

- CSD U 222 - Introduction to Audiology.....3
- CSD U 310 - The Clinical Process.....3
- CSD U 320 - Phonological Development and Phonetics.....3
- CSD U 330 - Anatomy and Physiology of the Speech and Hearing Mechanisms.....3
- CSD U 340 - Foundations of Speech Disorders.....3
- CSD U 360 - Language Disorders.....3
- CSD U 411 - Neuroanatomy and Physiology for Communication.....3
- CSD U 420 - Speech Science.....3
- CSD U 430 - Senior Capstone I.....3
- CSD U 440 - Senior Capstone II.....3
- CSD U 450- Aural Rehabilitation.....3

**Out of Department required courses (19-20 crs.)**

- BIOL 100N or 110N - The Science of Life or Principles of Biology.....3-4
- COMM 173 - Language Culture and Society.....3
- STAT 216 (MATH 241) - Introduction to Statistics.....3
- PSYX 100S (PSYC 100S) - Introduction to Psychology.....4
- PSYX 120 (PSYC 120) - Research Methods I.....3
- PSYX 230S (PSYC 240S) - Developmental Psychology.....3

**Elective courses within Department:**

- CSD U 350 - Introduction to Clinical Audiology.....3
- CSD U 370 - Issues in Hearing Loss.....3
- CSD UG 480 - Multicultural Issues in Speech, Language and Hearing.....3
- CSD U 490 - Undergraduate Clinical Practicum.....3
- CSD U 495 - Special Topics.....3
- CSD U 497 - Independent Research.....3

**Elective courses out of Department:**

- LING 270S - Introduction to Linguistics.....3

**Suggested Course of Study**

	<b>First Year</b>	<b>A</b>	<b>S</b>
CSD 110 The Field of CSD		3	-
PSYX 100S (PSYC 100S) Introduction to Psychology		-	4
M 115 (MATH 117) Probability and Linear Math		-	3
WRIT 101 (ENEX 101) College Writing I		3	-
COMM 173 Language, Culture and Society		-	3
BIOL 100N The Science of Life		3	-
General Education/Electives		6	6
<b>Total Credits</b>		<b>15</b>	<b>16</b>
	<b>Second Year</b>		
CSD 210 Speech & Language Development		3	-
CSD 221N Foundations of Acoustics		3	-
CSD 222 Introduction to Audiology		-	3
CSD 330 Anat & Phys Speech Mech		-	3
PSYX 230S (PSYC 240S) Developmental Psychology		3	-
PSYX 120 Research Methods I		-	3
General Education/Electives		6	6
<b>Total Credits</b>		<b>15</b>	<b>15</b>
	<b>Third Year</b>		
CSD 310 Clinical Process		-	3
M 216 (MATH 241) Introduction to Statistics		4	-
CSD 320 Phono Devel & Phonetics		3	-
CSD 340 Foundations Speech Disorders		-	3
CSD 360 Foundations of Language Disorders		-	3
General Education/Electives (Students must complete 9 total upper-division credits outside of the CSD major)		9	6
<b>Total Credits</b>		<b>16</b>	<b>15</b>

## Fourth Year

CSD 411 Neuroanatomy & Physiology for Comm	3 -
CSD 430 Senior Capstone I	3 -
CSD 420 Speech Science	- 3
CSD 440 Senior Capstone II	- 3
CSD 480 Multicultural Issues (recommended for graduate studies)	3 -
CSD 450 Aural Rehabilitation	- 3
Electives (Students must complete 9 total upper-division credits outside of the CSD major)	6 6
<b>Total Credits</b>	<b>15 15</b>

## Courses

U = for undergraduate credit only, UG = for undergraduate or graduate credit, G = for graduate credit. R after the credit 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.

### Communicative Sciences and Disorders (CSD)

**U 110 The Field of Communicative Sciences and Disorders 3 cr.** Introduction to the scientific study of human communication and its disorders and to the professions of Speech-Language Pathology and Audiology. Overview of biological systems of speech, language, and hearing and the nature and treatment of communication disorders.

**U 210 Speech and Language Development 3 cr.** Topics include typical speech and language development, phonology, semantic, morphological, syntax, and pragmatics, along with individual differences, second language acquisition and literacy.

**U 221N Fundamentals of Acoustics: Applications in Speech, Hearing and Language 3 cr.** Provides students with a basic and working knowledge of acoustics and the physics of sound. Provides the basis for measurement and description of speech stimuli. Direct application to Speech Hearing and Language intervention as well as application into communicative sciences.

**U 222 Introduction to Audiology 3 cr.** Introduction to principles of acoustics as a basis for understanding hearing assessment. Development of ability to interpret audiograms as well as the results from a hearing evaluation. Includes pure tone and speech audiometry, acoustic immittance and reflex testing. Hearing screening procedures are also included.

**U 310 The Clinical Process 3 cr.** Underlying principles of clinical methods and practice including the observation of human behavior and clinical processes, assessment of communication differences, and clinical management of these differences, delays and disorders, behavior, interviewing/counseling, lesson planning and writing skills.

**U 320 Phonological Development and Phonetics 3 cr.** Exploration of the sounds and sound structure of American English and some of its dialects. Introduction to the theory and practice of phonetic and phonological analysis and trained in the transcription of speech into the International Phonetic Alphabet.

**U 330 Anatomy and Physiology of the Speech and Hearing Mechanisms 3 cr.** Prereq., CSD 210. Introduction to anatomy and physiology of the speech and hearing mechanisms including the anatomical orientation and embryological development, the breathing mechanism, structures of phonation, articulators, audition and the nervous system.

**U 340 Foundations of Speech Disorders 3 cr.** Nature of various speech disorders and basic understanding of principles underlying assessment and treatment of these disorders.

**U 350 Introduction to Clinical Audiology 3 cr.** Theoretical background of clinical audiology, application of tests, and clinical assessments (observations and testing).

**U 360 Language Disorders 3 cr.** Identification, assessment, and intervention for a variety of childhood and adult language disorders. Other topics include secondary conditions, potential developmental, psychosocial and educational concerns, multicultural considerations, and family roles.

**U 370 Issues n Hearing Loss 3 cr.** Reviews the basic principles of hearing and hearing loss. Explores the principles of basic audiologic rehabilitation, amplification technology and cochlear implants. Includes psychosocial aspects of hearing loss, counseling, communication modalities and deaf culture.

**U 411 Neuroanatomy and Physiology for Communication 3 cr.** Prereq., CSD 330 and BIOL 100N or 110N. Focused study on the anatomy of the nervous system and how the nervous system supports behaviors inherent to communication. Students will be introduced to anatomical terms, structures, and functions. Clinical implications will be discussed as well.

**U 420 Speech Science 3 cr.** Physiologic, neurologic, and acoustic aspects of human communication, theoretical framework for speech science, and principles of acoustics applied to speech pathology.

**U 430 Senior Capstone I 3 cr.** Part one of a two course sequence where the student completes an independent project. Students will prepare a literature review, and ethics application, and a proposal in preparation for a major research project of their design.

**U 440 Senior Capstone II 3 cr.** Prereq., CSD 430. Part two of a two course sequence where the student completes an independent research project. Students research and write about a topic of their choice and present their findings at the end of the semester.

**U 450 Aural Rehabilitation 3 cr.** Fundamental skills in speech reading and various types of hearing aids, and the tools necessary to assess and implement auditory training. Both children and adults are included.

**UG 480 Multicultural Issues in Speech, Language and Hearing 3 cr.** Topics include: dynamics of community and culture; strategies to communicate with people from a variety of backgrounds; learning English as a second language; and phonological and linguistic analysis of differences between Standard English speakers and culturally diverse populations. International differences in service delivery.

**U 490 Undergraduate Clinical Practicum 1-3 credits (per semester)** Prereq., CSD 310, lower division CSD courses, and consent of CSD Clinical Director. A maximum of 5 credits of clinical practicum may count toward graduation. Allows the advanced student an opportunity to pursue independent or small group clinical practicum. Students will be directly supervised by a certified speech and language pathologist or audiologist.

**U 495 Special Topics 3 cr.** Offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

**U 497 Independent Research 3 cr.** Offered autumn and spring. Prereq., consent of instructor.

## Faculty

### Associate Professors:

- Al Yonovitz, Ph.D. CCC-A, MaudSA (University of Connecticut, 1973 (Chair)

### Associate/Assistant Professors

- Lucy Hart Paulson, Ed.D., CCC-SLP (The University of Montana, 2004)
- Amy Glaspey, Ph.D., CCC-SLP (The University of Washington, 2006)
- Jodi Klein, MS, CCC-SLP (Ph.D. pending, The University of North Dakota)
- Ginger C. Collins, MS, CCC-SLP (Ph.D. pending, Louisiana State University)

### Clinical Faculty

- Christine Merriman, M.A., CCC-SLP (The University of Montana, 1979)
- Rose Mary Johnson, M.S., CCC-SLP (West Virginia University, 1980)

## Counselor Education

- [Courses](#)
- [Faculty](#)

### Rita Sommers-Flanagan, Chair

The Counselor Education program educates students for employment in school (K-12 and higher education) and community mental health and human service settings. Counselors are systems, family and individual consultants, practitioners and coordinators who assist in problem solving, decision-making skills, personal growth and development, and individual, family school, and/or career issues. Counselors receive training in the eight core areas identified by the American Counseling Association Council for Accreditation of Counseling and Related Educational Programs: human growth and development, social and cultural foundations, the helping relationship, group theories and methods, career and lifestyle development, client assessment and evaluation, research and program evaluation, and professional orientation. Student may focus on School Counseling (M.A.) or Agency (Mental Health) Counseling (M.A.). Each option requires additional specialty courses and comprehensive written and oral examinations focused on the student's career track. The more advanced graduate degrees (Ed.S. and Ed.D.) develop depth, supervisory, and leadership skills in these areas.

