

College of Education

Larry B. Harris, Ph.D., Dean

The College of Education prepares students who are interested in the profession of teaching and who are seeking a comprehensive understanding of the complex processes associated with learning and teaching. Students pursuing teaching or administrative careers in schools, agencies, or the corporate world will find an assortment of integrated programs organized to meet their professional aspirations. All programs of the College are experiential, collaborative, problem centered, standards based, research guided, and technologically supported. The College is organized into nine program areas: 1) Business Education; 2) Child and Family, which includes a preschool laboratory; 3) Educational Administration; 4) Elementary Education; 5) Physical Education and Dance; 6) School Psychology; 7) Secondary and Technology Education; 8) Special Education; and 9) Career, Technical, and Adult Education.

Accreditations

The professional degrees offered by the College of Education comply with State of Idaho and the National Association of State Directors of Teacher Education and Certification (NASDTEC) standards for certification and licensure and with reciprocity standards of many other states.

The College of Education is fully accredited by the National Council for the Accreditation of Teacher Education (NCATE). The preschool laboratory is accredited by the National Academy of Early Childhood Programs. The Bachelor of Music Education is accredited by the National Association of Schools of Music in the Department of Music, which is in the College of Arts and Sciences. The School Psychology program is accredited by the National Association of School Psychologists.

The College of Education shares responsibility with the College of Arts and Sciences and the College of Health Professions for many of the secondary level teacher education degrees.

Organization of the College of Education

To facilitate student access to advising and other academic support services, the College of Education is organized into two divisions with program areas reflecting the degree programs offered in the College.

Division I

Peter Denner, Ph.D., Director

Professors: Coffland, Denner, Gates, Harris, Pehrsson, Sagness, Salzman, Spadafore, Stenson, A. Strickland
Associate Professors: Klug, Nunn, Pearson, Peña, Yates
Assistant Professors: Bliss, Hedeem, Luckey
Instructors: Bary, Farmer, Jones, J. Strickland

Division I is comprised of the following program areas and program area leaders:

- 1) **Elementary Education**
Richard Pearson, Ed.D.
(Elementary Teacher Education, Minority Education)
- 2) **Secondary and Technology Education**
Bill Yates, Ph.D.
(Secondary Teacher Education)
- 3) **School Psychology**
Gerald Spadafore, Ed.D.
(Graduate only)
- 4) **Special Education**
Carol M. Stenson, Ph.D.
(Special Education Teacher Education, Human Exceptionality, Regional Special Education)

Division II

T. C. Mattocks, Ed.D., Director

Professors: Bobell, Johnson, Lloyd, Myers, Rankin
Associate Professors: Croker, Daley, Davis, Humphrey, Jenkins, Lester, Mattocks, Peña, Rowe, Wilkins, Winter
Assistant Professors: Bale, Creighton, Noakes

Instructors: Chilson, Haskell, Larsen, Newsome

Division II contains the following program areas and program area leaders:

- 1) **Business Education**
Roger Rankin, Ph.D.
(Business Education Teacher Education)
- 2) **Career, Technical, and Adult Education**
John Bobell, Ed.D.
(Corporate Training, Vocational Teacher Education, Distance Learning); (Occupational Training Management—Graduate only)
- 3) **Child and Family Studies**
Steven Daley, Ph.D.
(Family and Consumer Sciences, Family and Consumer Sciences Teacher Education, Early Childhood Teacher Education, Early Childhood Special Education, Lab Preschool)
- 4) **Educational Administration**
Gene Davis, Ed.D.
(Graduate only)
- 5) **Physical Education and Dance**
Timothy Winter, Ph.D.
(Physical Education, Dance, Coaching, Physical Education Teacher Education)

Degrees Offered

Undergraduate degrees offered within the College of Education are the Bachelor of Arts in Early Childhood Education; Bachelor of Arts and Bachelor of Science in Elementary Education; Bachelor of Arts and Bachelor of Science in Family and Consumer Sciences (Home Economics); Bachelor of Arts and Bachelor of Science in Secondary Education; Bachelor of Arts and Bachelor of Science in Human Exceptionality; Bachelor of Music Education; Bachelor of Arts and Bachelor of Science in Physical Education; Bachelor of Science in Vocational Teacher Education; and Bachelor of Science in Corporate Training.

Graduate degrees include Master of Education, Master of Physical Education, Educational Specialist, and Doctor of Educational Leadership.

Programs at the master's level include early childhood special education, school psychological examiner, special education, curriculum and instruction, literacy,

educational administration, family and consumer sciences (home economics), occupational training management, and physical education.

A **sixth year certificate** is offered in educational administration.

A **planned fifth-year option** is available in teacher education.

Sixth year specialist degrees (Ed.S.) are offered in special education, school psychology, and educational administration.

A **Doctor of Education** (Ed.D.) degree is offered in Educational Leadership with concentration areas in Educational Administration, Educational Technology, Educational Training and Development, and Higher Education Administration.

Please consult the **Idaho State University Graduate Bulletin** for further information on advanced degrees.

Office of Clinical Experiences and Student Services

Richard Sagness, Ph.D., Director

The Office of Clinical Experiences and Student Services supports student teaching and other clinical experiences, and assists students with academic service needs. Services include admission to teacher education, undergraduate advisor assignments, transfer student course evaluations, petitions, academic appeals, and certification recommendations. Applications for clinical placements are processed and placements are made through this office.

General Education Requirements

All students who have declared a major in the College of Education and plan to acquire a Bachelor of Arts degree must complete all goals of the university general education requirements; i.e., Goals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A or 10B, 11, and 12. Students pursuing a Bachelor of Music Education degree must complete Goals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A or 10B, 11, and 12. Students pursuing a Bachelor of Science degree must complete Goals 1, 2, 3, 4, 5, two of Goals 6, 7, and 8; and three of Goals 9, 10A or 10B, 11 and 12. A checklist available in the College of Education main office provides goal selection guidance for students in the elementary and early childhood education programs.

Students transferring to Idaho State University from a junior college that is part of the statewide articulation agreement should refer to the section entitled “Statewide Articulation and Associate Degree Policy” in the General Information section of this catalogue to determine fulfillment of the university general education requirements; however, all students who plan to enter teacher education and who plan to student teach must fulfill, or have fulfilled, Goals 1 and 2.

Students who possess a bachelor’s degree in a discipline other than education and desire to complete requirements for a teaching certificate in any area, must complete, or have completed, Goals 1 and 2 or their equivalents.

Specific general education requirements unique to individual programs in the College of Education are listed with the program in this section of the catalogue.

Declaration of Major

When a student has completed a minimum of 24 semester credits of coursework, application should be made to the Office of Clinical Experiences and Student Services in the College of Education for admission to status as a declared major. Declaration of major must be accomplished by the time a student has completed 56 credits of coursework.

Advising System

Advisors are appointed for each student who applies for admission to teacher education or files an intent to become a declared major in the College of Education. Advisors are assigned by the Office of Clinical Experiences and Student Services. Division Directors and Program Area Leaders are also available for consultation.

Reasonable Accommodation for Students with Disabilities:

If you have a diagnosed disability or believe that you have a disability that might require “reasonable accommodation” on the part of the instructor, please call the Director of the Center of Services for Students with Disabilities (236-3912). As a part of the Americans with Disabilities Act, it is the responsibility of the student to disclose a disability prior to requesting reasonable accommodation.

Petitions

Petitions from students concerning College of Education and/or teacher education

requirements are initiated with the advisor on forms which are available in the Office of Clinical Experiences and Student Services. The advisor will review the petition for form and content and provide a recommendation. The student next seeks the signature and recommendation of his/her Division Director, then files it with the Director of Clinical Experiences and Student Services for review and/or action. Petitions concerning general education requirements of the university must also have the signature of the Assistant Dean, College of Arts and Sciences.

Certification Procedures

Students who successfully complete the teacher education program at Idaho State University are eligible to receive the Idaho State University recommendation for the Standard K-3 certificate, the Standard Elementary certificate, the Standard Secondary certificate, or the Standard Exceptional Child certificate. Students who anticipate teaching (certifying) in a state other than Idaho are advised to consult with the Office of Clinical Experiences and Student Services in the College of Education as to reciprocity agreement and possible additional requirements related to the states in question.

The student will initiate the certification process by obtaining an application for certification from the Office of Clinical Experiences and Student Services. The application must be completed by the student and returned with the transcript order and check or money order for the certificate attached. After the end of the semester, the necessary paperwork will be processed and signed by the Director of Clinical Experiences and Student Services and forwarded to the State Department of Education Certification Office. The College of Education maintains a record of all individuals recommended for certification. The Director of Clinical Experiences and Student Services is the official certification officer for the College of Education; all requests for certification must be processed and signed by the certification officer before the papers can be processed by any state Office of Certification.

Office of Standards and Assessment

Stephanie A. Salzman, Ed.D., Director

The functions of the Office of Standards and Assessment include maintenance of student databases, direction of

accreditation and program evaluation, and development of College reports to outside agencies as required. Through the generation and maintenance of databases and coordination of assessment activities, the Office of Standards and Assessment supports ongoing evaluation of the purposes, goals, and outcomes of College of Education programs and assists administration, faculty, and students in making decisions relative to the planning, design, and analysis of academic programs and student services.

Office of Professional Development for Schools

E. E. "Gene" Davis, Ed.D., Director, OPDS

Susan Jenkins, Ph.D., Director, Center for Economic Education

The Office of Professional Development for Schools (OPDS) coordinates professional education programs and coursework, agency/school development, business and community partnerships, and research with its related services.

These functions will be performed in cooperation with the following agencies within this office:

- Center for Economic Education
- League of Schools
- Magic Valley Partnership
- Collaborative partnerships with schools and businesses

Teacher Education Program

Idaho State University has an institutional commitment to the preparation of teachers. This commitment is carried out by the faculties of the College of Education and the College of Arts and Sciences, working in close cooperation through the Teacher Education Committee. This committee represents the subject and professional aspects of teacher education and is a subcommittee of the Curriculum Council of the university.

The objectives of the Idaho State University Teacher Education Program are designed to insure that graduates in teacher education meet the following Core Standards for Beginning Teachers:

- **Subject Matter Knowledge**

The teacher understands the central processes of inquiry of the subject matter he or she teaches and creates learning experiences that make subject matter meaningful to students.

- **Professional Standards and Research**

The teacher uses alternative theoretical perspectives and research to guide instructional decision-making and reflection on practice.

- **Student Individual Differences**

The teacher uses knowledge about student individual differences to plan, deliver, and analyze instruction.

- **Planning for Instruction**

The teacher plans meaningful learning experiences that promote student achievement and active involvement in learning.

- **Instructional Delivery**

The teacher uses a variety of instructional strategies to promote student achievement and active engagement in learning.

- **Assessment**

The teacher uses a variety of formal and informal assessments to evaluate learning and teaching.

- **Management of the Learning Environment**

The teacher creates and maintains a safe and effective learning environment.

- **Technology**

The teacher uses technology in the planning, delivery, analysis, and assessment of learning and instruction.

- **Literacy/Communication**

The teacher supports and expands student literacy skills and models effective communication.

- **School-to-Work Transition**

The teacher understands the central philosophical principles and processes of the school-to-work concept and creates learning experiences that enable student career awareness, exploration, and decision-making.

- **Family, School, and Community Relationships and Resources**

The teacher fosters relationships with the family, school, and community to support student learning and well-being.

- **Personal Characteristics and Interpersonal Skills**

The teacher displays beliefs, values, and behaviors that guide the ethical dimensions of professional practice.

Fulfilling the general requirements of teacher education gives the candidate for teaching a well-rounded education. Choice of a subject major and a subject minor provides the teaching background specialization for the secondary school teacher. Certain subject field requirements provide for the specialization needed by elementary school teachers. This general and specialized education is fulfilled via courses taken by the teacher education student in the College of Arts and Sciences and College of Health Professions. Professional education is provided through a broad foundation in the principles and practices of teaching with particular attention being given to educational philosophy, educational psychology, child growth and development, child guidance, and evaluation. Transition from preparation for teaching to actually becoming a teacher is provided during the internship period under competent and experienced teachers in area school districts.

Review procedures have been established for admission and retention of students in teacher education. These procedures also call for a review of each individual prior to a recommendation for certification. Copies of these standards and procedures are available from the Idaho State Department of Education and can be obtained from the College of Education Office of Standards and Assessment.

Because of the responsibility of a member of the teaching profession to the total development of young people, and notwithstanding a student's enrollment in or graduation from the College of Education, the Dean and the faculty of the College of Education reserve the right to refuse to recommend a student for a standard teaching certificate, or to admit a student to a teaching program, if such recommendation or assignment, in the discretion of the Dean and faculty of the College of Education, would appear to be contrary to or in violation of Sections 33-1202 and/or 33-1208, Idaho Code.

Full Admission to Teacher Education Program

Students must make formal application and complete an interview for admission to the Teacher Education Program. Application for admission and the scheduling of the admission interview are completed through forms available in the main office of the College of Education. Standards for admission are approved and implemented by the Teacher Education Committee, a committee representing all Idaho State University teacher education programs.

Students in teacher education are under the same general probationary policy as the rest of Idaho State University as far as probation and dismissal from the institution are concerned. However, to obtain recommendation for admission to teacher education and to remain in the program, certain broader criteria apply in respect to the applicant's general fitness for the teaching profession. These include (1) ability to work with and to understand children; (2) proficiency in citizenship and leadership qualities; (3) proficiency in English and other academic and professional subject matter; and (4) adequate mental and physical health. Students with deficiencies in scholarship or in any of the criteria may be withdrawn from the program.

Application for admission to teacher education is made on forms provided in the administrative offices of the College of Education following the completion of at least 24 credits hours of college work. Students may not register for core courses numbered 300 and above until full admittance to teacher education is achieved. Students who have been denied admittance to teacher education may reapply when deficiencies have been met. Criteria for admission include the following:

1. A 2.75 overall grade point average including all transfer credits or credits earned in a previous degree program.
2. A grade of "B" or higher in at least two of the following areas with a grade of no lower than "C" in any of the three areas:
 - ENGL 101 (English Composition) or College of Education approved equivalent.
 - COMM 101 (Principles of Speech) or College of Education approved equivalent.
 - MATH: Any of the following, or College of Education approved equivalent:

123 (Mathematics in Modern Society), or
 127 (Language of Math), or
 130 (Finite Math), or
 157 (Structure of Arithmetic for Elementary School Teachers), or
 160 (Brief Calculus), or
 170 (Calculus I), or
 253 (Introduction to Statistics)

3. A grade of "C" or higher in CIS 120 or College of Education approved equivalent.
4. Presentation of minimum scores achieved on the Pre-Professional Skills Test (PPST): Reading = 172; Writing = 174; Mathematics = 169.
5. Submission of Professional Portfolio entries completed as course requirements for EDUC 201.
6. Letter of recommendation from major advisor.
7. Submission of signed form indicating awareness of Idaho teacher certification requirements.
8. Successful completion of the Teacher Education Program Admission Interview.

Denial of Admission to Teacher Education

Students who have been denied admission to teacher education may reapply; however, they must meet the standards for admission in place at the time of their reapplication to attain full admission.

Senior Practicum/ Student Teaching

Richard L. Sagness, Ph.D., Director,
 Office of Clinical Experiences and Student Services

The senior practicum, or student teaching, is designed to be the culminating professional laboratory experience for students in teacher education. This is a professional development experience during which the student or associate teacher reconstructs and tests theory, applies it, and further develops a personal teaching style. It provides an opportunity for the associate teacher to

assume major responsibility for the full range of teaching in an approved school situation under the guidance of qualified personnel from Idaho State University and the cooperating elementary and secondary schools.

Student teaching is scheduled for a full semester; students should not plan to enroll in any additional coursework during the student teaching semester.

Admission to Student Teaching

Application for student teaching must be filed and an interview completed with the Director of the Office of Clinical Experiences and Student Services between October 1 and November 15 for fall semester of the following year, and between February 1 and March 15 for spring semester of the following year. There is a \$50 charge for late applications and interviews, a \$25 charge for change of placement, and a \$25 charge for reapplication. Applications for all student teaching may be obtained from the Office of Clinical Experiences and Student Services in the administrative offices of the College of Education.

The application must be signed by the advisor(s) and the Director of the Office of Clinical Experiences and Student Services.

Eligibility Criteria

No student will be permitted to enter student teaching courses (EDUC 492, 493, 494, 495, 496, H E 495, P E 495, LIBR 495, SPED 495, FCS 495) until the following are completed or achieved:

1. Completion of at least 96 credits.
2. Completion of at least 67% of the professional education core credits from Idaho State University.
3. A 2.75 grade point average overall including all transfer credits or credits earned in a previous degree program.
4. A 2.75 grade point average in the professional education core including all transfer credits or credits earned in a previous degree program with a grade of "C" or higher in all courses used for the professional education core.
5. A 2.50 grade point average in the teaching major and/or minor (secondary) or components (elementary) including all transfer credits or credits earned in a previous degree program.

6. A grade of "C" or higher in ENGL 201 (Critical Reading and Writing) or College of Education approved equivalent course.
7. Must be fully admitted to the teacher education program.
8. Letters of recommendation from major advisor, one instructor in major or minor, and one cooperating teacher during field experiences.
9. Submission of Professional Portfolio with required entries completed in conjunction with teacher education program courses.

Correspondence Courses

No student is permitted to enroll in a correspondence course during the semester in which he/she is student teaching without written permission from the Director of the Office of Clinical Experiences and Student Services.

Reasonable Accommodation for Students with Disabilities

If you have a diagnosed disability or believe that you have a disability that might require "reasonable accommodation" on the part of the instructor, please call the Director of the Center of Services for Students with Disabilities (236-3912). As a part of the Americans with Disabilities Act, it is the responsibility of the student to disclose a disability prior to requesting reasonable accommodation.

Bachelor's Degree in Teacher Education

Teacher Education General Requirements

All students pursuing a bachelor's degree in the College of Education must fulfill the University General Education requirements. These requirements are listed in this bulletin under the title of Graduation Requirements, General Education Requirements, and Academic Regulations.

Transfer policy, alternate means to satisfy general education requirements, and general education and major field requirements as listed in the graduation requirements section of this bulletin also apply to College of Education majors.

Majors

Early Childhood Teacher Education

The Bachelor of Arts in Early Childhood Education degree program is designed to provide training of teachers in the field of early childhood education. In addition, the program provides a means of upgrading the professional educator's knowledge and skills in the early childhood education area. The degree program is competency/field-based and allows students the opportunity to apply course work instruction to practical experiences in approved early childhood education centers at each level of preparation. Students interested in pursuing Early Childhood Education, either as a major field of endeavor or as a support component area, are advised to contact the Program Area Leader for Child & Family Studies for general information and program advisement.

Summary of Requirements for a Bachelor of Arts degree in Early Childhood Education

A minimum of 128 semester credit hours to include:

1. Completion of General Education requirements of the University.*

**The state of Idaho requires individuals who apply for a Standard Elementary or Standard K-3 teaching certificate to have completed the following general coursework; 12 credits of English to include both composition and literature; 12 credits of social science to include a course in U.S. History and/or U.S. Government (Psychology will not count); 8 credits in two or more areas of natural science (must include a physical and a biological science); 3 credits of fine arts (any art or music appreciation course); 6 credits in fundamental mathematics; 3 credits in content or methods of physical education*

and/or health education, exclusive of activity classes. Therefore, to help meet some of these certification requirements, it is recommended that Early Childhood and Elementary Education majors take one of the art or music courses listed to satisfy Goal 6 (fine arts); any of the English courses listed to satisfy Goal 7; either HIST 111 or 112 to satisfy Goal 9; an ANTH or HIST course to satisfy Goal 10; and an ANTH or SOC course to satisfy Goal 12. Goal 3 is satisfied by MATH 257 Structure of Geometry and Probability for Elementary School Teachers 3 cr.

2. Completion of a major in Early Childhood Education including:

- a. a component in either elementary education or an interdisciplinary block of coursework approved by the student's Early Childhood Education advisor, and
- b. the professional education core.

