

2) Eleven additional physics credits, at least eight of which must be upper division. (Mathematics prerequisites for the physics minor are M 171, 172, 273, and 311 (MATH 152, 153, 251, and 311). Possible concentrations for the eleven additional physics credits include:

Classical Physics:

- PHSX 311 (PHYS 311) Oscillations and Waves 2 cr
- PHSX 327 (PHYS 325) Optics 3 cr
- PHSX 320 (PHYS 375) Classical Mechanics 3 cr
- PHSX 423 (PHYS 414) Electricity and Magnetism I 3 cr

Quantum Physics

- PHSX 311 (PHYS 311) Oscillations and Waves 2 cr
- PHSX 343 (PHYS 341) Fundamentals of Modern Physics 3 cr
- PHSX 461 (PHYS 461) Quantum Mechanics I 3 cr
- PHSX 462 (PHYS 462) Quantum Mechanics II 3 cr

Experimental Physics

- PHSX 322 (PHYS 321) Electronics for Scientists 3 cr
- PHSX 327 (PHYS 325) Optics 3 cr
- PHSX 343 (PHYS 341) Modern Physics 3 cr
- PHSX 444 (PHYS 444) Advanced Physics Lab 3 cr

Electrical and Computational Physics

- PHSX 322 (PHYS 321) Electronics for Scientists 3 cr
- PHSX 330 (PHYS 330) Communicating Physics 3 cr
- PHSX 333 (PHYS 331) Computational Physics 3 cr
- PHSX 423 (PHYS 414) Electricity and Magnetism I 3 cr

Engineering Physics

- PHSX 291 (PHYS 295) Engineering Mechanics - Statics 3 cr
- PHSX 311 (PHYS 311) Oscillations and Waves 2 cr
- PHSX 322 (PHYS 321) Electronics for Scientists 3 cr
- PHSX 446 (PHYS 446) Thermodynamics & Stat. Mechanics 3 cr

These concentrations are meant to be suggestive only. All meet the Minor in Physics requirements of eleven additional credits with at least eight of these being upper-division. For additional possibilities, a student can consult with a physics advisor.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Astronomy (ASTR) - Course Descriptions

131N, 132N, 134N, 135N, 142N, 191, 198, 351, 353, 362, 363, 365, 391, 392, 398, 492, 494, 499

Physics (PHSX) - Course Descriptions

101, 121N, 122N, 123N, 124N, 141N, 191, 192, 198, 205N, 206N, 207N, 208N, 215N, 216N, 217N, 218N, 251, 291, 292, 301, 311, 320, 322, 327, 330, 333, 343, 391, 392, 423, 425, 444, 446, 461, 462, 491, 492, 499, 595, 597, 598, 599

Faculty**Professors**

Eijiro Uchimoto, Ph.D., University of Wisconsin, 1988

Andrew S. Ware, Ph.D., University of California, San Diego, 1992 (Chair)

Associate Professors

Daniel B. Reisenfeld, Ph.D., Harvard University, 1998

Michael L. Schneider, Ph.D., University of Wisconsin, 2003

Assistant Professor

Nate McCrady, Ph.D., University of California - Berkeley, 2005

Adjunct Associate Professors

David E. Andrews, Ph.D., Cornell University 1972

Bradford L. Halfpap, Ph.D., Arizona State University, 1987

Adjunct Assistant Professors

Alexander P. Bulmahn, Ph.D., University of Iowa, 2010

Benjamin N. Grossman, Ph.D., Oklahoma State University, 2010

Lecturer/Research Assistant Professor

Diane S. Friend, M.S., The University of Montana, 2000

Research Assistant Professor

Paul H. Janzen, Ph.D., Harvard University, 2002

Emeritus Professors

Richard J. Hayden, Ph.D., University of Chicago, 1948

James P. Jacobs, Ph.D., University of Washington, 1991

Mark J. Jakobson, Ph.D., University of California, Berkeley, 1951

Randolph H. Jeppesen, Ph.D., New Mexico State University, 1980

Department of Political Science

- Special Degree Requirements
- Suggested Course of Study
- Courses
- Faculty

Ramona Grey, Chair

From the time of Plato and Aristotle, the study of politics has been concerned with how human communities use power to shape the lives of individuals. Students of politics observe the world's political institutions, from local governments to international organizations. They are interested in the quality of political leadership, the values which underlie public affairs, the political and legal processes used to make governmental decisions, and the wisdom of policies. Politics is the continuing dialogue about the best way for communities to govern themselves.

The department offers a varied undergraduate curriculum covering domestic, foreign, and international politics. By meeting requirements outlined below, a student may earn a bachelor degree in political science or in political science-history; a minor in political science or global public health; or a bachelor degree in political science with an option in American politics, international relations and comparative politics, public administration, non-profit administration, international development studies, or public law. A Master of Arts degree in political science and a Master of Public Administration degree are also offered.

The scope of the faculty's interest and research is wide. They bring special insights gained through study and residence in Europe, Russia, Africa, Central Asia, India, the Far East and Latin America, as well as in Montana and Washington, D.C. All members of the department teach introductory and advanced courses.

Courses offered in the department are designed to: (1) assist students to secure a broad liberal education and to equip them with the foundations for American citizenship; (2) provide undergraduate preparation for those students who propose to continue study at the graduate level with the ultimate goal of college teaching and research; (3) offer a broad program of training for those students who plan careers in government or politics; (4) assist in preparing students for careers in teaching at both the elementary and secondary levels; (5) provide a sound background for those students who intend to enroll in law and other professional schools.

The major fields of political science are (1) American government and politics with national, state and local government, politics, and public law as sub-fields; (2) public administration; (3) political theory; (4) comparative government; (5) international relations, organization and law. Majors are eligible for membership in Pi Sigma Alpha, the national political science honorary and are active in student political activities. The Department of Political Science secures a number of legislative and administrative internships in state and local government each year. Internships and other learning opportunities in Washington, D.C., are also available.

Special Degree Requirements

Refer to graduation requirements listed previously in the catalog. See index.

All majors must meet the Upper-division Writing Expectation by successfully completing PSCI 400.

Political Science Major: Students majoring in political science must take a minimum of 37 credits of political science, including PSCI 210S (PSC 100S), 220S (PSC 120S), 230X (PSC 130E), 250E (PSC 150E); and one 300-400 level course in four of the five major fields listed above. Twenty-one of the 37 credits must be in upper-division courses. No more than 7 credits of independent study (PSCI 492 (PSC 496)) and internship (PSCI 498 (PSC 498)) combined may count toward the 37 required credits. In addition, no more than 15 total credits in special topics courses (e.g., PSCI 320 (PSC 381), 391 (PSC 395)) may count toward the 37 required credits.

Political Science Major with an Option in American Politics: A student may earn a major in political science with an option in American politics by completing 40 credits in political science, including: PSCI 210S (PSC 100S), 220S (PSC 120S), 230X (PSC 130E), 250E (PSC 150E); one 300-400 level course in four of the five major fields of political science listed previously; and five of the following courses: PSCI 340 (PSC 383), 341, 342, (PSC 341, 342) 344 (PSC 364), 346 (PSC 366), 347 (PSC 387), 348, 352 (PSC 352), PSCI 365 (PSC 365), 370, 440 (PSC 483), 443, 444, 445, 468. Courses used to complete the upper-division requirement of this option also fulfill the 300-400 level requirement in the respective major fields of political science.

Political Science Major with an Option in International Relations and Comparative Politics: A student may earn a major in political science with an option in international relations and comparative politics by completing 40 credits in political science, including: PSCI 210S (PSC 100S), 220S (PSC 120S), 230X (PSC 130E), 250E (PSC 150E); one 300-400 level course in four of the five major fields of political science listed previously; and three courses from each of the following groups: a) PSCI 320 (PSC 381), 321 (PSC 321), 322 (PSC 321H), 324, 325, 326, 327, 328, 329 (PSC 324, 325, 326, 327, 328, 329), 420 (PSC 481) 421 (PSC 420), 422; and b) PSCI 330 (PSC 382), 332, 334, 335 (PSC 334, 335), 336, 337 (PSC 337), 430 (PSC 482), 431, 433 (PSC 431, 433), 432 (PSC 430), 463 (PSC 463), Strongly recommended are: a) minimum of two years of foreign language study; b) internship/study-abroad program. Courses used to complete

the upper-division requirement of this option also fulfill the 300-400 level requirement in the respective major fields of political science.

