Department of Curriculum and Instruction

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The Department of Curriculum and Instruction includes teacher preparation programs for early childhood development and education, elementary education, and secondary education, special education and graduate programs in curriculum and instruction.

The professional degree majors in curriculum and instruction provide knowledge, skills, and experiences to enable teachers to work effectively with K-12 students and schools. Students benefit from collaborative relationships and experience with partner schools and agencies.

Pre-service teaching degree majors are offered in early childhood development and education, elementary education, and secondary education (B.S.Ed.).A fifth-year program is offered in Special Education. Students should consult an advisor concerning requirements for degree and/or certification.

Master's and are offered in curriculum and instruction. (M.EdThe doctorate is available in education (Ed.D., Ph.D.) with emphasis in curriculum and instruction.

Elementary and Secondary Teacher Education. These programs include the university core curriculum, professional education core curriculum and program content courses. Secondary students select teaching majors and minors from subjects currently taught in secondary schools such as English, social studies, sciences, mathematics, art, and foreign languages. Elementary students receive a B.S.Ed. degree; secondary students may earn a B.S.Ed. degree through the College of Education or a B.A. or B.S. degree through the department and college administering the academic major.

Early and continuous field experiences are a hallmark of the teacher preparation program, which culminates in a Professional Year experience for elementary students and a semester program for secondary students. Program goals include (1) recruitment and retention of high quality students though rigorous admission, continuation, and exit criteria, (2) preparation of teachers in a standards driven, integrated, and field-based program, (3) completion of the professional year (Elementary) or semester (Secondary) , and (4) engagement in continuing professional development for students, teachers, and university faculty to improve K-12 student performance.

Graduate Education/Curriculum and Instruction. The program provides advanced professional and foundational courses that support graduate study in the College of Education. Graduate programs in curriculum and instruction with an emphasis in teacher education include (a) master's degree programs (Master of Education) in curriculum and instruction including an option for teacher certification; (b) education specialist degree programs in education, with emphases in Curriculum and Instruction; and (c) doctoral degree programs (either Doctor of Education or Doctor of Philosophy) with emphases in curriculum and instruction, and supervision and instructional leadership.

Persons interested in doctoral work should apply to the College of Education. Admission requirements for the doctoral program include: (a) a minimum grade-point average of 2.80 in undergraduate preparation, (b) a minimum grade-point average of 3.50 at the master's degree level or its equivalent, (c) a composite verbal and quantitative Graduate Record Examination score of at least 1050, and (d) letters of recommendation. Exceptions to the criteria may be made when documented by the Graduate Review Committee.

Courses

See Part 6 for courses in Curriculum and Instruction (EDCI), Special Education (EDSP), and Library Science (LibS).

Undergraduate Curricular Requirements

Note: For registration in upper-division courses in education, students must have been admitted to the teacher education program and maintain a cumulative GPA of 2.75. For admission criteria, refer to “Admission to the Teacher Education Program” in the College of Education section in Part 4.

EARLY CHILDHOOD DEVELOPMENT AND EDUCATION (B.S.Erly.Chldhd.Dev.Ed.)

Coursework will prepare students to be recommended for Idaho Early Childhood Education/Early Childhood Special Education (ECE/ECSE) Blended Teacher Certification. Students will be certified to teach children birth through grade three.

For information on an undergraduate major in Early Childhood Development and Education, see the School of Family and Consumer Sciences section.

ELEMENTARY EDUCATION (B.S.Ed.)

Required course work includes the university requirements (see regulation J-3), successful completion of Praxis II test and the Idaho Comprehensive Literacy Assessment parts 1 and 2 prior to the internship. Maintain at least a grade of C in the following course requirements:

Comm 101 Fundamentals of Public Speaking (2 cr)
EDCI 201 Contexts of Education (2 cr)
EDCI 301 Learning, Development, and Assessment (3 cr)
EDCI 302 Teaching Culturally Diverse Learners (4 cr)
EDCI 320 Foundations of Literacy Development (4 cr)
EDSP 300 Educating for Exceptionalities (2 cr)
Hist 101 or Hist 102 History of Western Civilization (3 cr)
Hist 111 or Hist 112 Intro to U.S. History (3 cr)
Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
Math 235 Mathematics for Elementary Teachers I (3 cr)
Math 236 Mathematics for Elementary Teachers II (3 cr)
MusT 381 Elementary School Music Methods for Nonmajors (3 cr)
Psyc 305 Developmental Psychology (3 cr)
Advanced composition elective (3 cr)
- Engl 207 Persuasive Writing (3 cr)
- Engl 208 Personal and Exploratory Writing (3 cr)
- Engl 209 Inquiry-Based Writing (3 cr)
- Engl 291 Creative Writing: Poetry (3 cr)
- Engl 292 Creative Writing: Fiction (3 cr)
- Engl 309 Advanced Prose Writing (3 cr)
- Engl 313 Business Writing (3 cr)
- Engl 317 Technical Writing (3 cr)
- Engl 401 Writing Workshop for Teachers (3 cr)

Earth science elective (4 cr):
- Geog 100 Physical Geography (4 cr)
- Geol 101 Physical Geology (4 cr)

Physical science elective (4 cr):
- Chem 101 Introduction to Chemistry I (4 cr)
- Chem 111 Principles of Chemistry I (4 cr)
- Chem 112 Principles of Chemistry II (5 cr)
- Phys 103 General Astronomy and Phys 104 Astronomy Lab (4 cr)
- Phys 111 General Physics I (4 cr)

Life science elective (4 cr):
- Biol 102 Biology and Society (4 cr)
- Biol 115 Cells and the Evolution of Life (4 cr)

English elective in composition or literature (excluding Engl 101 and 102) (3 cr)
Literature elective (3 cr)
Social science electives other than psychology (6 cr)

Elementary Education Major Requirements

Mathematics/Science/Social Studies/Physical Education Block:
- EDCI 327 Elementary Mathematics Education (3 cr)
- EDCI 328 Elementary Social Studies Education (3 cr)
- EDCI 329 Elementary Science Education (3 cr)
- EDCI 408 Integrated Methods Practicum I (1 cr)
- PEP 350 Elementary Physical and Health Education (3 cr)

Literacy/Arts Education Block:
- EDCI 321 Literature for Children (3 cr)
- EDCI 322 Integrated Language and Literacy (3 cr)
- EDCI 325 Elementary Art Education (3 cr)
- EDCI 409 Integrated Methods Practicum II (1 cr)
- Dan 360 Children's Dance (1 cr)
- The 411 Theatre Methods (1 cr)

Internship Year:
- First Semester:
  - EDCI 466 Literacy Assessment and Intervention (3 cr)
  - EDCI 483 Elementary Internship I (7 cr)
- Second Semeter:
  - EDCI 401 Internship Seminar (1 cr)
  - EDCI 484 Elementary Internship II (15 cr)

It is highly recommended that elementary students who are planning to teach grades 6, 7, and 8 select an area of concentration that meets state endorsement standards for secondary education. Students should consult with their advisor for details.

The minimum number of credits required for the degree is 128.

SECONDARY EDUCATION (B.S.Ed.)