Professional Education Core

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

Early Childhood Education Required Courses

EDUC 304	Concepts and Practices of Early Childhood Education	3 cr
EDUC 305	Early Childhood Education Laboratory I	3 cr
EDUC 306	Advanced Concepts and Practices in Early Childhood Education	3 cr
EDUC 307	Early Childhood Education Laboratory II	3 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC 494	Early Childhood Education: Student Teaching	7-14 cr
FCS g401	Foundations of Early Childhood Education	3 cr
H E 200	Promoting Wellness	2 cr
H E 211	Health Education Methods/Elementary OR	1 cr
P E 211	Physical Education Methods/Elementary	1 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr
MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr

Elementary Education component

(may be selected to expand certification through upper elementary levels)

EDUC 235	Introduction to Elementary Art Methods and Materials	1 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 322	Literature for Children	2 cr
EDUC 330	Elementary Math Methods	2 cr
EDUC 331	Elementary Science Methods	2 cr
EDUC 336	Social Science Methods	2 cr
H E 211	Health Education Methods/Elementary	1 cr
MUSC 233	Music Methods for Elementary Teachers	2 cr
P E 211	Physical Education Methods/Elementary	1 cr

Elementary Teacher Education

Summary of Requirements for a Bachelor of Arts or a Bachelor of Science degree in Elementary Education

A minimum of 128 semester credit hours to include:

1. Completion of General Education requirements of the University. *

**The state of Idaho requires individuals who apply for a Standard Elementary or Standard K-3 teaching certificate to have completed the following general coursework; 12 credits of English to include both composition and literature; 12 credits of social science to include a course in U.S. History and/or U.S. Government (Psychology will not count); 8 credits in two or more areas of natural science (must include a physical and a biological science); 3 credits of fine arts (any art or music appreciation course); 6 credits of fundamental mathematics; 3 credits in content or methods of physical education and/or health education, exclusive of activity classes. Therefore, to help meet some of these certification requirements, it is recommended that Early Childhood and Elementary Education majors take one of the art or music courses listed to satisfy Goal 6 (fine arts); any of the English courses listed to satisfy Goal 7; either HIST 111 or 112 to satisfy Goal 9; an ANTH or HIST course to satisfy Goal 10; and an ANTH or SOC course to satisfy Goal 12. Goal 3 is satisfied by MATH 257 Structure of Geometry and Probability for Elementary School Teachers 3 cr.*

2. Completion of a major in Elementary Education to includes:

- a. one component of 30 semester credit hours or two components of 18 semester credit hours each, chosen from the fields listed under Elementary Education component fields, and
- b. the professional education core.

Professional Education Core

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

Elementary Education Required Courses

EDUC 235	Introduction to Elementary Art Methods and Materials	1 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 322	Literature for Children	2 cr
EDUC 330	Elementary Mathematics Methods	2 cr
EDUC 331	Elementary Science Methods	2 cr
EDUC 336	Social Science Methods	2 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC 494	Early Childhood Education: Student Teaching	7-14 cr
H E 200	Promoting Wellness	2 cr
H E 211	Health Education Methods/Elementary	1 cr
P E 211	Physical Education Methods/Elementary	1 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr
MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr
MUSC 233	Music Methods for Elementary School Teachers	2 cr

Elementary Education Components

Components in elementary education are designed to provide concentration in given fields. Students majoring in Elementary Education must choose either two 18 credit components or one 30 credit component. Students should consult with their College of Education advisor to clarify or modify component selections.

Art (20 cr)

ART 105	Drawing I	3 cr
ART 103	Creative Process	3 cr
ART 104	Creative Process	3 cr
ART 100	Survey of Art	3 cr
EDUC 335	Elementary School Art: Methods and Materials	2 cr
	Studio electives	6 cr

It is highly recommended that the student also take ART 334.

Art (38 cr)

ART 100	Survey of Art	3 cr
ART 101	History of Western Art I	3 cr
ART 102	History of Western Art II	3 cr
ART 103	Creative Process	3 cr
ART 104	Creative Process	3 cr
ART 105	Drawing I	3 cr
	Studio electives	18 cr
EDUC 335	Elementary School Art: Methods and Materials	2 cr

It is highly recommended that the student also take ART 334.

Biological Science (18 cr)

BIOL 100	Concepts Biology: Human Concerns	4 cr
BIOL 202	General Zoology	3 cr
	OR	
BIOL 203	General Botany	3 cr
BIOL 202L	General Zoology Laboratory	1 cr
	OR	
BIOL 203L	General Botany Laboratory	1 cr
	Electives in Biology, Zoology, Microbiology, Botany, or Ecology:	10 cr

BIOS 413 is highly recommended as an elective.

Biological Science (30 cr)

BIOL 202	General Zoology	3 cr
	OR	
BIOL 203	General Botany	3 cr
BIOL 202L	General Zoology Laboratory	1 cr
	OR	
BIOL 203L	General Botany Laboratory	1 cr
BIOS 100	Concepts Biology: Human Concerns	4 cr
	Electives in Biology, Zoology, Microbiology, Botany, or Ecology:	22 cr

BIOS 413 is highly recommended as an elective.

Early Childhood Education (18 cr)

EDUC 304	Concepts and Practices in Early Childhood Education	3 cr
EDUC 305	Early Childhood Education Laboratory I	3 cr
EDUC 306	Advanced Concepts and Practices in Early Childhood Education	3 cr
EDUC 307	Early Childhood Education Laboratory II	3 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 403	Classroom Instruction Laboratory/Early Childhood	3 cr

Earth Sciences (18 cr and 30 cr)

18 and 30 credit hour components are available, but due to the nature of certain courses and prerequisites, students should plan with

the Geology Department to establish an approved sequence of course work.

Education of Hearing Impaired (18 cr) (Non-certification program)

SPA 320	Clinical Phonology	3 cr
SPA 327	Sign Language I	2 cr
SPA 328	Sign Language II	2 cr
SPA 340	Audiology I: Hearing Science and Audiometry	4 cr

Three courses selected from:

SPA 205	Introduction to Communication Disorders	3 cr
SPA g301	Developmental Psycholinguistics and Reading	3 cr
SPA 329	Sign Language III	2 cr
SPA 330	Language Development	3 cr
SPA 335	Language Disorders	3 cr
SPA 345	Audiology II: Aural Rehabilitation	3 cr

English (18 cr)

ENGL 107	Nature of Language	3 cr
ENGL 110	Introduction to Literature	3 cr
ENGL 211	Introduction to Literary Analysis	3 cr

ENGL 281	Introduction to Grammar	3 cr
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One of the following:

ENGL 311	Studies in Genre	3 cr
ENGL 321	Studies in Dramatic Literature	3 cr

ENGL 322	Studies in Poetry	3 cr
ENGL 323	Studies in Prose Fiction	3 cr
ENGL 324	Studies in Prose Non-Fiction	3 cr

One of the following:

ENGL 301	Writing About Literature	3 cr
ENGL 307	Professional Writing	3 cr
ENGL g401	Advanced Composition and Prose Analysis	3 cr

English (30 cr)

ENGL 107	Nature of Language	3 cr
ENGL 110	Introduction to Literature	3 cr
ENGL 211	Introduction to Literary Analysis	3 cr

ENGL 267 or 268	Survey of English Literature I & II	3 cr
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ENGL 277 or 278	Survey of American Literature	3 cr
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ENGL 281	Introduction to Grammar	3 cr
ENGL 311	Studies in Genre	3 cr

One of the following:

ENGL 206	Creative Writing Workshop	3 cr
ENGL 306	Creative Writing Workshop	3 cr

One of the following:

ENGL 301	Writing About Literature	3 cr
ENGL 307	Professional Writing	3 cr
ENGL 401	Advanced Composition and Prose Analysis	3 cr

Upper division English electives		3 cr
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Family and Consumer Sciences (19 cr)

FCS 104	Foods	3 cr
FCS 127	Fashion: Personal Selection	2 cr
FCS 239	Nutrition	3 cr
FCS 303	Child Development Practicum	2 cr
FCS 322	Building Positive Relationships	3 cr
FCS 371	Consumer Economics	3 cr
FCS 431	Family Resource Management	3 cr

Foreign Language— French, German, Spanish (19 cr)

Elementary courses		8 cr
Intermediate courses		8 cr
LANG 307	Foreign Language Practicum	3 cr

Foreign Language— French, German, Spanish (31 cr)

Elementary courses		8 cr
Intermediate courses		8 cr
LANG 307	Foreign Language Practicum	3 cr
Conversation and Composition		6 cr
Electives from language literature courses		6 cr

General Science (18 and 30 cr)

Select credits from at least three (3) of the following areas: Biology, Chemistry, Geology, Microbiology, Physics. For the 30 credit component, 6 credits of upper division course work must be completed in one of the science areas.

Health Education (18 cr)

FCS 239	Nutrition	3 cr
H E 200	Promoting Wellness	2 cr
H E 221	Introduction to Health Education	1 cr
H E 332	Community and Public Health	2 cr
H E 339	Methods of Teaching Health	3 cr
H E g340	Fitness and Wellness Program	3 cr
H E 430	Curriculum in Health Education	2 cr
Approved electives in Health Education		2 cr

Health Education (30 cr)

FCS 239	Nutrition	3 cr
H E 200	Promoting Wellness	2 cr
H E 221	Introduction to Health Education	1 cr
H E 332	Community and Public Health	2 cr
H E 339	Methods of Teaching Health	3 cr
H E 340	Fitness and Wellness Education	3 cr
H E g360	Healthy Lifestyle Management	3 cr
H E g401	Issues in Health and Wellness	4 cr
H E g402	Core Topics in Health	4 cr
H E 430	Curriculum in Health Education	2 cr
Approved electives in Health Education		3 cr

History (18 cr)

HIST 101	Foundation of Western Civilization	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST g336	Idaho and the Northwest	3 cr
Electives in History		3 cr

History (30 cr)

HIST 101	Foundation of Western Civilization	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST 336	Idaho and the Northwest	3 cr
Electives in History		15 cr
(must include at least 9 credits of upper division)		

Humanities (18 cr)

Humanities credits from at least 3 of the following areas:

American Studies (literature);

Art;

ART 100	Survey of Art	3 cr
ART 101	History of Western Art I	3 cr
ART 102	History of Western Art II	3 cr
ART 210	History and Appreciation of Photography	3 cr

Foreign Languages;

Literature;

Music;

MUSC 100	Introduction to Music	3 cr
MUSC 106	American Music	3 cr
MUSC 303	Music History I	3 cr
MUSC 304	Music History II	3 cr
MUSC 305	Music History III	3 cr
MUSC 306	Music History IV	3 cr

Philosophy (other than logic);

Physical Education;

P E 201	Survey of Dance	3 cr
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Speech;

COMM 101	Principles of Speech	2 cr
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Theatre;

THEA 101	Appreciation of Drama	3 cr
THEA 126	Art of the Film I	3 cr
THEA 305	Art of the Film II	3 cr
THEA g313	Theatre Background I	3 cr
THEA g314	Theatre Background II	3 cr
THEA g323	Stage Costume History and Design	3 cr
THEA g328	Stage Costume History and Design	3 cr
THEA g419	Modern European Theatre	3 cr
THEA g420	American Theatre	3 cr

Humanities (30 cr)

Humanities credits from at least 4 of the following areas, including at least 10 credits of upper division:

American Studies (literature);

Art;

ART 100	Survey of Art	3 cr
ART 210	History and Appreciation of Photography	3 cr
ART 101	History of Western Art I	3 cr
ART 102	History of Western Art II	3 cr

Foreign Languages;**Literature;****Music;**

MUSC 100	Introduction to Music	3 cr
MUSC 106	American Music	3 cr
MUSC 303	Music History I	3 cr
MUSC 304	Music History II	3 cr
MUSC 305	Music History III	3 cr
MUSC 306	Music History IV	3 cr

Philosophy (other than logic);**Physical Education;**

P E 201	Survey of Dance	3 cr
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Speech;

COMM 101	Principles of Speech	2 cr
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Theatre;

THEA 101	Appreciation of Drama	3 cr
THEA 126	Art of Film I	3 cr
THEA 305	Art of Film II	3 cr
THEA g313	Theatre Background I	3 cr
THEA g314	Theatre Background II	3 cr
THEA g323	Stage Costume History and Design	3 cr
THEA g328	Stage Costume History and Design	3 cr
THEA g419	Modern European Theatre	3 cr
THEA g420	American Theatre	3 cr

Library Science (20 cr)

(required for media generalist's certification)

EDUC 322	Literature for Children	2 cr
LIBR 121	Introduction to Library Use	2 cr
LIBR 221	Bibliography and Reference	3 cr
LIBR 257	Cataloging and Classification	3 cr
LIBR 259	Audio-Visual Materials and Computers in the Classroom	3 cr
	OR	
LIBR g355	Media Center Administration	3 cr
LIBR g356	Automation, Selection, and Evaluation of Library Materials	3 cr
LIBR g440	Practicum	1-4 cr

Mainstreaming (20 cr)

(does not lead to Special Education Certification)

SPED 270	Field Work in Special Education	2 cr
SPED g330	The Exceptional Child	3 cr
SPED g334	Classroom Behavior Management	3 cr
SPED g424	Assessment Procedures in Special Education	3 cr
SPED g425	Diagnostic Procedures	3 cr
SPED g438	Policies and Procedures is Special Education	3 cr
	Elective in SPED courses	3 cr

Mathematics (20 cr)

MATH 147	Precalculus	5 cr
MATH 160	Brief Calculus	4 cr
	OR	
MATH 170	Calculus I	4 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr

MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr
MATH 280	FORTRAN	2 cr
	OR	
C S 181	Introduction to Computer Science and Programming I	3 cr
	Electives in Mathematics	3 cr

Mathematics (30 cr)

MATH 147	Precalculus	5 cr
MATH 160	Brief Calculus	4 cr
	OR	
MATH 170	Calculus I	4 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr
MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr
MATH 280	FORTRAN	2 cr
	OR	
CS 181	Introduction to Computer Science and Programming I	3 cr
MATH 287	Discrete Structures	3 cr
	Electives in Mathematics	12 cr

Multicultural Studies (18 cr)

ANTH 238	Peoples and Cultures of New World	3 cr
ECON 201	Principles of Macroeconomics	3 cr
	OR	
ECON 202	Principles of Microeconomics	3 cr
ENGL 107	Nature of Language	3 cr
SOC 248	Local and National Minorities	3 cr
	One of the following	3 cr
HIST 251	Latin American Civilization	3 cr
HIST 252	East Asian History	3 cr
HIST 254	Middle Eastern Civilization	3 cr
HIST 255	African History and Culture	3 cr
	Approved upper division elective	3 cr

Music (18 cr)

*Music Department approval is necessary for the 18 and 30 hour components listed below. Acceptance is dependent upon diagnostic placement exams and performance auditions. Please consult the Music Department chairperson before beginning either of these components.

MUSC 100	Introduction to Music	3 cr
MUSC 103	Theory of Music I	4 cr
MUSC 104	Theory of Music II	4 cr
MUSC 118-119	Class Piano	2 cr
	OR	
MUSC 218-219	Class Piano	2 cr
	OR	
	equivalent piano proficiency	
MUSC 127	Class Voice	1 cr
MUSC 233	Music Methods for Elementary Teachers	2 cr
MUSC 319	Choral Conducting and Materials	2 cr

Music (30 cr)

MUSC 100	Introduction to Music	3 cr
MUSC 103	Theory of Music I	4 cr

MUSC 104	Theory of Music II	4 cr
MUSC 118-119	Class Piano	2 cr
	OR	
MUSC 218-219	Class Piano	2 cr
	OR	
	Equivalent piano proficiency	
MUSC 125	Beginning Guitar Class	1 cr
MUSC 127	Class Voice	1 cr
MUSC 233	Music Methods for Elementary Teachers	2 cr
MUSC 305	Music History III	3 cr
	AND/OR	
MUSC 306	Music History IV	3 cr
MUSC 319	Choral Conducting and Materials	2 cr
	Applied music	4 cr
	Large ensemble (Band, Orchestra, Choir)	4 cr

Physical Education (18 cr)

P E 221	History and Philosophy of Physical Education	2 cr
P E 260	Methods of Dance for Children	2 cr
P E 300	Movement Theory	2 cr
P E 357	Physical Education for Elementary Schools	2 cr
P E g494	Special Physical Activity	3 cr
H E 205	First Aid and Safety	2 cr
	Approved electives in Physical Education	6 cr

Physical Education and Health Education (30 cr)

FCS 239	Nutrition	3 cr
H E 205	First Aid and Safety	2 cr
H E 221	Introduction to Health Education	2 cr
H E 332	Community and Public Health	2 cr
H E 340	Fitness and Wellness Programs	3 cr
H E g401	Issues in Health and Wellness	4 cr
P E 221	History and Philosophy of Physical Education	2 cr
P E 260	Methods of Dance for Children	2 cr
P E 300	Movement Theory	2 cr
P E 357	Physical Education for Elementary Schools	2 cr
P E g494	Special Physical Activity	3 cr
	Approved electives	4 cr

Political Science (21 cr)

POLS 101	Introduction to American Government	3 cr
POLS 313	Introduction to Political Philosophy	3 cr
POLS 331	Comparative Politics: Framework for Analysis	3 cr
POLS g301	Political Parties and Interest Groups	3 cr
	OR	
POLS g427	Voting and Public Opinion	3 cr
	OR	
POLS g443	Constitutional Law	3 cr
POLS g403	The Presidency	3 cr
	OR	
POLS g404	The Legislative Process	3 cr
	United States History	6 cr

Psychology (18 cr)

PSYC 101	Intro to General Psychology I	3 cr
PSYC 102	Intro to General Psychology II	3 cr
	Approved electives in Psychology	12 cr

Literacy (20 cr)

EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 322	Literature for Children	2 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC g424	Assessing Literacy Abilities	3 cr
EDUC g426	Remediation of Literacy Problems	3 cr
SPA g301	Developmental Psycholinguistics and Reading OR Approved elective	3 cr

Social Science (18 cr)

HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
Electives		12 cr

Must be selected from at least three of the following areas: Anthropology, American Studies (History), Economics, Political Science, History (HIST g336, History of Idaho and the Northwest is recommended), and Sociology.

Social Science (30 cr)

HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST g336	History of Idaho and the Northwest	3 cr

Electives to include at least 12 credits of upper division courses (Must be selected from at least four of the following areas: Anthropology, American Studies (History), Economics, Political Science, History, and Sociology.)

Sociology (18 cr)

SOC 101	Introduction to Sociology	3 cr
SOC 102	Social Problems	3 cr
SOC 206	Sociological Methods	3 cr
SOC 248	Local and National Minorities	3 cr
SOC 301	Principles of Sociology	3 cr
SOC g361	Social Stratification	3 cr

Special Education (30 cr)

P E g494	Special Physical Activity	3 cr
SPED 270	Field Work in Special Education	2 cr
SPED g330	The Exceptional Child	3 cr
SPED g334	Classroom Behavior Management	3 cr
SPED g424	Assessment Procedures in Special Education	3 cr
SPED g425	Diagnostic Procedures	3 cr
SPED g427	Precision Teaching	1 cr
SPED g432	Direct Instruction Systems	3 cr
SPED g437	Families and Disability	3 cr
SPED g438	Policies and Procedures in Special Education	3 cr

Electives selected from:

SPA 205	Introduction to Communication Disorders	3 cr
SPA g301	Developmental Psycholinguistics and Reading	3 cr
SPED g440	Biomedical Aspects of Physical Disability	2 cr
SPED g448	Pre-Practicum, Moderately Handicapped	1-3 cr
SPED g480	Seminar in Special Education	1 cr
SPED g491	Seminar	1-3 cr
SPED g498	Advanced Field Work	3 cr

For initial certification in special education, SPED 495, Special Education Student Teaching, for 7-14 credits is required in

addition to the 30 credits. A major component in elementary education is also required to achieve certification in Idaho.

Speech Communication/ Theatre (30 cr)

SPCH 117	Oral Interpretation: Textual Analysis	3 cr
SPCH 208	Group Communication	3 cr
SPCH 355	Nonverbal Communication	3 cr
SPCH g441	Interpersonal Communication	3 cr
THEA 101	Appreciation of Drama	3 cr
THEA 204	Fundamentals of Puppetry	2 cr
ENGL 267-268	Survey of English Literature I & II	6 cr
400-level Speech elective selected from:		
SPCH g436	Rhetorical Criticism	3 cr
SPCH g437	Rhetorical Theory	3 cr
SPCH g452	Conflict Management	3 cr
Electives in Theatre		10 cr

Secondary Teacher Education

Summary of Requirements for a Bachelor of Arts or a Bachelor of Science degree in Secondary Education.