**Graduate Programs:** The M.A., Ed.S., and Ed.D. are offered in Counselor Education. Information regarding specific requirements and program options is available from the School of Education. For more information, please refer to The University of Montana Graduate Programs and Admissions Catalog. Graduate programs are accredited by NCATE and CACREP.

**Admission to Counseling:** Applicants for this program should contact the Department for more specific admissions information. Requirements include GRE verbal and quantitative less than 5 years old; official transcripts from all undergraduate and graduate institutions attended; three current letters of recommendation; and a letter of application stating academic and professional background, purpose in obtaining the degree, and thoughts about eventual employment and career direction. Deadline is February 1. Admission is competitive. Meeting graduate school minimum grade average and GRE requirements will not necessarily insure acceptance.

**Certification Requirements:** The Counselor Education, M.A., School Counseling option, leads to licensure at the Class IV level.

## Courses

U = for undergraduate credit only, UG = for undergraduate or graduate credit, G = for graduate credit. R after the credit 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.

### Counselor Education (COUN)

**UG 475 Forgiveness and Reconciliation 3 cr.** Offered spring. Survey of the theory and practice of healing fractured relationships at the individual and community levels, treating historical and personal issues from philosophical, psychological and religious perspectives drawn from several diverse cultures.

**U 485 Counseling Theories in Context 3 cr.** Offered fall. Prereq., PSYX 100S (PSYC 100S). Same as PSYX 442 (PSYC 485) and SW 485. Introduction to the primary theories that constitute the intellectual foundation for common counseling and psychotherapy techniques, with a special focus on gender, interpersonal influence strategies, and diversity issues.

**UG 495 Special Topics 1-9 cr.** (R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

**G 511 Theories and Techniques of Counseling 3 cr.** Offered autumn. Examination of historic and current theories of counseling. Overview of techniques associated with each theory. Basic introduction to ethical concerns with each theory.

**G 512 Counseling Fundamentals 3 cr.** Offered spring. Prereq., COUN 511. Overview of approaches to counseling, including common factors. Includes meta-theoretical considerations and guided dyadic practice.

**G 520 Group Counseling and Guidance 3 cr.** Offered autumn. Prereq., COUN 511. Theories, approaches, and methods for group counseling and guidance.

**G 530 Applied Counseling Skills 2 cr.** Offered autumn and spring. Prereq., COUN 511, 512 and consent of instr. Review and application of counseling theories and techniques to client issues. Intensive supervision including ethics, professional practice and diagnostic considerations. Lecture and class presentation with a focus on professional counseling development.

**G 540 Individual Appraisal 3 cr.** Offered spring. Prereq., C&I 517 or consent of instr. Overview of appraisal techniques utilized in counseling, including interviewing, observation, and psychological/educational testing. The processes of selection, administration, scoring, interpretation, and reporting information from appraisal techniques are examined in relation to practical, legal, and ethical considerations.

**G 550 Introduction to Family Counseling 3 cr.** Offered spring. Prereq., admission to Counselor Education program or consent of instr. An introduction to the major theories, techniques, and diagnostic tools of family counseling. Course includes a family systems emphasis.

**G 560 Lifespan Developmental Counseling 3 cr.** Offered spring. Overview of counseling from the framework of lifespan developmental theory. Normal and abnormal development in the environmental context of family, school, society and culture emphasized.

**G 565 School Counseling, Program Development and Supervision 3 cr.** Offered spring. Prereq., graduate standing or consent of instr. Examination of counseling techniques and approaches relevant to prevention and remediation of behavioral, social, emotional and academic problems for students P-12. Overview of school counseling program development and administration.

**G 566 Counseling Children and Adolescents 3 cr.** Offered every spring.. Prereq., COUN 511, 512, 565 or consent of instr. Review and application of counseling concerns and approaches with children and adolescents in school and related educational settings, including classroom and psychoeducational strategies.

**G 570 Career Counseling Theory and Techniques 3 cr.** Offered spring. Examination of theories of career choice and development; information sources for career counseling; techniques and approaches of career counseling with clients at different stages of career and life development and from diverse populations.

**G 575 Multicultural Counseling 3 cr.** Offered autumn. Prereq., graduate standing or consent of instr. An introduction to the field of multicultural counseling. Issues and practical considerations in counseling five population groups; definition of terms and concepts.

**G 580 Chemical Dependency Counseling 2 cr.** Offered autumn. Prereq., admission to Counselor Education program or consent of instr. Understanding chemical dependency and its treatment. Development of school/community programs for prevention and remediation. Counseling techniques and methods. Understanding the addictive process.

**G 585 Counseling Methods: School and Agency 1-9 cr.** Offered every term. Prereq., COUN 511, 512. Supervised counseling methods and theories as applied in mental health agencies and schools. Review of the principles of counseling as these apply to various settings and client issues.

**G 589 Comprehensive Project 2 cr.** Offered autumn and spring. Integration of professional experience and academic research in a

comprehensive paper or applied project. Students may elect to have an oral examination covering the eight CACREP core areas of counseling.

**G 594 Seminar Variable cr.** (R-9) Offered intermittently. Prereq., consent of instr. Group analysis of problems in specific areas of professional counseling.

**G 595 Special Topics Variable cr.** (R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

**G 596 Independent Study Variable cr.** (R-6) Offered intermittently. Prereq., consent of instr.

**G 597 Research Variable cr.** (R-9) Offered autumn and spring. Prereq., consent of instr.

**G 610 Professional Ethics and Orientation 3 cr.** Offered autumn. Prereq., COUN 530 or consent of instr. The public and institutional roles and responsibilities of counseling professionals including ethical and legal responsibilities.

**G 615 Diagnosis and Treatment Planning in Counseling 3 cr.** Offered autumn. Prereq., COUN 512. Overview of diagnosis, treatment planning and case documentation in counseling.

**G 625 Introduction to Mental Health Systems 3 cr.** Prereq., acceptance into Counselor Education program mental health track. Essential knowledge for professional identity, understanding of public policy, and community assessment procedures. Includes brief lectures, guest speakers, discussion, and student presentations.

**G 633 Supervision and Consultation in Counseling: Advanced Practicum 2-4 cr.** (R-4) Offered spring. Prereq., COUN 530. Approaches and techniques for supervision and consultation in counseling. Supervised experience with first year counselor education graduate students.

**G 685 Advanced Counseling Methods: School and Agency 2-9 cr.** (R-9) Offered every term. Prereq., COUN 585. Supervised advanced counseling methods and approaches as applied to mental health agencies and schools.

**G 699 Thesis/Professional Paper 2-10 cr.** (R-10) Offered intermittently. Prereq., EDLD 620 or 625.

## Faculty

- Catherine Jenni, Ph.D., Saybrook Institute, 1990
- Rita Sommers-Flanagan, Ph.D., The University of Montana, 1986 (Chair)

## Associate Professors

- John Sommers-Flanagan, Ph.D., The University of Montana, 1986

## IYFD Faculty and Adjunct Professors

- Lynne Sandford Koester, Ph.D., The University of Wisconsin, 1976 (Director IYFD)
- Otto Koester, M.A., The University of Wisconsin, 1974
- Nancy Seldin, Ed.D., The University of Montana, 1992, MPH, 1976
- Mike Frost, M.A.
- Gary Hawk, Ed.D.
- Sally Woodruff, M.Div.

## Department of Curriculum and Instruction

- [Elementary Education Requirements](#)
- [Secondary Licensure Requirements](#)
- [Courses](#)
- [Faculty](#)

## Ann N. Garfinkle, Chair

The Department of Curriculum and Instruction offers the Bachelor of Arts in Education degree and teaching licensure in elementary education. As well, it offers teaching licensure at the secondary level for students who are earning or already have completed the baccalaureate degree in one of the following state-approved content endorsement areas: Art, Biology, Business and Information Technology Education, Chemistry, Drama, Earth Science, Economics, English, English as a Second Language, French, General Science Broadfield Major, Geography, German, Government, Health and Human Performance, History, Latin, Mathematics, Music, Physics, Psychology, Russian, Comprehensive Social Science, Sociology, and Spanish. (See specific requirements for each in the following pages.) At the graduate level, the department offers the masters and doctoral degrees in Curriculum and Instruction. Programs across all degree levels are organized to foster the development of learning communities and incorporate three basic themes: integration of content knowledge and

experience; collaboration among participants; and inclusiveness, caring, and respect for the individual. The Web address for the Department of Curriculum and Instruction is <http://www.soe.umt.edu/currinst/default.html>

## **Graduate Programs**

The department offers the Master of Education (M.Ed.) in curriculum and instruction. Students select from one of the following options: curriculum studies, elementary education, library-media services, literacy education, secondary education and special education. Students may also earn the masters degree in combination with requirements for initial teacher licensure at the elementary and secondary levels. This option is further explained below. The department offers as well the Doctor of Education (Ed.D.) in curriculum and instruction. Information about these graduate programs is available from the department office, UM Graduate Programs and Admissions Catalog, and online: [www.soe.umt.edu/currinst/graduate.html](http://www.soe.umt.edu/currinst/graduate.html).