Political Science Major with an Option in Public Administration: A student may earn a major in political science with an option in public administration by completing a minimum of 40 credits in political science, including: PSCI 210S (PSC 100S), 220 (PSC 120S), 230X (PSC 130E), 250E (PSC 150E); one 300-400 level course in four of the five major fields of political science listed previously; 361, and three of the following courses: PSCI 344 (PSC 364), 360 (PSC 385), 462 (PSC 460), 461, 463, 466, 467, 468, 460 (PSC 485), 479. A legislative or administrative internship is strongly recommended. Courses used to complete the upper division requirement of this option also fulfill the 300-400 level requirement in the respective major fields of political science.

Political Science Major with an Option in Public Law: A student may earn a major in political science with an option in public law by completing a minimum of 40 credits in political science, including PSCI 210S (PSC 100S), 220 (PSC 120S), 230X (130E), 250E (PSC 150E); one 300-400 level course in four of the five major fields of political science listed previously; PSCI 370, and four of the following courses: 352, 421 (PSC 420), 433, 462 (PSC 460), 461, 471, 474 (PSC 472). Courses used to complete the upper-division requirement of this option also fulfill the 300-400 level requirement in the respective major fields of political science.

Political Science Teaching Major

Students may earn a teaching major in political science (government) by completing the requirements for the BA in political science, to include the following: PSCI 210, 220, 230, 250, 400; one 300-400 level course in four of the major fields listed above; four upper-division elective courses; and EDU 497 (C&I 428). All requirements for the political science major apply. Students with a teaching major in political science must also complete a teaching major or minor in a second field. For the political science teaching major, students must be formally admitted to the Teacher Education Program and complete all of the professional education licensure requirements. Students may also earn a teaching minor in political science. See the Department of Curriculum & Instruction for more information.

Political Science/History Combined Major

This major is intended solely for students who want to be licensed to teach government, history, and one additional social science at the middle and high school levels. Requirements for the combined political science/history major are as follows: in political science, a minimum of 30 credits, including: PSCI 210, 220, 230, 250, three upper-division elective courses in American government or public law, and three government upper-division elective courses in comparative or international relations; in history, a minimum of 31 credits, including: HSTR 101 or 102, HSTA 101 and 102, HSTR 200, HSTA 255, one elective course in world history, three upper-division elective courses to include at least one American and one European course, and one HSTA/HSTR 400-level approved writing course; in one additional social science, a minimum of 9 elective credits in economics or geography or psychology or sociology; and EDU 497 (C&I 428). Students must be formally admitted to the Teacher Education Program and complete all of the professional education licensure requirements. Students are eligible for a teaching license in social studies broadfield. See the Department of Curriculum & Instruction for more information.

Certificate in Nonprofit Administration (Online)

The certificate in nonprofit administration is designed for students wishing to develop professional competencies relating to nonprofit management. To earn a certificate the student must complete a minimum of 16 credits as follows:

a) 12 credits from among the following online courses:

- PSCI 401 Nonprofit Human Resource Management – 2 credits
- PSCI 402 Nonprofit Volunteer Management – 2 credits
- PSCI 403 Nonprofit Program Planning and Evaluation – 2 credits
- PSCI 405 Nonprofit Advocacy and Public Policy – 2 credits
- PSCI 406 Nonprofit Board Management – 2 credits

- PSCI 407 Nonprofit Grant Writing – 2 credits
- PSC 408 Nonprofit Fundraising – 2 credits
- PSCI 409 Nonprofit Financial Management – 2 credits
- PSCI 410 Nonprofit Strategic Planning – 2 credits

b) 4 credits of PSCI 498 or 598 Internship. The internship component includes at least 350 hours of volunteer or paid hours working directly with a nonprofit organization. If the student works at a nonprofit organization, professional work that is aligned with the program focus will qualify as internship credit. Students will complete various reflection activities, including a formal, 10-page paper documenting their learning throughout the internship experience. For questions about the internship, contact the Office for Civic Engagement.

All courses taken in pursuit of the certificate must be taken for graded credit, and a grade of C or above must be achieved in order to receive credit for any course.

This program is offered on a self-supporting basis. To learn about fee schedules and how to register, visit the web site for UMOOnline.

Suggested Course of Study

Political Science Major:

First Year		A	S
PSCI 210S (PSC 100S) Introduction to American Government	3	-	
PSCI 220S (PSC 120S) Introduction to Comparative Government	-	3	
Seven General Education courses	12	9	
One elective	-	3	
	15	15	
Second Year		A	S
PSCI 230X (PSC 130E) Introduction to International Relations	3	-	
PSCI 250E (PSC 150E) Introduction to Political Theory	-	3	
Seven General Education courses	12	9	
One elective	-	3	
	15	15	
Third Year		A	S
Four PSCI 300-400-level courses	6	6	
Six electives	9	9	
	15	15	
Fourth Year		A	S
Four PSCI 300-400-level courses	6	6	
Six electives	9	9	
	15	15	

Political Science with American Politics Option:

First /Second Year: Same as for PSCI major above

Third Year		A	S
Three 300-400-level American Politics courses	6	3	
Two other 300-400-level PSCI courses	3	3	
Five electives	6	9	
	15	15	
Fourth Year		A	S
Two 300-400-level American Politics courses	3	3	
Two other 300-400-level PSCI courses	3	3	
Six electives	9	9	
	15	15	

Political Science with International Relations and Comparative Politics Option:

First/Second Year: Same as for PSCI major above

Recommend beginning foreign language study as part of General Education courses.

Third Year		A	S
Three 300-400-level International and Comparative courses	6	3	
Two other 300-400-level PSCI courses	3	3	
Five electives	6	9	
	15	15	

Fourth Year	A	S
Three 300-400-level International and Comparative courses	6	3
One other 300-400-level PSCI course	3	-
Six electives	6	12
	15	15

Political Science with Public Administration Option:**First/Second Year: Same as for PSCI major above**

Third Year	A	S
PSCI 361 Public Administration	3	-
One 300-400-level public administration course	-	3
Two other 300-400-level PSCI courses	3	3
Six electives	9	9
	15	15
Fourth Year	A	S
One 300-400-level public administration course	3	-
PSCI 462 (PSC 460) Human Resource Management	-	3
Three other 300-400-level PSCI courses	6	3
Five electives	6	9
	15	15

Political Science with Public Law Option:**First/Second Year: Same as for PSCI major above**

Third Year	A	S
PSCI 370 Courts and Judicial Politics	-	3
Two 300-400-level Public Law courses	3	3
Two other 300-400-level PSCI courses	3	3
Five electives	9	6
	15	15
Fourth Year	A	S
Two 300-400-level Public Law courses	3	3
Two other 300-400-level PSCI courses	3	3
Six electives	9	9
	15	15

Requirements for a Minor

To earn a minor in political science the student must complete a minimum of 21 credits of political science, including PSCI 210S (PSC 100S), 220S (PSC 120S), 230X (PSC 130E), 250E (PSC 150E); and three additional 300-400-level courses in three of the five major fields of political science listed previously. Nine of the 21 credits must be in 300-400-level courses.

To earn a minor in Global Public Health, the student must complete PSCI 227, Issues in Global Public Health, with a grade of C- or higher and must complete 3 core courses, two of which can be PSCI 431, Politics of Global Migration, and PSCI 463, Development Administration, with a grade of C- or higher.