A minimum of 128 semester credit hours to include:

1. Completion of general university requirements (see Academic Regulations and Graduation Requirements of the university).
2. Completion of a subject teaching major of at least 30 semester credit hours as recommended by the subject department and approved by the College of Education, and completion of a subject teaching minor of at least 20 semester credit hours as recommended by the subject department and approved by the College of Education, OR completion of a single subject teaching major of at least 45 semester credit hours as recommended by the subject department and approved by the College of Education.
3. Completion of the professional education core.

Professional Education Core

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr

EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

Secondary Education Teaching Majors and Minors

Art Major

ART 100	Survey of Art	3 cr
ART 101	History of Western Art I	3 cr
ART 102	History of Western Art II	3 cr
ART 103	Creative Process	3 cr
ART 104	Creative Process	3 cr
ART 105	Drawing I	3 cr
ART 334	Secondary School Art Methods	2 cr
Studio electives from varied studio classes (Art 105 not included)		12 cr

Art Minor

ART 105	Drawing I	3 cr
ART 103	Creative Process	3 cr
ART 104	Creative Process	3 cr
ART 100	Survey of Art	3 cr
ART 101	History of Western Art I OR	3 cr
ART 102	History of Western Art II	3 cr
ART 334	Secondary School Art Methods	2 cr
Studio electives from varied studio classes		9 cr

Biological Science Major

BIOL 202	General Zoology	3 cr
BIOL 202L	General Zoology Laboratory	1 cr
BIOL 203	General Botany	3 cr
BIOL 203L	General Botany Laboratory	1 cr
BIOS 206	Cell Biology	3 cr
BIOS 207	Cell Biology Laboratory	1 cr
BIOS 209	General Ecology	4 cr
BIOS 213	Spring Flora OR	2 cr
BIOS 214	Fall Flora	2 cr
BIOS 221	Introductory Microbiology	3 cr
BIOS 223	Introductory Microbiology Laboratory	1 cr
BIOS g310	Invertebrate Zoology	4 cr
BIOS g317	Organic Evolution	3 cr
BIOS g413	Biology Teaching Methods	3 cr
BIOS g491 or g492	Seminar	1 cr

Recommended courses are BIOS g312 instead of BIOS 213 or BIOS 214, BIOS g358, and BIOS g431.

Biological Science Minor

BIOL 202	General Zoology	3 cr
BIOL 202L	General Zoology Laboratory	1 cr
BIOL 203	General Botany	3 cr
BIOL 203L	General Botany Laboratory	1 cr
BIOS 221	Introductory Microbiology	3 cr
BIOS 223	Introductory Microbiology Laboratory	1 cr
BIOS g413	Biology Teaching Methods	3 cr
Electives (must include a minimum of 2 credits of Botany)		5 cr

Business Education Major

ACCT 201	Principles of Accounting I	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 240	Speedwriting Shorthand	3 cr
B ED 310	Microcomputers in Business Education	3 cr
B ED 320	Clerical Procedures	2 cr
B ED 330	Advanced Technology in Business Education	3 cr
B ED 332	Methods in Business Education	3 cr
VED g401	Foundations of Occupational Education	3 cr
VED g444	Guidance and Special Needs Concepts for Vocational Education	3 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr
Select from the following:		
ECON 100	Economic Issues	3 cr
ECON 201 or 202	Principles of Macroeconomics and Microeconomics	3 cr
FCS 371	Consumer Economics	3 cr

Business Education Minor

ACCT 201	Principles of Accounting	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 240	Speedwriting Shorthand	3 cr
B ED 310	Microcomputers in Business Education	3 cr
B ED 320	Clerical Procedures	2 cr
B ED 332	Methods in Business Education	3 cr
VED g401	Foundations of Occupational Education	3 cr
Select from the following:		
ECON 100	Economic Issues	3 cr
ECON 201 or 202	Principles of Macroeconomics and Microeconomics	3 cr
FCS 371	Consumer Economics	3 cr

**Business Education/
Basic Business Major**

ACCT 201	Principles of Accounting I	3 cr
ACCT 202	Principles of Accounting II	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 310	Microcomputers in Business Education	3 cr
B ED 332	Methods in Business Education	3 cr
ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
MGT 261	Legal Environment of Organizations	3 cr
VED g401	Foundations of Occupational Education	3 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

**Business Education/
Basic Business Minor**

ACCT 201	Principles of Accounting I	3 cr
ACCT 202	Principles of Accounting II	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 332	Methods in Business Education	3 cr
ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
MGT 261	Legal Environment of Organizations	3 cr
VED g401	Foundations of Occupational Education	3 cr

Chemistry Major

CHEM 111	General Chemistry I	5 cr
CHEM 112	General Chemistry II	4 cr
CHEM 114	Cations and Anions	1 cr
CHEM 211	Inorganic Chemistry I	2 cr
CHEM 232	Quantitative Analysis	2 cr
CHEM 234	Quantitative Analysis Lab	2 cr
CHEM g400	Practicum in Physical Science	2 cr
Approved electives in Chemistry		12 cr

Chemistry Minor

CHEM 111	General Chemistry I	5 cr
CHEM 112	General Chemistry II	4 cr
CHEM 211	Inorganic Chemistry I	2 cr
CHEM g400	Practicum in Physical Science	2 cr
Approved electives in Chemistry		7 cr

Consumer Economics Minor

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
FCS 371	Consumer Economics	3 cr
FCS 431	Family Resource Management	3 cr
FCS g471	Advanced Consumer Econ	3 cr
Additional credits chosen from the following:		
ACCT 200	Personal Tax Planning	3 cr
ACCT 201	Principles of Accounting I	3 cr
ACCT 202	Principles of Accounting II	3 cr
ECON g323	Economic History	3 cr
ECON g331	Money and Banking	3 cr
ECON g334	International Economics	3 cr
ECON g338	Public Finance	3 cr
FCS g472	Teaching Consumer Economics	1-3 cr
FIN 303	Principles of Real Estate	3 cr
MGT 215	Small Business Management	3 cr
MGT 261	Legal Environment of Organizations	3 cr
MGT 362	Business Law	3 cr
MKTG 325	Basic Marketing Management	3 cr
MKTG g327	Consumer Behavior	3 cr

Economics Major

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ECON g301	Macroeconomic Theory	3 cr
ECON g302	Microeconomic Theory	3 cr
ECON g323	Economic History	3 cr
ECON g331	Money and Banking	3 cr
Approved electives in Economics		12 cr

Economics Minor

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ECON g301	Macroeconomic Theory	3 cr
ECON g302	Microeconomic Theory	3 cr
Approved electives in Economics		12 cr

**Education of Hearing
Impaired Minor**

SPA 320	Clinical Phonology	3 cr
SPA 327	Sign Language I	2 cr
SPA 328	Sign Language II	2 cr
SPA 340	Audiology I: Hearing Science and Audiometry	4 cr
Three courses selected from:		
SPA 205	Introduction to Communication Disorders	3 cr
SPA g301	Developmental Psycholinguistics and Reading	3 cr
SPA 329	Sign Language III	2 cr
SPA 330	Language Development	3 cr
SPA 335	Language Disorders	3 cr

SPA 345	Audiology II: Aural Rehabilitation	3 cr
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Non-certification program; must be accompanied by a single subject 45 semester hour major.

English Major

ENGL 211	Introduction to Literary Analysis	3 cr
ENGL 267 or 268	Survey of English Literature I & II	3 cr
ENGL 277 or 278	Survey of American Literature I & II	3 cr
ENGL 281	Introduction to Grammar	3 cr
ENGL 301	Writing About Literature	3 cr
ENGL 311	Studies in Genre	3 cr
ENGL 331*	Methods in the Teaching of English	3 cr
ENGL 491	Senior Seminar	3 cr
One of the following:		
ENGL g472	Proseminar in a Major Literary Figure	3 cr
ENGL g473	Chaucer	3 cr
ENGL g474	Milton	3 cr
ENGL g476	Shakespeare	3 cr
Approved electives (6 cr must be upper division) 9 cr		
*ENGL 331 must be completed before student teaching.		

English Minor

ENGL 211	Introduction to Literary Analysis	3 cr
ENGL 267 or 268	Survey of English Literature I & II	3 cr
ENGL 277 or 278	Survey of American Literature I & II	3 cr
ENGL 281	Introduction to Grammar	3 cr
ENGL 301	Writing About Literature	3 cr
ENGL 311	Studies in Genre	3 cr
ENGL 331*	Methods in the Teaching of English	3 cr
*ENGL 331 must be completed before student teaching.		

**Family and Consumer
Sciences (Home Economics)
Minor**

FCS 104	Foods	3 cr
FCS 127	Fashion: Personal Selection	2 cr
FCS 239	Nutrition	3 cr
FCS 303	Child Development Practicum	2 cr
FCS 310	Housing Concepts	2 cr
FCS 321	Marriage and Family	3 cr
OR		
FCS 422	Building Family Strengths	3 cr
FCS 332	Family and Consumer Sciences Curriculum	3 cr
FCS 371	Consumer Economics	3 cr
Select one course from the following:		
FCS 128	Construct Concepts Using Fabric	3 cr
FCS 204	Meal Management	2 cr
FCS 228	Textiles	3 cr
FCS 302	Child Development	3 cr
FCS 322	Building Positive Relationships	3 cr
FCS 405	Community Nutrition Issues	2 cr
FCS 427	Fashion: Diversity	3 cr
FCS g435	Family as a Developmental Context	3 cr
FCS g471	Advanced Consumer Econ	3 cr

It is suggested that ART 100 be taken to meet Goal 6. This minor does not meet coursework standards for vocational endorsement.

French Major

FREN 301-302	French Conversation and Composition	6 cr
	and their prerequisites or equivalent high school courses.	
LANG g437	The Teaching of Foreign Languages	3 cr
	Upper division electives in French	10 cr
	(must be approved by the Foreign Languages Department and the College of Education).	

French Minor

FREN 201-202	Intermediate French (or equivalent)	6 cr
LANG g437	The Teaching of Foreign Languages	3 cr
	Approved electives in French	12 cr
	(must be approved by the Foreign Languages Department and the College of Education).	

Geology Major

GEOL 100 OR 101-101L, OR 109-110 (recommended), 102, 115, 122, 210, 306, 371 (23 credits), plus approved geology electives to total 30 credits. Recommended geology elective courses include 201, 211, 352, 356, 358, 415, 417, 421, 430, 431, 491. Must be accompanied by a biological science, chemistry, mathematics, or physics minor of 20 hours. Appropriate chemistry and mathematics prerequisites also must be met.

German Major

GERM 301-302	German Conversation and Composition	6 cr
	and their prerequisites or equivalent high school courses.	
LANG g437	The Teaching of Foreign Languages	3 cr
	Upper division electives in German	10 cr
	(must be approved by the Foreign Languages Department and the College of Education).	

German Minor

GERM 201-202	Intermediate German (or equivalent)	8 cr
LANG g437	The Teaching of Foreign Languages	3 cr
	Approved electives in German	12 cr
	(must be approved by the Foreign Languages Department and the College of Education).	

Health Education Major

H E 200	Promoting Wellness	2 cr
H E 221	Introduction to Health Education	1 cr
H E 332	Community and Public Health	2 cr
H E 339	Methods of Teaching Health	3 cr
H E 340	Fitness and Wellness Programs	3 cr
H E g360	Healthy Lifestyle Management	3 cr
H E g401	Issues in Health and Wellness	4 cr
H E g402	Core Topics in Health	4 cr
H E 430	Organization and Curriculum in Health Education	2 cr

FCS 239	Nutrition	3 cr
	Approved electives in Health Education	8 cr

Health Education Minor

FCS 239	Nutrition	3 cr
H E 200	Promoting Wellness	2 cr
H E 221	Introduction to Health Ed	1 cr
H E 332	Community and Public Health	2 cr
H E 339	Methods of Teaching Health	3 cr
H E 340	Fitness and Wellness Programs	3 cr
H E g360	Healthy Lifestyle Management	3 cr
H E g401	Issues in Health and Wellness	4 cr
H E g402	Core Topics in Health	4 cr
H E 430	Organization and Curriculum in Health Education	2 cr

History Major

HIST 101	Foundation of Western Civilization	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST 291	The Historian's Craft	3 cr
HIST g491	Seminar	3 cr

	Plus one of these Third World history courses:	
HIST 251	Latin American Civilization	3 cr
HIST 252	East Asian History	3 cr
HIST 254	Middle Eastern Civilization	3 cr
HIST 255	African History and Culture	3 cr

	Plus any two classes selected from:	
HIST g311	American Culture before 1800	3 cr
HIST g320	The Renaissance	3 cr
HIST g322	Religious Reformation and Conflict	3 cr
HIST g325	Industrialization and Social Change	3 cr
HIST g356	Imperialism and Progressivism	3 cr
HIST g360	The Spanish Empire	3 cr
HIST g427	American West	3 cr
HIST g429	Foreign Relations since 1900	3 cr
HIST g435	Colonial Frontiers in America and Africa	3 cr
HIST g437	Families in Former Times	3 cr
HIST g439	Women in History	3 cr
HIST g446	Social and Economic History of Greece and Rome	3 cr
HIST g448	Medieval Social and Economic History	3 cr
HIST g451	Constituting Modern Spain	3 cr

Plus two additional 200-400 level HIST courses

POLS 101	Introduction to American Government	3 cr
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History Minor

HIST 101	Foundation of Western Civilization	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
POLS 101	Introduction to American Government	3 cr

	Plus one of these Third World history courses:	
HIST 251	Latin American Civilization	3 cr
HIST 252	East Asian History	3 cr
HIST 254	Middle Eastern Civilization	3 cr

HIST 255	African History and Culture	3 cr
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Plus one additional 200-400 level HIST course

POLS 101	Introduction to American Government	3 cr
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Library Science Minor (required for media generalist's certification)

EDUC 322	Literature for Children	2 cr
LIBR 121	Introduction to Library Use	2 cr
LIBR 221	Bibliography and Reference	3 cr
LIBR 257	Cataloging and Classification	3 cr
LIBR 259	Audio-Visual Materials and Computers in the Classroom	3 cr
LIBR g355	Media Center Administration	3 cr
LIBR g356	Automation, Selection, and Evaluation of Library Materials	3 cr
LIBR g440	Practicum	3 cr

Mass Communication Minor

ENGL 331	Methods in the Teaching of English (highly recommended)	3 cr
M C 119	Introduction to Mass Media	3 cr
M C 121	Reporting and Newswriting	4 cr
M C 230	Introduction to Photography	4 cr
M C 325	Editing for Print Media	4 cr
	Approved electives selected from:	
M C 270	Journalism History	3 cr
M C 290	American Broadcasting	3 cr
M C 350	Cable Television and New Media Technology	3 cr
M C 440	Media Law and Ethics	3 cr
M C g452	Mass Communication and Society	3 cr

Mathematics Major

MATH 170	Calculus I	4 cr
MATH 175	Calculus II	4 cr
MATH 275	Calculus III	4 cr
MATH 230	Introduction to Linear Algebra	2 cr
MATH 130	Finite Math	4 cr
	OR	
MATH 253	Introduction to Statistics	3 cr
MATH 280	FORTRAN	2 cr
	OR	
C S 181	Introduction to Computer Science and Programming I	3 cr
MATH 287	Discrete Structures	3 cr
MATH 315	Mathematical Methods in Secondary Schools	3 cr
MATH g343	Modern Geometry	3 cr
	One pair selected from:	
MATH g326	Elementary Analysis	3 cr
	AND	
MATH g327	Vector Analysis	3 cr
	OR	
MATH g331-g332	Modern Algebra	6 cr
	OR	
MATH g441-g442	Introduction to Numerical Analysis	6 cr
	OR	
MATH g450-g451	Probability and Statistics	6 cr

Mathematics Minor

MATH 170	Calculus I	4 cr
MATH 175	Calculus II	4 cr
MATH 275	Calculus III	4 cr
MATH 230	Introduction to Linear Algebra	2 cr

MATH 130	Finite Math	4 cr
	OR	
MATH 253	Introduction to Statistics	3 cr
MATH 280	FORTTRAN	2 cr
	OR	
C S 181	Introduction to Computer Science and Programming I	3 cr
MATH 287	Discrete Structures	3 cr
MATH 315	Mathematical Methods in Secondary Schools	3 cr
MATH g343	Modern Geometry	3 cr

Music Education

See Bachelor of Music Education degree program (K-12 certification) for requirements.

Physical Education Major

P E 221	History and Philosophy of Physical Education	2 cr
P E 231	Activity Laboratory-Field and Court	1 cr
P E 232	Activity Laboratory-Outdoor Skills	1 cr
P E 233	Activity Laboratory-Individual and Recreational	1 cr
P E 234	Activity Laboratory-Dance	1 cr
P E 243	Anatomical Foundations of Human Activity	2 cr
P E 270	Motor Learning	1 cr
P E 301	Physiology of Exercise	4 cr
P E 302	Human Kinesiology	4 cr
P E 322	Psychology of Sport	3 cr
P E g362	Tests and Measurements in Physical Education	2 cr
P E 437	Methods of Teaching Physical Education	2 cr
P E g475	Management of Physical Education Programs	3 cr
P E 494	Special Physical Activity	3 cr
	Approved electives in Physical Education	7 cr

Physical Education Minor

P E 221	History and Philosophy of Physical Education	2 cr
P E 231	Activity Laboratory-Field and Court	1 cr
P E 232	Activity Laboratory-Outdoor Skills	1 cr
P E 233	Activity Laboratory-Individual and Recreational	1 cr
P E 234	Activity Laboratory-Dance	1 cr
P E 243	Anatomical Foundations of Human Activity	2 cr
P E 270	Motor Learning	1 cr
P E 301	Physiology of Exercise	4 cr
P E 302	Human Kinesiology	4 cr
P E 322	Psychology of Sport	3 cr
P E g362	Tests and Measurements in Physical Education	2 cr
P E 437	Methods of Teaching Physical Education	2 cr
P E g475	Management of Physical Education Programs	3 cr
P E g494	Special Physical Activity	3 cr

Physical Science Major

CHEM 102	Essentials of Organic and Biochemistry	5 cr
CHEM 111	General Chemistry I	5 cr
CHEM 112	General Chemistry II	4 cr
PHYS 152	Descriptive Astronomy	3 cr
PHYS 211-212	Engineering Physics	8 cr

PHYS 213-214	Engineering Physics Lab	2 cr
PHYS 400	Practicum in Physical Science	2 cr
	Approved Electives	3 cr
	A mathematics minor is recommended.	

Physics Major

PHYS 152-153	Descriptive Astronomy and Laboratory	4 cr
PHYS 211-212	Engineering Physics	8 cr
PHYS 213-214	Engineering Physics Lab	2 cr
PHYS g301	Modern Physics	3 cr
PHYS 400	Practicum in Physical Science	2 cr
PHYS g403	Advanced Modern Physics	3 cr
	Approved electives in Physics	8 cr
	Note: Calculus is required for PHYS 211-212 and MATH g360 is required for PHYS g301 and PHYS g302.	

Physics Minor

PHYS 152-153	Descriptive Astronomy and Laboratory	4 cr
PHYS 211-212	Engineering Physics	8 cr
PHYS 213-214	Engineering Physics Lab	2 cr
PHYS 400	Practicum in Physical Science	2 cr
	Approved electives in Physics	4 cr
	Note: Three semesters of calculus are required for PHYS 212.	