## **Teacher Preparation**

### **Elementary Education**

Individuals preparing to teach in elementary school (license for grades K-8) complete a major in elementary education. Prior to their admission to the Teacher Education Program, usually at the end of the sophomore year, students are pre-education majors and are advised by the pre-education advisor in the College of Education and Human Services. Upon admission to the program, students become elementary education majors and are advised by faculty within the Department of Curriculum and Instruction.

### **Secondary licensure**

Students preparing to teach at the middle or high school levels (license for grades 5-12) will declare a major in the subject area(s) they wish to teach, e.g., English, mathematics, or any other of the state-approved major content endorsement areas listed above. They are advised within their major department(s) and, upon admission to the Teacher Education Program, they also are advised within the Department of Curriculum and Instruction regarding the requirements necessary to earn secondary licensure. All secondary licensure students seek admission to the Teacher Education Program, usually at the end of the sophomore year, and complete course work required for licensure in Curriculum and Instruction and in their major content area(s).

Applicants for Montana teaching licensure must: (1) satisfy all degree and licensure requirements as outlined below; and (2) be at least 18 years of age. Information about the Teacher Education Program is available in the department office and online at: <http://www.soe.umt.edu/>

## **Masters Degree and Initial Licensure**

Individuals who have completed a degree may elect to apply to the department's Graduate Program and combine the masters degree in curriculum and instruction (curriculum studies option) with licensure to teach. At the secondary licensure level, the combined program may be completed in a summer-autumn-spring-summer sequence provided the student previously has completed most of the content courses listed on the following pages by subject area. At the elementary licensure level, the program typically takes two academic years.

## **Assessment at Admission to the Undergraduate Teacher Education Program**

Individuals seeking licensure to teach must apply for admission to the professional Teacher Education Program. Admission is limited to approximately 125 elementary and 125 secondary candidates per year. Deadlines for application are September 15 and February 15. Individuals are eligible for consideration for admission if they have:

- been admitted to The University of Montana;
- completed at least 30 semester credits;
- earned a minimum cumulative GPA (including all transfer credits) of 2.75;
- demonstrated evidence of writing ability as in an application essay
- documented appropriate experience in working with children or youth;
- secured supportive recommendations from two faculty members; and
- presented results of a national finger print based background check.

The Teacher Education Admission Application packet includes a policy and procedures handbook and is available from the UC Bookstore or can be downloaded from the website: <http://www.soe.umt.edu/currinst/default.html>.

Once admitted, licensure candidates must maintain a minimum GPA of 2.75 each semester to continue in the program. Candidates who interrupt their studies for more than two years are placed on inactive status and must request to resume their studies.

Candidates seeking a K-12 endorsement in library-media, literacy, or special education must have full admission to the Teacher Education Program or be a licensed teacher before applying to one of these specialized programs.

Degree-holding individuals are invited to submit transcripts for review to determine how previous course work applies. They may earn a second baccalaureate degree and/or a teaching license, or they may combine elementary or secondary licensure with a masters degree. They should enroll with the Admissions Office as "post-baccalaureate" unless pursuing a graduate degree.

## **Admission Policy for Minority Students and Students with Disabilities**

The Teacher Education Program is committed to providing opportunities for teacher preparation for members of groups that historically have been disadvantaged and subject to discrimination. The criteria for admission are the same for students with disabilities and for members of racial, ethnic and other minorities, as for other students; however, students who do not meet one or more of the criteria for admission are encouraged to describe in their applications any special circumstances, experiences, skills and/or special talents that may compensate for unmet criteria. The physical, social, economic, and cultural circumstances that may have influenced a student's ability to achieve minimum eligibility for admission will be considered. A special effort will be made to determine the student's abilities and potential to overcome disadvantage or discrimination and become a successful beginning teacher. Upon entry to the program, the candidate will be assigned to a faculty mentor. The candidate and mentor will design a course of study appropriate for the candidate's progression toward the degree and/or licensure.

### **Assessment at Application for Student Teaching**

Candidates begin planning for student teaching two semesters prior to placement. Candidates are eligible to student teach if they have:

- full admission into the Teacher Education Program;
- a grade of C- or better in all required licensure courses;
- a minimum cumulative GPA of 2.75 (and 2.75 in each field of licensure);
- a passing score on the Writing Proficiency Assessment;
- results of a current national fingerprint based background check (candidates with misdemeanors or felonies may be subject to further review by the Field Experience Committee);
- a completed application to student teach and the consent of the Director of Field Experiences;
- for elementary education majors, the Professional Methods Block, a minimum of 9 credits in the selected area of concentration, a minimum of 9 credits from the following: ART 314, DAN 327, DRAM 327, HHP 339, and MUS 335; and approval by advisor;
- for secondary licensure candidates, all methods courses, two thirds of content course work, and approval by departments in the major/minor content area.

Consult the Teacher Education Policy Handbook for application deadlines and procedures. The Student Teaching Application is available in the UC Bookstore and on the School of Education web page [www.soe.umt.edu/formspage.html](http://www.soe.umt.edu/formspage.html). Internships and practica in library-media, reading, and special education do not substitute for the student teaching semester required for licensure in a subject field.

### **Assessment at Program Completion:**

As active participants in this learning community, candidates are expected to assume roles as both learners and teachers in course work and clinical performance. Through personal disposition, classroom performance, and professional action, candidates who complete the teacher preparation program at The University of Montana will be able to:

- demonstrate knowledge of the disciplines and subject matter related to curriculum;
- design and organize learning environments to accommodate learners;
- design interdisciplinary and discrete subject area instruction to achieve curriculum goals;
- use appropriate technologies and resources to enhance instruction and student performance;
- select and design appropriate, authentic means of assessing student learning and progress;
- implement instructional and behavioral management strategies to promote a safe and positive learning environment;
- engage students in learning activities that promote critical and creative thinking;
- communicate clearly, accurately and professionally to diverse audiences;
- reflect on professional practices and demonstrate commitment to fulfilling responsibilities.

### **Indian Education for All**

It is Montana's constitutional intent that the state's education system will recognize the distinct and unique cultural heritage of American Indians and will be committed in its education goals to the preservation of their cultural heritage. The intent of the legislature as expressed in MCA20-1-501, Indian Education for All, is that every Montanan, whether Indian non-Indian, be encouraged to learn about the distinct and unique heritage of American Indians in a culturally responsive manner. It is also intended that educational personnel provide means by which school personnel will gain an understanding for the American Indian people.

Candidates preparing for teaching licensure in all endorsement areas are required to complete a minimum of one course in Native American Studies. Candidates also may choose ANTH 323X, Indians of Montana, to meet this requirement. Throughout their programs of study candidates must demonstrate a) ability to integrate into their content areas knowledge of the history, cultural heritage, and contemporary status of American Indians and tribes in Montana; b) knowledge of how students within different populations, including Montana American Indians, differ in their approaches to learning; and c) ability to create instructional opportunities that are adapted to diverse learners, including situations where concentrated generational poverty has affected student academic achievement.

### **Elementary Education Degree and Licensure Requirements (Grades K-8)**

To qualify for the Montana elementary teaching license, candidates must earn a baccalaureate degree from the University or other approved institution of higher education. The degree in elementary education requires a minimum of 128 credits as specified below. Candidates must complete all specific requirements listed below with a grade of "C-" or better. None of these courses may be taken as credit/no credit except where that is the only grading option.

Elementary education majors meet the upper-division writing expectation by successfully completing C&I 318. Majors must pass the Writing Proficiency Assessment prior to enrolling in C&I 318.

Elementary education candidates must complete a 12-credit minimum area of concentration, selected from one of the following six categories: (1) English/language arts, including reading/literary analysis; (2) fine arts; (3) health and human performance; (4) mathematics; (5) science; and (6) social science.

Candidates interested in preparing to teach K-3 are encouraged to take C&I 330 Early Childhood Education. Those interested in teaching 4-8 are encouraged to take PSYX 230S (PSYC 240S), Child and Adolescent Development.

See the Teacher Education Policy Handbook for additional information regarding the elementary education program, including options and requirements for completing the area of concentration.

## Curriculum for Elementary Education

### First and Second Years Credits

WRIT 101 (ENEX 101) College Writing I	3
SCI 225N, 226N General Science	10
HHP 233 Health Issues of Children and Adolescents	3
PSYX 100S (PSYC 100S) Introduction to Psychology	4
PSCI 210S (PSC 100S) Introduction to American Government	3
HSTA 255 (HIST 269) Montana History	3
GPHY 121S (GEOG 101S) Introduction to Human Geography OR GPHY 141S (GEOG 103S) World Regional Geography	3
M 135-136 (MATH 130-131) Math for K-8 Teachers I & II	9
SCI 350 Environmental Perspectives	2
Selected history course (HSTA 101 or 102 (HIST 151 or 152) recommended)	3-4
Selected literature course	3-4
Native American Studies course	3
Current Standard First Aid and CPR certificates OR HHP 288/289	0-3
Area of concentration	12
"I" Literature Writing course	3

### Third and Fourth Years

*Block I:	
C&I 200 Exploring Teaching Through Field Experiences	1
C&I 303 Educational Psychology and Measurements	3
C&I 306 Instructional Media and Computer Applications	3
C&I 410 Exceptionality and Classroom Management	3
**Block II:	
C&I 300 Field Experience/Elem Language Arts	1
C&I 316 Children's Literature and Critical Reading	3
C&I 318 Teaching Language Arts K-8	3
**Block III:	
C&I 400 or 401 Elem Methods Field Experience: Grades K-3 or 4-8	1
C&I 402 Teaching Mathematics K-8	3
C&I 403 Teaching Social Studies K-8	3
C&I 404 Teaching Science K-8	3
C&I 405 Teaching Reading K-8	3
ART 314A Elementary School Art	3
DAN 327 Dance in Elementary Education	2
DRAM 327 Drama in Elementary Education	2
HHP 339 Instructional Strategies in Elementary Health and Physical Education	3
MUS 335 Music Education in the Elementary School	3
C&I 407E Ethics and Policy Issues	3
C&I 481 Student Teaching: Elementary	14
C&I 494 Professional Portfolio	1
Electives and General Education	0-3

\*Candidates are encouraged to enroll concurrently in the courses listed in Block I.