To earn a minor in International Development Studies, the student must complete 3 core courses, two of which can be PSCI 431, Politics of Global Migration, and PSCI 463, Development Administration, with a grade of C- or higher.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Political Science (PSCI) - Course Descriptions

191, 192, 210S, 220S, 227, 230E, 230X, 250E, 320, 321, 322H, 324, 325, 326, 327, 328, 329, 330, 332, 334, 335, 336, 337, 340, 341, 342, 344, 346, 347, 348, 350, 352, 354, 355, 357, 360, 361, 365, 370, 391, 400, 401, 402, 403, 405, 406, 410, 411, 412, 413, 420, 421, 422, 430, 431, 432, 433, 440, 443, 444, 445, 448, 449, 450, 451, 452, 453, 460, 461, 462, 463, 466, 467, 468, 469, 471, 474, 475X, 491, 492, 494, 498, 501, 502, 503, 504, 505, 520, 521, 522, 523, 524, 525, 526, 527, 528, 530, 540, 547, 550, 561, 563, 586, 594, 595, 596, 597, 598, 599

Faculty

Professors

Jeffrey D. Greene, Ph.D., University of South Carolina, 1992

Paul L. Haber, Ph.D., Columbia University, 1992

Peter Koehn, Ph.D., University of Colorado, 1973

Associate Professors

Karen Ruth Adams, Ph.D., University of California, Berkeley, 2000

Ramona Grey, Ph.D., University of California, Riverside, 1991

Robert P. Saldin, Ph.D., University of Virginia, 2008

Assistant Professors

Christopher P. Muste, Ph.D., University of California, Berkeley, 2001 (Associate Professor)

Abhishek Chatterjee, Ph.D., University of Virginia, 2010

Emeritus Professors

James J. Lopach, Ph.D., University of Notre Dame, 1973

Jonathan R. Tompkins, Ph.D., University of Washington, 1981

Pre-Engineering

Eijiro Uchimoto (Professor, Dept . of Physics and Astronomy), Advisor

Andrew Ware (Professor, Dept. of Physics and Astronomy) Advisor

The pre-engineering curriculum is for students planning to transfer to and accredited engineering program. Since engineering curricula differ for the different divisions of engineering, the general curriculum listed below serves only as a guide. A student planning to transfer into a particular type of engineering should look for the appropriate program guide on the Pre-engineering web site and consult with his or her advisor.

First Year	A S
COMX 111A (COMM 111A) Intro to Public Speaking	- 3
ECNS 201S or 202S (ECON 111S or 112S) Principles of Micro/Macroeconomics	3 -
WRIT 101 (ENEX 101) Composition	- 3
M 171, 172 (MATH 152-153) Calculus I, II	4 4
PHSX 215N-216N-217N-218N (PHYS 211N-212N-213N-214N) Fundamentals of Physics w/Calculus I, II & Lab	5 5
EGEN 101 (PHYS 175) Intro to Engineering	3 -
	17 17
Second Year	A S
CHMY 141N-143N (CHEM 161N-162N) College Chemistry I & II	5 5
M 273 (MATH 251) Multivariable Calculus	- 4
M 311 (MATH 311) Ordinary Differential Equations/Systems	3 -
PHSX 291 (PHYS 295) Engineering Statics	3 -
PHSX 322 (PHYS 321) Electronics for Scientists	3 -
PHSX 301 (PHYS 301) Introduction to Theoretical Physics	- 3
Electives	1 3
	15 15

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

General Engineering (EGEN) - Course Descriptions

Pre-Law

Soazig Le Bihan, Coordinator

Pre-law students are required to choose a degree major in which they will specialize. No one major best prepares students for law school and no particular course of study is a prerequisite for admission to law school. The Pre-Law Advising Committee suggests that the best preparation for law school is a broad education which ensures exposure to the varieties of thought about the social, political, economic, philosophical, and cultural forces which have shaped law and the societies it governs. Pre-law students must develop substantial skills in writing and be able to think critically and logically.

The Pre-Law Advising Committee urges students to see one of its members **as soon as they consider going to law school**. Advice on the specific character of each student's pre-law program, help in preparation for the LSAT examination, and support in admission to law school are the aims of each member of the committee.

Pre-Law Advising Committee

- Soazig Le Bihan (Associate Professor, Philosophy): Coordinator
- Len Broberg (Professor, EVST)
- James Burfeind (Professor, Sociology)
- Casey Charles (Professor, English)
- Amanda Dawsey (Assistant Professor, Economics)
- Dan Doyle (Professor, Sociology)
- Jerry Furniss (Professor, Management)
- James Lopach (Professor, Political Science)
- Michael Mayer (Professor, History)
- Jack Morton (Professor, Management)

Pre-Nursing

Pre-Nursing Advising Program, Lommasson Center, Room 269

The pre-nursing curriculum is a two-year program which is designed to provide the basic undergraduate education needed for entry into the professional portion of a baccalaureate nursing program.

Through an arrangement with the College of Nursing at Montana State University-Bozeman, The University of Montana-Missoula offers approved prerequisite courses for pre-nursing students. Students who intend to pursue the Bachelor of Science in Nursing degree offered through Montana State University can complete the 15 credits of sophomore level nursing courses in Bozeman. In addition, these 15 credits of sophomore level nursing courses are currently offered through a limited option on one of MSU's "Upper Division" campuses located at Billings, Great Falls, Kalispell, and Missoula. Students may apply for acceptance into clinical nursing (junior and senior years), to one of MSU's "Upper Division" campuses, up to a year prior to placement regardless of whether or not they have been admitted to MSU. Depending upon the specific placement, students can complete the entire nursing program in Missoula. It is highly competitive to be placed into the entire program available on MSU's Upper Division campus in Missoula

A grade of "C" (2.00) or better is required in the following specific courses for admission to clinical nursing. MSU's College of Nursing does not accept C- as a passing grade in required courses. Though a grade of "C" (2.00) is minimally acceptable, students are advised to attain the highest grade average possible in these classes for placement considerations at the upper-division level. Acceptance to clinical nursing is based on the average of the grades received in required prerequisite courses at the time of application. Admission is based strictly on grade prioritization. There is a competitive component to a successful application. At a minimum, a 2.50 cumulative GPA is required. MSU general education requirements need to be satisfied prior to graduation. Due to occasional changes in the curriculum and degree requirements, it is essential to contact the pre-nursing advisor before course selection and enrollment. The following

courses may not be repeated more than once regardless of where taken.

Suggested Course of Study

First Year		A	S
BIOB 160N (BIOL 110N) Principles of Living Systems, ??BIOL 112 Human Form and Function I or ??BIOL 113 Human Form and Function 3		-	3
BIOM 250N (BIOL 106N) Microbiology for Health Sciences		-	3
CHMY 121N-123N (CHEM 151N-152N) Intro to General Chemistry/Intro to Organic and Biochemistry		3	3
CHMY 124N (CHEM 154N) Intro to Organic and Biochemistry Laboratory		-	2
COMX 111A (COMM 111A) Introduction to Public Speaking		-	3
WRIT 101 (ENEX 101) English Composition		3	-
M 115 (MATH 117) Probability & Linear Math		3	-
PSYX 100S (PSYC 100S) Introduction to Psychology		-	4
SOCI 101S (SOC 110S) Principles of Sociology		3	-
		15	15
Second Year		A	S
BIOL 312-313 Anatomy and Physiology I & II		4	4
NUTR 221N (HHP 236N) Basic Nutrition		-	3
STAT 216 (MATH 241) Statistics		-	4
PSYX 230S (PSYC 240S) Developmental Psychology		3	-
PSYX 233 (PSYC 245) Fund of Psychology of Aging		3	-
General Education		6	3
		16	14

Individual programs may differ from the suggested course of study to better fill the needs of the particular student. Students desiring admission to other schools of nursing are encouraged to obtain a catalog from the college and, in consultation with the pre-nursing advisor, develop a plan of study tailored to meet the specific course requirements of the college of their choice. In Montana the associate of science degree in nursing (ASN) can be obtained at MSU Northern, Havre; Miles Community College, Miles City; Montana Tech of The University of Montana, Butte, Salish Kootenai College, Pablo, and Colleges of Technology in Missoula, Helena, Great Falls, and Billings⁶. A BSN completion program can be obtained at MSU-Northern, Havre; Montana Tech of The University of Montana, Butte, and Salish Kootenai College, Pablo. A baccalaureate degree in nursing (BSN) can be obtained at Carroll College, Helena and Montana State University, Bozeman.

Department of Psychology

- Special Degree Requirements
- Suggested Course of Study
- Courses
- Faculty

Christine Fiore, Chair

Psychology is the science of the behavior of humans and other animals. The psychologist, using scientific methods, seeks to understand the causes and purposes of behavior. Psychologists pursue their research and its application in academia, business, government, health, military and social service. The department offers training that leads to the Bachelor of Arts, Master of Arts, Educational Specialist, and Doctor of Philosophy degrees.