Political Science Major

	Credits selected from core curriculum (excluding POLS 460)	24 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr

Political Science Minor

HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
POLS 101	Introduction to American Government	3 cr
POLS 313	Introduction to Political Philosophy	3 cr
POLS 331	Comparative Politics: Framework for Analysis	3 cr
POLS g403	The Presidency	3 cr
POLS g404	The Legislative Process	3 cr
	One course selected from:	
POLS g301	Political Parties and Interest Groups	3 cr
POLS g427	Voting and Public Opinion	3 cr
POLS g443	Constitutional Law	3 cr

Psychology Minor

PSYC 101	Intro to General Psychology I	3 cr
PSYC 102	Intro to General Psychology II	3 cr
PSYC 227	Basic Statistics	3 cr
PSYC 228	Introduction to the Theory of Measurement and Test Construction	3 cr
PSYC 303	Experimental Psychology	4 cr
	Approved electives in Psychology	6 cr

Literacy Minor

EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 322	Literature for Children	2 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC g424	Assessing Literacy Abilities	3 cr
EDUC g426	Remediation of Literacy Problems	3 cr

SPA g301	Developmental Psycholinguistics and Reading	3 cr
	OR	
	Approved elective	3 cr

Russian Minor

RUSS 201-202	Intermediate Russian OR equivalent	8 cr
LANG g437	The Teaching of Foreign Languages	3 cr
	Approved electives in Russian (must be approved by the Foreign Languages Department and the College of Education).	12 cr

Social Science Major

Required prerequisite foundational courses which also satisfy the General Education requirements:

HIST 101	Foundation of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
POLS 101	Introduction to American Government	3 cr
SOC 101	Introduction to Sociology	3 cr

Required Courses

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ECON g323	Economic History	3 cr
EDUC 336	Social Science Methods	2 cr
HIST 102	Development of Western Civilization	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST g427	American West	3 cr
SOC 248	Local and National Minorities	3 cr
SOC g361	Social Stratification	3 cr
	One course from:	
POLS 331	Comparative Politics: Framework for Analysis	3 cr
POLS g332	Comparative Politics: Change and Political Order	3 cr
POLS g433	Politics of Developing Nations	3 cr
	One course from:	
POLS g301	Political Parties and Interest Groups	3 cr
POLS 308	State and Local Government	3 cr
POLS 326	Recent American Foreign Policy	3 cr
POLS 342	American Legal Systems	3 cr
POLS g403	The Presidency	3 cr
POLS g404	The Legislative Process	3 cr
POLS g411	American Political Theory	3 cr
POLS g443	Constitutional Law	3 cr

Social Science Minor

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
POLS 101	Introduction to American Government	3 cr
SOC 101	Introduction to Sociology	3 cr
	One course in non-U.S. History or one course selected from:	
ANTH 100	General Anthropology	3 cr
ANTH 237	Peoples and Cultures of Old World	3 cr
ANTH 238	Peoples and Cultures of New World	3 cr
	One course selected from:	
POLS 331	Comparative Politics: Framework for Analysis	3 cr
POLS g332	Comparative Politics: Change and Political Order	3 cr

POLS g433	Politics of Developing Nations	3 cr
One course selected from:		
SOC 248	Local and National Minorities	3 cr
SOC g361	Social Stratification	3 cr

Sociology Major

SOC 101	Introduction to Sociology	3 cr
SOC 102	Social Problems	3 cr
SOC 206	Sociological Methods	3 cr
SOC 231	Juvenile Delinquency	3 cr
SOC 248	Local and National Minorities	3 cr
SOC 301	Principles of Sociology	3 cr
SOC g361	Social Stratification	3 cr
Electives selected from:		
SOC 207	Social Statistics	3 cr
SOC 321	Marriage and Family	3 cr
SOC g335	Demography and Human Ecology	3 cr
SOC g403	Contemporary Sociological Theory	3 cr
SOC g408	Advanced Sociological Methods	3 cr
SOC g413	Mind, Self, and Society	3 cr
SOC g431	Criminology	3 cr
SOC g450	Sociology of the Third World	3 cr

Sociology Minor

SOC 101	Introduction to Sociology	3 cr
SOC 102	Social Problems	3 cr
SOC 206	Sociological Methods	3 cr
SOC 301	Principles of Sociology	3 cr
Electives selected from:		
SOC 207	Social Statistics	3 cr
SOC 231	Juvenile Delinquency	3 cr
SOC 248	Local and National Minorities	3 cr
SOC 321	Marriage and Family	3 cr
SOC g335	Demography and Human Ecology	3 cr
SOC g361	Social Stratification	3 cr
SOC g403	Contemporary Sociological Theory	3 cr
SOC g408	Advanced Sociological Methods	3 cr
SOC g413	Mind, Self, and Society	3 cr
SOC g431	Criminology	3 cr
SOC g450	Sociology of the Third World	3 cr

Spanish Major

SPAN 301-302	Spanish Conversation and Composition and their prerequisites or equivalent high school courses	6 cr
LANG g437	The Teaching of Foreign Languages	3 cr
Upper Division electives in Spanish (must be approved by the Foreign Languages Department and the College of Education).		10 cr

Spanish Minor

SPAN 201-202	Intermediate Spanish (OR equivalent)	8 cr
LANG g437	The Teaching of Foreign Languages	3 cr
Approved electives in Spanish (must be approved by the Foreign Languages Department and the College of Education).		12 cr

Special Education Major

A teaching major in secondary education is also required. For initial certification in special education, SPED 495, Student

Teaching/Special Education (7-14 cr) is required in addition to the 30 credits.

SPED 270	Field Work in Special Education	2 cr
SPED g330	The Exceptional Child	3 cr
SPED g334	Classroom Behavior Management	3 cr
SPED g424	Assess Procedures in Special Education	3 cr
SPED g425	Diagnostic Procedures	3 cr
SPED g427	Precision Teaching	1 cr
SPED g432	Direct Instruction Systems	3 cr
SPED g437	Families and Disability	3 cr
SPED g438	Policies and Procedures in Special Education	3 cr
SPED g445	Vocational and Career Guidance for Exceptional Children	3 cr
SPED g446	Secondary Special Education	2 cr
Electives selected from:		
P E g494	Special Physical Activity	3 cr
PSYC 301	Abnormal Psychology I	3 cr
PSYC 302	Abnormal Psychology II	3 cr
PSYC 332	Psychology of Adolescence	3 cr
PSYC g445	Psychology of Learning	3 cr
SOC 231	Juvenile Delinquency	3 cr
SPED g440	Biomedical Aspects of Physical Disability	2 cr
SPED g448	Pre-Practicum, Moderately Handicapped	1-3 cr
SPED g480	Seminar in Special Education	1 cr
SPED g491	Seminar	1-3 cr
SPED g498	Advanced Field Work	3 cr

Special Education Minor

SPED 270	Field Work in Special Education	2 cr
SPED g330	The Exceptional Child	3 cr
SPED g334	Classroom Behavior Management	3 cr
SPED g424	Assess Procedures in Special Education	3 cr
SPED g425	Diagnostic Procedures	3 cr
SPED g438	Policies and Procedures in Special Education	3 cr
SPED g445	Vocational and Career Guidance for Exceptional Children	3 cr

Speech Communication Major

M C 119	Introduction to Mass Media	3 cr
SPCH 117	Oral Interpretation: Textual Analysis	3 cr
SPCH 208	Group Communication	3 cr
SPCH 305	Argumentation and Debate	3 cr
SPCH g436	Rhetorical Criticism	3 cr
SPCH g437	Rhetorical Theory	3 cr
SPCH g441	Interpersonal Communication	3 cr
THEA 111	Stagecraft	3 cr
THEA 251	Beginning Acting	3 cr
THEA 331	Materials and Methods for High School Speech Arts	3 cr
One 400 level elective in Speech		

Speech Communication Minor

SPCH 208	Group Communication	3 cr
SPCH 305	Argumentation and Debate	3 cr
SPCH 355	Nonverbal Communication	3 cr
SPCH g436	Rhetorical Criticism	3 cr
SPCH g437	Rhetorical Theory	3 cr
SPCH g441	Interpersonal Communication	3 cr
One 400 level elective in Speech		

Speech Communication—Theatre Major

SPCH 117	Oral Interpretation: Textual Analysis	3 cr
	Voice and Diction	2 cr
SPCH 132	Group Communication	3 cr
SPCH 208	Argumentation and Debate	3 cr
SPCH 305	Rhetorical Criticism	3 cr
SPCH g436	Rhetorical Theory	3 cr
SPCH g437	Interpersonal Communication	3 cr
SPCH g441	Stagecraft	3 cr
THEA 111	Beginning Acting	3 cr
THEA 251	Stage Costume Construction	3 cr
THEA 221	OR	
THEA 304	Theatre Management	2 cr
THEA 331	Material and Methods for High School Speech Arts	3 cr
THEA g420	American Theatre	3 cr

Theatre Major

THEA 101	Appreciation of Drama	3 cr
THEA 111	Stagecraft	3 cr
THEA 221	Stage Costume Construction	2 cr
	OR	
THEA 304	Theatre Management	2 cr
THEA 251	Beginning Acting	3 cr
THEA 252	Intermediate Acting	3 cr
THEA 331	Materials and Methods for High School Speech Arts	3 cr
THEA 355	Stage Direction	3 cr
THEA g420	American Theatre	3 cr
SPCH 117	Oral Interpretation: Text Analysis	3 cr
SPCH 208	Group Communication	3 cr
SPCH 305	Argumentation and Debate	3 cr

Theatre Minor

THEA 101	Appreciation of Drama	3 cr
THEA 111	Stagecraft	3 cr
THEA 251	Beginning Acting	3 cr
THEA 252	Intermediate Acting	3 cr
THEA 355	Stage Direction	3 cr
Electives selected from:		
THEA 209	Stage Lighting	2 cr
THEA 214	Makeup	2 cr
THEA 221	Stage Costume Construction	2 cr

Single Subject Teaching Majors

American Studies (English emphasis)

ENGL 267-268	Survey of English Literature I & II	6 cr
ENGL 277-278	Survey of American Literature I & II	6 cr
ENGL 331	Methods in the Teaching of English	3 cr
Approved electives in English		15 cr
HIST 101	Foundation of Western Civilization	6 cr
HIST 102	Development of Western Civilization	6 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
Approved 400-level History electives		6 cr
Approved electives in History		12 cr
AMST 200	Introduction to American Studies	3 cr

AMST 401 or 402	Senior Seminar in American Studies	3 cr
PHIL 101	Introduction to Philosophy	3 cr
Approved electives in Philosophy		9 cr
Approved electives in social sciences		6 cr

American Studies (History emphasis)

AMST 200	Introduction to American Studies	3 cr
AMST 401 or 402	Senior Seminar in American Studies	3 cr
ENGL 267-268	Survey of English Literature I & II	6 cr
ENGL 277-278	Survey of American Literature I & II	6 cr
Approved electives in English		12 cr
HIST 101	Foundation of Western Civilization	6 cr
HIST 102	Development of Western Civilization	6 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST 291	The Historian's Craft	3 cr
Approved 400-level History electives		6 cr
Approved electives in History		15 cr
PHIL 101	Introduction to Philosophy	3 cr
Approved electives in Philosophy		9 cr
One course in American Government		3 cr
Approved electives in Social Science		6 cr
Approved electives in fine arts		6 cr

Art

ART 100	Survey of Art	3 cr
ART 101-102	History of Western Art I & II	6 cr
ART 103-104	Creative Process	6 cr
ART 105	Drawing I	3 cr
ART 334	Secondary School Art Methods	2 cr
Approved electives in Art		24 cr

Biological Sciences

BIOL 101	General Zoology	3 cr
BIOL 102L	General Zoology Laboratory	1 cr
BIOL 103	General Botany	3 cr
BIOL 104L	General Botany Laboratory	1 cr
BIOS 201	Heredity and Its Implications	4 cr
OR		
BIOS g358	Genetics	3 cr
BIOS 209	General Ecology	4 cr
BIOS 206	Cell Biology	3 cr
BIOS 207	Cell Biology Laboratory	1 cr
BIOS 221	Introductory Microbiology	3 cr
BIOS 223	Introductory Microbiology Laboratory	1 cr
BIOS g310	Invertebrate Zoology	4 cr
BIOS g312	Systematic Botany	4 cr
BIOS g317	Organic Evolution	3 cr
BIOS g413	Biology Teaching Methods	3 cr
BIOS g491-g492	Seminar	2 cr
Upper division electives in BIOS to bring total to 45 semester credits		6 cr

Business Education

ACCT 201	Principles of Accounting I	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 240	Speedwriting Shorthand	3 cr
B ED 310	Microcomputers in Business Education	3 cr
B ED 320	Clerical Procedures	2 cr
B ED 330	Advanced Technology in Business Education	3 cr
B ED 332	Methods in Business Ed	3 cr

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ENGL 308	Business Communications	3 cr
MGT 261	Legal Environment of Organizations	3 cr
MGT g312	Individual and Organizational Behavior	3 cr
VED g401	Foundations of Occupational Education	3 cr
VED g444	Guidance and Special Needs Concepts for Vocational Education	3 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

Business Education/ Basic Business

ACCT 201	Principles of Accounting I	3 cr
ACCT 202	Principles of Accounting II	3 cr
B ED 102	Intermediate Keyboarding	3 cr
B ED 310	Microcomputers in Business Education	3 cr
B ED 332	Methods in Business Ed	3 cr
ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ENGL 308	Business Communications	3 cr
FIN 310	International Business and Financial Markets	3 cr
MGT 261	Legal Environments of Organizations	3 cr
MGT g312	Individual and Organizational Behavior	3 cr
MKTG 325	Basic Marketing Management	3 cr
MKTG g442	Retailing Management	3 cr
VED g401	Foundations of Occupational Education	3 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

Chemistry

CHEM 111	General Chemistry I	5 cr
CHEM 112	General Chemistry II	4 cr
CHEM 114	Cations and Anions	1 cr
CHEM 211	Inorganic Chemistry I	2 cr
CHEM 232	Quantitative Analysis	2 cr
CHEM 234	Quantitative Analysis Lab	2 cr
CHEM g301	Organic Chemistry I	3 cr
CHEM g302	Organic Chemistry II	3 cr
CHEM g304	Organic Chemistry Lab II	1 cr
CHEM g305	Organic Chemistry Lab III	2 cr
CHEM g313	Instrumental Analysis	2 cr
CHEM g334	Instrumental Analysis Lab	2 cr
CHEM g351-g352	Physical Chemistry	6 cr
CHEM g400	Practicum in Physical Science	2 cr
Approved electives in Chemistry		7 cr

English

ENGL 211	Introduction to Literary Analysis	3 cr
ENGL 277 or 278	Survey of American Literature I & II	3 cr
ENGL 267 or 268	Survey of English Literature I & II	3 cr
ENGL 281	Introduction to Grammar	3 cr
ENGL 301	Writing About Literature	3 cr
ENGL 311	Studies in Genre	3 cr
ENGL 331*	Methods in Teaching of English	3 cr
ENGL 491	Senior Seminar	3 cr
One of the following:		3 cr
ENGL g472	Proseminar in a Major Literary Figure	3 cr
ENGL g473	Chaucer	3 cr
ENGL g474	Milton	3 cr
ENGL g476	Shakespeare	3 cr

One of the following:		3 cr
ENGL g481	Advanced Grammar	3 cr
ENGL g485	Linguistic Analysis	3 cr
ENGL g486	Old English	3 cr
One additional genre course		3 cr
Two additional historical period courses		6 cr
Approved electives (excluding lower division composition courses)		6 cr
*ENGL 331 must be completed before student teaching.		

Family and Consumer Sciences

FCS 100	Family and Consumer Sciences Professional	1 cr
FCS 104	Foods	3 cr
FCS 127	Fashion: Personal Selection	2 cr
FCS 128	Construction Concepts Using Fabric	3 cr
OR		
<i>Competency in construction as demonstrated by product evaluation and task performance</i>		

FCS 204	Meal Management	2 cr
FCS 228	Textiles	3 cr
FCS 239	Nutrition	3 cr
FCS 303	Child Development Practicum	2 cr
FCS 310	Housing Concepts	2 cr
FCS 311	Interior Design	3 cr
FCS 322	Building Positive Relationships	3 cr
FCS 332	Family and Consumer Sciences Curriculum	3 cr
FCS 371	Consumer Economics	3 cr
FCS 400	Leadership Issues Seminar	1 cr
FCS 405	Community Nutrition Issues	2 cr
FCS 422	Building Family Strengths	3 cr
FCS 427	Fashion: Diversity	3 cr
FCS 431	Family Resources Management	3 cr
FCS 495	Family and Consumer Sciences: Student Teaching	7-14 cr
VED g401	Foundations of Occupational Education	3 cr
VED g455	Methods of Teaching Adults	2 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

Recommended Electives:

ECON 202	Principles of Microeconomics	3 cr
FCS g471	Advanced Consumer Economics	3 cr
FCS g472	Teaching Consumer Economics	1-3 cr
VED g444	Guidance and Special Needs Concepts in Vocational Education	3 cr

General Science

BIOS (Two courses/at least 6 credits)*	6 cr
CHEM (Two courses/at least 6 credits)*	6 cr
GEOL (Two courses/at least 6 credits)*	6 cr
PHYS (Two courses/at least 6 credits)*	6 cr
*All lower division courses taken to satisfy these requirements must include laboratories, even if offered as separate courses.	

Approved electives** 12-20 cr
 **Additional electives (6-10 cr) in each of two of the areas listed above. Course selection must be approved by the chair of the department offering the courses. Course-work must total 45 credits minimum.

History

HIST 101	Foundation of Western Civilization	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST 291	The Historian's Craft	3 cr
HIST g491	Seminar	3 cr

Plus one of these Third World history courses:

HIST 251	Latin American Civilization	3 cr
HIST 252	East Asian History	3 cr
HIST 254	Middle East Civilization	3 cr
HIST 255	African History and Culture	3 cr

Plus two courses selected from:

HIST g311	American Cultures before 1800	3 cr
HIST g320	The Renaissance	3 cr
HIST g322	Religious Reformation and Conflict	3 cr
HIST g325	Industrialization and Social Change	3 cr
HIST g356	Imperialism and Progressivism	3 cr
HIST g360	The Spanish Empire	3 cr
HIST g427	American West	3 cr
HIST g429	Foreign Relations since 1900	3 cr
HIST g435	Colonial Frontiers in America and Africa	3 cr
HIST g437	Families in Former Times	3 cr
HIST g439	Women in History	3 cr
HIST g446	Social and Economic History of Greece and Rome	3 cr
HIST g448	Medieval Social and Economic History	3 cr
HIST g451	Constituting Modern Spain	3 cr
Two additional 200-400 level HIST courses		6 cr
Three additional 300-400 level HIST courses		9 cr
POLS 101	Introduction to American Government	3 cr

Mathematics

C S 181	Introduction to Computer Science and Programming I	3 cr
MATH 130	Finite Mathematics	4 cr
OR		
MATH 253	Introduction to Statistics	3 cr
MATH 170	Calculus I	4 cr
MATH 175	Calculus II	4 cr
MATH 275	Calculus III	4 cr
MATH 230	Introduction to Linear Algebra	2 cr
MATH 280	FORTAN	2 cr
OR		
MATH 287	Discrete Structures	3 cr
MATH 315	Mathematical Methods in Secondary Schools	3 cr
MATH g343	Modern Geometry	3 cr
Any two pairs selected from:		
MATH g326	Elementary Analysis	3 cr
AND		
MATH g327	Vector Analysis	3 cr
OR		
MATH g331-g332	Modern Algebra	6 cr
OR		
MATH g441-g442	Introduction to Numerical Analysis	6 cr
OR		
MATH g450-g451	Probability and Statistics	6 cr
Approved upper division electives		3-4 cr
(selected in consultation with Math advisor—must total 45 semester credits)		

Mathematics/Computer Science Emphasis

C S 181	Introduction to Computer Science and Programming I	3 cr
C S 182	Introduction to Computer Science Programming II	3 cr
C S 283	Introduction to Computer Systems I	3 cr
C S 287	Discrete Structures	3 cr
C S 385	Data Structures and Algorithm Analysis I	3 cr
C S 488	Senior Project	3 cr
C S 386	Data Structures and Algorithm Analysis II	3 cr
OR		
C S 487	Topics in Computer Science	3 cr
MATH 170	Calculus I	4 cr
MATH 175	Calculus II	4 cr
MATH 230	Introduction to Linear Algebra	2 cr
MATH 253	Introduction to Statistics	3 cr
MATH 275	Calculus III	4 cr
MATH 315	Mathematical Methods in Secondary Schools	3 cr
MATH g343	Modern Geometry	3 cr
One pair selected from:		
MATH g326	Elementary Analysis	3 cr
AND		
MATH g327	Vector Analysis	3 cr
OR		
MATH g331-g332	Modern Algebra	6 cr
OR		
MATH g441-g442	Introduction to Numerical Analysis	6 cr
OR		
MATH g423-g424	Introduction to Real Analysis	6 cr
OR		
MATH g450-g451	Probability and Statistics	6 cr
Approved upper division electives		3 cr
(selected in consultation with Math advisor)		

Music Education

See Bachelor of Music Education degree program (below) for requirements.