Required course work includes the university requirements (see regulation J-3); successful completion of Praxis II test in the student's content area; one 45-credit teaching major or one 30-credit teaching major and one 20-credit teaching minor (see "Teaching Majors and Minors" below); and maintain at least a grade of C in the following course requirements:

Comm 101 Fundamentals of Public Speaking (2 cr)
EDCI 201 Contexts of Education (2 cr)
EDCI 301 Learning, Development, and Assessment (3 cr)
EDCI 302 Teaching Culturally Diverse Learners (4 cr)
EDCI 401 Internship Seminar (1 cr)
EDCI 463 Literacy Methods for Content Learning (3 cr)
EDCI 485 Secondary Internship (15 cr)
EDSP 300 Educating for Exceptionalities (2 cr)
Psyc 101 Intro to Psychology or Psyc 305 Developmental Psychology (3 cr)
Advanced composition course (Engl 207, Engl 208, Engl 209, Engl 291, Engl 292, Engl 309, Engl 313, Engl 317 or Engl 401) (3 cr)
Mathematics elective (math or statistics UI core course) (3 cr)
Special methods sequence (EDCI 437/EDCI 447, EDCI 431/ EDCI 441, EDCI 432/ EDCI 442, EDCI 433/ EDCI 443, EDCI 434/ EDCI 454, or EDCI 436/ EDCI 446) (4 cr)

SPECIAL EDUCATION (B.S.Ed.)

Required course work includes the completion of the the Praxis II in Special Education plus any Praxis test listed in the below options, and the completion of the Idaho Comprehensive Literacy Assessment; the university requirements (see regulation J-3) and:

Comm 101 Fundamentals of Public Speaking (2 cr)
EDCI 201 Contexts of Education (2 cr)
EDCI 301 Learning, Development, and Assessment (3 cr)
EDCI 302 Teaching Culturally Diverse Learners (4 cr)
EDCI 401 Internship Seminar (1 cr)
EDSP 300 Educating for Exceptionalities (2 cr)
EDSP 325 Classroom Application of Learning Theories (2 cr)
EDSP 350 Languages and Communication Development and Disorders (3 cr)
EDSP 351 Family and Community Involvement (2 cr)
EDSP 390 Special Education/Field Experience (2-3 cr)
EDSP 424 Students with Behavioral and Emotional Issues (2 cr)
EDSP 425 Evaluation of Children and Youth (2 cr)
EDSP 426 Developing Instructional Programs (2 cr)
EDSP 427 Curriculum Development and Adaptation (3 cr)
EDSP 428 Issues in Secondary Special Education (2 cr)
EDSP 484 Special Education Internship II (14 cr)

And completion of one of the following options:

A. Special Education Option

The Special Education option includes the completion of the following coursework and meeting criteria of the Idaho Technology Performance Assessment and Praxis II Assessment in Special Education (10542 and 20353) prior to beginning the internship and meeting criteria on the Idaho Comprehensive Literacy assessment prior to qualifying for certification (which will qualify the student for the Exceptional Child Certificate and Generalist K-12 Endorsement.)

EDCI 320 Foundations of Literacy Development (4 cr)
Hist 101 History of Western Civilization or Hist 102 History of Western Civilization (3 cr)
Hist 111 Introduction to U.S. History or Hist 112 Introduction to U.S. History (3 cr)
Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
Math 235 Mathematics for Elementary Teachers I (3 cr)
Math 236 Mathematics for Elementary Teachers II (3 cr)
Psyc 305 Developmental Psychology (3 cr)
Art elective (non-methods course) (2 cr)
Earth science or physical science elective (4 cr)
English elective in composition or literature (excluding Engl 101 and 102) (3 cr)
Life science elective (4 cr)
Literature elective (3 cr)
Music elective (non-methods course) (2 cr)

Social science electives other than psychology (6 cr)

Mathematics/Science/Social Studies/Physical Education Block:
EDCI 327 Elementary Mathematics Education (3 cr)
EDCI 328 Elementary Social Studies Education (3 cr)
EDCI 329 Elementary Science Education (3 cr)
PEP 350 Elementary Physical and Health Education (3cr)

Literacy/Arts Education Block:
EDCI 321 Literature for Children (3 cr)
EDCI 322 Integrated Language and Literacy (3 cr)
EDCI 325 Elementary Art Education (3 cr)
Dan 360 Children's Dance (1 cr)
The 411 Theatre Methods (1 cr)

Professional Year:
EDCI 466 Literacy Assessment and Intervention (3 cr)
Electives to total 128 cr for this degree

B. Special/Elementary Education Option

The Special/Elementary Education option includes completion of the following coursework and meeting criteria of the Idaho Technology Performance Assessment and Praxis II Assessment in Special Education (10542 and 20353) and Elementary Education (10014 and either 30522 or 30523) prior to beginning the internship and meeting criteria on the Idaho Comprehensive Literacy assessment prior to qualifying for certification (which will qualify the student for the Exceptional Child Certificate and Generalist K-12 Endorsement and the Standard Elementary Certificate.), K-8.

EDCI 320 Foundations of Literacy Development (4 cr)
Hist 101 History of Western Civilization or Hist 102 History of Western Civilization (3 cr)
Hist 111 Introduction to U.S. History or Hist 112 Introduction to U.S. History (3 cr)
Intr 103 Integrated Science for Elementary Education Majors (4 cr)
Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
Math 235 Mathematics for Elementary Teachers I (3 cr)
Math 236 Mathematics for Elementary Teachers II (3 cr)
MusT 381 Elementary School Music Methods for Nonmajors (3 cr)
Psyc 305 Developmental Psychology (3 cr)
Advanced composition elective (Engl 207, 208, 209, 291, 292, 309, 313, 317, or 401) (3 cr)
Art elective (non-methods course) (2 cr)
Earth science or physical science elective (4 cr)
English elective in composition or literature (excluding Engl 101 and 102) (3 cr)
Life science elective (4 cr)
Literature elective (3 cr)
Music elective (non-methods course) (2 cr)
Social science electives other than psychology (6 cr)

Mathematics/Science/Social Studies/Physical Education Block:
EDCI 327 Elementary Mathematics Education (3 cr)
EDCI 328 Elementary Social Studies Education (3 cr)
EDCI 329 Elementary Science Education (3 cr)
EDCI 408 Integrated Methods Practicum I (1 cr)
PEP 350 Elementary Physical and Health Education (3 cr)

Literacy/Arts Education Block:
EDCI 321 Literature for Children (3 cr)
EDCI 322 Integrated Language and Literacy (3 cr)
EDCI 325 Elementary Art Education (3 cr)
EDCI 409 Integrated Methods Practicum II (1 cr)
Dan 360 Children's Dance (1 cr)
The 411 Theatre Methods (1 cr)

Professional Year:
EDCI 466 Literacy Assessment and Intervention (3 cr)
EDCI 483 Elementary Internship I (7 cr)
Electives to total 128 cr for this degree

C. Special/Secondary Education Option

The Special/Secondary Education option includes completion of the requirements to teach at the secondary level (one 45-credit teaching major or one 30-credit teaching major and one 20-credit teaching minor – see "Teaching Majors and Minors" below) and the following coursework meeting criteria on the Idaho Technology Assessment and Praxis II Assessment in Special Education

(10542 and 20353) and Praxis II in Major and Minor teaching area. Prior to beginning the internship and meeting criteria on the Idaho Comprehensive Literacy assessment prior to qualifying for certification (which will qualify the student for the Exceptional Child Certificate and Generalist K-12 Endorsement and the Standard Secondary Certificate.) 6-12.

EDCI 463 Literacy Methods in Content Learning (3cr)
Psyc 101 Intro to Psychology or Psyc 305 Developmental Psychology (3 cr)
Mathematics elective (math or statistics UI core course) (3 cr)
Special methods sequence (EDCI 437/447, 431/441, 432/442, 433/443, 434/454, or 436/446) (4 cr)
Electives to total 128 cr for this degree

It is also recommended that students take EDCI 320 Foundations of Literacy Development (4 cr) to prepare for the Idaho Comprehensive Literacy Assessment.)

Teaching Majors and Minors

One option required from the following:
One 45-credit teaching major
One 30-credit teaching major and one 20-credit teaching minor

The various teaching majors and teaching minors required to accompany several of the curricula are outlined below. Because the College of Education reserves the right to approve or disapprove the content of all proposed majors and minors, students should confer closely with their college advisors and with advisors in the academic department concerned in the selection of these courses.

