CS 102 highly recommended asprereq. or coreq
CSCI 136 (CS 132)	Fundamentals of Computer Science II	CS 131; coreq., M151 (MATH 121) or consent of instr
C&I 486	Statistical Procedures in Education	M 115 (MATH 117) or equiv. or consent of instr
FORS 201 (FOR 201)	Forest Biometrics	M 115 (MATH 117) or M 151 (MATH 121) or equivalent
HHP 486	Statistical Procedures in Education	M 115 (MATH 117) or equiv. or consent of instr
M 136 (MATH 131)	Mathematics for K-8 Teachers II	M 135 (MATH 130)
M 162 (MATH 150)	Applied Calculus	Appropriate placement score or one of M 121, 122, or 151 (MATH 111, 112 or 121)
M 171 (MATH 152)	Calculus I	M 122 or 151 (MATH 112 or 121) or appropriate placement score
STAT 216 (MATH 241)	Statistics	M 115 (MATH 117) or consent of instructor
STAT 451 (MATH 444)	Statistical Methods	One year of college mathematics including M 115 (MATH 117) or equiv. course in probability or consent of instr.
MUSI 105 (MUS 111)	Music Theory I (Theory I)	Coreq., MUS 137
MUSI 106 (MUS112)	Music Theory II (Theory II)	MUS 111
MUSI 140 (MUS137)	Aural Perception I	Coreq., MUS 111
MUSI 141 (MUS 138)	Aural Perception II	MUS 137
MUSI 139 (MUS162)	Language of Music II	MUS 161
PSYX 222 (PSYC220)	Psychological Statistics	PSYX 100S, 120: M 115, 162, or 171 (MATH 117, 150 or 152)
SOCI 202 (SOC 202)	Social Statistics	M 115 (MATH 117) or consent of instructor
THTR 211 (DRAM211)	Voice and Speech II	THTR 210 (DRAM 210)
THTR 310 (DRAM310)	Voice and Speech III	THTR 211 (DRAM 211)
THTR 345 (DRAM341)	Flat Pattern Design and Drafting	THTR 255 (DRAM 231)
THTR 355 (DRAM332)	Computer-Aided Drafting and Computer Applications for the Theatre	THTR 255 (DRAM 231)
WBIO 240 (WILD 240)	Introduction to Biostatistics	Calculus and consent of instructor

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.

Course #	Title
ARTZ 101A (ART 101A)	Visual Language: Drawing
ARTZ 106A (ART 102A)	Visual Language: 2-D Design
ARTZ 108A (ART 103A)	Three Dimensional Fundamentals
ARTZ 131A (ART 129A)	Ceramics for Non-Majors
ARTZ 211A (ART 223)	Drawing I
ARTZ 221A (ART 240A)	Painting I
ARTZ 231A (ART 229A)	Ceramics I
ARTZ 251A (ART 235)	Sculpture I
ARTZ 271A (ART 233A)	Printmaking I
ARTZ 284A (ART 215)	Photo I - Techs and Processes
ARTZ 302A (ART 314A)	Elementary School Art
ARTZ 324A (ART 324A)	Environmental Draw Seminar
COM 160A	Oral Communication
COM 217A	Oral Interpretation of Literature
COMM 111A	Introduction to Public Speaking
DANC 100A (DAN 100A)	Modern Dance I
DANC 110A (DAN 104A)	Ballet I