Physical Education

P E 221	History and Philosophy of Physical Education	2 cr
P E 231	Activity Laboratory/Field and Court	1 cr
P E 232	Activity Laboratory/Outdoor Skills	1 cr
P E 233	Activity Laboratory/Individual and Recreational	1 cr
P E 234	Activity Laboratory/Dance	1 cr
P E 243	Anatomical Foundations of Human Activity	2 cr
P E 270	Motor Learning	1 cr
P E 301	Physiology of Exercise	4 cr
P E 302	Human Kinesiology	4 cr
P E 322	Psychology of Sport	3 cr
P E g362	Tests and Measurements in Physical Education	2 cr
P E 437	Methods of Teaching Physical Education	2 cr
P E g475	Management of Physical Education Programs	3 cr
P E g494	Special Physical Activity	3 cr
Approved electives in Physical Education		18 cr

(All electives must be approved by student's Physical Education advisor. If the student wishes K-12 certification, electives should include P E 260, Methods of Dance for Children; P E 300, Movement

Theory; and P E 357, Physical Education for Elementary Schools).

Social Sciences

Required prerequisite foundational courses which also satisfy the General Education requirements:

HIST 101	Foundation of Western Civilization	3 cr
HIST 111	U.S. History (to 1865)	3 cr
POLS 101	Introduction to American Government	3 cr
SOC 101	Introduction to Sociology	3 cr

Required Courses

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
ECON g323	Economic History	3 cr
EDUC 336	Social Science Methods	2 cr
FCS 371	Consumer Economics	3 cr
OR		
FCS g471	Advanced Consumer Economics	3 cr
HIST 102	Development of Western Civilization	3 cr
HIST 112	U.S. History (to present)	3 cr
HIST g336	History of Idaho and Northwest	3 cr
OR		
HIST g427	American West	3 cr
SOC 248	Local and National Minorities	3 cr
SOC g361	Social Stratification	3 cr
One course selected from:		
ANTH 100	General Anthropology	3 cr
ANTH 237	Peoples and Cultures of Old World	3 cr
ANTH 238	Peoples and Cultures of New World	3 cr

One course from:

POLS 331	Comparative Politics: Framework for Analysis	3 cr
POLS g332	Comparative Politics: Change and Political Order	3 cr
POLS g433	Politics of Developing Nations	3 cr

One course from:

POLS g301	Political Parties and Interest Groups	3 cr
POLS 308	State and Local Government	3 cr
POLS 326	Recent American Foreign Policy	3 cr
POLS 342	American Legal Systems	3 cr
POLS g403	The Presidency	3 cr
POLS g404	The Legislative Process	3 cr
POLS g411	American Political Theory	3 cr
POLS g443	Constitutional Law	3 cr

Additional credits from any POLS courses listed

One course from the following:

SOC 206	Sociological Methods	3 cr
SOC 231	Juvenile Delinquency	3 cr
SOC 301	Principles of Sociology	3 cr
SOC 321	Marriage and Family	3 cr
SOC g330	Sociology of Health and Illness	3 cr
SOC g335	Demography and Human Ecology	3 cr
SOC g431	Criminology	3 cr
SOC g450	Sociology of the Third World	3 cr

Speech Communication

M C 119	Introduction to Mass Media	3 cr
SPCH 117	Oral Interpretation: Textual Analysis	3 cr
SPCH 208	Group Communication	3 cr

SPCH 305	Argumentation and Debate	3 cr
SPCH 355	Nonverbal Communication	3 cr
SPCH g436	Rhetorical Criticism	3 cr
SPCH g437	Rhetorical Theory	3 cr
SPCH g441	Interpersonal Communication	3 cr
THEA 111	Stagecraft	3 cr
THEA 251	Beginning Acting	3 cr
THEA 331	Materials and Methods for High School Speech Arts	3 cr
	Electives in 400-level Speech courses	9 cr
	Electives (4 credits) selected from:	
THEA 209	Stage Lighting	2 cr
THEA 214	Makeup	2 cr
THEA 221	Stage Costume Construction	2 cr
THEA 304	Theatre Management	2 cr

Theatre

SPCH 117	Oral Interpretations: Text Analysis	3 cr
SPCH 208	Group Communication	3 cr
SPCH 305	Argumentation and Debate	3 cr
THEA 101	Appreciation of Drama	3 cr
THEA 111-112	Stagecraft	6 cr
THEA 251	Beginning Acting	3 cr
THEA 304	Theatre Management	3 cr
THEA 331	Materials and Methods for High School Speech Arts	3 cr
THEA 355	Stage Direction	3 cr
	Electives selected from:	
THEA 209	Stage Lighting	2 cr
THEA 214	Makeup	2 cr
THEA 221	Stage Costume Construction	2 cr
	Upper division electives in Theatre	10 cr
	(All electives must be approved by student's advisor)	

Bachelor of Music Education

The Bachelor of Music Education degree is designed to prepare students for obtaining a teaching credential certificate to teach in the elementary and secondary schools. Complete information on applied music, course sequencing, senior recital, large and small ensemble requirements, and other departmental policies may be found in the Music Department Student/Faculty Handbook, available upon request from the chair of the Music Department. Students should request advisors in the Music Department and in the College of Education.

Students must complete requirements and be fully admitted to teacher education before they can take courses in professional education numbered 300 and above.

Students seeking the Bachelor of Music Education degree must complete Goals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A or 10B, 11, and 12 of the University General Education requirements.

Professional Education Requirement

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr
EDUC 492	Secondary Music Education Student Teaching	7-14 cr

Music Requirements

MUSC 100	Introduction to Music (Goal 6)	3 cr
MUSC 103	Theory of Music I	4 cr
MUSC 104	Theory of Music II	4 cr
MUSC 107	Recital attendance (7 semesters)	0 cr
MUSC 127	Class Voice	1 cr
	OR	
MUSC 173	Concert Choir	1 cr
MUSC 203	Theory of Music III	4 cr
MUSC 204	Theory of Music IV	4 cr
MUSC 255	Woodwind Methods	2 cr
MUSC 256	Brass Methods	2 cr
MUSC 258	Percussion Methods	2 cr
MUSC 259	String Methods	2 cr
MUSC 303	Music History I	3 cr
MUSC 304	Music History II	3 cr
MUSC 305	Music History III	3 cr
MUSC 306	Music History IV	3 cr
MUSC 311	Form and Analysis	2 cr
MUSC 312	MIDI and Electroacoustic Music	2 cr
MUSC 319	Choral Conducting and Materials	2 cr
MUSC 320	Instrumental Conducting and Materials	2 cr
MUSC 333	Elementary School Music Methods	3 cr
MUSC 336	Secondary School Music Methods	3 cr
MUSC 401	Orchestration	2 cr
	Applied music (major instrument or voice)	7 cr
	Large Performing Ensembles (band, orchestra, choir)	7 cr
In Addition:	Solo or joint senior recital	
	*Piano proficiency	
	*Chamber Ensembles	

Education Courses

The College of Education offers professional undergraduate and graduate courses in the principles and practices of education. In courses at the undergraduate level the aim is to provide a broad background for prospective teachers by developing skills, values, and understandings that will be useful in teaching. Graduate level courses aim to prepare effective specialists in the field of education.

Students are advised to consult with their education advisors regarding course sequencing. Concurrent enrollment in some methodology courses is restricted. Admission to teacher education is required for enrollment in all EDUC courses numbered 300-level and above.

EDUC 101 Study Skills for Student Success 1 credit. Covers learning strategies and study techniques (notetaking), textbook study, test preparation, memory, time management, etc. which promote academic success. Especially recommended for new students and re-entry students. F, S, Su

EDUC 103 Study Skills for Mathematics 1 credit. Covers math anxiety, notetaking, homework, textbook study, learning styles, test preparation and problem solving. Concurrent registration in a mathematics course is recommended. F, S

EDUC 110 First Year Seminar 1 credit. Provides an extended orientation to the university for new students. Utilizes presenters from various campus support systems, collaborative learning activities, and written assignments which involve students in resources and activities on campus. F, S

EDUC 142 Teacher Education Competencies 1 credit. Elective course to provide prospective teachers with the library, educational media, and computer skills necessary to the teacher education program. Graded S/U. F, S, Su

EDUC 199 Special Topics in Education variable up to 32 credits. Positive functioning of children and adults in group learning environment. Safety, health, physical and intellectual competence, self-concept. Supplementary responsibilities-children's program. PREREQ: APPROVED ENROLLMENT IN THE CHILD DEVELOPMENT ASSOCIATE PROGRAM. D

EDUC 201 Development and Individual Differences 3 credits. Examination of human development/individual differences as a basis for reflecting on learning. PREREQ: 26 CREDITS COMPLETED; "C" OR HIGHER IN ENGL 101; CIS 120 OR CONCURRENT ENROLLMENT OR EQUIVALENT COMPETENCY. F, S

EDUC 202 Field Experience Internship variable up to 32 credits. Working field internship; innovative approaches in preparation of CDA trainees. Experiences in a curriculum center, library, local settings, resource and day care centers, head start programs, nursery schools (public and private), and child development centers. Experience with educational and creative supplies and materials. PREREQ: APPROVED ENROLLMENT IN CHILD DEVELOPMENT ASSOCIATE PROGRAM. D

EDUC 204 Families, Communities, Culture 3 credits. Examination of interactions among school, family, community, and culture as a basis for reflecting on the social contexts of learning. PREREQ: EDUC 201 OR CONCURRENT ENROLLMENT. F, S

EDUC 210 Peer Tutor Training 1 credit. Introduction to individual and small group tutoring with adult students. Emphasis on teaching strategies, communication skills, ethics, learning styles, and Graded S/U. F, S

EDUC 235 Introduction to Elementary Art Methods and Materials 1 credit. Exploration of media, methods, and materials useful in the integration of art with the elementary curriculum. COREQ: MUSC 233 AND P E 211 SUGGESTED. F, S, Su

EDUC 301 Inquiring, Thinking, Knowing 3 credits. Examination of multiple perspectives on inquiring, thinking, and knowing as a basis for reflecting on educational practice. PREREQ: ADMISSION TO THE TEACHER EDUCATION PROGRAM; EDUC 201 AND 202. F, S

EDUC 302 Motivation and Management 3 credits. Examination of multiple perspectives on student motivation/management of learning environments as bases for reflecting on educational practice. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM; EDUC 201, 202; EDUC 301 OR CONCURRENT ENROLLMENT. F, S

EDUC 304 Concepts and Practices in Early Childhood Education 3 credits. Study of relevant theories and developmental stages related to developing programs for young children. COREQ: EDUC 305. PREREQ: FCS 200 PERMISSION OF INSTRUCTOR AND ADMISSION TO TEACHER EDUCATION PROGRAM. F

EDUC 305 Early Childhood Education Laboratory I 3 credits. A supervised early childhood education practicum in the preschool and kindergarten. Six hours per week required for the practicum. COREQ: EDUC 304. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F

EDUC 306 Advanced Concepts and Practices in Early Childhood Education 3 credits. Design and analysis of methodology, materials, equipment, activities in early childhood education curriculum and instruction. COREQ: EDUC 307. PREREQ: EDUC 304 AND ADMISSION TO TEACHER EDUCATION PROGRAM. S

EDUC 307 Early Childhood Education Laboratory II 3 credits. A supervised early childhood education practicum. Six hours per week required for the practicum. COREQ: EDUC 306. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. S

EDUC 309 Instructional Planning, Delivery, and Assessment 6 credits. Analysis of multiple planning models, teaching methods, assessment approaches as bases for instructional decision-making, delivery, and the assessment of learning. PREREQ: EDUC 301, EDUC 302; CONCURRENT ENROLLMENT IN EDUC 311. F, S

EDUC 310 Efficient Reading 1 credit. Emphasis on developing flexibility and acceleration of reading speed and refinement of comprehension skills through intensive practice of rapid reading and comprehension building techniques applied to fiction and textbook reading. PREREQ: PERMISSION OF INSTRUCTOR. Graded S/U. D

EDUC 311 Instructional Technology 3 credits. Analysis of content, strategies, and evaluation for integrating technology into school curricula. Includes word processing, spread sheets, databases, communication, and presentation software. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM; CONCURRENT ENROLLMENT IN EDUC 309. F, S

EDUC 316 Educational Laboratory 1 credit. Experience practicum to acquaint students with programs for children and youth in various societal and educational agencies. May be repeated up to 4 credits. PREREQ: CONCURRENT ENROLLMENT IN THE DEPARTMENT OF EDUCATION AND PERMISSION OF THE INSTRUCTOR. F, S, Su

EDUC 321 Integrated Language Arts Methods 3 credits. Theory and application of teaching methods for the language arts as integrated skills in elementary schools. Thirty hour laboratory in public or private school required. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F, S

EDUC 322 Literature for Children 2 credits. Study of different types of children's literature, authors, and poets. Emphasis on strategies for implementing literature in grades K-8. Twenty-five hour lab required. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F, S

EDUC 330 Elementary Math Methods 2 credits. Study of the subject matter of elementary math programs. Emphasis on teaching methods and materials. Field experience required. PREREQ: MATH 157, MATH 257, AND ADMISSION TO TEACHER EDUCATION PROGRAM. F, S

EDUC 331 Elementary Science Methods 2 credits. Study of the subject matter of elementary science programs. Emphasis on teaching methods and materials. Field experience required. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F, S

EDUC 334 Secondary School Art: Methods and Materials 2 credits. Demonstrations and practical methods and problems involved in teaching art. Practical work in all art media used at the secondary school level. Cross-listed as ART 334. D

EDUC 335 Elementary School Art: Methods and Materials 2 credits. Demonstrations and practical methods and problems involved in teaching art. Practical work in all art media used at the elementary school level. Some craft work. Su

EDUC 336 Social Science Methods 2 credits. Study of subject content of the social studies program with emphasis on methods and materials used by the teacher, K-12. Field experience required. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F, S

EDUC 340 Methodology/Diagnosis in ECE 1-5 credits. Supervised practice in an approved nursery, day care center, and/or kindergarten based upon the results of diagnostic/prescriptive procedures utilized during prior coursework which indicates the student's progression and needs. PREREQ: PERMISSION OF EARLY CHILDHOOD COORDINATOR AND ADMISSION TO TEACHER EDUCATION PROGRAM. D

EDUC 397 Professional Education Development 1-3 credits. A course for the practicing educator aimed at the development and improvement of educational skills. Various sections will have different subtitles. A maximum of 10 credits may be applied to fifth year programs. Graded S U. D

EDUC 401 Language and Literacy 3 credits. Synthesis of principles of language and literacy as a basis for teaching across all curriculum areas. PREREQ: ADMISSION TO THE TEACHER EDUCATION PROGRAM; EDUC 309. F, S

EDUC 402 Adaptations for Diversity 3 credits. Creation of classroom environments, curricula, and educational experiences that enable all students to learn. PREREQ: CONCURRENT ENROLLMENT IN EDUC 492, 493, 494, 495, OR 496. F, S

EDUC 403 Classroom Instruction Laboratory/Early Childhood 3 credits. Analysis of methodology of various early childhood programs. Use of materials, technology, and activities appropriate to early childhood education. Emphasis on classroom management techniques. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F

EDUC g419 Foundations of Literacy 3 credits. An examination of multiple perspectives of philosophical, historical, and sociological studies in literacy across time, gender, and cultures. Impact upon current trends in the field. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

EDUC g420 Advanced and Compensatory Reading in the Content Areas 3 credits. Advanced training in developmental, remedial reading emphasizing independent strategies in study skills, critical/creative reading, metacognition. Content area application. PREREQ: TEACHING EXPERIENCE OR PERMISSION OF INSTRUCTOR. D

EDUC g424 Assessing Literacy Abilities 3 credits. Methods of assessment in literacy. Introduction to case study, formal and authentic measures of comprehension, vocabulary, study strategies, and writing. PREREQ: EDUC g419 OR PERMISSION OF INSTRUCTOR. F, Su

EDUC 425 The Curriculum of the Public Schools 2 credits. Integrated course for elementary and secondary teachers. Emphasis given to the curriculum development movement in American education. Consideration given to the philosophy and purpose undergirding the organization and patterns of the curriculum. D

EDUC g426 Remediation of Literacy Problems 3 credits. Teaching strategies for remediating problems in literacy. Emphasis on planning, implementing, and evaluating approaches and materials. PREREQ: EDUC g424. S, Su

EDUC g427 Mainstreaming 2 credits. An introduction to the philosophy and requirements of mainstreaming including identification, assessment, staffing, organization and planning procedures. Designed for undergraduate and graduate regular and special education students and ancillary personnel. Cross-listed as SPED g427. D

EDUC g470 Manipulative Mathematics 3 credits. Study of methods for teaching mathematics through the modern math approach stressing manipulations. Consideration is given to diagnostic and remedial procedures for exceptional children. D

EDUC g471 Interpersonal Communications 2 credits. Examination of basic concepts, principles, models, and theories of interpersonal communications and their application to educational settings. D

EDUC g472 Dynamics of Instructional Groups 2 credits. Theory, practice, and research associated with dynamics of instructional groups are presented in an experiential format with emphasis on formation, structure, and process. D

EDUC g481-g482 Contemporary Issues in Education 1-3 credits. Examination and analysis of contemporary issues and trends in theories and practices in education. D

EDUC g483 Instructional Improvement for Teachers 1-3 credits. Study of ways by which teachers can improve instruction in their own classrooms with emphasis on the findings of research and experiences. D

EDUC g485 Independent Problems in Education 1-3 credits. Individual work under staff guidance. Field and/or library research on specific educational problems of interest to majors in education. Experience in research composition. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

EDUC g491 Seminar 1-3 credits. Critical analysis of the literature in one or more areas of education. Limited enrollment. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

EDUC 492 Secondary Music Education: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in a supervised secondary school music setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM, MUSC 336, AND/OR APPROVED APPLICATION. Graded S/U. F, S

EDUC 493 Early Childhood Education: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in supervised early childhood/primary setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM, EDUC 403, AND/OR APPROVED APPLICATION. Graded S/U. F, S

EDUC 494 Elementary Education: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in supervised primary/elementary setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM AND/OR APPROVED APPLICATION. Graded S/U. F, S

EDUC 495 Junior High/Middle School: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in supervised middle/junior high school setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM AND/OR APPROVED APPLICATION. Graded S/U. F, S

EDUC 496 Secondary Education: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in supervised high school setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM AND/OR APPROVED APPLICATION. Graded S/U. F, S

Library Science Courses

LIBR 121 Introduction to Library Use 2 credits. Fundamentals of use of the card catalog, reference materials, and the classification system, with problems related to class work. F, S, ASu

LIBR 221 Bibliography and Reference 3 credits. Survey of reference works and bibliographies, basic and specialized, with practical application to research problems. Su

LIBR 257 Cataloging and Classification 3 credits. Theory and practice in the cataloging and classification of both book and non-book materials. Su

LIBR 259 Audio-Visual Materials and Computers in the Classroom 3 credits. Development and use of audio-visual materials and computer technology in the classroom, library, and school. Su

LIBR g355 Media Center Administration 3 credits. General administration of media centers, including the implementation of state and national media standards. The philosophy and scope of services and the relationship of center activities to school curriculum. Su

LIBR g356 Automation, Selection, and Evaluation of Library Materials 3 credits. Addresses automation as it relates to library services and collections as well as the selection and evaluation of library materials. Su

LIBR g440 Practicum 1-4 credits. Practicum in a library and/or media center under the supervision of professional personnel. PREREQ: APPROVAL OF LIBRARY COORDINATOR. S

LIBR g441 Independent Study in Library Science 1-2 credits. Individual work under staff guidance. Field and/or library research on specific problems in librarianship. PREREQ: PERMISSION OF LIBRARY COORDINATOR. S

LIBR 495 Library Science: Student Teaching 7 credits. Students assume instructional and management responsibilities in a supervised junior/senior high library/media center. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM AND/OR APPROVED APPLICATION. Graded S/U. F, S

Certification Only

The Certification Only program is designed for students who already hold a bachelor of arts or bachelor of science degree and seek teaching certification only. Students pursuing certification must fulfill all teacher education requirements as outlined for institutional recommendation for teaching certification in the area of certification (i.e., early childhood, elementary, or secondary) and for endorsements (i.e., chemistry, history, Spanish, etc.) on the certificate.