ART

An academic major in Art Education is also offered in the major curriculum leading to the degree of B.S.Art Ed. (see Department of Art and Design in Part 5).

A. 45-CREDIT ART TEACHING MAJOR

Art 100 World Art and Culture (3 cr)
Art 110 Visual Communication (2 cr)
Art 111-112 Drawing I-II (5 cr)
Art 121-122 Visual Communication and the Design Process (5 cr)
Courses selected from the following (18 cr):
Art 211 Drawing III (3 cr)
Art 221 Introduction to Graphic Design (3 cr)
Art 231 Painting I (3 cr)
Art 241 Sculpture I (3 cr)
Art 251 Printmaking I (3 cr)
Art 261 Ceramics I (3 cr)
Art 271 Interaction Design I (3 cr)
Art 280 Understanding Photography (3 cr)
Two art studio courses from the following: (Art 321, 330, 340, 350, 360, 370, 390) (6 cr)
Two courses in Art History, any period. (6 crs)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 436 Secondary Art Methods (3 cr)
EDCI 446 Secondary Art Methods Practicum (1 cr)

B. 21-CREDIT ART TEACHING MINOR

Art 100 World Art and Culture (3 cr)
Art 110 Visual Communication (2 cr)
Art 111-112 Drawing I-II (5 cr)
Art 121-122 Visual Communication and the Design Process (5 cr)
Courses selected from Art 211, 214, 221, 231, 241, 251, 261, 271, 280, or Art 314, 321, 330, 340, 350, 360, 370, 390 (6 cr)

BIOLOGICAL SCIENCES

Note: Math 143 is a prerequisite to required physics courses. To graduate in this program, students must earn a minimum grade of C in Biol 115 and 116 and must have a minimum gpa of 2.40 in Biol 115, 116, 210, 212, and 213.

Special Methods sequence:
EDCI 433 Secondary Science Methods (3 cr)
EDCI 443 Secondary Science Methods Practicum (1 cr)

A. 45-CREDIT COMPOSITE TEACHING MAJOR

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 116 Organisms & Environments (4 cr)
Biol 210 Genetics (4 cr)
Biol 212 Molecular and Cellular Biology (4 cr)
Biol 213 Principles of Biological Structure and Function (4 cr)
Biol 314 Ecology and Population Biology (4 cr)
Biol 421 Advanced Evolutionary Biology (3 cr)
Chem 111 Principles of Chemistry or Chem 101 Introduction to Chemistry (4 cr)
Chem 275 Carbon Compounds or Chem 277 Organic Chemistry I (3 cr)
Phys 111-112 General Physics I-II (8 cr)
Electives (see list of electives for Biology major in Part 5) (3-4 cr)

B. 24-CREDIT COMPOSITE TEACHING MINOR

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 116 Organisms and Environments (4 cr)
Biol 210 Genetics (4 cr)
Biol 212 Molecular and Cellular Biology (4 cr)
Biol 213 Principles of Biological Structure and Function (4 cr)
Biol 314 Ecology and Population Biology (4 cr)

BUSINESS EDUCATION

22- to 26-CREDIT BUSINESS EDUCATION TEACHING MINOR

Acct 201 Introduction to Financial Accounting and Acct 202 Introduction to Managerial Accounting (6 cr)
Bus 311 Introduction to Management or Bus 321 Marketing (3 cr)
Econ 201 Principles of Economics and Econ 202 Principles of Economics; or Econ 272 Foundations of Economic Analysis (4-6 cr)
PTTE 415 Microcomputer Applications (3 cr)
PTTE 430 Leadership and Student Organizations (2 cr)
PTTE 431 Supervising PTTE Student Organizations (1 cr)
PTTE 492 Business and Marketing Education Methods (2 cr)
PTTE 495 Administrative Technology Management and Procedures (3 cr)

NOTE: This minor will not meet professional-technical certification requirements, but will enable the student to apply for a provisional professional-technical certificate.

Other required courses for professional-technical certification include:
EDCI 201 Contexts of Education (2 cr)or PTTE 447 Diverse Populations and Individual Differences (2-3 cr)
PTTE 351 Principles and Philosophy of Professional-Technical Education (3 cr)
PTTE 426 Occupational Analysis and Curriculum Development (3 cr)
PTTE 464 Career Guidance and Transitioning to Work (3 cr)

CHEMISTRY

Note: See the physics and mathematics prerequisites for the chemistry courses listed below.

A. 45-CREDIT CHEMISTRY TEACHING MAJOR

Biol 116 Organisms and Environments (4 cr)
Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 253 Quantitative Analysis (5 cr)
Chem 275, 276 Carbon Compounds and Lab and MMBB 380, 382 Intro Biochem and Lab or Chem 277, 278 Organic Chem I and Lab and Chem 372, 374 Organic Chem II and Lab (8-10 cr)
Chem 302, 303 Principles of Physical Chemistry and Lab (4 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Phys 111-112 General Physics I-II (8 cr)
Chemistry elective (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 433 Secondary Science Methods (3 cr)
EDCI 443 Secondary Science Methods Practicum (1 cr)

B. 21-CREDIT CHEMISTRY TEACHING MINOR

Chem 111 Prin of Chemistry I (4 cr)

Chem 112 Principles of Chemistry II (5 cr)
Chem 275, 276 Carbon Compounds and Lab (4 cr)
Chem 302, 303 Principles of Physical Chemistry and Lab (4 cr)
MMBB 380 Introductory Biochemistry (4 cr)

COMPUTER SCIENCE

Computer science is not an area of endorsement for Idaho certification. Students may complete a teaching minor in computer science only under the 30-20-20 option where the 30 credit major and one of the 20 credit minors are in endorsement areas.

21-CREDIT COMPUTER SCIENCE TEACHING MINOR

CS 112 Introduction to Problem Solving and Programming (3 cr)
CS 121 Computer Science II (4 cr)
CS 150 Computer Organization and Architecture (3 cr)
Math 176 Discrete Mathematics (3 cr)
Electives chosen from the following (5 cr):
- CS 210 Programming Languages (3 cr)
- CS 324 Computer Graphics (3 cr)
- CS 383 Software Engineering I (3 cr)
- Math 385/CS 385 Theory of Computation (3 cr)
- Math 395/CS 395 Analysis of Algorithms (3 cr)

CONSUMER ECONOMICS

A teaching major in consumer economics is not offered. To meet both college graduation requirements and state certification requirements, students selecting a teaching minor in consumer economics must have a teaching major in social science, or an academic major in business education, marketing education or child, family and consumer studies to meet both college graduation requirements and state certification requirements.

20-CREDIT CONSUMER ECONOMICS TEACHING MINOR

BLaw 265 Legal Environment of Business (3 cr)
Econ 201, 202 Principles of Economics (6 cr)
FCS 448 Consumer Economic Issues (3 cr)
PTTE 418 Teaching Economics and Personal Finance (3 cr)
Electives chosen from the following (6 cr):
- Acct 201 Introduction to Financial Accounting (3 cr)
- Bus 321 Marketing (3 cr)
- Bus 364 Insurance (3 cr)
- Econ 343 Money and Banking (3 cr)
- FCS 123 Textiles (3 cr)
- FCS 346 Personal and Family Finance and Management (4 cr)
- FCS 428 Housing America's Families (3 cr)

DANCE

21-CREDIT DANCE TEACHING MINOR

The dance minor provides broad experiences in techniques, composition, production, and teaching.