Admission Requirements

To be admitted to either option of the psychology major, a student must satisfy the following requirements:

1. completion of 30 credits overall
2. completion of 6 credits in psychology courses, including PSYX 100S (PYSC 100S).

In addition, to be admitted to the research option of the psychology major, students also should have:

3. a minimum overall GPA of 3.0

Students who intend to major in psychology but who have not yet met the credit hour requirements are admitted to the

program as pre-psychology majors. Prior to meeting the above requirements for admission pre- psychology students should go to University College in the Lommasson Center for advising.

Special Degree Requirements

Refer to graduation requirements listed previously in the catalog. See index.

To earn a Bachelor of Arts degree in psychology, the student must complete one of the options. Students are not restricted to the courses listed under either option, although one option must be completed by majors.

College of Technology courses PSYX 100S (PSY 100S) and PSYX 230 (PSY 201) may be used to fulfill the requirements for the 4-year degree in Psychology. Other Psychology courses offered by the College of Technology do not fulfill these requirements.

All majors are required to earn a "C" (2.00) or better in all psychology classes taken to fulfill requirements, including the Math course.

The Upper-division Writing Expectation must be met by successfully completing an upper-division writing course from the approved list in the Academic Policies and Procedures section of this catalog. See index.

Majors are required to remain in periodic contact with departmental advisors to facilitate advanced and individual program planning, to deal with impending difficulties, and as a communication channel between student and department.

Students who are particularly interested in child, adult or family development should investigate the human and family development minor. See index.

General Option

The general option is intended for students who have a major interest in psychology, but do not intend to pursue graduate training in psychology.

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. PSYX 222 (PSYC 220) Psychological Statistics
4. At least two of the following:
 - . PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
 - . PSYX 270 (PSYC 260S) Fundamentals of Learning
 - . PSYX 280 (PSYC 265S) Fundamentals of Memory and Cognition
5. At least four of the following:
 - . PSYX 230 (PSYC 240S) Developmental Psychology
 - . PSYX 233 (PSYC 245) Adult Development and Aging
 - . PSYX 340 (PSYC 330S) Abnormal Psychology
 - . PSYX 360 (PSYC 350S) Social Psychology
 - . PSYX 385 (PSYC 351S) Psychology of Personality
6. At least one of the following:
 - . M 115 (MATH 117) Probability & Linear Mathematics
 - . M 121 (MATH 111) College Algebra
 - . M 162 (MATH 150) Applied Calculus
 - . M 171 (MATH 152) Calculus I
7. At least four other three-credit psychology courses, not to include PSYX 292, 298, 392, 398, 493, or 499 (PSYC 296, 298, 396, 398, 493 or 499).

Research Option

The research option provides the student with an adequate foundation for graduate studies in psychology.

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. PSYX 222 (PSYC 220) Psychological Statistics
4. PSYX 320 (PSYC 320) Research Methods III
5. PSYX 290 (PSYC 297) Supervised Research (minimum of 2 credits)
6. At least two of the following:
 - . PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
 - . PSYX 270 (PSYC 260S) Fundamentals of Learning
 - . PSYX 280 (PSYC 265S) Fund of Memory & Cognition
7. At least four of the following:
 - . PSYX 230 (PSYC 240S) Developmental Psychology
 - . PSYX 233 (PSYC 245) Fund of Psychology of Aging
 - . PSYX 340 (PSYC 330S) Abnormal Psychology
 - . PSYX 360 (PSYC 350S) Social Psychology
 - . PSYX 385 (PSYC 351S) Psychology of Personality
8. At least one of the following:
 - . PSYX 345 (PSYC 336) Child and Adolescent Psychological Disorders
 - . PSYX 348 (PSYC 385) Psychology of Family Violence
 - . PSYX 376 (PSYC 337) Principles of Cognitive Behavior Modification
 - . PSYX 378 (PSYC 335S) Intro to Clinical Psychology
9. At least two of the following:
 - . PSYX 352 (PSYC 372) Comparative Psychology
 - . PSYX 356 ((PSYC 371) Human Neuropsychology
 - . PSYX 377 (PSYC 301) Personalized Student Instruction
 - . PSYX 400 History and Systems in Psychology
10. At least one of the following:
 - . M 115 (MATH 117) Probability & Linear Mathematics
 - . M 162 (MATH 150) Applied Calculus
 - . M 171 (MATH 152) Calculus I
 - . M 121 (MATH 118) College Algebra

Teacher Preparation in Psychology

Students who want to be licensed to teach psychology at the high school level must complete the BA degree requirements in psychology (general option). They also must complete a teaching major or minor in a second field of their choice and the professional licensure program in the College of Education. Students may also earn a teaching minor in psychology. See the Department of Curriculum and Instruction for information about admission to the Teacher Education Program and completion of these licensure programs.

Suggested Course of Study

	First Year	A	S
PSYX 100S (PSYC 100S) Introduction to Psychology		4	-
PSYX 105 (PSYC 110) Careers in Psychology		-	1
PSYX 120 (PSYC 120) Research Methods I		-	3
M 115 (MATH 117) Probability and Linear Math or M 162 or 171 (150 or 152) Applied Calculus/Calculus I or M 121 (MATH 111) College Algebra		-	3-4
WRIT 101 (ENEX 101) Composition		3	-
Four General Education courses		6	6
Two elective courses		3	3
		16	17
	Second Year	A	S
PSYX 222 (PSYC 220) Psychological Statistics		3	-
Three other 200-level psychology courses		3	6
Four General Education courses		6	6
Two elective courses		3	3

	Third Year	15 15
PSYX courses		A S
PSYX 290 (PSYC 297) Supervised Research		3 6
PSYX 320 (PSYC 320) Research Methods III (upper-division writing)		- 2
Electives and General Education		3 -
		9 7
		15 15
	Fourth Year	A S
PSYX courses		6 -
Electives		6 15-
		12 15-
		16 16

Requirements for a Minor

To earn a minor in psychology the student must complete a minimum of 21 credits of psychology including:

1. PSYX 100S (PSYC 100S) Introduction to Psychology
2. PSYX 120 (PSYC 120) Research Methods I
3. One of:
 - . PSYX 230 (PSYC 240S) Developmental Psychology
 - . PSYX 360 (PSYC 350S) Social Psychology
 - . PSYX 385 (PSYC 351S) Psychology of Personality
4. One of:
 - . PSYX 340 (PSYC 330S) Abnormal Psychology
 - . PSYX 345 (PSYC 336) Child and Adolescent Psychological Disorders
 - . PSYX 376 (PSYC 337) Principles of Cognitive Behavior Modification
 - . PSYX 378 (PSYC 335S) Intro to Clinical Psychology
5. Two of:
 - . PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology
 - . PSYX 270 (PSYC 260S) Fundamentals Psychology of Learning
 - . PSYX 280 (PSYC 265S) Fundamentals of Memory & Cognition
 - . PSYX 352 (PSYC 372) Comparative Psychology
 - . PSYX 356 (PSYC 371) Human Neuropsychology

At least six of the 21 credits must be at the 300-level or above.

All minors are required to earn a "C" (2.00) or better in all psychology classes taken to fulfill requirements.

Bioethics Certificate Program

Special Certification Requirements

The Bioethics Certificate Program is offered online and requires completion of **four core courses** (12 semester hours).