Requirements for Early Childhood (Standard K-3) Certification

1. *The state of Idaho requires individuals who apply for a Standard Elementary or Standard K-3 teaching certificate to have completed the following general course work: 12 credits of English to include both composition and literature; 12 credits of social science to include a course in U.S. History and/or U.S. Government (psychology will not satisfy this requirement), 8 credits in two or more areas of natural science, 3 credits of fine arts (any art or music course), 6 credits of fundamental mathematics, and 3 credits in content or methods of physical education and/or health education, exclusive of activity classes.*

2. Completion of the Professional Education Core:

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

3. Completion of the Early Childhood Professional Courses:

EDUC 304	Concepts and Practices of Early Childhood Education	3 cr
EDUC 305	Early Childhood Education Laboratory I	3 cr
EDUC 306	Advanced Concepts and Practices in Early Childhood Education	3 cr
EDUC 307	Early Childhood Education Laboratory II	3 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC 494	Early Childhood Education: Student Teaching	7-14 cr
FCS g401	Foundations of Early Childhood Education	3 cr
H E 200	Promoting Wellness	2 cr
H E 211	Health Education Methods/Elementary	1 cr
OR		
P E 211	Physical Education Methods/Elementary	1 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr
MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr

Requirements for Elementary Education Standard Certification

1. *The state of Idaho requires individuals who apply for a Standard Elementary or Standard K-3 teaching certificate to have completed the following general course work: 12 credits of English to include both composition and literature; 12 credits of social science to include a course in U.S. History and/or U.S. Government (psychology will not satisfy this requirement), 8 credits in two or more areas of natural science, 3 credits of fine arts (any art or music course), 6 credits of fundamental mathematics, and 3 credits in content or methods of physical education and/or health education, exclusive of activity classes.*

2. Completion of the Professional Education Core:

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

3. Completion of the Elementary Education Professional Courses:

EDUC 235	Introduction to Elementary Art Methods and Materials	1 cr
EDUC 321	Integrated Language Arts Methods	3 cr
EDUC 322	Literature for Children	2 cr
EDUC 330	Elementary Mathematics Methods	2 cr
EDUC 331	Elementary Science Methods	2 cr
EDUC 336	Social Science Methods	2 cr
EDUC g419	Foundations of Literacy	3 cr
EDUC 494	Early Childhood Education: Student Teaching	7-14 cr
H E 200	Promoting Wellness	2 cr
H E 211	Health Education Methods/Elementary	1 cr
P E 211	Physical Education Methods/Elementary	1 cr
MATH 157	Structure of Arithmetic for Elementary School Teachers	3 cr
MATH 257	Structure of Geometry and Probability for Elementary School Teachers	3 cr
MUSC 233	Music Methods for Elementary School Teachers	2 cr

Requirements for Secondary Education Certification

1. Completion of a subject teaching major of at least 30 semester credit hours as recommended by the subject department and approved by the College of Education, and completion of a subject teaching minor of at least 20 semester credit hours as recommended by the subject department and approved by the College of Education OR completion of a single subject teaching major of at least 45 semester credit hours as recommended by the subject department and approved by the College of Education.

2. Completion of the Professional Education Core:

EDUC 201	Development and Individual Differences	3 cr
EDUC 204	Families, Communities, Culture	3 cr
EDUC 301	Inquiring, Thinking, Knowing	3 cr
EDUC 302	Motivation and Management	3 cr
EDUC 309	Instructional Planning, Delivery, and Assessment	6 cr
EDUC 311	Instructional Technology	3 cr
EDUC 401	Language and Literacy	3 cr
EDUC 402	Adaptations for Diversity	3 cr

Special Education

Carol M. Stenson, Ph.D., Program Area Leader

The special education major prepares students for professional certification in special education and/or the bachelor's degree in human exceptionalities. For information on the master's degree offering, please refer to the Graduate Catalog.

Admission Requirements

Prior to registering for the 400 level special education courses, all applicants for the BA/BS Special Education/Human Exceptionality majors must complete SPED 270, SPED g330, and SPED g334 with a 2.75 or better gpa and be approved by a faculty screening committee. Preference for admission to and continuation in the program will be given to applicants who submit and maintain a 2.75 or better overall gpa. (Special Education majors must also meet the requirements for general teacher education.)

Bachelor of Arts or Bachelor of Science in Human Exceptionality

The following courses are required in addition to the General Education Requirements for the B.A. or B.S. degree:

Prerequisite for admission to the major: See Admission Requirements above.

Core Courses:

SPED 270	Field Work in Special Education	2 cr
SPED g330	The Exceptional Child	3 cr
SPED g334	Classroom Behavior Management	3 cr
SPED g424	Assessment Procedures in Special Education	3 cr
SPED g425	Diagnostic Procedures	3 cr
SPED g427	Precision Teaching	1 cr
SPED g432	Direct Instruction Systems	3 cr
SPED g437	Families and Disability	3 cr
SPED g438	Policies and Procedures in Special Education	3 cr

Emphasis Areas

Core courses shall be complemented by specialization in either Behavior Disorders or Severe Disabilities and appropriate electives.

Behavior Disorders

PSYC 225	Child Psychology (elementary emphasis) OR	3 cr
PSYC 332	Psychology of Adolescence (secondary emphasis)	3 cr
SPED g433	The Emotionally Disturbed Child	2 cr
SPED g462	Seminar: Behavior Disorders	1 cr
SPED g481	Advanced Issues in Behavior Disorders	2 cr

In addition, students must complete additional credits from the following to total a minimum of 40 credits:

PSYC 301	Abnormal Psychology I	3 cr
PSYC 302	Abnormal Psychology II	3 cr
PSYC g445	Psychology of Learning	3 cr
SOC 231	Juvenile Delinquency	3 cr
SPED g445	Vocational and Career Guidance for Exceptional Children	3 cr
SPED g446	Secondary Special Education	2 cr

Severe Disabilities

PSYC 225	Child Psychology (elementary emphasis) OR	3 cr
PSYC 332	Psychology of Adolescence (secondary emphasis)	3 cr

SPED g426	Assessment: Severe Disabilities	3 cr
SPED g429	Strategies: Severe Disabilities	3 cr
SPED g440	Biomedical Aspects of Physical Disability	2 cr
SPED g442	Survey of Mental Retardation	2 cr

In addition, all students must complete elective credits from the following to total a minimum of 40 credits:

SPA 327	Sign Language I	2 cr
SPED g400	Foundations of Early Childhood Special Education	3 cr
SPED g445	Vocational and Career Guidance for Exceptional Children	3 cr
SPED g446	Secondary Special Education	2 cr
SPED g448	Pre-Practicum, Moderately Handicapped	1-3 cr
SPED g480	Seminar in Special Education	1 cr
SPED g498	Advanced Field Work	3 cr

Special Education Courses

SPED 270 Field Work in Special Education 2 credits. Teaching and observation experiences in clinics, classrooms, and child development centers which provide services for children who are emotionally disturbed, mentally retarded, or who have learning disabilities. F, S

SPED g330 The Exceptional Child 3 credits. Covers eight essential areas of exceptionality, with detailed involvement in appraising stated nomenclatures for each area. Each area is studied on the dimensions of etiology, identification and labeling, characteristics, educational treatment, and prognosis for adjustment. Consideration also given toward structuring suitable educational programs applicable for each area. F, Su

SPED g334 Classroom Behavior Management 3 credits. Emphasizes the practical application of reinforcement learning models and theory to classroom and other settings. PREREQ OR COREQ: SPED g330. F, S

SPED g400 Foundations of Early Childhood Special Education 3 credits. Survey of the history, philosophy, relevant legislation, and interdisciplinary aspects of the field. Major focus on typical and atypical development from birth through five years, integrating all areas of development. F

SPED g424 Assessment Procedures in Special Education 3 credits. Introductory study of diagnostic assessment techniques and the writing of individual educational and behavioral prescriptions and instructional objectives which are required to provide interventions suitable for remediating the learning problems in basic school curricula. PREREQ OR CONCURRENT: SPED g330 AND SPED g334 OR PERMISSION OF INSTRUCTOR. F

SPED g425 Diagnostic Procedures 3 credits. Informal diagnostic procedures in the areas of reading, written language, and math.

Emphasis on practical application of diagnostic findings. PREREQ: PERMISSION OF INSTRUCTOR. F

SPED g426 Assessment: Severe Disabilities 3 credits. Selection, administration, and interpretation of criterion-referenced tools employed with severely disabled students. Emphasizes functional approach to assessment and evaluation of behavioral and instructional domains. PREREQ: PERMISSION OF INSTRUCTOR. AF

SPED g427 Precision Teaching 1 credit. Techniques of data collection, charting, and decision making in the educational programs of children with disabilities. PREREQ: PERMISSION OF INSTRUCTOR. S

SPED g429 Strategies: Severe Disabilities 3 credits. Consideration and evaluation of curriculum materials from behavioral, developmental, and ecological perspectives. Emphasizes functional approach to development and implementation of individualized intervention plans. PREREQ: PERMISSION OF INSTRUCTOR. AS

SPED g432 Direct Instruction Systems 3 credits. Provides mastery level skills training in direct instruction systems for reading, math, and written language. Includes field work, adaptation of curricula to direct instruction model and evaluation. PREREQ: PERMISSION OF INSTRUCTOR. F, S

SPED g433 The Emotionally Disturbed Child 2 credits. Survey of the causes of emotional disturbance in children and the effects upon the child's school performance and achievement. School programs and treatment considerations will be reviewed. F

SPED g436 Art for the Handicapped 2 credits. Adaptation of traditional art methods to meet the unique needs of handicapped children. Emphasis on hands-on work with mentally and physically handicapped children. D

SPED g437 Families and Disability 3 credits. Perspectives on supporting family involvement in special education programs. Emphasizes communication skills, development of family and professional partnerships, and community resources. PREREQ: PERMISSION OF INSTRUCTOR. F

SPED g438 Policies and Procedures in Special Education 3 credits. Consideration of legal background, current court rulings, professional responsibilities, and models for consultation and collaboration in a variety of educational settings. Includes the IEP process. PREREQ: PERMISSION OF INSTRUCTOR. S

SPED g440 Biomedical Aspects of Physical Disability 2 credits. Study of the causes, treatments, and educational implications of physical and neurological disorders of genetically and orthopedically disabled children. PREREQ: PERMISSION OF INSTRUCTOR. S

SPED g442 Survey of Mental Retardation 2 credits. Causes, treatment, and educational implications of mental retardation. Emphasis on biological and environmental contributions to developmental disabilities. PREREQ: PERMISSION OF INSTRUCTOR. AF

SPED g445 Vocational and Career Guidance for Exceptional Children 3 credits. Survey of vocational theories, decision-making techniques, career guidance tools and methods, design development and implementation of work-study programs, vocational education tests, and research concerned with exceptional children. Field practice is required. PREREQ OR COREQ: SPED g330, SPED g334, SPED g424, AND SPED g438 OR PERMISSION OF INSTRUCTOR. S

SPED g446 Secondary Special Education 2 credits. Teaching methodology focusing on needs of secondary and adult special education students. Topics include functional academics, transition, independent living, social skills, vocational training, employment options, and accessing community resources. PREREQ: PERMISSION OF INSTRUCTOR. AS

SPED g448 Pre-Practicum, Moderately Handicapped 1-3 credits. Supervised practical work with moderately handicapped children in a clinical setting. PREREQ: PERMISSION OF INSTRUCTOR. F, S

SPED g462 Seminar: Behavior Disorders 1 credits. Topical issues related to the education of children with behavior disorders in a variety of educational and therapeutic settings. PREREQ: PERMISSION OF INSTRUCTOR. D

SPED g480 Seminar in Special Education 1 credit. Current topics in the field of special education presented by departmental faculty and guest lecturers. May be repeated for a total of 2 credits. Graded S/U. F, S

SPED g481 Advanced Issues in Behavior Disorders 2 credits. Educational organization, collaboration and consultation skills necessary to provide cooperation between the schools and other community agencies that provide integrated service for this exceptionality. PREREQ: PERMISSION OF INSTRUCTOR. AF

SPED g485 Independent Problems 1-2 credits. Individual work under staff guidance. Field and/or library research on specific educational problems of interest to majors in education. Experience in research composition. PREREQ: PERMISSION OF INSTRUCTOR. D

SPED g491 Seminar 1-3 credits. Critical analysis of the literature in one or more areas of education. Limited enrollment. PREREQ: PERMISSION OF INSTRUCTOR. May be graded S/U. F, S, S

SPED 495 Special Education: Student Teaching 7-14 credits. Students assume instructional and management responsibilities in a supervised K-12 resource room or special education setting. Full semester for 14 credits; half semester 7 credits. PREREQ: SPECIAL EDUCATION METHODS CORE AND APPROVED APPLICATION. F, S

SPED g498 Advanced Field Work 3 credits. Orientation, observation, planning and implementation of special education instruction in a special education setting in the public schools. PREREQ: PERMISSION OF INSTRUCTOR. D

Vocational Teacher Education/ Corporate Training/ Occupational Training Management

John Bobell, Ed.D., Program Area
Leader

This program area offers professional courses to prepare students for bachelor's degrees in Corporate Training and Vocational Teacher Education. A masters degree in Occupational Training Management with options in Vocational Program Management and Industrial Training Management is offered. Masters degree programs are described in the Graduate Catalog.

Bachelor of Science in Vocational Teacher Education and Bachelor of Science in Corporate Training

Field of Specialization

Students enrolled in either major must possess a technical specialization in at least one occupational area such as agriculture mechanics, aircraft mechanics, air conditioning, auto body repair, auto

mechanics, auto parts distribution, business equipment repair, civil technology, construction, cosmetology, data processing technology, dental assistance, diesel mechanics, drafting and design technology, electrical technology, electronics technology, fire technology, food service, graphic arts, health occupations, health physics, law enforcement and security, machine shop, merchandising, millwright mechanics, nuclear technology, secretarial occupations, small gasoline engine repair, upholstery, water/waste treatment, welding or other recognized fields of specialization offered in a post-secondary vocational-technical system, or in employee training programs in business and industry.

Credit Requirements

Credit toward the B.S. in Vocational Teacher Education must be earned in four specific areas:

1. Work experience—Up to 50 credits may be granted for occupational competency based on a combination of experience and education (32 credit maximum for work experience, 18 credit maximum for technical education.) A minimum of five years of documented full-time occupational experience in a field of specialization (as previously described) is mandatory. A maximum of 24 months of vocational-technical, proprietary, or military education successfully completed in an approved/approvable program may be applied toward the Technical Education equivalency credit option. All applicable work experience and education must be documented, verified, and evaluated by a review committee prior to granting of credit. The credit granted may be applied toward the vocational teacher education or corporate training majors only.
2. General education university requirements for a B.S. degree (see General Education Requirements section of catalog).
3. Vocational teacher education or corporate training coursework, 40 credits minimum (see requirements).
4. Practicum—A practicum in teaching/training in approved/approvable secondary or post-secondary vocational-technical or industry training program must be completed. Practicum sites must be approved by the practicum coordinator within the Department of Occupational Education and

the cooperating school or industry administrator. Supervision of the practicum is conducted through the Department of Occupational Education and the cooperating school or employer. Credit requirements are noted in the following information. The practicum requirement may be waived for experienced teachers/trainers based on evaluation of experience and a recommendation of the individual's employer. The credit requirement is not waived and must be obtained through other approved coursework.

Course Requirements

Vocational Teacher Education majors and Corporate Training majors must complete the University General Education Requirements for the B.S. degree. These requirements are listed in the section of catalog titled Graduation Requirements, General Education Requirements and Academic Regulations. Transfer policy, alternate means to satisfy General Education Requirements, and general education and major field requirements, as listed in the Graduation Requirements section, also apply to these majors.

Professional Education 40 credit hours minimum.

Major in Vocational Teacher Education

The Bachelor of Science degree in Vocational Teacher Education prepares persons for instructional responsibilities in vocational education, industrial training, and other related fields. The program includes content applicable to State of Idaho standards for vocational teachers (Idaho Certification Standards for Professional School Personnel, revised 1988, Idaho State Board of Education). Vocational Teacher Education emphasizes teaching in public and proprietary schools. For more information, contact the VTE/CT/OTM program area leader.

Minimum Degree Requirements

General Education requirements for a B.S. Degree (minimum)	31 cr
VTE major coursework and electives (minimum)	40 cr
Field of specialization (work experience) VTE 210/310	32 cr
Technical specialization and/or minor field of study (minimum)	18 cr
University graduation requirements (minimum)	128 cr

Vocational Teacher Education Required Courses

CT g457	Methods of Teaching Adults	3 cr
FCS 200	Human Growth and Development	2 cr
VED g401	Foundations of Occupational Education	3 cr
VTE g402	Occupational Analysis and Course Construction	3 cr
VTE g403	Occupational Education Methods	3 cr
VED g444	Guidance and Special Needs Concepts for Vocational Education	3 cr
VTE g464	Instructional Facilities Management	3 cr
VTE 467	VTE Practicum: Student Teaching	3-8 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

Vocational Teacher Education Electives

To be designed with academic advisor 7-14 cr

Major in Corporate Training

The Bachelor of Science degree in Corporate Training prepares the student to analyze, design, develop, implement, and evaluate training within the dynamic and diversified corporate structures of today's public and private business and industry. The degree has been designed to recognize current competencies of the experienced individual. Flexibility is designed into the delivery system and sequencing of courses. For more information, contact the VTE/CT/OTM program area leader.

Minimum Degree Requirements

General education requirements for a B.S. degree (minimum)	31 cr
CT major coursework and electives (minimum)	40 cr
Field of specialization (work experience)	
VTE 210/310	32 cr
Technical specialization and/or minor field of study (minimum)	18 cr
University graduation requirements (minimum)	128 cr

Corporate Training Required Courses

C T g431	Supervision and Human Relations in Occupational Education	3 cr
C T 457	Methods of Teaching Adults	3 cr
C T 465	Practicum: Industry Training	1-3 cr
FCS 200	Human Growth and Development	2 cr

VED g401	Foundations of Occupational Education	3 cr
VTE g402	Occupational Analysis and Course Construction	3 cr
VTE g403	Occupational Education Methods	3 cr
VTE g464	Instructional Facilities Management	3 cr
VED 450	Foundations of Adult Education	3 cr

Corporate Training Electives

To be designed with academic advisor 10-13 cr

Corporate Training Courses

C T g431 Supervision and Human Relations in Occupational Training 3 credits. Supervising in an occupational education/training setting. Study human relation factors, planning, evaluation, staff development, organization, and personnel policies/practices. PREREQ: OCCUPATIONAL TEACHING EXPERIENCE AND VED g401, OR PERMISSION OF INSTRUCTOR. D

C T g457 Methods of Teaching Adults 3 credits. This course is VED g455 with one additional hour of lecture each week on techniques of developing and delivering conferences and workshops. PREREQ: SAME AS VED g455. F,S

C T 465 CT Practicum: Industry Training 1-3 credits. Development of training competencies applicable to business and industry settings. Actual supervised participation as a trainer is required. Available only to persons whose employer participates in this program. Graded S/U. D

C T g470 Occupational Training Methods 3 credits. Teaching methods and techniques applicable to occupational training. Substitutes for VTE g403. Only available through Westinghouse Idaho Nuclear Company. COREQ: CT g471. D

C T g471 Occupational Analysis and Course Construction 3 credits. Analysis of occupations to determine required competencies to develop an instructional program. Substitutes for VTE g402. Only available through Westinghouse Idaho Nuclear Company. COREQ: CT g470. D

Vocational Education Courses

VED g401 Foundations of Occupational Education 3 credits. Acquaints the student with the various aspects of occupational education and how it relates to other areas of education; provides a foundation for further professional development. D

VED g404 Evaluation in Corporate Training and Human Resource Development 3 credits. Examination of processes for designing and conducting program evaluations and

performance evaluations for business and industry training programs. Includes the preparation, analysis, and interpretation of evaluation reports. D

VED g405 Learning Styles Fundamentals 3 credits. Examination of the research related to learning styles and implications for curriculum and instruction. Includes presentation of an eight-step approach for teaching pedagogical content. D

VED g409 Professional Readings 1-3 credits. Identification and investigation of conceptual ideas about the relationship of programs, trends, legislation, developments, and principles to the professional home economics environment. Analyze and summarize content and value of professional readings. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

VED g444 Guidance and Special Needs Concepts for Vocational Education 3 credits. Examine career guiding concepts, specialist services, special needs legislation, abilities and inabilities (both mental and physical), job seeking skills, and information sources. PREREQ: VED g401 AND A TEACHING METHODS CLASS. D

VED g445 Advanced Concepts for Special Needs 3 credits. Develop competencies in modification of programs for teaching methods and communication skills used when working with special needs students in occupational program. Three hours lecture. D

VED g450 Foundations of Adult Education 3 credits. Provides an understanding of adult education as a field of academic inquiry and professional practice. Examines current and past trends and practices of adult learning. F, S

VED g455 Methods of Teaching Adults 2 credits. Study of the needs/interests of adults in occupational education. Methods, materials, media, and experiences in preparation for business, industry, and education. Two hours lecture. PREREQ: FCS 332, VTE g403, OR PERMISSION OF INSTRUCTOR. F, S

VED g468 Techniques of Teaching Cooperative Education 3 credits. Preparation for teaching cooperative vocational education. Topics: coordinating cooperative programs, occupational/job analysis, utilizing vocational advisory committees, and organizing and administering student organizations. Three hours lecture. S

Vocational Teacher Education Courses

VTE 210 Competency-Based Equivalency I 16 credits. Credit, unique to the corporate training and vocational teacher education majors, for technical competence gained through verified employment evaluated by review committee. PREREQ: SOPHOMORE STANDING AND SIX REQUIRED CREDITS IN THE MAJOR. Graded S/U. F, S, Su

Business Education

Roger Rankin, Ph.D., Program Area Leader

The business education major meets the standards for the business education endorsement for secondary teaching credential with vocational certification. The major is aimed at the secondary level, but anyone with the degree and three years work experience would be eligible for teaching at the post-secondary level. It is possible for graduates to work in business and industry in training capacities (corporate training) or in business related occupations outside education.