Dan 210 Dance Theatre (1 cr)
Dan 320 Labanotation (3 cr)
Dan 321 Dance Pedagogy (3 cr)
Dan 360 Children's Dance (1 cr)
Dan 384 Dance Composition I (3 cr)
Dan 421 Dance History (3 cr)
3 Credits in Modern:
- Dan 105 Dance (1 cr, max arr)
- Dan 216 Techniques (cr arr)
- Dan 416 Advanced Technique (cr arr)

4 Credits selected from Social Dance, World Dance, Ballet, Jazz, and Modern:
- Dan 105 Dance (1 cr, max arr)
- Dan 216 Techniques (cr arr)
- Dan 416 Advanced Technique (cr arr)

EARTH SCIENCE

Due to extensive course overlap, earth science majors may NOT select geology as a teaching minor.

45-EARTH SCIENCE TEACHING MAJOR

Note: Completion of the Earth Science Teaching Major involves completion of the 33 credits of Required courses as well as 12 credits of Electives:

Chem 111 Principles of Chemistry I (4 cr)
Geog 301 Meteorology (3 cr)
Geol 102 Historical Geology (4 cr)
Geol 324 Principles of Stratigraphy and Sedimentation (4 cr)
Geol 335 Geomorphology (3 cr)
Math 143 Pre-Calculus Algebra & /Analytic Geometry (3 cr)
Phys 103 General Astronomy (3 cr)
Phys 104 General Astronomy Lab (1 cr)
Phys 111 General Physics I (4 cr)
One of the following:
- Geog 100 Physical Geography (4 cr)
- Geog 450 Global Environmental Change (3 cr)
- Geol 101 Physical Geology (4 cr)
- Geol 111 Physical Geology for Science Majors (4 cr)

Advisor Approved Science Electives (12 cr)

ECONOMICS

A teaching major in economics is not offered.

20-CREDIT ECONOMICS TEACHING MINOR

Econ 201, 202 Principles of Economics (6 cr)
Econ 351 Intermediate Macroeconomic Analysis (3 cr)
Econ 352 Intermediate Microeconomic Analysis (3 cr)
Additional upper-division credits in economics (8 cr)

ENGLISH

A. 46-CREDIT ENGLISH TEACHING MAJOR

Engl 175 Introduction to Literary Genres or Engl 215 Introduction to English Studies (3 cr)
Engl 201 English Grammar: Key Concepts and Terms (1 cr)
Engl 291 or 292 Creative Writing Poetry or Fiction (3 cr)
Engl 309 Advanced Prose Writing (3 cr)
Engl 341 or 342 Survey of British Literature (3 cr)
Engl 343-344 Survey of American Literature (6 cr)
Engl 345 Shakespeare (3 cr)
Engl 401 Writing Workshop for Teachers (3 cr)
Engl 441 Introduction to Study of Language (3 cr)
Engl 445 Literature for Adolescents (3 cr)
Two linguistics courses (Engl 442, 443 or 496; Engl 443 may be taken concurrently with EDCI 485) (6 cr)
Two 400-level English area course (6 cr)
One literature course focusing on multicultural literature (Engl 380, 480, 483, 484; or Engl 404, 481, or 482 when these courses include a major and specific selection of American ethnic literature) (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 431 Secondary English Methods (3 cr)
- EDCI 441 Secondary English Methods Practicum (1 cr)

B. 31-CREDIT ENGLISH TEACHING MAJOR

Engl 175 Introduction to Literary Genres or Engl 215 Introduction to English Studies (3 cr)
Engl 201 English Grammar: Key Concepts and Terms (1 cr)
Engl 309 Advanced Prose Writing (3 cr)
Engl 341 or 342 Survey of British Literature (3 cr)
Engl 343-344 Survey of American Literature (6 cr)
Engl 401 Writing Workshop for Teachers (3 cr)
Engl 441 Introduction to Study of Language (3 cr)
Engl 442 or 443 or 496 Linguistics (3 cr)
Engl 445 Literature for Adolescents (3 cr)
One literature course focusing on multicultural literature (Engl 380, 480, 483, 484; or Engl 404, 481, or 482 when these courses include a major and specific selection of American ethnic literature) (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

C. 25-CREDIT ENGLISH TEACHING MINOR

Engl 175 Introduction to Literary Genres or Engl 215 Introduction to English Studies (3 cr)
Engl 201 English Grammar: Key Concepts and Terms (1 cr)
Engl 309 Advanced Prose Writing (3 cr)
Engl 401 Writing Workshop for Teachers (3 cr)
Engl 441 Introduction to Study of Language (3 cr)
One survey course in both American literature (Engl 343 or 344) and British literature (Engl 341 or 342); at least one of the two survey courses must be Engl 341 or 343 (6 cr)
One literature course focusing on multicultural literature (Engl 380, 480, 483, 484; or Engl 404, 481, or 482 when these courses include a major and specific selection of American ethnic literature) (3 cr)

ENGLISH AS A SECOND LANGUAGE

A teaching major in English as a second language is not offered.

21-CREDIT ENGLISH AS A SECOND LANGUAGE TEACHING MINOR

Modern foreign language (100-level or above) (4 cr)
Cultural diversity (i.e. Anth 261) (3 cr)
ESL methods (EDCI 437/447) (4 cr)
Theory, philosophical foundations, testing/identification of limited English proficient students, or applied linguistics in ESL (i.e. Engl 441, 442 or 443) (3 cr)
Practicum or field experience in ESL (i.e. EDCI 402, EDCI 597, Engl 515) (1cr)
At least one course in English language and linguistics (Engl 441, 442, 443) (3 cr)
Electives to total 21 credits (Anth/Soc 427 Racial and Ethnic Relations is recommended)

FRENCH

Basic language courses taken in high school or elsewhere may be evaluated for college equivalencies as part of this teaching major and minor. Consult the Department of Foreign Languages and Literatures for policies on earning credit for vertically-related courses.

A. 45-CREDIT FRENCH TEACHING MAJOR

Fren 101-102 Elementary French I-II (8 cr)
Fren 201-202 Intermediate French I-II (8 cr)
Fren 301 Advanced French Grammar (3 cr)
Fren 302 Advanced French Writing Skills (3 cr)
Fren 304 Connecting French Language and Culture (4 cr)
Fren 305 Reading French Texts (3 cr)
Fren 408 Topics in French Culture and Institutions (3 cr)
Fren 449 Practicum in Tutoring (1-2 cr)
Electives chosen from the following (7-10 cr):
Engl 441 Introduction to Study of Language (3 cr)
FLEN 243 English Word Origins (2 cr)
Approved upper-division course in literature
Approved upper-division French electives
Approved upper division French electives to total 45 credits in the teaching major.

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)
EDCI 447 Secondary Foreign Language Methods Practicum (1 cr)

B. 22-CREDIT FRENCH TEACHING MINOR

Fren 101-102 Elementary French I-II (8 cr)
Fren 201-202 Intermediate French I-II (8 cr)
Approved upper-div French electives (either Fren 301 or 302 is reqd; lab-based and lit in translation courses are not acceptable) (6 cr)

In addition to the above teaching requirements, the following special methods course is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)

Note: A minor in French of less than 22 credits is not acceptable.

GEOGRAPHY

A. 31-CREDIT GEOGRAPHY TEACHING MAJOR

Geog 100 Physical Geography (4 cr)
Geog 165 Human Geography (3 cr)
Geog 180 Geospatial Graphics (3 cr)
Geog 200 World Regional Geography (3 cr)
Geog 385 GIS Primer (3 cr)
Five courses from the following (15 cr):
- Geog 240 Economic Geography (3 cr)
- Geog 330 Urban Geography (3-4 cr)
- Geog 360 Population Dynamics and Distribution (3-4 cr)
- Geog 364 Idaho and the Pacific Northwest (3 cr)
- Geog 365 Political Geography (3 cr)
- Geog 390 Geographic Visualization (4 cr)
- Geog 401 Climatology (3 cr)
- Geog 427 Spatial Multicriteria Analysis and Optimization (3 cr)

B. 22-CREDIT GEOGRAPHY TEACHING MINOR

Geog 100 Physical Geography (4 cr)
Geog 165 Human Geography (3 cr)
Geog 180 Geospatial Graphics (3 cr)
Geog 200 World Regional Geography (3 cr)
Geog 240 Economic Geography (3 cr)
Geog 385 GIS Primer (3 cr)
Additional geography courses to total 22 credits (3 cr)

GEOLOGY

A teaching major in geology is not offered.