The courses include: PSYX 435 - Clinical Topics in Rural Bioethics, PSYX 436 - Ethical Foundations for Quality Assessment & Improvement in Healthcare, PSYX 437 - Empirical Bioethics Research in Rural and Underserved Settings, and PSYX 438 - Bioethics and Health Policy. One course is offered each term and so the required coursework can be completed within a 12-month period of time. Options are available for either graduate or undergraduate credit. Students interested in the Bioethics Certificate Program need to be accepted into the program by the Program Directors. Directions for application can be found at Extended Learning Services or at the National Rural Bioethics Project.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Psychology (PSYX) - Course Descriptions

100S, 105, 107, 120, 161S, 191, 192, 222, 230, 238, 240, 250N, 270, 280, 290, 291, 292, 294, 298, 320, 339, 340, 345, 348, 352, 356, 360, 362, 376, 377, 378, 385, 390, 391, 392, 398, 400, 435, 436, 437, 438, 441, 442, 491, 494, 499, 501, 510, 511, 512, 520, 521, 522, 523, 524, 525, 526, 530, 531, 532, 534, 535, 536, 537, 540, 545, 546, 550, 551, 560, 565, 571, 580, 582, 583, 587, 588, 594, 595, 596, 597, 599, 625, 630, 631, 632, 634, 638, 680, 694, 697, 699

Faculty

Professors

Ann Cook, Ph.D., The University of Montana, 2001 (Research)

Christine Fiore, Ph.D., University of Rhode Island, 1990

Stuart Hall, Ph.D., University of Texas at Austin, 1989

Helena Hoas, Ph.D., Umeå University, Sweden, 1987 (Research)

Rosmary Hughes, Ph.D., University of Houston, 1989 (Research)

Lois Muir, Ph.D., State University of New York at Stony Brook, 1982

Craig Ravesloot, Ph.D., The University of Montana, 1995 (Research)

David Schulberg, Ph.D., University of California, Berkeley, 1981

Thomas Seekins, Ph.D., University of Kansas, 1983

Paul S. Silverman, Ph.D., University of Georgia, 1977

Allen Szalda-Petree, Ph.D., The University of Montana, 1990

Richard Van den Pol, Ph.D., Western Michigan University, 1981

Arlene Walker-Andrews, Ph.D., Cornell University, 1980 (Associate Provost)

Jennifer Waltz, Ph.D., University of Washington, 1993

Associate Professors

Margaret E. Beebe-Frankenberger, Ph.D., University of California, Riverside, 2000

Duncan G. Campbell, Ph.D., Washington State University, 2003

Bryan Cochran, Ph.D., University of Washington, 2003

Lucian G. Conway III, Ph.D., University of British Columbia, 2001

Daniel J. Denis, Ph.D., York University, 2004

Greg R. Macheck, Ph.D., Indiana University, 2004

Gyda I. Swaney, Ph.D., University of Montana, 1997

Assistant Professors

Cameo Borntrager, Ph.D., University of Tulsa, 2006

Anisa Goforth, Ph.D., Michigan State University, 2011

Yoonhee Jang, Ph.D., University of Maryland, 2006

Craig McFarland, Ph.D., University of Arizona, 2011

Adjunct Faculty

Ann Jeanette Belcourt-Dittloff, Ph.D., The University of Montana, 2006 (Research)

Cheryl Van Denburg, Ph.D., The University of Montana, 1993

Emeritus Professors

Charles K. Allen, Ph.D., Ohio State University, 1963

Laurence H. Berger, Ph.D., University of Washington, 1969

George C. Camp, Ph.D., University of Illinois, 1971

Nabil F. Haddad, Ph.D., University of Oklahoma, 1976

Frances A. Hill, Ph.D., Ohio State University, 1965

Lynne S. Koester, Ph.D., University of Wisconsin, Madison, 1976

John R. Means, Ph.D., University of Colorado, 1965

David A. Strobel, Ph.D., The University of Montana, 1972

James A. Walsh, Ph.D., University of Washington, 1963

Herman A. Walters, Ph.D., Pennsylvania State University, 1962

Janet P. Wollersheim, Ph.D., University of Illinois, 1968

Religious Studies

- Courses
- Faculty

Paul A. Dietrich (Professor of Liberal Studies), Director

Religion has been taught as an academic discipline at The University of Montana since 1924. Located within the Liberal Studies Program in the College of Arts and Sciences, the study of religion is pursued at the University in an interdisciplinary setting that offers opportunities for exploration and discovery in many areas of the humanities, arts, and sciences. Our Religious Studies courses emphasize the scholarly analysis and interpretation of the history, literature, beliefs, myths, symbols, rituals, ethical and legal codes, and communities and institutions of the world's religious traditions. We investigate how the world's religions address enduring human questions and influence responses to daily problems, and we explore how religious traditions shape lives and societies, from the emergence of the earliest civilizations to twenty-first century global conflicts. Our students engage ideas about the good life and death, suffering and happiness, war and peace, revelation and salvation, God, mysticism, and religious experience. Our curriculum is designed to provide students with a broad and deep understanding of religion as a field of human activity and inquiry. Our students acquire the skills necessary to investigate specific religious traditions in historical depth and to understand the forms, expressions, and roles of religions in the world today.

More information is available at the Liberal Studies Program office in LA 101, (406) 243-2949 or online at www.cas.umt.edu/religious. For advising assistance contact the Humanities advisor in LA 145 or call (406) 243-6082.

Degree Requirements**Lower-Division Requirements**

Foreign Language (Two years of a single foreign language) 18-20 cr.

WRIT 101, Composition (previously ENEX 101) or equivalent 3 cr.

Liberal Studies 151L, Introduction to Humanities Bible (autumn or sum. semester only) 4 cr.

Liberal Studies 152L, Introduction to Humanities Medieval (spring or sum. semester only) 4 cr.

Liberal Studies 161H, Introduction to Asian Humanities 3 cr.

Two 200-level Religion courses: At least one course in religions of Near Eastern/Mediterranean origin and one in Religions of South Asian or East Asian origin 6 cr.

Near Eastern/Mediterranean (Pick at least one course)

RLST 204H (RELS 210H) Introduction to the Hebrew Bible (Old Testament)

RLST 205 (RELS 211) Introduction to the New Testament

RLST 221 (RELS 220), Judaism

RLST 225 (RELS 225), Christianity

South or East Asian (Pick at least one course)

RLST 232H (RELS 232H), Buddhism

RLST 234 (RELS 234), Hinduism

RLST 236 (RELS 236), Chinese Religions

RLST 238 (RELS 238), Japanese Religions

Upper-Division Requirements

i) RLST 300 (RELS 300), Theory & Method in the Study of Religion 3cr.

ii) Five courses (15 cr.) selected from among the following:

NASX 304E (NAS 301E), Native American Beliefs and Philosophy

RLST 310 (RELS 310), Topics in Biblical Studies (R-6)

RLST 320 (RELS 320), Ancient Judaism/Early Christianity (R-6)

RLST 335 (RELS 335), Western Religious Thought I

RLST 336 (RELS 336), Western Religious Thought II

RLST 353 (RELS 353), Topics in South Asian Religions (R-6)

RLST 354 (RELS 354), Topics in East Asian Religions (R-6)

RLST 360 (RELS 360), Classics of Buddhist Literature (R-6)

RLST 366 (RELS 366), Tibetan Civilization

RLST 367 (RELS 367), Approaches to the Study of Zen Buddhism

RLST 368 (RELS 368), Contemporary Buddhism in South and Southeast Asia

RLST 369 (RELS 369), Contemplative Traditions of Asia

RLST 370 (RELS 370), Mysticism (R-6)

AAS 374, African-American Religious Experience

RLST 376 (RELS 376), Contemporary Religious Thought (R-6)

RLST 281E (RLST 381E), Comparative Ethics

AAS 417, Prayer and Civil Rights

iii) Two Liberal Studies courses with Religious Studies content (for example, Liberal Studies 342, Topics in Comparative Literature and Religion) 6 cr.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Religious Studies (RLST) - Course Descriptions

191, 198, 204H, 205, 221, 225, 232H, 233, 234X, 236, 238, 281E, 291, 300, 310, 320, 335, 336, 353, 354, 360, 366, 367,

368, 369, 370, 376, 391, 392, 491, 491

Faculty

Professors

Bradley Clough, Ph.D., Columbia University, 1998
 Paul A. Dietrich, Ph.D., University of Chicago, 1981 (Director)
 Nathaniel Levto, Ph.D., Brown University, 2006

Lecturer

Mark Hanson, Ph.D., University of Virginia, 1993

Adjunct Faculty

Thomas R. Lee, Ph.D., University of California, 1979

Russian Studies

Ona Renner-Fahey (Associate Professor of Russian), Robert H. Greene (Associate Professor of History), and Clint Walker, (Assistant Professor of Russian), Advisors

Students interested in Russian Studies may choose to minor in this interdisciplinary program. Courses are required in Russian language, culture, history, and one other discipline (depending on course offerings and students' interests). The list of possible course offerings below must be considered in consultation with one of the advisors to the minor.