Business Education Courses

B ED 100 Electronic Keyboarding 1 credit. Participants will learn the touch method of keyboarding for entering information into various types of equipment through the use of a typewriter-like keyboard and a ten-key pad. D

B ED 102 Intermediate Keyboarding 3 credits. Instruction in typing/formatting letters, tabulations, manuscripts, and business forms on typewriters and microcomputers. Skill building will be attained, utilizing microcomputers and appropriate software. Laboratory time will be in addition to formal class instruction. D

B ED 240 Speedwriting Shorthand 3 credits. Speedwriting Shorthand is an abbreviated form of writing. Fundamentals of Speedwriting with emphasis on reading and writing fluency will be provided in formal instruction. Laboratory time will be in addition to formal class instruction. D

B ED 310 Microcomputers in Business Education 3 credits. An investigation into the role of microcomputers in the Business Education Curriculum. Basic concepts of computer applications in data base, spread sheet, word processing, keyboarding, and accounting will be covered. D

B ED 320 Clerical Procedures 2 credits. Instruction in telephone techniques, filing and retrieving, mail/communications, reprographics, technical services and information processing. Automatic typewriters and microcomputers with appropriate software will be utilized. Laboratory time will be in addition to formal class instruction. D

B ED 330 Advanced Technology in Business Education 3 credits. Designed to prepare potential business educators with respect to the latest technological advances and microcomputer applications as they relate to the secondary business education curriculum.

VTE 220 Technical Education Equivalency 1-18 credits. Credit, unique to the corporate training and vocational teacher education majors, for technical competence acquired through verified post-secondary vocational-technical, proprietary, or military education evaluated by review committee. Graded S/U. F, S, Su

VTE 310 Competency-Based Equivalency II 16 credits. Credit, unique to the corporate training and vocational teacher education majors, for technical competence gained through verified employment evaluated by review committee. PREREQ: SOPHOMORE STANDING AND SIX REQUIRED CREDITS IN THE MAJOR. Graded S/U. F, S, Su

VTE 397 Professional Education Development 1-3 credits. A course for the practicing occupational educator aimed at the development and improvement of educational skills. Various sections will have different subtitles. May be repeated up to four times. Graded S/U. D

VTE g402 Occupational Analysis and Course Construction 3 credits. Analysis of components of occupations to determine instructional content. Development of instructional materials based on performance objectives and competency identification. Examine available course materials. PREREQ: VED g401 OR PERMISSION OF INSTRUCTOR. F, S

VTE g403 Occupational Education Methods 3 credits. Teaching methods and techniques applicable to occupational education. PREREQ: VTE g402 OR PERMISSION OF INSTRUCTOR. F, S, Su

VTE g420 Selected Topics 1-8 credits. Examination and analysis of special topics for occupational education teachers/trainers. PREREQ: PERMISSION OF INSTRUCTOR. D

VTE g461 Directed Studies 1-4 credits. Individual work under staff guidance. Field research on specific occupational advances in technology. PREREQ: PERMISSION OF INSTRUCTOR. D

VTE g464 Instructional Facilities Management 3 credits. Organization, safety, and management of occupational education training facilities. An in-depth study of laboratory requirements and total facility planning. F, S

VTE 467 VTE Practicum: Student Teaching 3-8 credits. Development of teaching competencies applicable to vocational education settings at the secondary and post-secondary levels. Actual participation as an associate teacher is required. PREREQ: APPROVAL OF INSTRUCTOR. Graded S/U. D

VTE g480 Advanced Technical Competency 1-4 credits. Advanced occupational skills and knowledge obtained from modern practice in selected field. For experienced professionals seeking advanced techniques in specialized areas of vocational education. PREREQ: INTERMEDIATE LEVEL STUDY IN THE SPECIALTY. PERMISSION OF INSTRUCTOR. D

B ED 332 Methods in Business Education 3 credits. Designed to prepare the potential business education teacher with the necessary methodology to successfully teach business education courses at the secondary level. D

B ED 396 Work Experience in Business Occupations 1-2 credits. Credits awarded for work experience as verified by written/performance evaluation. Graded S/U. D

B ED g485 Independent Study in Business Education 1-3 credits. Individual work under staff guidance on areas of concern in business education. PREREQ: PERMISSION OF INSTRUCTOR. D

Major in Family and Consumer Sciences

Steven Daley, Ph.D., Program Area Leader

Professional courses in Family and Consumer Sciences are offered to prepare students for bachelors' degrees in Secondary family and Consumer Sciences Education and Family and Consumer Sciences. A master's degree emphasis in Family and Consumer Sciences is offered in cooperation with the program area of Secondary Education. Masters degree programs are described in the Graduate Catalog.

Students selecting a major in Family and Consumer Sciences must fulfill the university General Education Requirements (note specific courses), plus major requirements and a minor outside of the department. Additional electives to total 128 credits are required for graduation with the Bachelor of Arts or Bachelor of Science degree. The Family and Consumer Sciences major provides a generalist's background and preparation. Students enrolled in this major will select two emphasis areas (courses cannot be double counted) to complement the core courses required.

University General Education Requirements

(specific goal courses required)

ART 100	Survey of Art	3 cr
ECON 201	Principles of Macroeconomics	3 cr
PSYC 101	Intro to General Psychology I	3 cr
SOC 101	Introduction to Sociology	3 cr

Family and Consumer Sciences Core Courses Required

FCS 100	Family and Consumer Sciences Professional	1 cr
FCS 104	Foods	3 cr
FCS 200	Human Growth and Development	2 cr
FCS 228	Textiles	3 cr
FCS 239	Nutrition	3 cr
FCS 310	Housing Concepts	2 cr
FCS 311	Interior Design	3 cr
FCS 321	Marriage and Family	3 cr
FCS 371	Consumer Economics	3 cr
FCS 400	Leadership Issues Seminar	1 cr
FCS 427	Fashion: Diversity	3 cr
FCS 431	Family Resource Management	3 cr

In addition to the above core courses, each student must complete a minimum of 10 credits in each of two of the following emphasis areas. Courses cannot be double counted.

Emphasis Areas— Select 2

Apparel

(minimum of 10 cr)

FCS 127	Fashion: Personal Selection	2 cr
FCS 128	Construction Concepts Using Fabric	3 cr
FCS 426	Fashion: History	3 cr
FCS 494	Partnerships with Professionals	3 cr
THEA g323	Stage Costume History and Design	3 cr
THEA g328	Stage Costume History and Design	3 cr

Consumer Economics

(minimum of 10 cr)

ECON 202	Principles of Microeconomics	3 cr
FCS 127	Fashion: Personal Selection	2 cr
FCS 204	Meal Management	3 cr
FCS g471	Advanced Consumer Economics	3 cr
FCS 494	Partnerships with Professionals	3 cr

Family/Child Studies

(minimum of 10 cr)

FCS 302	Child Development	3 cr
FCS 303	Child Development Practicum	2 cr
FCS 322	Building Positive Relationships	3 cr
FCS 422	Building Family Strengths	3 cr
FCS 494	Partnerships with Professionals	3 cr

Food Management

(minimum of 10 cr)

FCS 204	Meal Management	2 cr
FCS 312	Quantity Foods	3 cr

FCS 404	Cultural Aspects of Gourmet Foods	2 cr
FCS 410	Foodservice Systems Management	5 cr
FCS g457	Experimental Foods	3 cr
FCS 494	Partnerships with Professionals	3 cr

Nutrition

(minimum of 10 cr)

BIOS g485	Nutritional Biochemistry	3 cr
FCS 405	Community Nutrition Issues	2 cr
FCS 406	Community Nutrition Laboratory	2 cr
FCS g461	Advanced Nutrition	3 cr
FCS 494	Partnerships with Professionals	3 cr
NTD 340	Therapeutic Nutrition	3 cr

Minor in Consumer Economics

Students receiving degrees in another major may satisfy the requirements for a minor in Consumer Economics. Additionally, some other department majors may elect a minor concentration in this area (minimum, 21 credits).

Required Courses

ECON 201-202	Principles of Macroeconomics and Microeconomics	6 cr
FCS 371	Consumer Economics	3 cr
FCS 431	Family Resource Management	3 cr
FCS g471	Advanced Consumer Econ	3 cr

Choose two of the following (6 credits)

ACCT 200	Personal Tax Planning	3 cr
ACCT 201	Principles of Accounting I	3 cr
ACCT 202	Principles of Accounting II	3 cr
ECON g323	Economic History	3 cr
ECON g331	Money and Banking	3 cr
ECON g334	International Economics	3 cr
ECON g338	Public Finance	3 cr
FCS g472	Teaching Consumer Economics	1-3 cr
FIN 303	Principles of Real Estate	3 cr
MGT 215	Small Business Management	3 cr
MGT 261	Legal Environment of Organizations	3 cr
MGT 362	Business Law	3 cr
MKTG 325	Basic Marketing Management	3 cr
MKTG g327	Consumer Behavior	3 cr

Minor in Foods and Nutrition

Students receiving degrees in another major may satisfy the requirements for a minor in Foods and Nutrition as stated below. Students interested in this minor should be advised within the department for the minor emphasis. Minimum 18 credits.

Required Courses

FCS 104	Foods	3 cr
FCS 239	Nutrition	3 cr

Choose 12 credits from the following:

BIOS g485	Nutritional Biochemistry	3 cr
FCS 204	Meal Management	2 cr
FCS 312	Quantity Foods	3 cr
FCS 404	Cultural Aspects of Gourmet Foods	2 cr
FCS 405	Community Nutrition Issues	2 cr
FCS 406	Community Nutrition Lab	2 cr
FCS 410	Foodservice Systems Management	5 cr
FCS 457	Experimental Foods	3 cr
FCS g461	Advanced Nutrition	3 cr
NTD 340	Therapeutic Nutrition	3 cr

Major in Family and Consumer Sciences Education

The secondary Family and Consumer Sciences Education major is approved by the Idaho State Board for Vocational Education. Students graduating in Family and Consumer Sciences Education must have completed at least 500 cumulative hours verified paid work experience in a family and consumer sciences-related occupation to receive vocational family and consumer sciences certification in the state of Idaho (4,000 hours are required for occupational family and consumer sciences programs).

It is recommended that a student complete the single-subject Family and Consumer Sciences Education major and a supporting teaching minor.

Because of the sequential nature of the courses and prerequisites, it is essential that all students considering a major in Secondary Education/Family and Consumer Sciences meet with a Family and Consumer Sciences Education advisor very early in their collegiate career. In addition to completing the requirements of the College of Education Teacher Education Program, all Family and Consumer Sciences single-subject teaching majors are required to take the following courses:

University General Education Requirements (specific goal courses required)

ECON 201*	Principles of Macroeconomics	3 cr
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ART 100*	Survey of Art	3 cr
SOC 101*	Introduction to Sociology	3 cr
PSYC 101	Intro to General Psychology I	3 cr

*See General University Requirements

Subject Related Courses

Family and Consumer Sciences Education majors must take the courses listed below. The courses must be taken in the departmentally recommended sequence. The student must work with a Family and Consumer Sciences advisor and utilize the departmental advising sheets.

FCS 100	Family and Consumer Sciences Professions	1 cr
FCS 104	Foods	3 cr
FCS 127	Fashion: Personal Selection	2 cr
FCS 128	Construction Concepts Using Fabric	3 cr

OR
Competency in construction as demonstrated by product evaluation and task performance (check with Family and Consumer Sciences [Home Economics] Education advisor)

FCS 204	Meal Management	2 cr
FCS 228	Textiles	3 cr
FCS 239	Nutrition	3 cr
FCS 303	Child Development Practicum	2 cr
FCS 310	Housing Concepts	2 cr
FCS 311	Interior Design	3 cr
FCS 322	Building Positive Relationships	3 cr
FCS 371	Consumer Economics	3 cr
FCS 400	Leadership Issues Seminar	1 cr
FCS 405	Community Nutrition Issues	2 cr
FCS 422	Building Family Strengths	3 cr
FCS 427	Fashion: Diversity	3 cr
FCS 431	Family Resource Management	3 cr

Plus the following Vocational and Family and Consumer Sciences (Home Economics) Education courses:

FCS 332	Family and Consumer Sciences Curriculum	3 cr
FCS 495	Student Teaching: FCS Foundations of Occupational Education	7-14 cr
VED g401	Foundations of Occupational Education	3 cr
VED g455	Methods of Teaching Adults	2 cr
VED g468	Techniques of Teaching Cooperative Education	3 cr

Recommended Electives:

ECON 202	Principles of Microeconomics	3 cr
FCS g471	Advanced Consumer Economics	3 cr
FCS g472	Teaching Consumer Economics	1-3 cr
VED g444	Guidance and Special Needs Concepts in Vocational Education	3 cr

Family and Consumer Sciences Courses

FCS 100 Family and Consumer Sciences Professions 1 credit. An introduction to professional careers in related fields. Student and career expectations, career options, leadership, balancing work and family, publications, and research directed toward the development of emancipated professionals. F

FCS 104 Foods 3 credits. Fundamental processes underlying food preparation with emphasis on the chemical and physical properties of foods. Lecture and laboratory. S

FCS 127 Fashion: Personal Selection 2 credits. Application of basic principles of clothing economics, selection, and design to the individual's particular figure, coloring, lifestyle and economic circumstances. Two hours lecture. PREREQ: ART 100. S

FCS 128 Construction Concepts Using Fabric 3 credits. Application of the principles of repair, alteration, fit, and construction. Emphasis will be placed upon quality analysis of projects. Lecture and laboratory. D

FCS 139 Consumer Nutrition, 3 credits. Introduction to nutrition, relationships among food choices, levels of nutrition, health of the individual and family. Experiences in dietary analysis, label and advertising critiques, and discussions of current trends. Designed for non-science majors.

FCS 200 Human Growth and Development 2 credits. Examination of the developmental characteristics of learners from birth to adulthood. Emphasis on the school aged individual including psychomotor, cognitive-intellectual, affective, personal-social and cultural-linguistic changes. F, S, Su

FCS 204 Meal Management 2 credits. Management of money, time, and energy for the selection, preparation, and service of nutritious meals to fit current lifestyles. Lecture and laboratory. PREREQ: FCS 104. F

FCS 228 Textiles 3 credits. Study of fibers, yarns, fabric, dyes and finishes as viewed from both the textile science and consumer points of view. Theory applied to all uses of textile fibers. F

FCS 239 Nutrition 3 credits. Descriptive survey of nutrients required by the human body. Study of food sources and proper dietary selection needed to fulfill human needs throughout the life cycle. PREREQ: SOPHOMORE STANDING AND CHEM 102 OR CHEM 111 SUGGESTED. F, S

FCS 261 Introduction to Weaving 3 credits. Procedures and processes involved in dressing the loom. Production of various weaves on the loom and experimentation with woven and constructed textiles. Cross-listed as ART 261. Six hours. F, S

FCS 302 Child Development 3 credits. Child development from conception to adolescence. Parenting techniques to promote normal growth

physically, emotionally and mentally; personality development; application of child behavior and guidance principles. S

FCS 303 Child Development Practicum 2 credits. Students translate theory into practice while working with young children in the College of Education Laboratory Preschool. Relate theory to preschool curriculum development, implementation, and administration. Lecture and laboratory. PREREQ: FCS 200. F, S

FCS 310 Housing Concepts 2 credits. Study and evaluation of housing needs as related to the life cycle and lifestyle. Economics and selection decisions related to dwelling design, construction, energy utilization, aesthetics and housing related policy. F

FCS 311 Interior Design 3 credits. Basic principles and elements of interior design. Experiences in creating aesthetic, personal and functional living areas. Laboratory experiences involve group/individual design planning and execution related to interior furnishings. Two hours lecture/two and one-half hours laboratory. S

FCS 312 Quantity Foods 3 credits. Principles and procedures for preparation of quantity food. Experiences in food production facilities with coordination of management principles through cost control, supervision, and food production. One hour lecture/six hours clinical. Cross-listed as NTD 312. PREREQ: FCS 204. F

FCS 321 Marriage and Family 3 credits. Analysis of American family in social-historical/institutional contexts; contemporary issues confronting family as social institution, and impact of family interaction dynamics on personal development/interpersonal relationships. Cross-listed as SOC 321. Three hours lecture. PREREQ: SOC 101 OR PERMISSION OF INSTRUCTOR. F

FCS 322 Building Positive Relationships 3 credits. Exploration of the role of decision-making and interpersonal understanding as forces in creating self-formed individuals. Emphasis placed upon building and maintaining positive interpersonal relationships. PREREQ: SOC 101 AND PSYC 101. F

FCS 332 Family and Consumer Sciences Curriculum 3 credits. Organization of vocational home economics programs as influenced by legislation, State guidelines, association standards, and philosophical frameworks. Lecture and laboratory. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM. F

FCS 361-362 Intermediate Weaving 3 credits each. Experimental work. Individual projects may include weaving skills, patterned weaves, frame and backstrap looms, rope-making and tapestry. Cross-listed as ART 361-362. 6 hours. PREREQ: ART 261. F, S

FCS 371 Consumer Economics 3 credits. Financial management content with a focus on developing effective decision-making processes for managing resources. Topics: The changing American family; consumer protection and recourse; purchasing decisions; consumer credit; fundamentals of savings/investment; and insurance. F

FCS 397 Professional Education Development. 1-3 credits. A course for the practicing educator aimed at the development and improvement of educational skills. Various sections will have different subtitles. Graded S/U. D

FCS 400 Leadership Issues Seminar 1 credit. Consideration of issues related to the transition from student to professional. Insight into successful functioning as a team member and leader in the profession. PREREQ: JUNIOR STANDING AND PERMISSION OF INSTRUCTOR. S

FCS g401 Foundations of Early Childhood Education 3 credits. Examination of social, historical, and philosophical foundations of early childhood education and their respective influences on currently accepted concepts and practices in programs serving young children from birth through age eight. D

FCS 402 How to Deal With Child Abuse 1 credit. Designed to help educators identify and cope with neglected/abused children. One hour lecture. D

FCS 404 Cultural Aspects of Gourmet Foods 2 credits. Intercultural study of food patterns, economics, history, preparation techniques, and serving of foods of various countries. Lecture and laboratory. PREREQ: FCS 104 OR 204 OR PERMISSION OF INSTRUCTOR. D

FCS 405 Community Nutrition Issues 2 credits. Exploration of current nutrition issues affecting public health. Introduction to government/private food assistance programs. Development of skills in needs assessment and project development of community nutrition programs. Cross-listed as NTD 405. PREREQ: FCS 239. S

FCS 406 Community Nutrition Laboratory 2 credits. Practical experiences in community service and public and private health care agencies. Cross-listed as NTD 406. PREREQ: NTD 300-301 OR SPECIAL PERMISSION. COREQ: FCS 405. S