20-CREDIT GEOLOGY TEACHING MINOR

Geol 101 Physical Geology (4 cr)
Geol 102 Historical Geology (4 cr)
Geol 212 Principles of Paleontology (4 cr)
Electives chosen from the following (5 cr):
- Geol 335 Geomorphology (3 cr)
- Geol 345 Structural Geology (3-4 cr)

GERMAN

Basic language courses taken in high school or elsewhere may be evaluated for college equivalences as part of this teaching major and minor. Consult the Department of Foreign Languages and Literatures for policies on earning credit for vertically-related courses.

A. 45-CREDIT GERMAN TEACHING MAJOR

Engl 441 Introduction to Study of Language (3 cr)
FLEN 323 or 324 German Literature in Translation (3 cr)
Germ 101-102 Elementary German I-II (8 cr)
Germ 201-202 Intermediate German I-II (8 cr)
Germ 301 Advanced German Grammar (3 cr)
Germ 302 Advanced German Speaking and Writing (3 cr)
Germ 304 20th Century German Culture and Society (3 cr)
Germ 305 Germany in the New Europe or Germ 306 Introduction to German Literature (3 cr)
Approved upper division German electives (including at least one 400-level course) to total 45 credits in the teaching major.

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 437 Secondary Foreign Language Methods (3 cr)
- EDCI 447 Secondary Foreign Language Methods Practicum (1 cr)

B. 22-CREDIT GERMAN TEACHING MINOR

Germ 101-102 Elementary German (8 cr)

Germ 201-202 Intermediate German (8 cr)
Approved upper-div German electives (either Germ 301 or 302 is reqd; lab-based and lit in translation courses are not acceptable) (6 cr)

In addition to the above teaching requirements, the following special methods course is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)

Note: A minor in German of less than 22 credits is not acceptable.

HEALTH EDUCATION

24-25-CREDIT HEALTH EDUCATION TEACHING MINOR

A current advanced first aid and emergency care card is required upon graduation.

FCS 205 Concepts in Human Nutrition (3 cr)
FCS 240 Intimate Relationships or Psyc 330 Human Sexuality (3 cr)
H&S 150 Wellness Lifestyles or HPRD 201 Physical Activity, Wellness & Behavior Change (3 cr)
H&S 288 First Aid: Emergency Response (2 cr)
H&S 289 Drugs in Society and H&S 350 Stress Management and Mental Health; or H&S 451 Psychosocial Determinants of Health (3-4 cr)
H&S 423 School Health Education Methods and Administration (3 cr)
H&S 450 Critical Health Issues (3 cr)
Choose one of the following (4 cr):
Biol 102 Biology and Society (4 cr)
Biol 115 Cells and the Evolution of Life (4 cr)
Biol 120 Human Anatomy (4 cr)
MMBB 154, 155 Introductory Microbiology and Laboratory (4 cr)

HISTORY

A. 45-CREDIT HISTORY TEACHING MAJOR

Hist 101-102 History of Civilization (6 cr)
Hist 111-112 Introduction to U.S. History (6 cr)
Hist 290 The Historian's Craft (3 cr)
PolS 101 Introduction to Political Science and American Government (3 cr)
Upper-division history courses in the following areas:
Non-regional U.S. history (3 cr)
Latin American history (3 cr)
Asian or African history (3 cr)
Pre-1750 history from any region (3 cr)
American non-European ethnic history (3 cr)
Modern European history (3 cr)
Additional upper-division history courses (9 cr)
Approved upper division history electives to total 45 credits in the teaching major.

Note: A single course may satisfy more than one of the upper-division requirements.

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 432 Secondary Social Science Methods (3 cr)
EDCI 442 Secondary Social Science Methods Practicum (1 cr)

B. 33-CREDIT HISTORY TEACHING MAJOR

Hist 101-102 History of Civilization (6 cr)
Hist 111-112 Introduction to U.S. History (6 cr)
Hist 290 The Historian's Craft (3 cr)
PolS 101 Introduction to Political Science and American Government (3 cr)
Upper-division history courses in the following areas:
Non-regional U.S. history (3 cr)
Latin American history (3 cr)
Asian or African history (3 cr)
Pre-1750 history from any region (3 cr)
Modern European history (3 cr)
Approved upper division history electives to total 33 credits in the teaching major.

Note: A single course may satisfy more than one of the upper-division requirements.

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 432 Secondary Social Science Methods (3 cr)
EDCI 442 Secondary Social Science Methods Practicum (1 cr)

C. 24-CREDIT HISTORY TEACHING MINOR

Hist 101 and Hist 102 History of Civilization (6 cr)
Hist 111 and Hist 112 Introduction to U.S. History (6 cr)
PolS 101 Introduction to Political Science and American Government or PolS 275 American State and Local Government (3 cr)
Upper-division history courses, including at least (9 cr):
3 cr in U.S., Latin American, or African history
3 cr in Ancient, European or Asian history

INDUSTRIAL TECHNOLOGY EDUCATION

30-CREDIT INDUSTRIAL TECHNOLOGY EDUCATION TEACHING MINOR

For certification to teach industrial technology education, a teaching minor must contain at least 20 credits, including not less than 15 credits distributed among and including each of the areas of metals, wood, drafting, and electricity-electronics. The remainder may be in allied or related areas. No substitution will be permitted for any of the courses required below.

PTTE 130 Introduction to Electricity and Electronics (3 cr)
PTTE 173 PTTE Principles of Engineering and Technology (3 cr)
PTTE 267 Computer Aided Drafting/Design (3 cr)
PTTE 273 Power, Energy and Transportation Technology (3 cr)
PTTE 352 Manufacturing: Metallic Materials and Processes (3 cr)
PTTE 428 Teaching and Learning Computer Operating Systems for Technology (3 cr)
PTTE 462 Communication Technology (3 cr)

Other required courses for professional-technical certification include:
PTTE 351 Principles and Philosophy of Professional-Technical Education (3 cr)
PTTE 447 Diverse Populations and Individual Differences (2-3 cr)
PTTE 461 Using Internet-Based Career Information in the Classroom (2-3 cr)

JOURNALISM

A. 37-CREDIT JOURNALISM TEACHING MAJOR

Art 280 Understanding Photography (3 cr)
JAMM 100 Media and Society (3 cr)
JAMM 121 Media Writing (3 cr)
JAMM 225 Reporting (3 cr)
JAMM 275 Introduction to Video/Television & Digital Media Production (3 cr)
JAMM 324 News Editing and Production (3 cr)
JAMM 401 Practicum or 498 Internship (1 cr)
JAMM 425 Feature Article Writing (3 cr)
JAMM 448 Law of Mass Media (3 cr)
Two courses chosen from the following (6 cr)
JAMM 322 Broadcast News (3 cr)
JAMM 325 Publications Editing (3 cr)
JAMM 427 Public Affairs Reporting (3 cr)
JAMM 444 Mass Media and Public Opinion (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

B. 21-CREDIT JOURNALISM TEACHING MINOR

JAMM 100 Media and Society (3 cr)
JAMM 121 Media Writing (3 cr)
JAMM 225 Reporting (3 cr)
One course from the following (3 cr):
Art 280 Understanding Photography (3 cr)
JAMM 275 Introduction to Video Production (3 cr)
Three courses chosen from the following (9 cr):
Art 280 Understanding Photography (3 cr)
JAMM 275 Introduction to Video Production (3 cr)
JAMM 324 News Editing and Production (3 cr)

JAMM 401 or 498 Practicum or Internship
JAMM 425 Feature Article Writing (3 cr)
JAMM 448 Law of Mass Media (3 cr)

LATIN

Basic language courses taken in high school or elsewhere may be evaluated for college equivalencies as part of this teaching major or minor. Consult the Department of Foreign Languages and Literatures for policies on earning credit for vertically-related courses.