**\*\*Candidates are required to enroll concurrently in the courses listed in Block II. Students are required to enroll concurrently in the same section of all courses in Block III.**

Candidates may add other courses as necessary to complete a full semester course load. This blocked format allows for integration of curriculum, modeling of cooperative learning and collaborative teaching, and corresponding developmental field experiences.

### **Secondary Teaching Licensure Requirements (Grades 5-12)**

To qualify for the Montana secondary teaching license, individuals must earn a baccalaureate degree from the University of Montana or other approved institution of higher education in the content area(s) they plan to teach at the middle and/or high school level. They also must complete the corresponding requirements for the teaching major/minor (see below). If the chosen major does not qualify as a single-field endorsement, individuals also must complete requirements for a teaching minor. All requirements listed below must be completed with a grade of C- or better. None of these courses may be taken credit/no credit except where that is the only grading option.

Candidates should seek advising from both the degree-granting departments and the Department of Curriculum and Instruction. Candidates are encouraged to complete licensure in more than one teaching field, even if the chosen field qualifies as a single-field endorsement.

See the Teacher Education Policy handbook for additional information regarding the secondary licensure program.

#### **Curriculum for Secondary Licensure**

<b>First and Second Years</b>	<b>Credits</b>
WRIT 101 (ENEX 101) College Writing I	3
PSYX 100S (PSYC 100S) Introduction to Psychology	4
HHP 233 Health Issues of Children and Adolescents	3
Current Standard First Aid and CPR certificates or HHP 288/289	0-3
Native American Studies course	3
Electives, General Education and/or Courses in Major and/or Minor Teaching Field(s)	Variable

#### **Third and Fourth Years**

\*Block I:

C&I 200 Exploring Teaching through Field Experiences	1
C&I 303 Educational Psychology and Measurements	3
C&I 306 Instructional Media and Computer Applications	3
C&I 410 Exceptionality and Classroom Management	3

Block II:

C&I 301 or 302 Professional Field Experience: Grades K-8 or 9-12 (coreq with content area methods course)	1
C&I 427 Literacy Strategies in Content Areas	3
Teaching field(s) methods course(s)	Variable
C&I 407E Ethics and Policy Issues	3
C&I 482 Student Teaching: Secondary	14
C&I 494 Professional Portfolio	1

\* Candidates are encouraged to enroll concurrently in the courses listed as "blocked" in each of two professional semesters. They add other courses as desired or necessary to complete a full semester course load. This blocked format allows for integration of curriculum, modeling of cooperative learning and collaborative teaching, and corresponding developmental field experiences.

**Licensure in Library Media:** The library media program is designed to prepare library media specialists for K 12 settings. This on-line program is combined with that of UM-Western. To be eligible for library media licensure, candidates must meet the teacher licensure requirements as well as complete a minimum of 27 credits in the following required courses: C&I 316, 470, 479, 480, 483, 484, 485, 488, and LIB 461 offered through UM-Western. Equivalent courses from UM-Western for C&I 316, 470, 479, and 485 may substitute for C&I courses. C&I graduate courses also may substitute for 316, 470 and 479.

**Licensure in Reading:** The reading program is designed to enhance the diagnostic and instructional skills of K 12 classroom teachers and remedial reading teachers. Upon completion, candidates may apply for the State of Montana K-12 reading endorsement. The program follows the philosophy of the International Reading Association. The undergraduate reading minor requires the following courses: C&I 316, 470, 318, 405, 427, 433, 435, and 437.

**Licensure in Special Education:** The Special Education program prepares teachers to work with children who are at-risk and children with disabilities in inclusive settings. To be eligible for a K 12-non categorical endorsement in the State of Montana, candidates accepted into the program must complete the following courses: C&I 420 or elective, 433, 453, 457, 459, 463, 469. Candidates complete C&I 410 or equivalent prior to beginning the endorsement or in the first semester. The last semester consists of student teaching which may be completed with student teaching in general education.

## Requirements for Non-Teaching Minors

### Library Media

To complete a non-teaching minor in library media, the individual must complete the following courses:

	<b>Credits</b>
C&I 316 Children's Literature and Critical Reading	3
C&I 470 Young Adult Literature	3
C&I 479 Reference Resources	3
C&I 480 Collection Development	3
C&I 483 Library Media Technical Processes	3
C&I 484 Administration and Assessment of Library-Media Programs	3
C&I 485 Library-Media Practicum	3
C&I 488 Libraries and Technology	3
LIB 461 Information Literacy	3
Total	27

### Administrative Systems Management

To earn a non teaching minor in administrative systems management the individual must complete the following courses:

	<b>Credits</b>
ACTG 201 (ACCT 201) Financial Accounting	3
BADM 257 Business Law	3
C&I 287 Business Communications	3
C&I 341 Information Systems and Design	3
C&I 444 Advanced Technology and Supervision	3
CS 172 Introduction to Computer Modeling	3
ECNS 201S (ECON 111S) Principles of Microeconomics	3
M 115 (MATH 117) Probability and Linear Math	3
MGMT 340S Management and Organizational Behavior	3
Total Credits	27

## Course Requirements for Major and Minor Teaching Fields

Individuals who wish to qualify for the Montana secondary teaching license must, according to the regulations of the State Office of Public Instruction which were in effect when this catalog was printed, complete requirements for a major teaching field (30 or more credits, depending on the field) and a minor teaching field (20 or more credits, depending on the field) in areas commonly taught in high schools. In the event that the Montana Office of Public Instruction changes the program standards of major and minor teaching fields, the University reserves the right to modify the requirements listed for them.

### Art

Grades K-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of Art, a student must complete the requirements for a Bachelor of Arts with a major in Art with an Art Education option (see the Department of Art section in this catalog and below). Individuals holding a baccalaureate degree must meet those requirements by completing the courses or demonstrate course equivalency.

	<b>Maj.</b>
ART 101A Visual Language: Drawing	3
ART 102A Visual Language: 2-D Design	3
ART 103A Visual Language: 3-D Design	3
ART 150H-151H Art of Western Civilization	6
ART 203 Introduction to Art Criticism	3
ART 215 Photography I	3
ART 223 Drawing I	3
ART 229 Ceramics I	3
ART 231, 232, 233, 234 Printmaking (choose one)	3
ART 235 Sculpture I	3

ART 240 Painting I	3
ART 323 Drawing II	3
ART 407-408 Teaching K-12 Art (coreq C&I 301 or 302)	6
DAN 427 Teaching Creative Movement	3
ART upper-division studio courses	9
ART upper-division art history courses	6
ART upper-division art criticism	3
Total Credits	66

### Biology

Grades 5-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of Biology a student must complete the requirements for the B.A. with a major in Biology, option in Biological Education (see the Biology section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For endorsements in the minor teaching field of Biology, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
BIOL 108N-109N Diversity of Life	5	5
BIOL 110N Principles of Biology	4	4
BIOL 221 Cell and Molecular Biology	4	4
BIOL 223 Genetics and Evolution	4	4
BIOL 301 Developmental Biology or BIOL 345 Principles of Physiology	3	-
BIOL 340-341 Ecology and Laboratory	5	5
BIOL 444-445 Plant Physiology and Laboratory	4	-
MICB 300-301 General Microbiology and Laboratory	5	5
C&I 426 Teaching Science in Middle and Secondary Schools (coreq C&I 301 or 302)	3	3
M 162 (MATH 150) Applied Calculus or M 171 (MATH 152) Calculus I	4	4
STAT 216 (MATH 241) Introduction to Statistics	4	4
CHMY 121N, 123N, 124N (CHEM 151N-152N, 154N) General and Inorganic and Organic and Biological Chemistry and Laboratory (major only)	8	6
CHMY 485 Laboratory Safety	1	1
PHYS 111N-113N Fundamentals of Physics I/Lab	5	-
GEO 301 Environmental Geology	2-3	2-3
Total Credits	61-	47-
	62	48

A biology major qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

### Business and Information Technology Education

Grades 5-12. Qualifies as a single-field endorsement.

For licensure in the major teaching field of Business and Information Technology Education, a student must complete the requirements for a B.S. in Business Administration with a major in Information Systems (see below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For licensure in the minor teaching field of business and information technology education, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
ACTG 201 (ACCT 201) Financial Accounting	3	3
ACTG 202 (ACCT 202) Managerial Accounting	3	-
BADM 257 Business Law	3	3
C&I 287 Business Communications	3	3
C&I 341 Information Management & Design	3	3
C&I 429 Teaching Business Subjects (coreq C&I 301 & 302)	4	4

C&I 444 Advanced Technology and Supervision	3	3
COMM 111A Introduction to Public Speaking	3	-
CS 172 Introduction to Computer Modeling	3	3
ECNS 201S (ECON 111S) Principles of Microeconomics	3	3
ECNS 202 (ECON 112S) Principles of Macroeconomics	3	-
FIN 322 Business Finance	3	-
MIS 270 Management Information Systems	3	-
MIS 341 Operations Management	3	-M
MIS 370 Database Management Systems	3	-
MIS 371 Business Applications Development	3	-
MIS 372 Telecommunications Management	3	-
MIS 373 Systems Analysis and Design	3	-
MIS 476 Project Management	3	-
M 115 (MATH 117) Probability and Linear Math	3	3
STAT 216 (MATH 241) Introduction to Statistics	4	-
MGMT 340S Management and Organizational Behavior	3	-
MGMT 445 Small Business Administration or MGMT 446 Strategic Management or IS 448 Management Game	3	-
MKTG 360 Marketing Principles	3	3
Total Credits	74	31

Business and Information Technology Education qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

#### Chemistry

Grades 5-12. Qualifies as a single-field endorsement.