DANC 115A (DAN 107A)	Jazz Dance I
DANC 118A (DAN 108A)	Dance Forms: Tap
DANC 160A (DAN 108A)	Dance Forms: Irish
DANC 165A (DAN 108A)	Dance Forms: African
DANC 170A	Dance Forms: Tribal Style Belly
DANC 200A (DAN 200A)	Modern Dance II
DANC 220A (DAN 201A)	Beginning Composition
DANC 210A (DAN 204A)	Ballet II
DANC 215A (DAN 207A)	Jazz Dance II
ENCR 210A	Introduction to Creative Writing: Fiction
ENCR 211A	Introduction to Creative Writing: Poetry
ENCR 212A	Introduction to Creative Writing: Nonfiction
ENCR 312A	Creative Writing: Nonfiction
ENST 373A (EVST 373A)	Nature Works
MAR 111A	Integrated Digital Art
MAR 112A	Intro to Non-Lin Editing
MUSI 102A (MUS 100A)	Performance Study
MUSI 108A (MUS 108A)	Orchestras: USMO (Orchestras)
MUSI 110A (MUS 113A)	Opera Theatre
MUSI 111A (MUS 118A)	Singing for Non-Majors
MUSI 112A (MUS 107A)	Choir: Chamber Choral (Choral Ensemble)
MUSI 114A (MUS 110A)	Band: UM Concert Band (Concert Bands)
MUSI 122A (MUS 150A)	Percussion Ensemble: UM (Chamber Ensembles)
MUSI 131A (MUS 114A)	Jazz Ensemble: UM Jazz Bands (UM Jazz Bands)
MUSI 135A (MUS 115A)	Keyboard Skills I (Piano In Class I)
MUSI 136A (MUS 116A)	Keyboard Skills II (Piano In Class II)
MUSI 155A (MUS 104A)	Marching: Grizzly Marching Band (Marching Band)
MUSI 160A (MUS 147A)	Beginning Guitar (Beginning Folk Guitar)
MUSI 162A (MUS 150A)	Chamber Ensembles
MUSI 267A (MUS 150A)	Composers' Workshop I
MUST 227A (MUS 150A)	Mountain Electroacoustic Laptop Ensemble I
MUSI 304A	Sound in the Natural World
R-TV 150A	Beginning Radio/Audio Storytelling
THTR 102A (DRAM 103A)	Introduction to Theatre Design
THTR 106A (DRAM 106A)	Theatre Production I: Running Crew
THTR 107A (DRAM 107A)	Theatre Production I: Construction Crew
THTR 113A	Introduction to Vocal Acting
THTR 120A (DRAM 111A)	Introduction to Acting I (Acting for Non-Majors)
THTR 121A (DRAM 112A)	Introduction to Acting II (Acting for Non-Majors II)
THTR 229A (DRAM 216A)	Production Acting I
WRIT 184A (WTS 184A)	Beginning Creative Writing: Multiple Genres
WRIT 185A (WTS 185A)	Beginning Creative Writing: Fiction
WRIT 186A (WTS 186A)	Beginning Creative Writing: Poetry

Group V: Literary and Artistic Studies (L)

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

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

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

Course #	Title
ARTH 160L (ART 100L)	Art Appreciation
ARTH 250L (ART 203L)	Introduction to Art Criticism
COM 140L	Introduction to Visual Rhetoric
DANC 234L (DAN 234L)	Dance in Cinema
DANC 360L (DAN 335L)	World Dance
ENCR 110L	Montana Writers Live!
FILM 103L (ENFM 180L)	Introduction to Film
ENST 335L (EVST 305L)	Environmental Vision

HC 121L	Ways of Knowing
LIT 110L (ENLT 120L/ WTS 120L)	Introduction to Literature (Introduction to Critical Interpretation)
LIT 120L (ENLT 121L/ WTS 121L)	Poetry (Introduction to Poetry)
LIT 210L (ENLT 224L)	American Literature I (American Literature to 1865)
LIT 211L (ENLT 225L)	American Literature II (American Literature since 1865)
LIT 220L (ENLT 217L)	British Literature: Medieval to Renaissance
LIT 221L (ENLT 218L)	British Literature: Enlightenment to Romanticism
LIT 222L (ENLT 219L)	British Literature: Victorian to Contemporary
LIT 270L (ENLT 227L)	Film and Literature (Film as Literature, Literature as Film)
LIT 342L (ENLT 338L)	Montana Writers (Montana Literature)
LIT 349L (ENLT 349L)	Medieval Literature
LIT 350L (ENLT 350L)	Chaucer
LIT 373L	Literature and the Environment
LIT 378L (ENLT 372L)	Gay and Lesbian Studies
GRMN 322L (GERM 222L)/LS 282L	The German Cinema
LS 151L	Introduction to Humanities
LS 152L	Introduction to Humanities
LS 327L	Gender and Sexuality in English Fiction
MAR 101L	Intro to Media Arts
MCLG 155L	Survey of Classical Literature
MCLG 160L	Classical Mythology
MCLG 251L	The Epic
MCLG 252L	Greek Drama: Politics on Stage
MCLG 313L	Classical Chinese Poetry in Translation
MCLG 314L	Traditional Chinese Literature (Traditional Chinese Literature in English Translation)
MCLG 332L	Introduction to Multicultural Literature in Germany
MUSI 101L (MUS 134L)	Enjoyment of Music (The Art of Western Music)
MUSI 130L (MUS 132L)	History of Jazz
MUSI 132L (MUS 133L)	History of Rock and Roll
MUSI 133L (MUS 139L)	Country Music: Cowboys, Opry and Nashville
MUSI 202L (MUS 135L)	Introduction to Music Literature
NASX 235X (NAS 202X)	Oral and Written Traditions Native Americans
RUSS 312L (RUSS 307L)/MCLG 307/LS 307L	Russian Literature II (Introduction to 19th Century Russian Literature)
RUSS 313L (RUSS 307L)/MCLG 307/LS 307L	Russian Literature III (Introduction to 20th Century Russian Literature)
THTR 101L (DRAM 101L)	Introduction to Theatre Appreciation(Theatre Appreciation)

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.