A. 45-CREDIT LATIN TEACHING MAJOR

FLEN 210 Introduction to Classical Mythology (3 cr)
FLEN 243 English Word Origins (2 cr)
FLEN 364 Literature of Rome (3 cr)
FLEN 442 Civilization of Ancient Rome (3 cr)
Latn 101-102 Elementary Latin I-II (or equivalent) (8 cr)
Latin at the 300 and/or 400 level (15 cr)
A methods course approved by advisor and classics section or Latn 449 Practicum in Tutoring (2 cr)
Electives chosen from the following (3-4 cr):
Additional upper-division Latin courses (especially recommended)
Engl 441 Introduction to Study of Language (3 cr)
FLEN 363 Literature of Ancient Greece (3 cr)
FLEN 441 Ancient Greek Civilization (3 cr)
Approved upper division Latin electives to total 45 credits in the teaching major.

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)
EDCI 447 Secondary Foreign Language Methods Practicum (1 cr)

B. 23-CREDIT LATIN TEACHING MINOR

Latn 101-102 Elementary Latin I-II (or equivalent) (8 cr)
FLEN 243 English Word Origins (2 cr)
FLEN 364 Literature of Rome or 442 Civilization of Ancient Rome (3 cr)
Latin at the 300 and/or 400 level (10 cr)

In addition to the above teaching requirements, the following special methods course is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)

Note: A minor in Latin of less than 20 credits is not acceptable.

LIBRARY SCIENCE

A teaching major in library science is not offered.

24-CREDIT LIBRARY SCIENCE TEACHING MINOR

The teaching minor in library science must total 24 credits. At least 12 of these must be in the areas of selection, organization, and administration of library materials. This teaching minor will qualify the student for the Idaho K-12 Education Media Generalist endorsement. Because library science is not a teaching field, the teacher-librarian must also qualify for a standard Idaho elementary or secondary teacher's certificate.

Note: Departmental approval and approval of site are required for the practicum; it is approved after the majority of the required course work has been completed.

LibS C420 Classification and Cataloging (4 cr)
LibS C421 Acquisitions and Collection Development in Libraries (3 cr)
LibS C422 Use of School Library and/or C423 Intro to Reference Work (2-5 cr)
LibS C425 Organization and Management of Small Libraries (4 cr)
LibS C427 Library and Media Center Practicum (1-3 cr)
Audiovisual aids and computer electives (minimum) (2 cr)

Note: The above selections must total at least 18 credits

Courses selected from the following to total 24 cr for this teaching minor:
Engl 445 Literature for Adolescents (3 cr)
Communication/graphic arts (6 cr)

MATHEMATICS

Math 143 and 144 may be necessary prerequisites for students with weak backgrounds.

A. 47-CREDIT MATHEMATICS TEACHING MAJOR

CS 112 Introduction to Problem Solving and Programming (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 176 Discrete Mathematics (3 cr)
Math 215 Seminar in Topology of the Plane (3 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
Math 330 Linear Algebra (3 cr)
Math 386 Theory of Numbers (3 cr)
Math 390 Axiomatic Geometry or Math 391 Modern Geometry (3 cr)
Math 461 Abstract Algebra (3 cr)
Math 471 Introduction to Analysis 1 (3 cr)
One of the following (3-4 cr):
- Stat 251 Statistical Methods (3 cr)
- Stat 271 Statistical Inference and Decision Analysis (4 cr)
- Stat 301 Probability and Stat (3 cr)
- Math 451 Probability Theory (3cr)

One 3 credit Math course numbered 400-490 (3 cr)
Two 3 credit Math courses numbered 310-490 (6 cr)
Approved upper division mathematics electives to total 47 credits in the teaching major.

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 434 Secondary Mathematics Methods (3 cr)
- EDCI 454 Secondary Mathematics Methods Practicum (1 cr)

B. 32-CREDIT MATHEMATICS TEACHING MAJOR

CS 112 Introduction to Problem Solving and Programming (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 176 Discrete Mathematics (3 cr)
Math 215 Seminar in Topology of the Plane (3 cr)
Math 330 Linear Algebra (3 cr)
Math 386 Theory of Numbers (3 cr)
Math 390 Axiomatic Geometry or Math 391 Modern Geometry (3 cr)
Math 461 Abstract Algebra or Math 471 Introduction to Analysis 1 (3 cr)
One of the following (3-4 cr):
- Stat 251 Statistical Methods (3 cr)
- Stat 271 Statistical Inference and Decision Analysis (4 cr)
- Stat 301 Probability and Stat (3 cr)
- Math 451 Probability Theory (3cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 434 Secondary Mathematics Methods (3 cr)
- EDCI 454 Secondary Mathematics Methods Practicum (1 cr)

C. 23-CREDIT MATHEMATICS TEACHING MINOR

Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 176 Discrete Mathematics (3 cr)
Math 330 Linear Algebra (3 cr)
Math 386 Theory of Numbers (3 cr)
Math 390 Axiomatic Geometry or Math 391 Modern Geometry (3 cr)
One of the following (3-4 cr):
- Stat 251 Statistical Methods (3 cr)
- Stat 271 Statistical Inference and Decision Analysis (4 cr)
- Stat 301 Probability and Stat (3 cr)
- Math 451 Probability Theory (3cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 434 Secondary Mathematics Methods (3 cr)
- EDCI 454 Secondary Mathematics Methods Practicum (1 cr)

MUSIC EDUCATION

29-CREDIT VOCAL MUSIC TEACHING MINOR

MusA 114 Studio Instruction (2 cr)*
MusA 145 and MusA 245 Piano Class for Music Majors/Minors (2 cr)
MusA 146 and MusA 246 Piano Class (2 cr)
MusA 151 Guitar Class for Music Majors (1 cr)
MusA 387 Conducting I (2 cr)
MusC 139-140 Aural Skills I-II (4 cr)
MusC 141-142 Theory of Music I-II (4 cr)
MusH 101 Survey of Music (students may substitute MusH 111) (3 cr)
MusT 385 Choral Music in the Secondary School (2 cr)
MusT 389 Orff, Kodaly, and Dalcroze (2 cr)
MusT 485 Choral Ensemble Rehearsal Techniques (1 cr)
MusX 140 Convocation (two semesters) (0 cr)
Vocal ensembles (4 cr)

*If students do not qualify immediately for MusA 114, they must take Voice Class until they can meet departmental approval.

