Schedule of Courses

Following (http://catalog.montana.edu/summer-bulletin/summer-offerings/preliminary-course-listing) is the Summer Session 2019 preliminary course listing as of February 2019.

Please refer to the Summer Session class schedule (https://atlas.montana.edu:9900/pls/bzagent/bzsrchse.PW_SelSchClass) online for the most current information. The schedule will be mostly complete by February 25, 2019. Since that time, some courses may have been added and other courses canceled. The schedule will include detailed course information regarding sessions of offerings, meeting days, times and locations, instructors, mode of instruction (on-campus or online), special fees, and class enrollment numbers.

4x4 Session Days of Instruction: In the case where a holiday falls within a 4x4 session, that session will end on a Friday.

The 2019 Summer Session Schedule of Classes may be accessed online as follows:

1. Go to Web site: www.montana.edu (MSU home page)
2. Click on: MyInfo (bottom left-hand corner of page), Schedule of Classes
3. Select term: 2019 Summer Session
4. Select subject: Highlight one or more consecutive subject areas, or click and drag to highlight all subject areas
5. Click on: Search Class (bottom left-hand corner of the page)

Course Offering Contingencies

Montana State University strives to offer all courses listed in the online class schedule.

The schedule will contain a few new courses offered on a trial basis. A notation stating a minimum enrollment number will be included with each; if this number is not reached, the course may be canceled. Also, in the rare case when an instructor is not available due to a last-minute emergency, courses may be canceled.

Some courses are offered on a to-be-arranged basis, in which case class times, days, location and the instructor will not appear in the course schedule. Check with the offering department for details.

Numbering System

001-099 Courses below college level; no college credit given
100-199 Freshman - Lower Division
200-299 Sophomore - Lower Division
300-399 Junior - Upper Division
400-499 Senior - Upper Division
500-599 Graduate Courses
600-699 Graduate Courses

Core Courses

The mission of MSU’s core curriculum is to enhance students’ use of multiple perspectives in making informed critical and ethical judgments in their personal, public and professional lives through inquiry and research experiences. Details regarding the core curriculum may be found at www.montana.edu/wwcat/requirements/reqs4.html.

For incoming freshmen and current high school students accepted into the Early Admission Program, Summer Session core courses offer a jump start on a college career as well as an introduction to the level of work that is expected as a student at MSU. The courses also serve as a catch-up opportunity for continuing students who need to progress toward or complete their core requirements.

A list of Summer Core Course Offerings can be found here (http://www.montana.edu/summer/documents/Summer%202018%20Core%20Courses.pdf).

Core courses are designated by a letter following the course number, e.g., WRIT 101W. The following letters are used to specify the core groups:

US University Seminar
W College Writing
Q Quantitative Reasoning
D Diversity
CS Contemporary Issues in Science
IA Arts Inquiry or
RA Arts Research
IH Humanities Inquiry or
RH Humanities Research
IN Natural Science Inquiry or
RN Natural Science Research
IS Social Science Inquiry or
RS Social Science Research
R Additional Research and Creative Experience Courses

Classification of Courses in the Course Bulletin

In the second line of each course description in the MSU Course Bulletin, following the number of credits for the course, there appears a course classification designation which indicates the mode of instruction for that course. In some cases, two classifications are listed along with the number of credits in each.

Following is an explanation of course classifications.

LEC—Lecture: Presentation of course material by the instructor, utilizing the lecture method.

LAB—Laboratory: Instructing and supervising students in laboratory investigations.

STU—Studio: Instructing and supervising students in studio investigations.

RCT/DIS—Recitation-Discussion: Presentation of course materials designed to involve students in recitation and/or discussion.

SEM—Seminar: Students share, with the instructor, responsibility for preparation and presentation of course material.

IND—Independent Study: Directed study and/or research on an individual basis, under the supervision of an instructor.

Graduate Credit

Courses which may be taken for graduate credit are designated by a 500 or 600 number.

Uniform Course Numbers

Uniform numbers are used in all departments.

294, 394, 494, 500 and 594 Seminar
292, 492, 570 and 592 Individual Problems (individual projects)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>291, 491, 580 and 591</td>
<td>Special Topics (group or class project)</td>
</tr>
<tr>
<td>290R</td>
<td>Undergraduate Research</td>
</tr>
<tr>
<td>490</td>
<td>Undergraduate Projects</td>
</tr>
<tr>
<td>490R</td>
<td>Undergraduate Scholars Program</td>
</tr>
<tr>
<td>298, 498, 576 and 598</td>
<td>Internship</td>
</tr>
<tr>
<td>575</td>
<td>Graduate Research Paper (professional paper/project)</td>
</tr>
<tr>
<td>588</td>
<td>Professional Development</td>
</tr>
<tr>
<td>589</td>
<td>Graduate Consultation</td>
</tr>
<tr>
<td>590</td>
<td>Master's Thesis</td>
</tr>
<tr>
<td>689</td>
<td>Reading and Research</td>
</tr>
<tr>
<td>690</td>
<td>Doctoral Thesis</td>
</tr>
</tbody>
</table>

These courses may be repeated for credit. Specific titles of Special Topics courses are listed in the Schedule of Classes, on the Class Rolls and on the student’s permanent record.

Some courses such as Special Topics, Individual Problems, and Internship are offered for varying amounts of credit, e.g., 1-5. A maximum number of credits is also imposed, e.g., Maximum 6 cr. A student may repeat such courses to earn the maximum number of credits by registering for two or more projects with credits for each project totaling the maximum allowed. Credits earned beyond the maximum cannot be applied toward graduation.