Course #	Title
AAS 161H	Introduction to African American Studies
AAS 208H/HSTR 208H (HIST 208H)	Discovering Africa
AAS 342H/HISTA 342H (AAS 262H)	African American History to 1865
AAS 343H/HISTA 343H (AAS 263H)	African American History since 1865
AASC 167H	Nature and Society
ANTY 101H (ANTH 101H)	Anthropology and the Human Experience (Introduction to Anthropology)
ANTY102H/LS 102H/SSEA 102H	Introduction to South & Southeast Asia
ANTY 133H (ANTH 103H)	Food and Culture
ANTY 141H (ANTH 106H)	The Silk Road
ANTH 251H	Foundation of Civilization
ANTY 254H (ANTH 252H)	Archaeological Wonders of the World
ANTY 351H (ANTH 351H)	Archaeology of North America
ANTY 354H (ANTH 354H)	Mesoamerican Prehistory
ARTH 200H (ART 150H)	Art of World Civilization: Ancient to Medieval Art
ARTH 201H (ART 151H)	Art of World Civilization: Early Modern to Contemporary Art
ARTH 434H (ART 368H/NAS 368H)	Latin American Art

COMM 250H	Introduction to Rhetorical Theory
ENST 230H (EVST 167H)/AASC 167H	Nature & Society
GRMN 351H (GERM 303H)	German Culture, Beginnings to 1900 (Cross listed with LS 321H, MCLG 330H)
GRMN 352H (GERM 304H)	German Culture, 1900 to the Present (Crosslisted with LS 322H, MCLG 331H)
HSTA 370H	Women in America from the Colonial Era through the Civil War
HSTA 371H (HIST 371H)	Women in America from the Civil War to the Present
HSTR 101H/103H (HIST 104H/107H)	Western Civilization I /Honors Western Civilization I (European Civilization to 1715)
HSTR 102H/104H (HIST 105H/108H)	Western Civilization II /Honors Western Civilization II (Modern Europe)
HSTA 101H/103H (HIST 151H/154H)	American History II/Honors American History I (The Americans: Conquest to Capitalism & Honors)
HSTA 102H/104H (HIST 152H/ 155H)	American History II/ Honors American History II (The Americans: 1877 to the Present)
HSTR 230H (HIST 286H)	Colonial Latin America
HSTR 231H (HIST 287H)	Modern Latin America
HSTR 301H (HIST 302H)	Ancient Greek Social History
HSTR 304H (HIST 303H)	Ancient Rome
HSTR 377H (HIST 330H)	European International Relations
HSTR 380H (HIST 331H)	Foreign Relations of the Great Powers
HSTR 374E (HIST 334H)	War, Peace, and Society
JPNS 150H (JPNS 210H)	Japanese Culture and Civil
LS 102H	Introduction to South & Southeast Asia
LS 119H	Historical Perspective on Women
LS 161H	Introduction to Asian Humanities
MCLG 100H	Introduction to Latin American Studies
MCLG 105H, RUSS 105H, LS 105H	Introduction to Russian Culture
MCLG 113H	French Cultural Identity through the Ages
MCLG 211H	Chinese Culture and Civilization
MCLG 231H	Germanic Mythology and Culture
MCLG 360H/ARTH 402H (ART 380H)/LS 340H	Ancient Greek Civilization and Culture
MUSI 207H (MUS 136H)	World Music (Music of the Worlds People)
MUSI 301H (MUS 324H)	Music History I (History of Music I)
MUSI 302H (MUS 325H)	Music History II (History of Music II)
NASX 105H (NAS 100H)	Introduction to Native American Studies
PHL 241H (PHIL 240H)	History and Philosophy of Science
RLST 204H (RELS 210H)	Introduction to the Hebrew Bible (Introduction to the Hebrew Bible/Old Testament and the History of Ancient Israel)
RLST 232H (RELS 232H)	Buddhism
RUSS 105H	Introduction to Russian Culture
THTR 330H (DRAM 320H)	Theatre History I
THTR 331H (DRAM 321H)	Theatre History II
THTR 335H (DRAM 336H /ART 336H)	Architectural History (History of Architectural Design, Pre-History to 1850)