PHYSICAL EDUCATION

30 TO 31 PHYSICAL EDUCATION TEACHING MINOR (Grade levels 1-12)

H&S 288 First Aid: Emergency Response (2 cr)
HPRD 201 Physical Activity, Wellness & Behavior Change (3 cr)
HPRD 210 Meaning of Movement and Injury Prevention (2 cr)
PEP 107 Movement Fundamentals (1 cr)
PEP 161 Introduction to Physical Education (1 cr)
PEP 300 Applied Human Anatomy & Biomechanics or PEP 418 Physiology of Exercise (2-3 cr)
PEP 360 Motor Behavior (3 cr)
PEP 380 Measurement and Evaluation (2 cr)
PEP 412 Elementary Physical Education Methods (3 cr)
PEP 421 Secondary Physical Education Methods (3 cr)
PEP 424 Physical Education for Special Populations (2 cr)
PEP 440 Physical Education Curriculum and Administration (2 cr)
Rec 125 Outdoor Leisure Pursuits (2 cr)
One of the following individual activity courses (1 cr):
- PEP 132 Skill and Analysis of Tennis, Pickleball, and Badminton (1 cr)
- PEP 133 Skill and Analysis of Golf, Softball and Archery (1 cr)
- PEP 202 Skill and Analysis of Stunts and Tumbling (1 cr)

One of the following team activity courses (1 cr):
- PEP 134 Skill and Analysis of Track and Field (1 cr)
- PEP 135 Skill and Analysis of Basketball and Volleyball (1 cr)
- PEP 136 Skill and Analysis of Soccer and Speedball (1 cr)

PHYSICAL SCIENCES

45-CREDIT COMPOSITE TEACHING MAJOR

This is a 40-credit composite teaching major consisting of courses in chemistry, geology, and physics. A teaching minor in mathematics is recommended to accompany this teaching major.

Biol 102 Biology and Society or Biol 116 Organisms and Environments or Geog 100 Physical Geog or Geog 401 Climatology (3-4 cr)
Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 275 Carbon Compounds (3 cr)
Geol 101 Physical Geology (4 cr)
Phys 103 General Astronomy (3 cr)
Phys 211, 212, 213 Engineering Physics I, II, III (12 cr)
Phys 411 Physical Instrumentation I (3 cr)
Additional electives in chemistry, geology, or physics to total 45 credits. Recommended elective courses include Chem 302 & MMBB 380 (2-3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 433 Secondary Science Methods (3 cr)
- EDCI 443 Secondary Science Methods Practicum (1 cr)

PHYSICAL SCIENCE-LIFE SCIENCE

63-CREDIT COMPOSITE TEACHING MAJOR

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 116 Organisms and Environments (4 cr)
Biol 120 Human Anatomy (4 cr)
Biol 121 Human Physiology (4 cr)
Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Phys 211, 212, 213 Engineering Physics I, II, III (12 cr)
Phys 411 Physical Instrumentation I (3 cr)
PlSc 205 General Botany (4 cr)
Courses in biology, chemistry, or physics (8 cr)
Electives chosen from the following (11 cr):
- Biol 314 Ecology and Population Biology (4 cr)
- Geog 100 Physical Geography (4 cr)
- Geog 401 Climatology (3 cr)
- MMBB 250, 255 General Microbiology and Lab (5 cr)
- Phys 103 General Astronomy (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 433 Secondary Science Methods (3 cr)
- EDCI 443 Secondary Science Methods Practicum (1 cr)

PHYSICS

A. 45-CREDIT PHYSICS TEACHING MAJOR

Biol 116 Organisms and Environments (4 cr)
Chem 101 Intro to Chemistry I or 111 Prin of Chemistry I (4 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
Phys 103 General Astronomy (3 cr)
Phys 211, 212, 213 Engineering Physics I, II, III (12 cr)
Phys 305 Modern Physics (3 cr)
Phys 411 Physical Instrumentation I (3 cr)
Approved upper division physics electives to total 45 credits in the teaching major.

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 433 Secondary Science Methods (3 cr)
- EDCI 443 Secondary Science Methods Practicum (1 cr)

B. 20-CREDIT PHYSICS TEACHING MINOR

Phys 211, 212, 213 Engineering Physics I, II, III (12 cr)
Phys 305 Modern Physics (3 cr)
Electives in physics (approved by advisor in Dept of Physics), including at least 2 credits of lab work (5 cr)

POLITICAL SCIENCE

A. 30-CREDIT POLITICAL SCIENCE TEACHING MAJOR

A minimum of 30 credits in political science courses is required with an additional 6 credits in US history necessary for certification. Courses listed in more than one field may be counted in only one of those fields. Substitutions in specific courses may be made with the consent of the advisor.

US history electives 6 cr
U.S. Government: Process and Policy (12-15 cr):
- PolS 101 Introduction to Political Science and American Government (3 cr)
- And 9-12 cr from the following: PolS 275, 431, 432, 433, 437, 439, 460, 464, 465, 469

15-18 credits from the following fields:
- **Comparative Government and Politics.** At least 3 credits from the following:
  - PolS 380, 381, 383, 480, 482, 484, 485, 487
- **International Relations.** At least 3 credits from the following:
  - PolS 237, 438, 440, 449
- **Public Administration and Public Law.** At least 3 credits from the following:
  - PolS 451, 452, 454, 460, 467, 468, 469
- **Political Thought.** At least 3 credits from the following:

PolS 425, 426, 428, 429

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 432 Secondary Social Science Methods (3 cr)
EDCI 442 Secondary Social Science Methods Practicum (1 cr)

B. 20 CREDIT POLITICAL SCIENCE TEACHING MINOR

A minimum of 20 credits in political science courses is required with an additional 6 credits in US history necessary for certification.

PolS 101 Introduction to Political Science and American Government (3 cr)
Three credits in U.S. government (see the list of courses in U.S. Govt: Process and Policy under teaching major above) (3 cr)
Three credits in comparative government (see the list of courses in Comparative Govt and Politics under teaching major above) (3 cr)
Other political science electives selected from courses listed in the teaching major (11 cr)
US history electives (6 cr)

PSYCHOLOGY

A. 30-CREDIT PSYCHOLOGY TEACHING MAJOR

The basic objective of this teaching major is to provide the undergraduate student with preparation that leads to teaching psychology in secondary schools, and/or to undertake graduate work in several related areas. Though psychology is an endorsement area, it is desirable to present two teaching minors in standard secondary-school subjects. At least a teaching minor in sociology/anthropology is recommended for those anticipating graduate work in guidance and counseling and school psychology. A second teaching major in lieu of two teaching minors is acceptable preparation. The composite teaching majors (i.e., social science or physical science), if elected as a second teaching major, should meet the stipulated credit requirement.

Psyc 101 Introduction to Psychology (3 cr)
Psyc 305 Developmental Psychology (3 cr)
One of the following courses (3-4 cr):
Psyc 218 Introduction to Research in Behavioral Sciences (4 cr)
Psyc 430 Tests and Measurements (3 cr)
Two of the following courses (6 cr):
Psyc 310 Psych of Personality (3 cr)
Psyc 311 Abnormal Psychology (3 cr)
Psyc 320 Introduction to Social Psychology (3 cr)
Two of the following courses (6 cr):
Psyc 325 Cognitive Psychology (3 cr)
Psyc 372 Physiological Psychology
Psyc 444 Sensation and Perception (3 cr)
Psyc 390 Psychology of Learning (3 cr)
Approved upper-division psychology elective (9 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 432 Secondary Social Science Methods (3 cr)
EDCI 442 Secondary Social Science Methods Practicum (1 cr)

B. 21-CREDIT PSYCHOLOGY TEACHING MINOR

Psyc 101 Introduction to Psychology (3 cr)
Psyc 305 Developmental Psychology (3 cr)
One of the following courses (3-4 cr):
Psyc 218 Introduction to Research in Behavioral Sciences (4 cr)
Psyc 430 Tests and Measurements (3 cr)
Two of the following courses (6 cr)
Psyc 310 Psych of Personality (3 cr)
Psyc 311 Abnormal Psychology (3 cr)
Psyc 320 Introduction to Social Psychology (3 cr)
One of the following courses (3 cr):
Psyc 325 Cognitive Psychology (3 cr)
Psyc 372 Physiological Psychology
Psyc 390 Psychology of Learning (3 cr)
Approved upper-division psychology electives (3 cr)

SOCIAL SCIENCE

A. 45-CREDIT COMPOSITE TEACHING MAJOR

The basic objective of this teaching major is to provide the undergraduate student with the preparation that leads to teaching social studies in the public schools. To obtain a social studies endorsement in the state of Idaho, a student must pass the Praxis II exam in both social studies content knowledge and in one of the other areas listed below where they have a minimum of 20 credits of coursework. This will result in a student being endorsed to teach in any of the subject areas included in the composite major.