For an endorsement in the major teaching field of Chemistry, a student must complete the requirements for the B.A. with a major in Chemistry, with appropriate electives, and with the addition of CHMY 485 (CHEM 485). A student also must complete STAT 216 (MATH 241), BIOL 380, C&I 426 and SCI 350 (see the Department of Chemistry section of this catalog and below). The foreign language requirement is waived by the Department of Chemistry for students using the B.A. degree for teacher licensure. Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For endorsement in the minor teaching field of Chemistry, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj. Min.</b>	
CHMY 101N Chemistry for the Consumer	-	3
CHMY 141N & 143N (CHEM 161N-162N) College Chemistry and Laboratory	10	10
CHMY 221-222-223 Organic Chemistry and Laboratory	-	8
CHMY 221, 222, 223, 225 (CHEM 264) (or 224 in place of 225 (CHEM 264)) Organic Chemistry and Laboratory	10	-
CHMY 302E (CHEM 334) Chemistry Literature and Scientific Writing	3	-
CHMY 360 (CHEM 370) Applied Physical Chemistry or CHMY 373 (CHEM 371) Phys Chem-Kntcs & Thrmdynmcs	-	3-4
CHMY 373-371 (CHEM 371-372) Phys Chem-Qntm Chm & Spctrsopy & Phys Chem-Kntcs & Thrmdynmcs	8	-
CMHY 311 (CHEM 341) Analytical Chem-Quant Analysis	4	4
CHMY 421 (CHEM 342) Advanced Instrument Analysis	4	-
CHMY 401-403 (CHEM 452-453) Advanced Inorganic Chemistry & Descriptive Inorganic Chem	6	-
CHMY 485 Laboratory Safety	1	1
CHMY 494 Seminar/Workshop	1	-
BIOC 380 Fundamentals of Biochemistry	4	4
CS 172 Computer Modeling	3	3
M 171, 172, AND 273 (MATH 152, 153, and 251) Calculus I, II, and III	12	-
M 171 (MATH 152) Calculus I	-	4
STAT 216 (MATH 241) Introduction to Statistics	4	4
PHYS 211N-213-212N-214N Fundamentals of Physics with Calculus I & II & Labs	10	-
PHYS 111N-113N-112N-114N Fundamentals of Physics I & II & Labs	-	10
SCI 350 Environmental Perspectives	2	2
C&I 426 Teaching Science in Middle & Secondary Schools (coreq C&I 301 or 302)	3	3
Total Credits	85	59

A chemistry major qualifies as a single-field endorsement.

Although not required, it is recommended that students complete a second teaching major or minor.

### **Drama**

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Drama, a student must complete the requirements for the B.A. with a major in Drama, Education Endorsement Preparation specialization (see the School of Theatre & Dance section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

	<b>Maj.</b>
DAN 327 Dance in Elementary Education	2
DRAM 103 Introduction to Theatre Design	3
DRAM 106A Theatre Production I: Running Crew	1
DRAM 107A Theatre Production I: Construction Crew	3
DRAM 108 Introduction to House Management	1
DRAM 202 Stagecraft I	3
DRAM 203 Stagecraft II	3
DRAM 210 Voice and Speech I	2
DRAM 214-215 Acting I, II	6
DRAM 220L Dramatic Literature I (Script Analysis)	3
DRAM 244 Stage Makeup	2
DRAM 320H-321H Theatre History I, II	6
DRAM 327 Drama in Elementary Education	2
DRAM 371 Stage Management I	2
DRAM 379 Introduction to Directing	3
DRAM 402 Methods of Teaching Theatre	2
Senior Project	
Total Credits	44

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or teaching minor) should be in a field in high demand.

### **Earth Science**

Grades 5-12. Major only. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Earth Science, a student must complete the requirements for the B.S. with a major in Geosciences, Earth Science Education option (see the Department of Geosciences section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

	<b>Maj.</b>
GEO 101N-102N (GEOS 100N-101N) Intro to Physical Geology & Lab	4
GEO 105N Oceanography	2
GEO 231 Geosciences Field Methods (GEOS 230)	3
GEO 226 Rocks, Minerals & Resources	4
GEO 301 Environmental Geology	3
GEO 310 Invertebrate Paleontology	3
GEO 315 (GEOS 330) Structural Geology	3
GEO-any course numbered 100 or above	3
GEO-Courses numbered 300 or above	12
ERTH 303N Weather and Climate (GEOG 322N Meteorology)	3
ASTR 131N-132N Elementary Astronomy	6
M 151 (MATH 121) Precalculus	4
STAT 341 (MATH 341) Introduction to Probability and Statistics	3
CS 172 Introduction to Computer Modeling or equivalent	3
C&I 426 Teaching Science in Middle and Secondary Schools (coreq. C&I 301 OR 302)	3
BIOL 121N-122N Introductory Ecology and Laboratory or CHMY 121N-123N (CHEM 151N-152N)Intro to General Chemistry &	4-10

Intro to Organic & Biochem or Phys 111N-113N-112N-114N Fundamentals of Physics I & II /Lab	1
CHMY 485 Laboratory Safety	63-
Total Credits	69

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or teaching minor) should be in a field in high demand.

### Economics

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Economics, a student must complete the requirements for the B.A. with a major in Economics (see the Department of Economics section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Economics, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
ECNS 201S-202S (ECON 111S-112S) Principles of Micro- and Macroeconomics	6	6
ECNS 320 (ECON 304) Public Finance: Expenditures	3	3
ECNS 301 (ECON 311) Intermediate Microeconomics with Calculus	3	3
ECNS 302 (ECON 313) Intermediate Macroeconomics	3	3
ECNS 313 (ECON 317) Money and Banking	3	3
ECNS 312 (ECON 323) Labor Economics	3	3
ECNS 403 (ECON 460) Introduction to Econometrics	3	-
Economics electives	6	-
ECNS 494-499 (ECON 487-489) Senior Thesis sequence	6	-
C&I 428 Teaching Social Studies in Middle and Secondary Schools (coreq. C&I 301 or 302)	3	3
M 115 (MATH 117), 162 (MATH 150) or 171-172 (MATH 152-153) Probability, Linear Math, Applied Calculus OR Calculus I, II	7-8	-
STAT 216 (MATH 241) Introduction to Statistics	4	-
Total Credits	51	24

The demand for teaching in this field is limited. The second endorsement (either teaching major or teaching minor) should be in a field in high demand.

### English

Grades 5-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of English, a student must complete the requirements for the B.A. with a major in English, English Teaching option (see the Department of English section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of English, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalent.

	<b>Maj</b>	<b>Min.</b>
LIT 220L (ENLT 217L) Brit Lit: Med to Renaissance or LIT 221L (ENLT 218L) Brit Lit: Enlightenment to Rom	3	3
Choose 2: LIT 222L (ENLT 219) Brit Lit: Victoriam to Contemp, LIT 210L (ENLT 224L) American Lit I, LIT 211L (ENLT 225L) Americal Lit II	6	6
LIT 300 (ENLT 301) Literary Criticism	3	3
LIT 327 (ENLT 320) Shakespeare	3	3
One course in poetry chosen from LIT 120L (ENLT 121L), LIT 201 or ENCR 211A	3	-
One 300-level LIT course with an American literature focus	3	3
One 300-level ENLT course with a diversity focus	3	3
ENLI 465 Structure and History of English for Teachers	3	3
ENT 439 Studies in Young Adult Literature	3	3
ENT 440 Teaching Writing	3	3

ENT 441 Teaching Reading and Literature	3	3
ENT 442 Teaching Oral Language and Media Literacy (coreq. C&I 301 or 302 with either ENT 440, 441, or 442)	3	3
English Electives	6	-
Total Credits	45	36

An English major qualifies for a single-field endorsement.

Although not required, it is recommended that students complete a second teaching major or minor.

**English as a Second Language\***

Grades K-12. Minor only.

For an endorsement in the minor teaching field of English as a Second Language, a student must complete the courses in the minor teaching field as listed in the Linguistics section of this catalog and listed below or demonstrate course equivalency.

	<b>Min.</b>
LING 470 Introduction to Linguistic Analysis	3
LING 471 Phonology and Morphology	3
LING 472 Syntax and Semantics	3
LING 477 Bilingualism or 478 Second Language Acquisition	3
At least two courses from the following:	
LING 466 Pedagogical Grammar	
LING 473S Language and Culture	
LING 475 Linguistics Field Methods	
LING 476 Child Language Acquisition	
LING 489 Languages of the World	6
LING 480 Teaching English as a Foreign Language (coreq. C&I 301 or 302)	3
LING 491 ESL Senior Seminar	3
Total Credits	24

\*Students must have the equivalent of two years of a foreign language. Non-native speakers of English must take an English competency examination administered by the chair of the Linguistics Program. Courses required for the teaching minor cannot be taken on a credit/no credit basis.