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

Course #	Title
ANTY 122S (ANTH 102S)	Race and Minorities
ANTY 220S (ANTH 220S)	Culture and Society (Comparative Social Organization)
ANTY 250S (ANTH 250S)	Introduction to Archaeology
BGEN 105S (MIS/IS 100S)/BADM 100S	Introduction to Business (Principles of Business)
BMGT 101S (MGMT 101S)	Introduction to Entertainment Management
BMGT 340S (MGMT 340S)	Management and Organizational Behavior
COM 150S	Interpersonal Communication
COM 260S	Survey of Children's Communication
COMM 110S	Introduction to Interpersonal Communication
COMM 202S	Nonverbal Communication
COMM 230S	Organizational Communication
ECNS 101S (ECON 100S)	Economic Way of Thinking (Introduction to Political Economy)

ECNS 201S (ECON 111S)	Principles of Microeconomics (Introduction to Microeconomics)
ECNS 202S (ECON 112S)	Principles of Macroeconomics (Introduction to Macroeconomics)
ENST 489S (EVST 477S)	Environmental Justice Issues and Solutions
GPHY 121S (GEOG 101S)	Human Geography (Introduction to Human Geography)
GPHY 141S (GEOG 103S)	Geography of World Regions
GPHY 241S (GEOG 201S)	Montana
GPHY 323S (GEOG 315S)	Economic Geography of Rural Areas
LING 270S	Introduction to Linguistics
PSCI 210S (PSC 100S)	Introduction to American Government
PSCI 220S (PSC 120S)	Introduction to Comparative Government
PSYX 100S (PSY 100S/ PSYC 100S)	Introductory Psychology (Introduction to Psychology/Introductory Psychology)
PSYX 161S (PSY 110S)	Fundamentals of Organizational Psychology (Organizational Psychology)
PSYX 230S (PSYC 240S)	Developmental Psychology (Child and Adolescent Development)
PSYX 270S (PSYC 260S)	Fundamental Psychology of Learning (Fundamentals of Learning)
PSYX 280S (PSYC 265S)	Fundamentals of Memory and Cognition (Cognition)
PSYX 340S (PSYC 330S)	Abnormal Psychology
PSYX 378S (PSYC 335S)	Introduction to Clinical Psychology (Fundamentals of Clinical Psychology)
PSYX 360S (PSYC 350S)	Social Psychology
PSYX 385S (PSYC 351S)	Psychology of Personality
PTRM 110S (RECM 110S)	Introduction to Parks, Recreation & Tourism
PTRM 217S (RECM 217S)	Wildland Recreation Management
NRSM 121S (RSCN 121S)	Nature of Montana
NRSM 370S (RSCN 370S)	Wildland Conservation Policy and Governance
SOCI 101S (SOC 110S)	Introduction to Sociology (Principles of Sociology)
SOCI 130S (SOC 130S)	Sociology of Alternative Religions
SOCI 212S (SOC 212S)	Social Issues in Southeast Asia
SOCI 220S (SOC 220S)	Race, Gender, and Class
SOCI 211S (SOC 230S)	Introduction to Criminology (Criminology)
SOCI 275S (SOC 275S)/WGS 275S	Gender and Society
TASK 160S (BUS 160S)/CCS 160S	Issues in Sustainability
WGS 263S	Introduction to Women's & Gender Studies

Group VIII: Ethics and Human Values (E)

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

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

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

Course #	Title
AHMS 270E (MED 280E)	Medical Law and Ethics (Ethics in the Health Professions)
ANTY 456E	Ethics and Anthropology
ANTY 326E	Indigenous Peoples and Global Development
ANTY 403E (ANTH 403E)	Ethics and Anthropology
BGEN 320E (MGMT 320E)	Business Ethics and Social Responsibility (Business Ethics)
CCS 449E/NRSM 449E	Climate Change Ethics & Policy
CHMY 302E (CHEM 334E)	Chemical Literature and Scientific Writing
CLAS 365E	Roots of Western Ethics
CSCI 215E (CRT 122E)	Ethics and Information
CSCI 216E (SCI 220E)	Robots, Genetic Engineering, and Ethics
CSCI 315E (CS 415)	Computer, Ethics, and Society
EDU 407E (C&I 407E)	Ethics and Policy Issues
GEO 304E (GEOS 304E)	Science and Society
HC 122E	Ways of Knowing II
HC 320E	Research Portfolio Seminar
HHP 475E	Legal & Ethical Issues in the Health & Exercise Professions
HSTR 272E (HIST 226E)	Terrorism: Violence in the Modern World (Terrorism from the French Revolution to Today)
HSTR 374E (HIST 334E)	War, Peace, and Society
HSTR 384E (HIST 335E)	History of International Human Rights (International Human Rights)