Requirements for a Minor

The following requirements must be successfully completed to obtain a minor in Russian Studies:

1. Second-year proficiency in the Russian language (by successfully completing 201-202 or equivalent).
2. RUSS/MCLG 105H (Introduction to Russian Culture)
3. One upper-division Russian history course (357, 358, 457, or 458)
4. Six additional credits of upper-division course work, three of which must be offered through a department other than History or Modern and Classical Languages and Literatures. Such other possible disciplines include: anthropology, business administration, economics, geography, or political science. For more information, see under "Related Courses" below.
5. Study abroad in Russia is highly encouraged. Students should discuss options for study abroad with their advisors.

Related Courses

Following is a list of possible course selections for the electives toward the Russian Studies Minor. Students are required to consult with their advisors concerning the appropriateness of the courses toward the minor.

Anthropology

ANTY 326E (ANTH 385E) Indigenous Peoples and Global Development 3 cr.

Business Administration-Management

MGMT 348 Entrepreneurship 3cr.

BGEN 360 (MGMT) 368 International Business 3cr.

BGEN 465 (MGMT 465) World Trade and Commerce 3 cr.

Economics

ECNS 374 (ECON 374) Comparative Economic Systems 3 cr.

Film

RUSS 308 Russian Cinema and Culture 3 cr.

Geography

GPHY 347 (GEOG 351/GEOG 308) Regional Geography 3 cr.

History

HSTR 326 (HIST 319H) Contemporary Europe 3 cr.

HSTR 357 (HIST 344) Russia to 1881 3 cr.

HSTR 358 (HIST 345) Russia Since 1881 3 cr.

HSTR 363 (HIST 348) Eastern Europe: Past and Present 3 cr.

HSTR 378 (HIST 332H) The Global Diplomacy of the Cold War 3 cr.

HSTR 380H (HIST 331H) Foreign Relations of the Great Powers, 1870-Present 3 cr.

HSTR 391 (HIST 395) Special Topics variable cr.

HSTR 457 (HIST 445) The World of Anna Karenina 3 cr.

HSTR 458 (HIST 446) The Russian Revolution, 1900-1930 3 cr.

HSTR 472E (HIST 460E) Problems of Peace and National Security 3 cr.

Political Science

PSCI 321 Post-Communist Politics 3 cr.

PSCI 322 (PSC 321H) Politics of Western Europe 3 cr.

PSCI 355 (PSC 355) Theories of Civil Violence 3 cr.

Russian

301 Oral and Written Expression I 3 cr.

302 Oral and Written Expression II 3 cr.

312L (306L) Introduction to Russian Literature I 3 cr.

313L (307L) Introduction to Russian Literature II 3 cr.

391 (395) Special Topics Variable cr.

411 19th Century Major Russian Authors 3 cr.

412 20th Century Major Russian Authors 3 cr.

424 Russian Short Story 3 cr.

440 Russian Poetry 3 cr.

491 (495) Seminar in Russian Studies 3 cr.

Study in Russia

This may be arranged either through UM's faculty-led program or through another program that has been approved by an advisor of the Russian Studies minor.

Science

Andrew S. Ware, (Professor and Chair, Department of Physics and Astronomy)

Science courses are designed for students desiring scientific knowledge and insight but are either majoring in non-scientific subjects or have limited science backgrounds. Enrollment in Science courses may serve as an introduction to further study in the sciences, to fulfill general requirements, or to fill specific requirements of the elementary education major.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Science (SCI) - Course Descriptions

195, 198, 199, 225N, 226N, 296, 350, 395, 396, 399, 494, 495, 496, 497, 498, 595, 596

Department of Sociology

- . Special Degree Requirements
- . Suggested Course of Study
- . Courses
- . Faculty

Kathy Kuipers, Chairs

"Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies, and how people interact within these contexts. Since human behavior is shaped by social factors, the subject matter of sociology ranges from the intimate family to the hostile mob; from organized crime to religious cults; from the divisions of race, gender and social class to the shared beliefs of a common culture (American Sociological Association 2002:1). The Sociology faculty at UM bring diverse theoretical perspectives to their courses and use a wide array of methodological strategies in their research and teaching. Their interests range from social issues facing our local community and the Northern Rocky Mountain region, to national and global concerns. Faculty research addresses both theoretical issues, such as the causes of criminal behavior, and practical matters, such as the effectiveness of prison rehabilitation programs or the impact of legislation on family policy and poverty programs.

In addition to a general sociology major, students may choose one of three options for structuring their course work. The general Sociology major provides a broad foundation in sociological theory and research, together with exposure to a variety of courses in the main substantive areas of the discipline. Students interested in crime and criminal justice can choose an option in Criminology, while students concerned with the causes and consequences of social inequality can select an option Inequality and Social Justice. Students interested in rural and environmental issues can pursue an option in Rural and Environmental Change. These options allow students to concentrate their studies in a particular area of interest while still acquiring a solid foundation in the discipline of Sociology.

Special Degree Requirements

The general sociology major requires a minimum of 33 sociology credits. Students may choose an option in criminology, inequality and social justice, or in rural and environmental change. These options require 39 sociology credits. All sociology majors must complete a required core and four courses from the major content list, in order to

insure broad exposure to the field of sociology. No more than 60 sociology credits may count for graduation. In addition to meeting these departmental requirements, students must meet all University wide requirements, as specified in the catalog. These include: completing 120 credits, meeting the General Education requirements including the Upper-division Writing Proficiency Assessment, and taking 39 credits of upper-division course work. See the Academic Policies and Procedures section of this catalog for other requirements.

Upper-Division Writing Expectation: To meet the Upper- Division Writing Expectation of the Bachelor of Arts with a major in Sociology, students must successfully complete one course selected from SOCI 438, 441, 460 or 488 (SOC 438, 441, 460 or 488); or any other upper-division writing course approved for general education (see Academic Policies and Procedures section of the catalog).

Required Course Work:

1. Core Courses (12 credits):

- . SOCI 101S (SOC 110S) Introduction to Sociology
- . SOCI 202 (SOC 202) Social Statistics
- . SOCI 318 (SOC 201) Sociological Research Methods
- . SOCI 455 (SOC 455) Classical Sociological Theory

2. Major Content: four courses, two of which must be numbered 300 or above, (12 credits):

- . SOCI 211S (SOC 230S) Introduction to Criminology OR 330 Juvenile Delinquency
- . SOCI 220S (SOC 220S) Race, Gender and Class
- . SOCI 270 (SOC 270) Introduction to Development Sociology
- . SOCI 275S (SOC 275S) Gender and Society
- . SOCI 306 (SOC 306) Sociology of Work
- . SOCI 308 (SOC 308) Sociology of Education
- . SOCI 325 (SOC 325) Social Stratification
- . SOCI 332 (SOC 300) Sociology of the Family
- . SOCI 342 (SOC 342) Urban/Metropolitan Sociology
- . SOCI 345 (SOC 320) Sociology of Organizations
- . SOCI 346 (SOC 346) Rural Sociology
- . SOCI 350 (SOC 340) The Community
- . SOCI 355 (SOC 355) Population & Society
- . SOCI 382 (SOC 350S) Social Psychology & Social Structure
- . SOCI 470 (SOC 470) Environmental Sociology
- . SOCI 485 (SOC 485) Political Sociology

NOTE: Students in the criminology, inequality and social justice, and reach option may count only one course from their respective option as a major content course.

Sociology 101S (SOC 110S) is a prerequisite for most courses numbered 200 and above. Additional prerequisites are listed in course descriptions.

Students who have not completed specified prerequisites may enroll only with the instructor's consent. All courses to be applied toward the major must be taken for a traditional letter grade. Majors are expected to earn a "C-" or better in all sociology courses.

To earn 120 credits in four years, students must average 30 credits per year, or 15 credits per semester.

Requirements for general sociology majors allow considerable flexibility in choosing courses. However, requirements for the criminology, inequality and social justice, and rural and environmental change options are more stringent.

General Sociology Major:

Students whose primary interest is in a general sociology major are urged to develop a plan of study with their advisor; they must take three electives in addition to the core courses and major content requirements listed above.