**Special Topics & Individual Problems Courses**
The maximum number of credits allowed toward graduation of 291 and 491 courses in each rubric is 12, and the maximum number of 492 credits in each rubric is six. Some departments have established lower limits than these, and the student is responsible for checking the specific course listings to see that he or she does not exceed the allowable number of credits. The maximum number of 570 credits applicable to a graduate degree depends upon the degree. No 492 credits are applicable to a graduate degree.

**Undergraduate Course Prerequisites**
Courses beyond the freshman year usually have “prerequisites.” This means that certain lower-level courses must be taken before the student may register for the advanced course.

The prerequisite for undergraduate courses may be “consent of instructor.” The student must secure the permission of the instructor of the course before registering for it. “Consent of instructor” is usually required for courses in which there is limited laboratory space and/or equipment or in which specific skills are required.

**Graduate Course Prerequisites**
Courses at the 500 and 600 levels may be taken only by qualified students. Unless otherwise stated under course prerequisites, graduate-level courses are open only to:

1. Students with graduate standing (post-baccalaureate students admitted to The Graduate School, enrolled in non-degree status or second bachelor’s degree candidates)
2. Seniors with a cumulative grade point average of 3.25 or higher
3. Other seniors who have a petition approved by the head of the department offering the course, the head of the student’s major department, and the Dean of the Graduate School.

Some courses are limited to students with graduate standing or certain levels of graduate standing. These specific conditions are indicated within the course prerequisite or description statements. Students below senior standing are not eligible to take graduate-level courses.

**Session Dates**

- May-start 4x4 session: May 13 - June 7
- June-start 4x4 session: June 10 - July 5
- July-start 4x4 session: July 8 - August 2
- Late Summer 4x4: July 22 - August 16
- First 6-week session: May 13 - June 21
- Second 6-week session: June 24 - August 2
- Full 12-week session: May 13 - August 2
- Intersession: June 10 - August 2*

* Intersession is designed for courses of varying length

**Abbreviations**

The following abbreviations are used in the Schedule of Courses:

- M: Monday
- T: Tuesday
- W: Wednesday
- R: Thursday
- F: Friday
- S: Saturday
- U: Sunday

**Building Abbreviations**

- AJM: Arthur J. M. Johnson Hall
- BARNH: Barnard Hall (Previously EPS)
- BFH: Breeden Fieldhouse
- BOZ: Bozeman (Nursing, Deaconess Hospital)
- CHBCH: Chemistry/Biochemistry Bldg.
- CHVR: Cheever Hall
- COBH: Cobleigh Hall
- CU: Culbertson Hall
- DF: Danforth Chapel
- GH: Gaines Hall
- HAM: Hamilton Hall
- HANH: Hannon Hall
- HR: Hapner Hall
- HAYN: Haynes Hall
- HH: Herrick Hall
- HFC: Marga Hosaeus Fitness Center
- HN: North Hedges Residence Hall
- HOWH: Howard Hall
- HU (MSU Police Station): Huffman Building-MSU Security & Police Station
- JABS: Jake Jabs Hall
- JONH: Leon H. Johnson Hall
- JNST: Johnstone Center
- LEWH: Lewis Hall
- LG: Langford Residence Hall
<table>
<thead>
<tr>
<th>Code</th>
<th>Building Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINH</td>
<td>Linfield Hall</td>
</tr>
<tr>
<td>MARL</td>
<td>Marsh Research Laboratory</td>
</tr>
<tr>
<td>MBB</td>
<td>Molecular Biosciences Building</td>
</tr>
<tr>
<td>MCH</td>
<td>McCall Hall</td>
</tr>
<tr>
<td>MH</td>
<td>Montana Hall</td>
</tr>
<tr>
<td>MILLER</td>
<td>Miller Dining Hall</td>
</tr>
<tr>
<td>MSP</td>
<td>Miller Stock Pavilion</td>
</tr>
<tr>
<td>MU</td>
<td>Museum of the Rockies</td>
</tr>
<tr>
<td>NS</td>
<td>Nursery School</td>
</tr>
<tr>
<td>PBB</td>
<td>Plant BioScience Bldg.</td>
</tr>
<tr>
<td>PEC</td>
<td>Physical Education Complex</td>
</tr>
<tr>
<td>PLGR</td>
<td>Plant Growth Center</td>
</tr>
<tr>
<td>REID</td>
<td>Reid Hall</td>
</tr>
<tr>
<td>RLIB</td>
<td>Renne Library</td>
</tr>
<tr>
<td>ROBH</td>
<td>Roberts Hall</td>
</tr>
<tr>
<td>ROM</td>
<td>Romney Gymnasium</td>
</tr>
<tr>
<td>SB</td>
<td>S.O.B. Barn</td>
</tr>
<tr>
<td>SHC</td>
<td>Student Health Center</td>
</tr>
<tr>
<td>SHER</td>
<td>Sherrick Hall</td>
</tr>
<tr>
<td>SR</td>
<td>Safety &amp; Risk Management</td>
</tr>
<tr>
<td>SUB</td>
<td>Strand Union Building</td>
</tr>
<tr>
<td>TAYH</td>
<td>Taylor Hall</td>
</tr>
<tr>
<td>TCE</td>
<td>Temporary Classroom East</td>
</tr>
<tr>
<td>TCW</td>
<td>Temporary Classroom West</td>
</tr>
<tr>
<td>THTR</td>
<td>Black Box Theater, Strand Union</td>
</tr>
<tr>
<td>TRAP</td>
<td>Traphagen Hall</td>
</tr>
<tr>
<td>VCB</td>
<td>Visual Communications</td>
</tr>
<tr>
<td>WIL</td>
<td>Wilson Hall</td>
</tr>
</tbody>
</table>
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.