HSTR 472E (HIST 460E)	Problems of Peace and Security
NASX 304E (NAS 301E)	American Indian Religion and Philosophy
NASX 303E (NAS 303E)	Ecological Perspectives of Native Americans
NRSM 449E	Climate Change Policy and Ethics
NRSM 489E (FOR 489E)	Ethics, Forestry and Conservation
PHAR 514E	CASE Studies in Pharmacy Ethics
PHL 110E (PHIL 200E)	Introduction to Ethics (Ethics: Great Traditions)
PHL 112E (PHIL 202E)	Introduction to Ethics and the Environment (Ethics and the Environment)
PHL 114E (PHIL 201E)	Introduction to Political Ethics (Political Ethics)
PHL 210E (PHIL 300E)	Moral Philosophy
PHL 321E (PHIL 421E)	Philosophy and Biomedical Ethics (Ethical Issues in Medicine)
PSCI 250E (PSC 150E)	Introduction to Political Theory
RLST 381E (RELS 381E)	Comparative Ethics
SW 410E	Ethics and the Helping Professions
WRIT 240E (WTS 240E)	Arguments and Contemporary Issues (Rhetoric and Ethics: Writing Arguments about Contemporary Issues)

Group IX: American and European Perspectives (Y)

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

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

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

Course #	Title
ANTY 122S (ANTH 102S)	Race and Minorities
ARTH 201H (ART 151H)	Art of World Civilizations II: Renaissance to Modern
ARTH 435 (ART 389H)	American Art
HC 122E	Ways of Knowing II
HSTR 101H/103H (HIST104H/107H)	Western Civilization I /Honors Western Civilization I (European Civilization to 1715)
HSTR 102H/104H (HIST105H/108H)	Western Civilization II / Honors Western Civilization II (Modern Europe)
HSTA 101H/103H (HIST151H/154H)	American History I/ Honors American History I (The Americans: Conquest to Capitalism & Honors)
HSTA 102H/104H (HIST152H/ 155H)	American History II/ Honors American History II (The Americans: 1877 to the Present)
HSTR 377H (HIST 330H)	European International Relations (European International Relations: Origins of the State System to 1870)
HSTR 380H (HIST 331H)	Foreign Relations of the Great Powers
JOUR 110Y	News Literacy
MCLG 105Y, RUSS 105Y, LS 105Y	Introduction to Russian Culture
GRMN 351H (GERM 303H/MCLG 330H/LS 321H)	German Culture to 1900 (German Culture, Beginnings to 1900)
GRMN 352H (GERM 304H/MCLG 331H/LS 322H)	German Culture, 1900 to Present
GRMN 362Y (GERM 362H/MCLG 231H/LS 221H)	Germanic Mythology and Culture
HC 122E	Ways of Knowing II
JOUR 110Y	News Literacy
LIT 222L (ENLT 219L)	British Literature: Victorian to Contemporary
MUSI 301H (MUS 324H)	Music History I (History of Music I)
MUSI 302H (MUS 325H)	Music History II (History of Music II)
PHL 261Y (PHIL 251Y)	History of Ancient Philosophy
PHL 262Y (PHIL 252Y)	History of Modern Philosophy
PSCI 210Y (PSC 100Y)	Introduction to American Government
RUSS 105H	Introduction to Russian Culture

Group X: Indigenous and Global Perspectives (X)

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

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

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

Upon completion of an Indigenous and Global Perspective course, students will be able to:

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

Course #	Title
ANTY 101H (ANTH 101H)	Anthropology and the Human Experience (Introduction to Anthropology)
ANTY 133H (ANTH 103H)	Food and Culture
ANTY 141H (ANTH 106H)	The Silk Road
ANTY 220S (ANTH 220S)	Culture & Society (Comparative Social Organization)
ANTY 251H (ANTH 251H)	Foundation of Civilization
ANTY 254H (ANTH 252H)	Archaeological Wonders of the World
ANTY 323X (ANTH 323X)	Native Peoples of Montana
ANTY 330X (ANTH 330X)	Peoples and Cultures of the World
ANTY 306X (ANTH 341X)	Contemporary Issues of American Indians
ANTY 351H (ANTH 351H)	Archaeology of North America
ANTY 352X (ANTH 352X)	Archaeology of Montana
ANTY 354H (ANTH 354H)	Mesoamerican Prehistory
ANTY 465X (ANTH 357X)	Archaeology of the Southwestern United States
ANTY 326E (ANTH 385E)	Indigenous Peoples and Global Development
ANTY 388 (ANTH 388X)	Native American Health and Healing
ARTH 200H (ART 150H)	Art of World Civilization: Ancient to Medieval Art
COMM 251X	International and Development Communication
DANC 360L (DAN 335L)	World Dance
ECNS 317X (ECON 350X)	Economic Development
GPHY 243X (GEOG 207X)	Africa
GPHY 245X (GEOG 213X)	The Middle East
HSTR 230H (HIST 286H)	Colonial Latin America
HSTR 231H (HIST 287H)	Modern Latin America
HSTR 384E (HIST 335E)	History of International Human Rights (International Human Rights)
JPNS 150H (JPNS 210H)	Japanese Culture and Civilization
LING 375X	Endangered Languages
LS 102H	Introduction to South & Southeast Asia
LS/RLST 232H (RELS 232H)	Buddhism
LS/RLST 234X (RELS 234)	Hinduism
LS/RLST 236X (RELS 236)	Chinese Religions
LS/RLST 238X (RELS 238)	Japanese Religion
MCLG 100H	Introduction to Latin American Studies
MUSI 207H (MUS 136H)	World Music (Music of the Worlds People)
NASX 105H (NAS 100H)	Introduction to Native American Studies
NASX 201X (NAS 201X)	Indian Culture as Expressed through Language
NASX 210X (NAS 210X)	Native American Sports and Games
NASX 231X (NAS 231X)	Indigenous Worldview Perspectives
NASX 235X (NAS202L)	Oral and Written Traditions of Native America
NASX 304E (NAS 301E)	American Indian Religion and Philosophy
NASX 303E (NAS 303E)	Ecological Perspectives of Native Americans
NASX 354X (NAS 324X)	Indians of Montana
NASX 475X (NAS 400X)	Tribal Sovereignty
NASX 405 (NAS 429X)	Gender Issues in Native American Studies
NASX 464X (NAS 464X/HSTA 465)	History of American Indian Affairs to 1776
NASX 465X (NAS 465X/HSTA 452)	History of American Indian Affairs in the 19th Century
NASX 466X (NAS 466X/HSTA 453)	History of Indian Affairs from 1890
PSCI 230X (PSC 130X)	Introduction to International Relations
PTRM 345X (RECM/FOR 345X)	Sustaining Human Society and the Natural Environment
SOCI 212S (SOC 212S)	Social Issues in Southeast Asia
SSEA 102H	Introduction to South & Southeast Asia

Group XI: Natural Science

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

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

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

Courses without a laboratory experience

Course #	Title
ANTY 210N (ANTH 210N)	Introduction to Physical Anthropology
ANTY 211N (ANTH 211N)	Human Genetics
ANTH 286N	Survey of the Forensic Sciences
ASTR 131N	Elementary Astronomy I
ASTR 132N	Elementary Astronomy II
BIOB 170N (BIOL 108N)	Principles of Biological Diversity (Diversity of Life)
BIOE 172N (BIOL 121N)	Introductory Ecology
BIOL 130N	Evolution and Society
BIOL 135N	Biology of Yellowstone Hot Springs
BIOM 250N (BIOL 106N)	Microbiology for Health Sciences (Elementary Medical Microbiology)
BIOO 101N (BIOL 201N)	Survey of Montana Wildlife & Habitats (Montana Wildlife)
BMED 145N	Introduction to Cancer Biology
CHMY 121N (CHEM 151N)	Intro to General Chemistry (General and Inorganic Chemistry)
CHMY 123N (CHEM 152N)	Intro to Organic and Biochem (Organic and Biological Chemistry)
CSD 221N	Fundamentals of Acoustics: Applications in Speech, Hearing & Language
ERTH 303N (GEOG 322N)/CCS 303N	Weather and Climate
ENSC 105N (EVST101N)	Environmental Science
GEO 101N (GEOS 100N)	Intro to Physical Geology (General Geology)
GEO 105N (GEOS 105N)	Oceanography
GEO 107N (GEOS 103N)	Natural Hazards (Earthquakes, Volcanoes, and Natural Hazards)
GEO 108N (GEOS 108N)/CCS 108N	Climate Change, Past and Future
GPHY 111N (GEOG 102N)	Introduction to Physical Geography
GPHY 411N (GEOG 426N)	Biogeography
NUTR 221N (HHP 236N)	Basic Human Nutrition (Nutrition)
NRSM 246N (FOR 246)	Natural History, Ecology & Environmental Management South Queensland
NRSM 271N (FOR/RSCN 271N)	Conservation Ecology
PHAR 110N	Use and abuse of Drugs
PHSX 205N (PHYS 111N)	Fundamentals of Physics I
PHSX 207N (PHYS 112N)	Fundamentals of Physics II
PHSX 141N (PHYS 141N)	Relativity: From Galileo to Einstein and Beyond
PHSX 215N (PHYS 211N)	Fundamentals of Physics with Calculus I
PHSX 217N (PHYS 212N)	Fundamentals of Physics with Calculus II
PSYX 250N (PSYC 270N)	Fundamentals of Biological Psychology
SCN 100N	Issues in Biology
SCN 105N	Montana Ecosystem
SCN 175N	Integrated Physical Science
WILD 105N (WBIO 105N)	Wildlife and People