Any sociology course, including courses from any of the three options, may be included in your study plan. The

general sociology major prepares students for positions which require a bachelor's degree in one of the social science disciplines, including employment in a variety of government and private-sector agencies, or for a graduate program in sociology. It also provides valuable preparation for related fields such as law, social work, education, counseling, politics, and public administration.

Criminology Option:

Criminology has been an area of study within sociology since the inception of the discipline at the turn of the twentieth century. Contemporary criminology examines the making of laws, the nature and extent of crime, the causes of crime, and society's efforts to control crime through the juvenile and criminal justice systems. The option builds upon the required course work in sociology and allows students to pursue extended study of crime and the criminal justice system. In addition, the option provides opportunity for practical experience in juvenile and criminal justice systems through internship placement. The criminology option prepares students for employment in public and private criminal justice agencies, as well as graduate study in sociology, criminal justice, and law.

In addition to courses required of all sociology majors in the core and content areas, students concentrating in criminology must complete the following:

- . SOCI 211S (SOC 230S) Introduction to Criminology or 330 (SOC 330) Juvenile Delinquency
- . SOCI 221 (SOC 235) Criminal Justice System
- . and any three of the following courses:
 - . SOCI 312 (SOC 333) Criminal Adjudication
 - . SOCI 335 (SOC 335) Juvenile Justice System
 - . SOCI 362 (SOC 332) Sociology of Law Enforcement
 - . SOCI 423 (SOC 334) Sociology of Corrections
 - . SOCI 433 (SOC 423) Addiction Studies
 - . SOCI 435 (SOC 435) Law and Society
 - . SOCI 438 (SOC 438) Seminar in Crime and Deviance
 - . SOCI 498 (SOC 490) Internship

Inequality and Social Justice Option:

Inequality is at the core of most sociological inquiries. The option in inequality and social justice examines the causes and consequences of inequalities based on class, gender, race/ethnicity, disability, age, and sexual orientation. Social inequalities at the local, national, and global levels are studied, as are the political, legal, and social processes that contribute to or reduce inequalities. Ethical elements of social justice are considered with regard to inequality. An option in inequality and social justice prepares students for employment in a variety of government and private-sector agencies, especially in social services, or for graduate school in Sociology. It also provides valuable preparation for related fields such as law, social work, education, counseling, politics, and public administration.

Requirements, in addition to courses in the core and content areas, include:

- . SOCI 220S (SOC 220S) Race, Gender and Class or SOCI 275S (SOC 275S) Gender and Society
- . SOCI 441 Capstone: Inequality and Social Justice
- . and any three of the following courses:
 - . SOCI 314 (SOC 310) Extraordinary Group Behavior
 - . SOCI 325 (SOC 325) Social Stratification
 - . SOCI 371 (SOC 370S) Gender and Global Development
 - . SOCI 435 (SOC 435) Law & Society
 - . SOCI 442 Inequality and Social Justice Service Learning
 - . SOCI 443 (SOC 322) Sociology of Poverty
 - . SOCI 444 (SOC 444) Issues in Inequality
 - . SOCI 485 (SOC 485) Political Sociology
 - . SOCI 498 (SOC 490) Internship

NOTE: No more than one course from the ISJ emphasis may be used to fill the requirements for major content courses.

RECOMMENDED: Students should take 498 (SOC 490) concurrent with 441.

Rural and Environmental Change Option:

Rural environments, residents and agencies are facing rapid social, economic, demographic and political change. This option develops analytical and practical skills for understanding rural and environmental change globally and in the American West, and its policy implications in such areas as rural health, welfare and work; community development and assessment; native peoples and natural resource management. An option in rural and environmental change prepares students for employment with either a government, private or non-profit agency concerned with the above topics or for pursuing an advanced degree in sociology.

Requirements, in addition to courses in the core and content areas, include:

- . SOCI 270 (SOC 270) Introduction to Development Sociology
- . SOCI 460 (SOC 460) Capstone: Rural and Environmental Change
- Students should complete SOCI 270 and two REACH electives prior to taking SOCI 460 (SOC 460).
- . and any three of the following courses:
 - . SOCI 346 (SOC 346) Rural Sociology
 - . SOCI 350 (SOC 340) The Community
 - . SOCI 355 (SOC 355) Population & Society
 - . SOCI 371 (SOC 370S) Gender and Global Development
 - . SOCI 443 (SOC 322) Sociology of Poverty
 - . SOCI 470 (SOC 470) Environmental Sociology
 - . SOCI 498 (SOC 490) Internship

NOTE: No more than one course from the REACH emphasis may be used to fill the requirements for major content courses.

Teacher Preparation in Sociology

Students who want to be licensed to teach sociology at the high school level must complete the BA degree requirements in sociology (general sociology, no option required). They also must complete a teaching major or minor in a second field of their choice and the professional licensure program in the College of Education. Students may also earn a teaching minor in sociology. See the Department of Curriculum & Instruction for information about admission to the Teacher Education Program and completion of these licensure programs.

Suggested Course of Study

General Sociology Majors:

	First Year	A S
SOCI 101S (SOC 110S) Introduction to Sociology		3 -
WRIT 101 (ENEX 101) College Writing I		3 -
M 115 (MATH 117) Probability and Linear Math		- 3
Lower-division Writing course		- 3
Electives and General Education		9 9
		15 15
	Second Year	A S
SOCI 202 (SOC 202) Social Statistics		3 -
SOCI 211S (SOC 230) Introduction to Criminology, SOCI 270 Introduction to Development Sociology, or SOCI 220S Race, Gender & Class		3 -
SOCI 221 (SOC 235) Criminal Justice System or elective		- 3
Sociology major content courses		3 6
General Education		6 6
		15 15
All sociology majors are expected to have their general education work completed by the end of their sophomore year. The bulk of the work in sociology should occur during the junior and senior years.		
	Third Year	A S
SOCI 318 (SOC 201) Sociological Research Methods		3 -

SOCI 455 (SOC 455) Classical Sociological Theory	- 3
Sociology major content course	3 -
Upper-division writing course	- 3
Option courses (CRIM, ISJ or REACH) or electives	9 9
	15 15
Fourth Year	
	A S
SOCI 460 (SOC 460) Capstone in Rural and Environmental Change (Rural option) or SOCI 441 (SOC 441) Capstone in Inequality and Social Justice (ISJ option)	- 3
Option courses (Crim, ISJ, or Rural) or electives	15 12
	15 15

Students choosing an option in criminology are required to complete the core in their option prior to taking the criminology option elective courses. Students choosing the inequality and social justice option should take SOCI 498 (SOC 490) concurrent with SOCI 441 (SOC 441). Students choosing the rural and environmental change option should take SOCI 270 (SOC 270) first and complete at least two option electives prior to taking SOCI 460 (SOC 460).

Requirements for a Minor

To earn a minor in sociology the student must complete a minimum of 21 credits in sociology with at least 9 of these credits at the upper-division level. Students must take SOCI 101S (SOC 110S), SOCI 318 (SOC 201), SOCI 455 (SOC 455) and two (2) major content courses.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Sociology (SOCI) - Course Descriptions

101S, 130S, 191, 202, 211, 212S, 220S, 221, 270, 275S, 291, 306, 308, 312, 314, 318, 325, 330, 332, 335, 342, 345, 346, 350, 355, 362, 371, 382, 386, 391, 398, 423, 435, 438, 441, 442, 443, 444, 455, 460, 470, 485, 488, 491, 492, 494, 498, 520, 530, 538, 545, 561, 562, 563, 590, 594, 595, 596, 597, 598, 599

Faculty

Professors

Robert W. Balch, Ph.D., University of Oregon, 1972

James W. Burfeind, Ph.D., Portland State University, 1984

Daniel P. Doyle, Ph.D., University of Washington, 1984

Rebecca T. Richards, Ph.D., Utah State University, 1990

Associate Professors

Dusten R. Hollist, Ph.D., Washington State University, 2003

Kathy J. Kuipers, Ph.D., Stanford University, 1999

Teresa R. Sobieszczyk, Ph.D., Cornell University, 2000

Celia C. Winkler, Ph.D., University of Oregon, 1996

Assistant Professors

Daisy M. Rooks, Ph.D., University of California-Los Angeles, 2007

South and Southeast Asian Studies

Professor Ruth Vanita, Advisor

The Liberal Studies Program offers undergraduates at the University of Montana-Missoula an opportunity to study South and Southeast Asian peoples, cultures, histories, societies, as well as their literary, artistic and religious traditions. The region includes India, Nepal, Bhutan, Tibet, Sri Lanka, Pakistan, Bangladesh, Myanmar (Burma), Thailand, Laos, Cambodia, Vietnam, Malaysia, Brunei, Singapore, Indonesia, East Timor, and the Philippines.