Note: This does not mean that the student will be "Highly Qualified", for social studies under the provisions of the No Child Left Behind Act. For students to become "highly qualified", they must also pass the Praxis II exam in each subject area. A student with a social studies major does not have to earn 20 credits in each subject to take the Praxis in that area.

Note: Due to extensive course overlap, social science majors may NOT select history as a teaching second major or as a minor.

History (18 cr):
- Hist 101 History of Civilization (3 cr)
- Hist 102 History of Civilization (3 cr)
- Hist 111 Introduction to U.S. History (3 cr)
- Hist 112 Introduction to U.S. History (3 cr)
- Modern U.S. or European history (6 cr)

Economics (6 cr):
- Econ 201 Principles of Economics (3 cr)
- Econ 202 Principles of Economics (3 cr)

Geography – Choose two of the following (6 cr):
- Geog 165 Human Geography (3 cr)
- Geog 200 World Regional Geography (3 cr)
- Geog 330 Urban Geography (3-4 cr)
- Geog 360 Population Dynamics and Distribution (3-4 cr)
- Geog 365 Political Geography (3 cr)

Political Science (6 cr):
- PolS 101 Introduction to Political Science and American Government (3 cr)
- PolS 275 American State and Local Government (3 cr)

Sociology/Psychology (6 cr):
- Soc 101 Introduction to Sociology (3 cr)
- Psyc 101 Introduction to Psychology or Psyc 305 Developmental Psychology (3 cr)

Electives. Additional course from any area listed above excluding history (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
- EDCI 432 Secondary Social Science Methods (3 cr)
- EDCI 442 Secondary Social Science Methods Practicum (1 cr)

B. 45- OR 60-CREDIT TEACHING MAJOR THROUGH AMERICAN STUDIES

American studies majors follow the credit distributions and recommended courses as stated above for economics, geography, history, political science, and sociology/anthropology.

SOCIOLOGY/ANTHROPOLOGY

A teaching major in sociology/anthropology is not offered.

20-CREDIT SOCIOLOGY/ANTHROPOLOGY TEACHING MINOR

Anth 100 Introduction to Anthropology (3 cr)
Anth 220 Peoples of the World or Anth 329 North American Indians (3 cr)
Soc 101 Introduction to Sociology (3 cr)
Soc 230 Social Problems (3 cr)
Approved electives in anthropology and sociology (8 cr)

SPANISH

Basic language courses taken in high school or elsewhere may be evaluated for college equivalencies as part of this teaching major and minor. Consult the Department of Foreign Languages and Literatures for policies on credit for vertically-related courses.

A. 45-CREDIT SPANISH TEACHING MAJOR

Span 101-102 Elementary Spanish I-II (8 cr)
Span 201-202 Intermediate Spanish I-II (8 cr)
Span 301 Advanced Grammar (3 cr)
Span 302 Advanced Composition (3 cr)
Span 305 Culture and Institutions of Spain (3 cr)
Span 306 Culture and Institutions of Latin America (3 cr)
Upper-division courses in Spanish language (9 credits must be at 400 level) to total 45 credits in the teaching major.

A maximum of 3 credits in FLEN 391, 393, or 394 may be counted toward a teaching major in Spanish.

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)
EDCI 447 Secondary Foreign Language Methods Practicum (1 cr)

B. 22-CREDIT SPANISH TEACHING MINOR

Span 101-102 Elementary Spanish I-II (8 cr)
Span 201-202 Intermediate Spanish I-II (8 cr)
Approved upper-div Spanish electives (either Span 301 or 302 reqd; lab-based and lit in translation courses are not acceptable) (6 cr)

In addition to the above teaching requirements, the following special methods course is also required:
EDCI 437 Secondary Foreign Language Methods (3 cr)

Note: A minor in Spanish of less than 22 credits is not acceptable.

SPEECH

A. 31-CREDIT SPEECH TEACHING MAJOR

Comm 111 Introduction to Communication Studies (3 cr)
Comm 233 Interpersonal Communication (3 cr)
Comm 331 Conflict Management (3 cr)
Comm 332 Communication and the Small Group (3 cr)
Comm 335 Intercultural Communication (3 cr)
Comm 347 Persuasion or Phil 201 Critical Thinking (3 cr)
Comm 431 Professional Presentation Techniques (3 cr)
JAMM 100 Media and Society (3 cr)
The 105 Basics of Performance (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

B. 25-CREDIT SPEECH TEACHING MINOR

Comm 111 Introduction to Communication Studies (3 cr)
Comm 233 Interpersonal Communication (3 cr)
Comm 332 Communication and the Small Group (3 cr)
JAMM 100 Media and Society (3 cr)
The 105 Basics of Performance (3 cr)
Two of the following courses (6 cr)
Comm 335 Intercultural Communication (3 cr)
Comm 347 Persuasion or Phil 201 Critical Thinking (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required (1-2 credits will be taken concurrently with EDCI 485) (required for this teaching minor):
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

THEATRE ARTS

A. 45-46 CREDIT THEATRE ARTS TEACHING MAJOR

The 103-104 Theatre Technology I-II (8 cr)
The 105-106 Basics of Performance (6 cr)
The 201 Scene Design I (3 cr)
The 202 Costume Design I (3 cr)
The 207 Theatrical Make-up (3 cr)
The 305 Intermediate Acting (3 cr)
The 320 Theatre Management (2 cr)
The 371 Play Analysis (3 cr)
The 390 Theatre Practice (2-3 cr)
The 468-469 Theatre History I & II (6 cr)
The 471 Directing (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

B. 25-CREDIT THEATRE ARTS TEACHING MINOR

The 103-104 Theatre Technology I-II (8 cr)
The 105-106 Basics of Performance (6 cr)
The 201 Scene Design I (3 cr)
The 202 Costume Design I (3 cr)
The 320 Theatre Management (2 cr)
The 471 Directing (3 cr)

THEATRE ARTS-SPEECH

46-CREDIT COMPOSITE TEACHING MAJOR

Comm 111 Introduction to Communication Studies (3 cr)
Comm 233 Interpersonal Communication (3 cr)
Comm 331 Conflict Management (3 cr)
Comm 332 Communication and the Small Group (3 cr)
Comm 347 Persuasion or Phil 201 Critical Thinking (3 cr)
Comm 431 Professional Presentation Techniques (3 cr)
JAMM 100 Media and Society (3 cr)
The 103-104 Theatre Technology I-II (8 cr)
The 105-106 Basics of Performance (6 cr)
The 201 Scene Design I (3 cr)
The 202 Costume Design I (3 cr)
The 320 Theatre Management (2 cr)
The 471 Directing (3 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDCI 431 Secondary English Methods (3 cr)
EDCI 441 Secondary English Methods Practicum (1 cr)

Graduate Degree Programs

Candidates must fulfill the requirements of the College of Graduate Studies and of the Department of Curriculum and Instruction. See the College of Graduate Studies section of Part 4 for the general requirements applicable to each degree. Applicants for the M.S. or M.Ed. degree are expected to meet the requirements for the teaching certificate and one year of teaching experience.

Master of Education. General M.Ed. requirements apply.

Doctoral degrees. The Ed.D. and Ph.D. degrees in this field are offered through the college of education.

Teacher Certification and Professional Development. A person who holds a bachelor's degree and wishes to earn an early childhood development and education, elementary education, secondary education teaching certificate should talk to the chair of the Department of Curriculum and Instruction about entry into the certification and/or degree programs.