**French\***

Grades K-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of French, a student must complete the requirements for the B.A. with a major in French including FREN 401 and MCLG 410 (see the Department of Modern and Classical Languages and Literatures section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of French, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
FRCH 101-102 (FREN 101-102) Elementary French	10	10
FRCH 201-202 (FREN 201-202) Intermediate French	8	8
FRCH 301 (FREN 301) Oral and Written Expression	3	3
FRCH 350 (FREN 302) French Civilization and Culture	3	3
FRCH 311-313 (FREN 311-313) Survey of French Literature	9	-
FRCH 400 (FREN 401) Applied Linguistics	3	3
FRCH 421 (FREN 408) Advanced Composition and Conversation	3	-
FRCH (FREN) literature at the 400-level	6	-
FRCH (FREN) upper-division electives	3	-
HSTR - one course from 306, 307, 315, 317, 312, 352, 353 ( HIST 306, 307, 310, 311H, 312H, 314, 315)	3	-
LING 270 Introduction to Linguistics	3	3
MCLG 410 Methods of Teaching Foreign Languages (prereq. to student teaching; coreq. C&I 301 or 302)	3	3
Total Credits	57	33

\*The Department of Modern and Classical Languages and Literatures requires a recommendation of the student's language proficiency and an overall minimum grade point average of 3.00 in upper-division course work in both the teaching major and minor as a prerequisite to student teaching. Study in a French language country, provided either through UM's Study Abroad Program or an experience considered to be equivalent also is required.

A French major qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

#### General Science Broadfield Major

Grades 5-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major field of General Science, a student must complete the requirements for the B.A. with a major in Biology, Ecology option (see the Biology section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

ASTR 131N, 134N Elementary Astronomy and Laboratory	4
BIOL 108N-109N Diversity of Life and Laboratory	5
BIOL 110N Principles of Biology	4
BIOL 221 Cell and Molecular Biology	4
BIOL 223 Genetics and Evolution	4
BIOL 340-341 Ecology and Laboratory	5
CHMY 141N-143N (CHEM 161N-162N) College Chemistry I & II and Laboratory	10
CHMY 123N (CHEM 152N) Intro to Organic and Biological Chemistry	3
CHMY 485 Laboratory Safety	1
GEO 101N-102N (GEOS 100N-101N) Intro to Physical Geology and Laboratory	3
GEO 301 Environmental Geology	3
M 162 (MATH 150) Applied Calculus or M 171 (MATH 152) Calculus I	4
STAT 216 (MATH 241) Introduction to Statistics	4
PHYS 111N-113N-112N-114N Fundamentals of Physics I & II & Labs or 211N-212N-213N-214N Fundamentals of Physics with Calculus I & II & Labs	10
C&I 426 Teaching Science in Middle and Secondary Schools (coreq. C&I 301 or 302)	3
Total Credits	67

#### Geography

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Geography, a student must complete the requirements for the B.A. degree with a major in Geography (an option is not required; see the Department of Geography section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Geography, a student must complete the courses for the minor teaching field listed below or demonstrate course equivalency.

	Maj	Min.
GPHY 121S (GEOG 101S) Human Geography	3	3
GPHY 111N (GEOG 102) Introduction to Physical Geography	3	3
GPHY 112 (GEOG 105) Intro to Phys Geography Laboratory	1	1
GPHY 141S (GEOG 103S) Geography of World Regions or GPHY 241S (GEOG 201S) Montana or another regional course	3	3
GPHY 385 Field Techniques or GPHY 497 (GEOG 471) Workshop in Teaching Geography	2-3	-
GPHY 381/382 (GEOG 387/389) Principles of Digital Cartography and Laboratory	4	-
(minor may choose GPHY 385 or GPHY 381/382 (GEOG 387/389)	-	2-4
Three upper-division systematic geography courses one each from the fields of physical geography, human-environmental interaction, and geography and society (two for minor)	9	6
C&I 428 Teaching of Social Studies in Middle and Secondary School (coreq. C&I 301 or 302)	3	3
Electives	7-8	-
Total Credits	36	21-23

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or teaching minor) should be a field in high demand.



**German\***

Grades K-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of German, a student must complete the requirements for the B.A. with a major in German including MCLG 410 (see the Department of Modern and Classical Languages and Literatures section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of German, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
GRMN 101-102 (GERM 101-102) Elementary German	10	10
GRMN 201-202 (GERM 201-202) Intermediate German	8	8
GRMN 301-302 (GERM 301-302) Oral and Written Expression I and II	6	6
GRMN 311 and 312 and 318 (GERM 311-313) Intro to German Literature	6	-
GRMN 400 (GERM 403) Applied Linguistics	3	3
GRMN (GERM) literature at 400-level	6	-
Two courses from the following: GRMN 351H, 352H, 350, 361L, 362H (303H, 304H, 355, 361L or 362H)	6	-
GRMN 351H, 352H, 350, 361L, or 362H (GERM 303H, 304H, 355, 361L or 362H)	-	3
LING 270S Introduction to Linguistics	3	3
MCLG 410 Methods of Teaching Foreign Languages (prereq. to student teaching; coreq. C&I 301 or 302)	3	3
Total Credits	51	36

\*The Department of Modern and Classical Languages and Literatures requires a recommendation of the student's language proficiency and an overall minimum grade point average of 3.00 in upper-division course work in both the teaching major and minor as a prerequisite to student teaching. Study in a German language country, provided either through UM's Study Abroad Program or an experience considered to be equivalent also is required.

A German major qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

**Government**

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Government, a student must complete the requirements for the B.A. degree with a major in Political Science (see the Department of Political Science section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Government, a student must complete the courses for a minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
PSCI 210S (PSC 100S) Introduction to American Government	3	3
PSCI 220S (PSC 120S) Introduction to Comparative Government	3	3
PSCI 230X(PSC 130E) International Relations	3	3
PSCI 250E (PSC 150E) Political Theory	3	3
PSCI (PSC) one 300-400 level course in four of the five fields:		
1) American Government		
2) Public Administration		
3) Political Theory		
4) Comparative Government		
5) International Relations	12	-
PSCI (PSC) one 300-400 level course in three of the five fields:		
1) American Government		
2) Public Administration		
3) Political Theory		
4) Comparative Government		
5) International Relations	-	9

PSCI (PSC) electives in upper- division political science	12	-
C&I 428 Teaching Social Studies in Middle and Secondary Schools (coreq. C&I 301 or 302)	3	3
Total Credits	39	24

The teaching major must include 21 upper-division political science credits. The teaching minor must include 9 upper-division political science credits.

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or a teaching minor) should be in a field in high demand.

### Health and Human Performance

Grades K-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of Health and Human Performance, a student must complete the requirements for a B.S. in Health and Human Performance with an option in Health Enhancement (see the Department of Health and Human Performance section of this catalog and below). Individuals holding a baccalaureate degree must meet those requirements by completing the courses listed below or demonstrate course equivalency.

Students seeking an endorsement in Health and Human Performance must earn a minimum grade of C- in all required courses, including prerequisites. All HHP majors must be certified in First Aid/Emergency Care and CPR (see First Aid and CPR Exit Certifications within the Department of Health and Human Performance section of this catalog) upon entry into student teaching.

	<b>Maj.</b>
HHP 181 Foundations of Health and Human Performance	3
HHP 184 Personal Health and Wellness	3
HHP 224-225 Professional Activities	4
HHP 226 Physical Conditioning/Weight Training	2
HHP 233 Health Issues of Children and Adolescents	3
HHP 236 Nutrition	3
HHP 288-289 First Aid/Emergency Care and Laboratory	0-3
HHP 301 Instructional Strategies in Secondary Health and Physical Education (coreq. C&I 301 or 302)	3
HHP339 Instructional Strategies in Elementary Health and Physical Education (coreq. C&I 301 or 302)	3
HHP 361 Assessment in Physical and Health Education	3
HHP 368-369 Applied Anatomy and Kinesiology and Laboratory	4
HHP 377 Physiology of Exercise (prereq. SCN 201N-202N)	3
HHP 378 Physiology of Exercise Laboratory	1
HHP 384 Motor Learning	3
HHP 450 Analytical and Communication Techniques	3
HHP 465 Management in Health and Human Performance Professions	3
HHP 466 Strategies in K-12 Health Education	3
HHP 475E Legal and Ethical Issues in the Health and Exercise Profession	3
BIOL 106N Elementary Medical Microbiology	3
BIOL 121N Introductory Ecology or SCI 350 Environmental Perspectives	2-3
CHEM 151N General & Inorganic Chemistry	3
COMM 111A Introduction to Public Speaking	3
CS 171 Communicating Via Computers	3
STAT 216 (MATH 241) Introduction to Statistics	4
PSYX 230S (PSYC 240S) Developmental Psychology	3
SCN 201N-202N Anatomy and Physiology I and II	8
Total Credits	76-80

A Health and Human Performance major qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

### History

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of History, a student must complete the requirements for the B.A. with a major in History (see the Department of History section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements

by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of History a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
HSTR 101H or 102H Western Civilization (HIST 104H or 105H)	4	4
HSTA 101H-102H American History I & II (HIST 151H-152H)	4	8
HSTA 255 (HIST 269) Montana History	3	3
HSTR 300 (HIST 300) The Historians' Craft	3	3
HSTR (HIST) electives in Asian, Islamic, African, and Latin American	9	6
Upper-division courses in American history	6	3
Upper-division courses in European history	6	3
History electives upper-division courses in history	6	-
C&I 428 Teaching Social Studies in Middle and Secondary Schools (coreq C&I 301 or 302)	3	3
Total Credits	44	33

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or a teaching minor) should be in a field in high demand.