Courses with a laboratory experience:

Course #	Title
ANTY 213N	Introduction to Physical Anthropology Lab
ASTR 134N	Elementary Astronomy Laboratory I
ASTR 135N	Elementary Astronomy Laboratory II

ASTR 142N	The Evolving Universe: Theories and Observation
BIOB 101N (BIOL 100N)	Discover Biology (The Science of Life)
BIOB 160N (BIOL 110N)	Principles of Living Systems (Principles of Biology)
BIOB 171N (BIOL 109N)	Principles of Biological Diversity Lab (Diversity of Life Lab)
BIOO 105N (BIOL 120N)	Introduction to Botany (General Botany)
CHMY 101N (CHEM 101N)	Chemistry for the Consumer (Consumer Chemistry)
CHMY 124N (CHEM 154N)	Intro to Org & Biochem Lab (Organic and Biological Chemistry Laboratory)
CHMY 141N (CHEM 161N)	College Chemistry I
CHMY 143N (CHEM 162N)	College Chemistry II
ENSC 245N (FOR 210N)	Introductory Soils
FORS 241N (FOR 241N)	Dendrology
GEO 102N (GEOS 101N)	Intro to Physical Geology Lab (General Geology Laboratory)
GEO 106N (GEOS 106N)	The History of Life
PHSX 206N (PHYS 113N)	Physics Laboratory I
PHSX 208N (PHYS 114N)	Physics Laboratory II
PHSX 216N (PHYS 213N)	Physics Laboratory I with Calculus
PHSX 218N (PHYS 214N)	Physics Laboratory II with Calculus
SCI 225N	General Science: Physical and Chemical Science
SCI 226N	General Science: Earth and Life Science
SCN 105N	Montana Ecosystems
SCN 201N	Human Anatomy & Physiology I
SCN 202N	Human Anatomy & Physiology II
SCN 260N	The Biology of Behavior

Courses that satisfy more than one Group are listed below:

Course # and Title	General Education Groups
AASC 167H Nature and Society	I. English Writing Skills and VI. Historical and Cultural Studies (H)
ANTY 101H (ANTH 101) Anthropology and the Human Experience	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 122S (ANTH 102) Race and Minorities	VII. Social Sciences (S) and IX. American and European Perspectives (Y)
ANTY 133H (ANTH 103H) Food and Culture	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 141H (ANTH 106H) The Silk Road	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 251H (ANTH 251H) Foundation of Civilization	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 254H (ANTH 252H) Archaeological Wonders of the World	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 351H (ANTH 351H) Archaeology of North America	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 354H (ANTH 354H) Mesoamerican Prehistory	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ANTY 326E (ANTH 385E) Indigenous Peoples and Global Development	VIII. Ethics and Human Values (E) and X. Indigenous and Global Perspectives (X)
ARTH 201H (ART 151H) Art of World Civilizations II: Renaissance to Modern	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
ARTH 200H (ART 150H) Art of World Civilization: Ancient to Medieval Art	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
ARTH 250L (ART 203L) Introduction to Art Criticism	I. English Writing Skills and V. Literary and Artistic Studies (L)
ARTH 434H (ART 368H/NAS 368H) Latin American Art	I. English Writing Skills and VI. Historical and Cultural Studies (H)
CSCI 215E (CRT 122E) Ethics and Information Technology	I. English Writing Skills and VIII. Ethics and Human Values (E)
CSCI 216E Robots, Genetic Engineering, and Ethics	I. English Writing Skills and VIII. Ethics and Human Values (E)
DANC 360L (DAN 335L) World Dance	V. Literary and Artistic Studies (L) and X. Indigenous and Global Perspectives (X)
GRMN 351H (GERM 303H) German Culture to 1900	I. English Writing Skills and VI. Historical and Cultural Studies (H)
GRMN 352H (GERM 304H) German Culture from 1900 to the Present	I. English Writing Skills and VI. Historical and Cultural Studies (H)
HC 122E Ways of Knowing II	VIII. Ethics and Human Values (E) and IX. American and European Perspectives (Y)
HSTA 101H/103H (HIST 151H/154H) American History I	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTA 102H/104H (HIST 152H/155H) American History II	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTR 101H/103H (HIST 104H/107H) Western Civilization I	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTR 102H/104H (HIST 105H/108H) Western Civilization II	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTR 230 Colonial Latin America	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X) IX. American and European Perspectives (Y)
HSTR 231 Modern Latin America	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X) IX. American and European Perspectives (Y)
HSTR 377H (HIST 330H) European International Relations: Origins of the State System to 1870	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTR 374E War, Peace, and Society	VIII. Ethics and Human Values (E) and VI. Historical and Cultural Studies (H)