The South Asianist faculty of Liberal Studies and the Dean of the College of Arts and Sciences work closely with those faculty from other disciplines at the University of Montana who have research and teaching interests in the area, and competence in regional languages.

Students may choose to minor in South and Southeast Asia with a major in any discipline. They must register with the program advisor, and are encouraged to plan their course sequence at least one semester in advance, in consultation with an assigned core faculty advisor from those listed below.

Special Degree Requirements

Requirements for a Minor

Major in any discipline, with a minor in South and Southeast Asian Studies. A total of 18 credits as follows:

1. ANTY/SSEA/LSH (LS) 102H (three credits).
2. Six credits from the following lower-division (100-200) courses: [SSEA/LS 202X, SSEA/RLST 232H (RELS 232), SSEA/RLST 234 (RELS 234), and SSEA/SOCI 212S (SOC 212S)].
3. Nine credits from the following upper-division (300 and above) courses, of which at least 3 credits must be in the humanities (SSEA 342, SSEA 353, SSEA 366, SSEA 368), and 3 credits in the social sciences (SSEA 330X and SSEA 440).
4. No language courses are required. However, students are encouraged to study regional languages through summer institutes, such as SEASSI, or through accredited study abroad experiences in either South, or Southeast Asia.

The faculty advisor may permit course substitutions.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

South/Southeast Asian Studies (SSEA) - Course Descriptions

102H, 195, 202X, 212S, 232H, 234X, 295, 330X, 342, 353, 366, 368, 395, 440, 495

Faculty

Abhishek Chatterjee, Ph.D. University of Virginia 2010 (Political Science)

Bradley Clough, Ph.D. Columbia University 1998. (Liberal Studies)

Quan Ha, Ph.D. Texas Tech University, 2011 (English)

Ranjan Shrestha, Ph.D. Ohio State University 2007 (Economics)

Teresa Sobieszczyk, Ph.D. Cornell University 2001 (Sociology)

Ruth Vanita, Ph.D. Delhi University 1992 (Liberal Studies)

G.G. Weix, Ph.D. Cornell University 1990 (Anthropology)

Women's and Gender Studies Program

- . Special Degree Requirements
- . Courses
- . Faculty

Anya Jabour and Elizabeth Hubble, Co-Directors

Women's and Gender Studies, an interdisciplinary program founded in 1990, encourages the production, discussion, and dissemination of knowledge about women's experiences, oppressions, and achievements, in Montana, the U.S., and the world. In the last decade this focus has broadened to include study of the social and cultural construction of gender, sex, and sexualities. By fostering awareness of cultural and international diversity, as well as of the circulations of power mediated by race, class, age, and sexual orientation, Women's and Gender Studies encourages students to think critically and to envision justice for all peoples.

The Women's and Gender Studies program is administered by the co-directors, with assistance from the program coordinator, in consultation with the Women's and Gender Studies Steering Committee, an interdisciplinary group of faculty and professional associates with teaching, research, and scholarly interests in women and gender.

Students may include Women's and Gender Studies in their studies in two ways. They can major in Liberal Studies with an option in Women's and Gender Studies, or they can complete the Women's and Gender Studies minor.

Students may select coursework from a wide variety of courses offered in the humanities, social sciences, natural sciences, law, education and other disciplines. Women's and Gender Studies offers scholarships, and sponsors or co-sponsors a variety of events including lectures, discussions, and performances that make a vibrant contribution to both the campus and the Missoula community life.

To be admitted, students must register with the Women's and Gender Studies directors, who will explain option or minor requirements and supervise their program.

Special Degree Requirements

Students may either combine the WGS minor with any major on campus or major in Liberal Studies with the Women's and Gender Studies Option

I. Requirements for a Minor

The Women's and Gender Studies minor is available to students in all majors. It consists of 20 credits. Students must complete three required courses or approved alternatives: (1) WGSS 163h, Philosophical Perspectives on Women in the Western Hemisphere, or WGSS 263 (WGS 263S), Introduction to Women's and Gender Studies, (2) WGSS 363 (WGS 363), Feminist Theories and Methods, and (3) WGSS 363 (WGS 463), Women's Studies Capstone (2 credits). In addition, students must complete four elective courses (twelve credits) from the list of Women's and Gender Studies courses. At least one of these courses must be numbered 300-level or above. A course list is published each semester prior to pre-registration. Contact the WGS Office at 243-2584 or visit LA 138A. Students may apply WGSS 398 (WGS 398), Cooperative Education (internships), toward their elective credits. All requests for substitutions or equivalency must be approved by the director(s) of the Women's and Gender Studies Program.

II. For the Women's and Gender Studies option under the Liberal Studies major, the following requirements must be met (not necessarily in sequence):

1. Completion of Liberal Studies core curriculum. (See the Liberal Studies section of this catalog: <http://www.umt.edu/catalog/cat/cas/libstud.html#degree>.)
2. Completion of WGSS 163H or approved alternative.
3. At least 21 credits of course work in relevant, advisor- approved courses numbered above 299. Each semester a list of these courses is published at pre-registration by the Women's and Gender Studies office, LA 138A, (406) 243- 2584. Typical choices are listed below under Courses, but may vary from year to year. Other courses not listed here may be applied toward the option or the minor if approved by the Women's and Gender Studies directors. WGSS 398 (WGS 398) (internships) may be applied toward these credits.

Courses

R- before the course description indicates the course may be repeated for credit to the maximum indicated after the R. Credits beyond this maximum do not count toward a degree.

Women's and Gender Studies (WGSS) - Course Descriptions

163H, 191, 263S, 291, 294, 363, 390, 391, 392, 398, 463, 490, 491, 492, 494, 594, 595, 596, 598, 695

Women's and Gender Studies Affiliated Faculty

Professors

Casey Charles, J.D., Hastings College fo the Law, 1978; Ph.D. SUNY Buffalo, 1992 (English)

Janet L. Finn, Ph.D., University of Michigan, 1995 (Social Work and Anthropology)

Christine Fiore, Ph.D., University of Rhode Island, 1990 (Psychology)

Rita Sommers-Flanagan, Ph.D., The University of Montana, 1989 (Psychology)

Linda Rutland Gillison, Ph.D., University of Minnesota, 1975 (Classics and Liberal Studies)

Sara Hayden, Ph.D., University of Minnesota, 1994 (Communication Studies)

Anya Jabour, Ph.D., Rice University, 1995 (History)

Ruth Vanita, Ph.D., Delhi University, 1992 (Liberal Studies)

Ione Crummy, Ph.D., Stanford University, 1992 (French)

Jill Bergman, Ph.D., University of Illinois, Urbana, 1999 (English)

Associate Professors

Hiltrud Arens, Ph.D., University of Maryland, 1997 (German)

Bryan Cochran, Ph.D., University of Washington, 2003 (Psychology)

Sarah Halvorson, Ph.D., University of Colorado-Boulder, 2000 (Geography)

Teresa Sobieszczyk, Ph.D., Cornell University, 2000 (Sociology)

Celia Winkler, Ph.D., University of Oregon, 1996 (Sociology)

Assistant Professors

Julie Edwards, MS, University of Illinois, Urbana-Champaign (Archivist)

Kathy Kuipers, Ph.D., Stanford University, 1999 (Sociology)

Daisy Rooks, Ph.D., Duke University, 2007 (Sociology)

Tobin Shearer, Ph.D., Northwestern University, 2008 (History and Religion)

Adjunct Instructors

Elizabeth Hubble, Ph.D., University of Michigan (French Medieval Studies)

Lee Heuermann, Ph.D., Stony Brook University (Music Composition)

June Ellestad, Ph.D., Washington State University (Sociology)

Richard Sattler, Ph.D., University of Oklahoma (Anthropology)