#### **Latin\***

Grades K-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Latin, a student must complete the requirements for the B.A. with a major in Classics, Latin option, as well as MCLG 410 (see Department of Modern and Classical Languages and Literatures section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Latin, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
LATN 101-102 (LAT 101-102) Elementary Latin or equivalent	10	10
LATN 201-202 (LAT 211-212) Intermediate Latin	7	7
LATN 311 (LAT 300) Major Latin Authors	15	6
LATN 402 (LAT 402) Advanced Prose Composition	3	3
MCLG 155L Survey Greek & Roman Literature	3	-
MCLG 160L Classical Mythology	3	-
MCLG 251L The Epic or MCLG 252L Tragedy	3	-
MCLG 361H Roman, Early Christian, and Byzantine Art	3	-
Nine credits from: MCLG 301, 302, 320, 360H, 362; PHIL 251H, 461, 463; RELS 311, 312	9	-
MCLG 410 Methods of Teaching Foreign Languages (prereq. to student teaching; coreq C&I 301 or 302)	3	3
HSTR 304H (HIST 303H) Ancient Rome	3	-
Total Credits	47	29

\*The Department of Modern and Classical Languages and Literatures requires a recommendation of the student's language proficiency and an overall minimum grade point average of 3.00 for upper-division course work in both the teaching major and minor as a prerequisite to student teaching.

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or minor) should be in a field in high demand.

#### **Library Media**

Grades K-12. Minor Only.

	<b>Min.</b>
C&I 316 Children's Literature and Critical Reading	3
C&I 470 Young Adult Literature and Critical Reading	3
C&I 479 Reference Resources	3

C&I 480 Collection Development	3
C&I 483 Library Media Technical Processes	3
C&I 484 Administration and Assessment of Library Media Program	3
C&I 485 Library Media Practicum	3
C&I 488 Libraries and Technology	3
LIB 461 Information Literary	3
Total Credits	27

A Library Media Practicum is separate from student teaching. It includes 90 hours of field work in a library and 10 hours of seminar. Equivalent courses from UM-Western may substitute for C&I 316, 470, 479, and 485. C&I graduate courses also may substitute for 316, 470, and 479.

### Mathematics

Grades 5-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of Mathematics, a student must complete the requirements for the B.A. degree with a major in Mathematics with a Mathematics Education option (see Department of Mathematical Sciences section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Mathematics, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj</b>	<b>Min.</b>
M 171-172 (MATH 152-153) Calculus I, II	8	8
M 221 (MATH 221) Linear Algebra	4	4
M 301 (MATH 301) Mathematics with Technology for Teachers	3	3
M 307 (MATH 305) Introduction to Abstract Mathematics	3	3
M 326 (MATH 326) Elementary Number Theory	3	3
STAT 341 (MATH 341) Introduction to Probability & Statistics	3	3
M 406 (MATH 406) History of Mathematics	3	-
M 431 (MATH 421) Abstract Algebra	4	-
M 439 (MATH 431) Euclidean & Non-Euclidean Geometry	3	3
M 273 (MATH 251) or additional 300-400-level course	3-4	-
C&I 430 Teaching Math in Middle and Secondary Schools (coreq. C&I 301 or 302)	4	4
Total Credits	41-42	31

A math major qualifies as a single-field endorsement if a student also completes 12 science credits. Although not required, a second teaching major or minor is recommended.

### Music

Grades K-12. Qualifies as a single-field endorsement.

For an endorsement in the extended major teaching field of Music, a student must complete the requirements for a Bachelor of Music Education degree (see the Music section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

	<b>Maj.</b>
MUS 100A Performance Study	2
MUS 151-251-351 Principal Performance	5
MUS 107A/307A-108A/308A-104A/304A-110A/310A -150A/350 Ensembles	7
MUS 111-112 Theory I, II	4
MUS 115A-116A Piano in Class I, II	2
MUS 117A Voice in Class	1
MUS 124-131 Strings, Woodwinds, Brass, Percussion Class	8
MUS 135L Introduction to Music Literature	3
MUS 137-138 Aural Perception I, II	4
MUS 211-212 Theory III, IV	4
MUS 215-216 Intermediate Piano in Class I, II	2

MUS 219 Piano Proficiency Assessment	0
MUS 220 Upper-Division Required Performance	0
MUS 237-238 Aural Perception III, IV	4
MUS 302 Instrumental Conducting	2
MUS 303 Choral Conducting	2
MUS 305 Instrumental Methods and Materials	2
MUS 306 Choral Methods and Materials	2
MUS 322-323 General Music Methods and Materials I, II (coreq. C&I 301 or 302) MUS 324H-325H History of Music I, II	6
MUS 388 Concert Attendance	0
MUS 428 Orchestration	2
MUS upper-division electives	3-4
Total Credits	71-72

Music students should refer to the Department of Music section of this catalog for requirements concerning upper-division music course work.

### Physics

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Physics, a student must complete the requirements for the B.A. with a major in Physics (see the Department of Physics and Astronomy section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Physics, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj.</b>	<b>Min.</b>
PHYS 111N-113N-112N-114N Fundamentals of Physics I & II & Labs or 211N-212N-213N-214N Fundamentals of Physics with Calculus I & II & Labs	10	10
PHYS 301 Mathematical Methods for Physical Scientists	3	-
PHYS 325 Optics	3	3
PHYS 330 Methods of Communicating Physics	3	3
PHYS 341 Fundamentals of Modern Physics	3	3
PHYS 371 Classical Mechanics	3	3
PHYS 414 Electromagnetism I	3	-
PHYS 461 Quantum Mechanics I	3	-
Electives-courses in physics	3	-
ASTR 131N-132N Elementary Astronomy	6	3
M 171-172 (MATH 152-153) Calculus I and II	8	8
STAT 216 (MATH 241) introduction to Statistics or STAT 341 (MATH 341) Introduction to Probability and Statistics	3-4	3-4
M 273 (MATH 251) Multivariate Calculus	4	4
M 311 (MATH 311) Ordinary Differential Equations	3	3
CS 101 Intro to Programming or CS 131 Fundamentals of Computer Science I or CS 201 Programming Languages	3	3
C&I 426 Teaching Science in Middle and Secondary Schools	3	-
CHMY 121N (CHEM 151N) Intro to General Chemistry	3	3
CHMY 485 Laboratory Safety	1	1
BIOL 110N Principles of Biology or BIOL 108N Diversity of Life or BIOL 120N General Botany or BIOL 121N Introductory Ecology	3	3
GEO 101N-102N (GEOS 100N-101N) Intro to Physical Geology & Laboratory	3	-
GEO 301 Environ Geology or EVST 101 Environ Sci or SCI 350 Environ Perspect	2-3	-
Total Credits	76- 78	53- 54

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or a teaching minor) should be in a field in high demand.

### Psychology

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Psychology, a student must complete the requirements for the B.A. degree with a major in Psychology, General option (see the Department of Psychology section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Psychology, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj.</b>	<b>Min.</b>
PSYX 100S (PSYC 100S) Introduction to Psychology	4	4
PSYX 120 (PSYC 120) Introduction to Psychological Research	3	3
PSYX 222 (PSYC 220) Psychological Statistics	3	-
At least two of the following for the major:		
PSYX 270S (PSYC 260S) Fundamental Psychology of Learning		
PSYX 280S (PSYC 265S) Fund of Memory & Cognition		
PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology	6	-
At least four of the following for the major:		
PSYX 230S (PSYC 240S) Child and Adolescent Psychology		
PSYX 233 (PSYC 245) Fund of Psychology of Aging		
PSYX 340S (PSYC 330S) Abnormal Psychology		
PSYX 360S (PSYC 350S) Social Psychology		
PSYX 385S (PSYC 351S) Psychology of Personality	12	-
At least one of the following for the minor:		
PSYX 230S (PSYC 240S) Child and Adolescent Psychology		
PSYX 360S (PSYC 350S) Social Psychology		
PSYX 385S (PSYC 351S) Psychology of Personality	-	3
At least one of the following for the major:		
M 115 (MATH 117) Probability, Linear Mathematics		
M 162 (MATH 150) Applied Calculus		
M 171 (Math 152) Calculus I	3-4	-
At least one of the following for the minor:		
PSYX 378S (PSYC 335S) Introduction to Clinical Psychology		
PSYX 340S (PSYC 330S) Abnormal Psychology		
PSYX 345 (PSYC 336) Child and Adolescent Psychological Disorders		
PSYX 376 (PSYC 337) Principles of Cognitive Behavior Modification	-	3
Four other psychology courses (at least three of which must be at the 200-level or higher), not to include PSYX 292, 392, 398, 494, or 499 (PSYC 296, 396, 398, 398, 493 or 499)	12	-
Two of the following for the minor:		
PSYX 270S (PSYC 260S) Fundamental Psychology of Learning		
PSYX 233 (PSYC 245) Fund of Psychology of Aging		
PSYX 250N (PSYC 270N) Fundamentals of Biological Psychology		
PSYX 356 (PSYC 371) Fundamentals of Human Neuropsychology		
PSYX 352 (PSYC 372) Intermediate Behavioral Biology	-	6
Additional PSYX elective credits for the minor	-	3
C&I 428 Teaching Social Studies in Middle Schools (coreq. C&I 301 or 302)	3	3
Total Credits	46-	25-
	47	26

At least six of the 22 PSYX credits for the minor must be at the 300-level or above.