HSTR 380H Foreign Relations of the Great Powers	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
HSTR 384E History of International Human Rights	VIII. Ethics and Human Values (E) and IX. American and European Perspectives (Y)
JPNS 150H (JPNS 210H) Japanese Culture and Civilization	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
LIT 110L (ENLT 120L) Introduction to Literature	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 120L (ENLT 121L) Poetry	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 210L (ENLT 224L) American Literature I	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 211L (ENLT 225L) American Literature II	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 220L (ENLT 217L) British Literature: Medieval through Early Modern	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 221L (ENLT 218L) Enlightenment to Romantics	I. English Writing Skills and V. Literary and Artistic Studies (L)
LIT 222L (ENLT 219L) British Literature: Victorian to Contemporary	I. English Writing Skills and V. Literary and Artistic Studies (L)
LS 151/152 Introduction to the Humanities	I. English Writing Skills and V. Literary and Artistic Studies (L)
M 162 (MATH 150) Applied Calculus	II. Mathematics and III. Modern and Classical Languages or Symbolic Systems
M 171 (MATH 152) Calculus I	II. Mathematics and III. Modern and Classical Languages or Symbolic Systems
MCLG 251L The Epic	I. English Writing Skills and V. Literary and Artistic Studies (L)
MUSI 207H (MUS 136H) World Music	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
MUSI 301H (MUS 324H) Music History I	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
MUSI 302H (MUS 325H) Music History II	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
NASX 105H (NAS 100H) Introduction to Native American Studies	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
NASX 235X (NASL 202X) Oral and Written Traditions of Native America	I. English Writing Skills and V. Literary and Artistic Studies (L) and X. Indigenous and Global Perspectives (X)
NASX 304E (NAS 301E) American Indian Religion and Philosophy	VIII. Ethics and Human Values (E) and X. Indigenous and Global Perspectives (X)
NASX 303E (NAS 303E) Ecological Perspectives of Native Americans	VIII. Ethics and Human Values (E) and X. Indigenous and Global Perspectives (X)
PHL 210E (PHIL 300E) Moral Philosophy	I. English Writing Skills and VIII. Ethics and Human Values (E)
PSCI 210S (PSC 100S) Introduction to American Government	VII. Social Sciences (S) and IX. American and European Perspectives (Y)
RUSS 105H Introduction to Russian Culture	VI. Historical and Cultural Studies (H) and IX. American and European Perspectives (Y)
SOCI 212H (SOC 212H) Social issues in Southeast Asia	VII. Social Sciences (S) and X. Indigenous and Global Perspectives (X)
SSEA 102H Introduction to South and Southeast Asia	VI. Historical and Cultural Studies (H) and X. Indigenous and Global Perspectives (X)
STAT 216 (MATH 241) Intro to Statistics	II. Mathematics and III. Modern and Classical Languages or Symbolic Systems
STAT 451 (MATH 444) Statistical Methods I	II. Mathematics and III. Modern and Classical Languages or Symbolic Systems
WRIT 240E (WTS 240E) Rhetoric and Ethics: Writing Arguments about Contemporary Issues	I. English Writing Skills and VIII. Ethics and Human Values (E)

General Education for Transfer Students

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

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

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

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

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

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