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or a teaching minor) should be in a field in high demand.

#### Reading

Grades K-12. Minor only.

**Min.**

C&I 316 Children's Literature and Critical Reading	3
C&I 470 Young Adult Literature and Critical Reading	3
C&I 318 Teaching Language P-8	3
C&I 405 Teaching Reading K-8	3
C&I 427 Literacy Strategies in Content Areas	3
C&I 433 Basic Diagnosis and Correction of Reading and Writing	3
C&I 435 Organizing Classroom Reading and Writing Programs	3
C&I 437 Application of Literacy Models	6
Total Credits	27

#### Russian\*

Grades K-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Russian, a student must complete the requirements for the B.A. with a major in Russian including Russ 301 302 and MCLG 410 (see the Department of Modern and Classical Languages and Literatures section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Russian, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj. Min.</b>	
RUSS 101-102 Elementary Russian	10	10
RUSS 201-202 Intermediate Russian	8	8
RUSS 301 Oral and Written Expression	3	3
RUSS 302 Russian Culture and Civilization	3	3
RUSS 311L-313L (RUSS 305L-307L) Introduction to Russian Literature (minors take 312L (306L))	9	3
RUSS upper-division electives	9	-
MCLG 410 Methods of Teaching Foreign Languages (prereq. to student teaching; coreq. C&I 301 or 302)	3	3
HSTR (HIST) one course in Russian history	3	-
Total Credits	45	30

\*The Department of Modern and Classical Languages and Literatures requires a recommendation of the student's language proficiency and an overall minimum grade point average of 3.00 in upper-division course work in both the teaching major and minor as a prerequisite to student teaching.

The demand for teaching in the field is limited. The required second endorsement (either a teaching major or a teaching minor) should be in a field in high demand.

#### Comprehensive Social Science

Grades 5-12. Qualifies as a single-field endorsement.

Students who want to be licensed to teach history, government, and one additional social science at the middle and high school level must complete the B.A. degree requirements for the combined academic major in history and political science, shown below. Individuals holding a baccalaureate degree must show evidence of completing the courses listed below or demonstrate course equivalency.

	<b>Maj.</b>
HSTR 101H OR HSTR 102H Western Civilization (HIST 104H or 105H)	4
HSTA 101H-102H American History I & II (HIST 151H-152H)	8
HSTA 255 (HIST 269) Montana History	3
HSTR 300 (HIST 300) The Historians' Craft	3
HSTR (HIST) elective in Asian, Islamic, African, or Latin American	3
HSTA (HIST) upper-division American history	3
HSTR (HIST) upper-division European history	3
HSTR or HSTA (HIST) upper-division elective	3
PSCI 210S (PSC 100S) Intro to American Government	3
PSCI 220S (PSC 120S) Intro to Comparative Government	3
PSCI 230X (PSC 130E) Intro to International Relations	3
PSCI 250E (PSC 150E) Intro to Political Theory	3

PSCI (PSC) upper-division American government and politics	9
PSCI (PSC) Upper-division comparative government and/or international relations	9
Credits in one of the following fields: economics, geography, psychology, or sociology	12
C&I 428 Teaching Social Studies in Middle and Secondary Schools (coreq. C&I 301 or 302)	3
Total Credits	75

### Sociology

Grades 5-12. Does not qualify as a single field endorsement.

For an endorsement in the major teaching field of Sociology, a student must complete the requirements for the B.A. with a major in Sociology (see the Department of Sociology section of this catalog and below.). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For an endorsement in the minor teaching field of Sociology, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj.</b>	<b>Min.</b>
*CS 171 Communicating via Computers or CS 172 Introduction to Computer Modeling or a higher-level CS course	3	3
SOCI 101S (SOC 110S) Introduction to Sociology	3	3
SOCI 318 (SOC 201) Sociological Research Methods	3	3
SOCI 202 (SOC 202) Social Statistics	3	-
SOCI 220S (SOC 220S) Race, Gender and Class	3	3
SOCI 211S (SOC 230S) Criminology or 330S Juvenile Delinquency	-	3
SOCI 455 (SOC 455) Classical Social Theory	3	3
Two of the following:		
SOCI 270 (SOC 270) Introduction to Rural and Environmental Change		
SOCI 332 (SOC 300) Sociology of the Family		
SOCI 306 (SOC 306S) Sociology of Work		
SOCI 345 (SOC 320) Sociology of Organizations		
SOCI 325 (SOC 325) Social Stratification		
SOCI 355 (SOC 355S) Population Problems		
SOCI 485 (SOC 485) Political Sociology	6	-
Sociology electives	9	6
C&I 428 Teaching Social Studies in Middle and Secondary Schools (coreq. C&I 301 or 302)	3	3
*Total Credits	36	27

\*Computer class does not count toward 36 credit minimum in sociology for the teaching major or 27 credit minimum in sociology for the teaching minor.

The demand for teaching in this field is limited. The required second endorsement (either a teaching major or teaching minor) should be in a field in high demand.

### Spanish\*

Grades K-12. Qualifies for single-field endorsement.

For endorsement in the extended major teaching field of Spanish, a student must complete the requirements for the B.A. with a major in Spanish including SPAN 301, 302, 405, 408 and MCLG 410 (see the Department of Modern and Classical Languages and Literatures section of this catalog and below). Individuals holding a baccalaureate degree must meet these requirements by completing the courses listed below or demonstrate course equivalency.

For endorsement in the minor teaching field of Spanish, a student must complete the courses in the minor teaching field listed below or demonstrate course equivalency.

	<b>Maj.</b>	<b>Min.</b>
SPNS 101-102 (SPAN 101-102) Elementary Spanish	10	10
SPNS 201-202 (SPAN 201-202) Intermediate Spanish	8	8
SPNS 301 (SPAN 301) Written Expression in Cultural Contexts	3	3
SPNS 305 (SPAN 302) Spanish Phonetics	3	3
SPNS 326LX331X (SPAN 311L/312L) Introduction to Contemporary Spanish Literature (minors take one)	6	3



SPNS 400 (SPAN 405) Spanish: Applied Linguistics	3	3
SPNS 408 (SPAN 408) Advanced Composition and Conversation	3	-
SPNS (SPAN) two literature courses at 400-level	6	-
LING 270S Introduction to Linguistics or LING 470	3	3
MCLG 315 Major Hispanic Authors	3	-
MCLG 410 Methods of Teaching Foreign Languages (prereq. to student teaching; coreq. C&I 301 or 302)	3	3
Total Credits	51	36

\*The Department of Modern and Classical Languages and Literatures requires a recommendation of the student's language proficiency and an overall minimum grade point average of 3.00 in upper division course work in both the teaching major and minor as a prerequisite to student teaching. Study in a Spanish language country, provided either through UM's Study Abroad Program or an experience considered to be equivalent, also is required.

A Spanish major qualifies as a single-field endorsement. Although not required, it is recommended that students complete a second teaching major or minor.

### Special Education

Grades P-12. Minor only.

	<b>Min.</b>
C&I 420 Assessment & Curriculum In Early Childhood Special Education OR elective*	2-3
C&I 433 Basic Diagnosis and Correction of Reading and Writing (coreq. C&I 318 or 427)	3
C&I 453 Introduction to Special Education Law & Policy	3
C&I 457 Assessment and Instruction for Exceptional Learners	5
C&I 459 Consulting/Resource Teacher (prereq. C&I 453)	3
C&I 463 Advanced Classroom Management for Exceptional Learners/Practicum (prereq. C&I 453)	3
C&I 469 Student Teaching: Special Education	10
Total Credits	29-30

\*Required course for early childhood education; counts as elective credit. Other elective courses must be approved by a special education advisor.

### Courses

U = for undergraduate credit only, UG = for undergraduate or graduate credit, G = for graduate credit. R after the credit 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.

### Curriculum and Instruction (C&I)

**U 160 Learning Strategies for Higher Education 2 cr.** Offered every term. Instruction and application of college study skills including lecture note taking, time management, reading textbooks, test taking, and critical thinking. Elective credit only.

**U 200 Exploring Teaching through Field Experiences 1 cr.** Offered autumn and spring. Prereq., admission to Teacher Education Program or GPA of 2.75 and consent of Field Experiences Director. Guided introductory field experience for students committed to teaching as a profession. Connects field experience to content of co-requisite theory classes. Seminars include professional development portfolio, developmental level of students, diversity, learning/teaching strategies, motivation, classroom management, and assessment of learning.

**U 287 Business Communications 3 cr.** Offered every term. Prereq., WRIT 101 (ENEX 101) College Writing I. Emphasis on consistent and logical approaches to solving communication problems and creating successful communication products.

**U 295 Special Topics Variable cr.** (R-6) Offered intermittently. Offerings of visiting professors, new courses, or current topics.

**U 296 Independent Study Variable cr.** (R-6) Offered every term. Prereq., consent of advisor and instr.

**U 298 Internship Variable cr.** (R-6) Offered intermittently. Prereq., consent of advisor, instructor, and director of field experiences. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

**U 300 Field Experience/Elementary Language Arts 1 cr.** (R-4) Offered autumn and spring. Prereq., C&I 200 coreq., C&I 316 and 318. Arranged field experience with 10 hours in a PK setting and 20 hours in either a K-6 or a K-8 school setting.

**U 301 Professional Field Experience: Grades K-8 1 cr.** (R-4) Offered autumn and spring. Prereq., C&I 200; coreq., a secondary methods course. Arranged field experience in an elementary or middle school classroom, grades 4-8. For secondary licensure candidates whose C&I