FCS 409 Professional Readings 1-3 credits. Identification and investigation of conceptual ideas about the relationship of programs, trends, legislation, and developments in the Family and Consumer Sciences environment. Analyze and summarize content. Cross-listed as NTD g409. PREREQ: PERMISSION OF INSTRUCTOR. D

FCS 410 Foodservice Systems Management 5 credits. Principles and concepts of foodservice management: planning, organization, and controls. Development of skills through projects in foodservice facilities. Three hours lecture/six hours clinical. Cross-listed as NTD 410. PREREQ: FCS/NTD 312 AND MGT g312. F

FCS 422 Building Family Strengths 3 credits. Emphasizes the positive assumption of roles and responsibilities within family interaction. Focuses upon the utilization of family strengths in assessing and addressing family situations. PREREQ: SOC 101 AND PSYC 101. S

FCS 426 Fashion: History 3 credits. Survey of the history of fashion in the western world with emphasis on the artistic and cultural setting that produces the fashions. 3 hour lecture. D

FCS 427 Fashion: Diversity 3 credits. A study of the cultural, socio-psychological, functional and technological developments in textiles and clothing. PREREQ: PSYC 101 AND SOC 101. D

FCS g431 Family Resource Management 3 credits. Management theory for resource utilization and goal achievement. Issues include stress, communication, and family types. Emphasis on decision-making related to the dynamics of balancing work and family. PREREQ: FCS 371. S

FCS g432 Behavioral Growth and Development 1 credit. Normal child growth and development. Major theories of psychological growth and maturation of normal child with common aberrations. Dental management of children in regard to psychological growth and development (IDEP course). One hour lecture. S

FCS g435 Family as a Developmental Context 3 credits. Study of families as a context for fostering individual development. The reciprocal impact of individual life stage and family life cycle stage is emphasized. PREREQ: EDUC 201 OR PERMISSION OF INSTRUCTOR. D

FCS g439 Sports Nutrition 3 credits. Review of nutrition recommendations for both competitive and recreational athletic performance. Rationale for nutrition practices is given through an examination of individual nutrient metabolism. Controversies and misinformation addressed. Cross-listed as NTD g439. PREREQ: FCS 239 SUGGESTED. S

FCS g457 Experimental Foods 3 credits. Development of experimental methods and their application to cookery and food technology; preparation of student for independent investigation in foods; acquaintance with literature in the field. Two hours lecture/four hours laboratory. Cross-listed as NTD g457. PREREQ: FCS 104; JUNIOR STANDING. D

FCS g461 Advanced Nutrition 3 credits. Advanced study of nutrition science, including protein, carbohydrate, lipid, vitamin, and mineral metabolism. Introduction to research methodology and professional literature. Cross-listed as NTD g461. PREREQ: FCS 239, CHEM 102. AF

FCS g471 Advanced Consumer Economics 3 credits. Advanced study of social and economic problems affecting individuals and families. Topics: financial security; credit and loans; tax planning; major consumer purchases; risk management; investments; retirement and estate planning. PREREQ: FCS 371. S

FCS g472 Teaching Consumer Economics 1-3 credits. Designed to provide educators with current content and resources for developing consumer and economic education curriculum. Teaching techniques discussed and practiced. PREREQ: FCS g471 OR PERMISSION OF INSTRUCTOR. F, S, Su

FCS 481-482 Special Problems in Family and Consumer Sciences 1-2 credits. Students select problem on the basis of needs, interests, or abilities. Independent work in the laboratory, library, or community. Regular advisor conferences required PREREQ: PERMISSION OF INSTRUCTOR F, S, Su

FCS 491-492 Special Problems in Family and Consumer Sciences Education 1-2 credits. Students select problems on the basis of needs, interests, or abilities. Independent work in the laboratory, library, or community. Regular advisor conferences required. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

FCS 494 Partnerships with Professionals 3 or 6 credits. Professional cooperative experience with business agency. Seminar plus 126 hours experience, 3 credits; 252 hours, 6 credits. PREREQ: 9 CREDITS IN EMPHASIS AREA, 2.5 GPA, APPROVAL OF INSTRUCTOR, CT g457 OR VED g455. D

FCS 495 Student Teaching: Family and Consumer Sciences 7-14 credits. Assume instructional/planning management responsibilities in supervised secondary school setting. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM; FCS 332, AND/OR APPROVED APPLICATION. Graded S/U. D

Physical Education and Dance

Timothy Winter, Ph. D., Program Area Leader

This program area offers undergraduate majors and minors in physical education and a minor in dance. Students not seeking teaching certification may be exempted from secondary requirements, but must fulfill all department and university requirements for the Bachelor of Arts or Bachelor of Science degree. A wide selection of activity courses is available to meet individual student needs and satisfy elective requirements for those wishing a well-rounded program. Students may apply up to eight hours of activity classes in a degree program.

Contained within Reed Gymnasium are the Office of Campus Recreation and Intramurals and the Center for Fitness and Wellness. The Reed Gymnasium complex is open for student use more than 100 hours per week for student recreation purposes. Within that time span is a well-organized program of intramurals, designed to meet the needs of a diverse student body. Men's, women's, and coed programs are available in more than 25 activities.

Bachelor of Arts or Bachelor of Science in Physical Education

Admission to Program

Admission to a major or minor in physical education is based on the successful completion of the following:

1. Completion of the following courses:

PE 221*	History and Philosophy of Physical Education	2 cr
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*Prerequisites—Aerobics: PEAC 130 (Aquacize) OR PEAC 131A OR 131B (Aerobics) OR PEAC 133 (Jogging/Fitness); Golf: PEAC 142A OR 142B; Tennis: PEAC 151A OR 151B; and Swimming: PEAC 170A OR 170B)

2. Completion of the following General Education Goals: 1, 2, 3, 4, 6, (P E 201), and 12.
3. Overall GPA of 2.5.
4. GPA of 2.5 in Professional Physical Education or Dance courses.
5. No grades below “C” in Professional Physical Education or Dance courses.
6. Enrollment in P E 292 Leadership Practicum for a minimum of one credit.
7. Student portfolio initiation.
8. Faculty review and recommendation of students for admission to the Physical Education and Dance program based upon successful completion of the above requirements.

Students must make formal application for full admission to the Physical Education and Dance program. Application forms are available in the Physical Education and Dance office. Students may not register for upper division courses until admittance to the Physical Education and Dance program is achieved.

Graduation Requirements:

In order to graduate from the Physical Education and Dance Program as a major/minor, the following requirements must be successfully completed*:

1. All 300/400 courses for the major or minor.

2. Minimum grade of “C” in professional courses.
3. Subsequent enrollment in PE 292 Leadership Practicum for a minimum of one additional credit.
4. Completion of written philosophy for physical education and dance.
5. Minimum cumulative GPA of 2.75.
6. Minimum GPA of 2.75 in the major/minor.
7. Completion of student portfolio.

*Transfer students and change of major/minor students will be allowed to enroll in 6 credits of upper division courses while completing Phase 1 requirements. Two semesters will be allowed to complete deficiencies.

Denial of Admission to the Physical Education and Dance Major/Minor Program

Students who have been denied full admission to the Physical Education and Dance program may reapply; however, they must meet the standards for admission in place at the time of their reapplication to attain full admission.

Major in Physical Education

The following courses are required in addition to the General Education Requirements for the B.A. or B.S. degree:

P E 221	History and Philosophy of Physical Education	2 cr
P E 231*	Activity Laboratory - Field and Court	1 cr
P E 232*	Activity Laboratory - Outdoor Skills	1 cr
P E 233*	Activity Laboratory - Individual and Recreation	1 cr
P E 234*	Activity Laboratory - Dance	1 cr
P E 243	Anatomical Foundations of Human Activity	2 cr
P E 270	Motor Learning	1 cr
P E 292	Leadership Practicum	1 cr
	(above course to be taken twice)	1 cr
P E 301	Physiology of Exercise	4 cr
P E 302	Human Kinesiology	4 cr
P E 322	Psychology of Sport	3 cr
P E g362	Tests and Measurements in Physical Education	2 cr
P E 437	Methods of Teaching Physical Education	2 cr
P E g475	Management of Physical Education	3 cr
P E g494	Special Physical Activity	3 cr
	Total	32 cr

IN ADDITION: Student must present a current Red Cross First Aid Card to advisor or complete H E 205, First Aid and Safety. (Completion of above courses satisfies requirements for a minor.)

*PREREQ. FOR P E 231, P E 232, P E 233, P E 234: Aerobics: PEAC 130 (Aquacize) OR PEAC 131A OR 131B (Aerobics) OR PEAC 133 (Jogging/Fitness); Golf: PEAC 142A OR 142B; Tennis: PEAC 151A OR 151B; Swimming: PEAC 170A or 170B

Plus 2 elective credits from any of the Emphasis areas listed below:

Emphasis Areas

The following areas of emphasis are available: Activity Performance; Dance; Athletic Coaching; and Fitness Leadership.

Activity Performance

P E 300	Movement Theory	2 cr
P E 259	Lifeguarding	2 cr
P E 358	Water Safety Instructor's Course	3 cr
In addition:	Approved electives	3 cr

Dance

P E 201	Survey of Dance	3 cr
P E 260	Methods of Dance for Children	2 cr
P E 300	Movement Theory	2 cr
P E 367	Methods and Techniques of Dance	3 cr
In addition:	Approved electives	2 cr

Athletic Coaching

P E 300	Movement Theory	2 cr
P E g470	Care and Prevention of Athletic Injuries	2 cr
Select one from P E 312-319 listed below:		
P E 312	Practical Applications of Coaching Baseball/Softball	2 cr
P E 313	Practical Applications of Coaching Basketball	2 cr
P E 314	Practical Applications of Coaching Football	2 cr
P E 315	Practical Applications of Coaching Soccer	2 cr
P E 316	Practical Applications of Coaching Tennis	2 cr
P E 317	Practical Applications of Coaching Track and Field	2 cr
P E 318	Practical Applications of Coaching Volleyball	2 cr
P E 319	Practical Applications of Coaching Wrestling	2 cr
In addition:	Approved electives	2 cr

Fitness Leadership

FCS 239	Nutrition	3 cr
H E g401	Issues in Health and Wellness	4 cr
In addition:	Approved electives	2 cr

Minor in Coaching

To be eligible for the Coaching minor, students must complete the required courses, and be able to show satisfactory completion of ASEP sport science, *and* one of the following:

- 1) ASEP sport first aid
- 2) HE 205
- 3) American Red Cross Community First Aid and Safety

Current physical education majors and minors are *not* eligible for this minor.

Required Courses

P E 270	Motor Learning	1 cr
P E 301	Physiology of Exercise	4 cr
P E 301L	Physiology of Exercise Lab	0 cr
P E 302	Human Kinesiology	4 cr
P E 302L	Human Kinesiology Lab	0 cr
Select from P E 312-319 listed below:		
P E 312	Practical Applications of Coaching Baseball/Softball	2 cr
P E 313	Practical Applications of Coaching Basketball	2 cr
P E 314	Practical Applications of Coaching Football	2 cr
P E 315	Practical Applications of Coaching Soccer	2 cr
P E 316	Practical Applications of Coaching Tennis	2 cr
P E 317	Practical Applications of Coaching Track and Field	2 cr
P E 318	Practical Applications of Coaching Volleyball	2 cr
P E 319	Practical Applications of Coaching Wrestling	2 cr
P E 322	Psychology of Sport	3 cr
P E 470	Care and Prevention of Athletic Injuries	2 cr
P E 480	Coaching Problems	2 cr
		Total 18 cr

Minor in Dance

The Dance minor may be taken by any university student. Courses are especially designed to meet needs of students in Physical Education, Elementary Education, Theatre, and other arts as well as private dance studio teachers.

Required Courses

P E 201	Survey of Dance	3 cr
P E 243	Anatomical Foundations of Human Activity	2 cr
P E 260	Methods of Dance for Children	2 cr
P E 367	Methods and Techniques of Dance	3 cr
P E 401	Issues in Dance	2 cr
P E 431	Choreography	3 cr
	Approved electives in Dance Activities	3 cr
	Approved electives from Art, P E, Management, Music, Communication/Theatre	3 cr
		Total 21 cr

Dance Activities Electives

PEAC 110A OR B Ballet	1 cr
PEAC 111A OR B Ballroom Dance	1 cr
PEAC 112A OR B Jazz	1 cr
PEAC 113A, B OR C Modern Dance	1 cr
PEAC 115 Folk and Square Dance	1 cr
PEAC 114A OR B Tap/Clog	1 cr
P E 147 DANSON-ISU Danscompany	1 cr

Approved Electives

Students may select a total of 3 credits from one or more of the following areas:

Physical Education and Dance

P E 270	Motor Learning	1 cr
P E 300	Movement Theory	2 cr
P E 302	Human Kinesiology	4 cr
HE 340	Fitness and Wellness Programs	3 cr
P E g470	Care and Prevention of Athletic Injuries	2 cr
P E g494	Special Physical Activity	3 cr

Art and Architecture

ART 100	Survey of Art	3 cr
ART 103	Creative Process	3 cr
ART 105	Drawing I	3 cr

Management

MGT 215	Small Business Management	3 cr
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Music

MUSC 102	Elements of Music	2 cr
MUSC 106	American Music	3 cr

Communication and Theatre

THEA 101	Appreciation of Drama	3 cr
THEA 251	Beginning Acting	3 cr
THEA 209	Stage Lighting	2 cr

Activity Courses in Physical Education

PEAC 100 Adaptive Martial Arts 1 credit. Adaptive and corrective exercise programs in the martial arts (including judo and tae kwondo) designed for individuals unable to participate in a regular activity class. F, S

PEAC 101 Adaptive Snow Skiing 1 credit. Adaptive and corrective exercise program in snowskiing designed for individuals unable to participate in a regular activity class. Su

PEAC 102 Adaptive Waterskiing 1 credit. Adaptive and corrective exercise program in waterskiing designed for individuals unable to participate in a regular activity class. S

PEAC 103 Adaptive Swimming 1 credit. Adaptive and corrective exercise programs in aquatics designed for individuals unable to participate in a regular activity class. Su

PEAC 104 Adaptive Weight Training 1 credit. Adaptive and corrective exercise programs in progressive body building and conditioning exercises designed for individuals unable to participate in a regular activity class. F, S

PEAC 107 Instructor Training of Adapted Waterskiing 1 credit. Methods and techniques of teaching waterskiing to people with disabilities. Su

PEAC 108 Instructor Training of Adapted Snowskiing 1 credit. Methods and techniques of teaching snowskiing to people with disabilities. S

PEAC 109 Instructor Training of Adapted Sport 1 credit. Methods and techniques of teaching a variety of sport skills to people with disabilities. F, S

PEAC 110A Beginning Ballet Dance 1 credit. Beginning techniques at the barre, center floor, and movement combinations. Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation. F, S

PEAC 110B Intermediate Ballet Dance 1 credit. Intermediate techniques at the barre, center floor, and movement combinations. Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation.

PEAC 111A Beginning Ballroom Dance 1 credit. Beginning techniques in two-step, Fox Trot, Waltz, Polka, Cha Cha Cha, Swing, and others. Taught at beginning skill level along with partnering, appropriate dress, proper etiquette. Informal performance opportunities available. F

PEAC 111B Intermediate Ballroom Dance 1 credit. Intermediate techniques in two-step, Fox Trot, Waltz, Polka, Cha Cha Cha, Swing, and others. Taught at intermediate skill level along with partnering, appropriate dress, proper etiquette. Informal performance opportunities available. D

PEAC 112A Beginning Jazz Dance 1 credit. Techniques taught at beginning skill level (combines ballet, modern dance, and tap). Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation. F, S

PEAC 112B Intermediate Jazz Dance 1 credit. Techniques taught at intermediate skill level (combines ballet, modern dance, and tap). Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation. D

PEAC 113A Beginning Modern Dance 1 credit. Techniques in warm ups, nonlocomotor/locomotor movements, and combinations taught at beginning level. Students create studies to express own thoughts, ideas, feelings; present to class and end of semester informal presentation.

PEAC 113B Intermediate Modern Dance 1 credit. Techniques in warm ups, nonlocomotor/locomotor movements, and combinations taught at intermediate level. Students create studies to express own thoughts, ideas, feelings; present to class and end of semester informal presentation. F

PEAC 113C Advanced Modern Dance 1 credit. Techniques in warm ups, nonlocomotor/locomotor movements, and combinations taught at advanced level. Students create studies to express own thoughts, ideas, feelings; present to class and end of semester informal presentation. D

PEAC 114A Beginning Tap/Clog Dance 1 credit. Techniques and combinations taught at beginning level. Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation. F, S

PEAC 114B Intermediate Tap/Clog Dance 1 credit. Techniques and combinations taught at intermediate level. Patterns taught by instructor and created by students are performed for class members and end of semester informal presentation. D

PEAC 115 Folk/Square Dance 1 credit. Steps/combinations taught at various skill levels. Folk dances from around the world, square dances from America are included. Informal performance at end of semester. D

PEAC 116 Line Dance 1 credit. Steps, combinations, and a variety of dances are taught at various skill levels. No partner required. Dances such as "Slappin' Leather," "Boot Scootin' Boogie," "Alley Cat," plus new dances are included. D

PEAC 118 Wilderness Survival Skills 1 credit. Designed to provide students with knowledge and skills necessary to survive a 72-hour emergency (summer and fall seasons). Includes signaling, shelter building, hypothermia, survival kits, fire building, direction finding and desert hazards. F

PEAC 130 Aquacise 1 credit. Techniques of water exercises for physical conditioning. Physiological self-assessments and water safety will be covered. F, S

PEAC 131A Beginning Aerobics 1 credit. Introduction to elementary techniques and modalities of aerobic exercise. Physiological self-assessments and safety will be covered. F, S

PEAC 131B Intermediate Aerobics 1 credit. Continuation of elementary techniques, and introduction to more strenuous aerobic exercise for the intermediate level student. Physiological self-assessments, safety, and training benefits of a variety of modalities are covered. F, S

PEAC 131C Advanced Aerobics 1 credit. High-level aerobic techniques and modalities designed for the advanced student. More advanced physiological self-assessments and discussion of a variety of modalities will be covered. D

PEAC 132 Individualized Physical Education 1 credit. Introduction to lifetime fitness programming components with individually-designed programs. Physiological self-assessments, safety, and equipment are covered. F, S

PEAC 133 Jogging/Personal Fitness 1 credit. Fitness-oriented course, designed for students who wish to maintain or increase their present fitness level. Physiological self-assessments and safety are covered. F, S

PEAC 134A Beginning Weight Training 1 credit. Instruction and participation in fundamentals of progressive body-building and conditioning with resistance, including various modalities. Physiological self-assessments and safety will be covered. D, S, Su

PEAC 131B Intermediate Weight Training 1 credit. Instruction and participation in fundamentals of progressive body-building and conditioning with resistance, including various modalities. Designed for the intermediate lifter. F, S

PEAC 139A Beginning Fencing 1 credit. Introduction to the basic skills of foil fencing including equipment, grip, salute, on-guard, advance, retreat, lunge, and defense. Includes safety concerns, basic strategies, and rules. F, S

PEAC 139B Intermediate Fencing 1 credit. Continuation and expansion of the basic skills included in the beginning course with the addition of parries, engagements, and advanced attacks. Also includes advanced strategies. F, S

PEAC 140A Beginning Billiards 1 credit. Introduction to the fundamental skills involved in billiards: technique, game play, scoring, and etiquette. F, S

PEAC 140B Intermediate Billiards 1 credit. Designed for the intermediate level player; this course explores a variety of more advanced shots and strategies. F, S

PEAC 141A Fundamentals of Bowling 1 credit. Introduction to fundamental skills, scorekeeping, handicaps, and rules of bowling. F, S

PEAC 141B Intermediate Bowling 1 credit. Designed for the intermediate level bowler, this course builds upon the skills and knowledges of the fundamentals course. F, S

PEAC 141C Advanced Team Bowling 1 credit. Introduction to more advanced individual techniques and skill assessment and corrections for bowling. F, S

PEAC 142A Beginning Golf 1 credit. Fundamental philosophies and techniques of golf, including grip, use of irons, woods, and putter, and etiquette. F, S, Su

PEAC 142B Intermediate Golf 1 credit. Designed for the intermediate golfer, this course builds on the acquisition of skill in the fundamental strokes; etiquette; and more advanced reading of the course. F, S, Su

PEAC 143A Beginning Judo 1 credit. Rudimentary principles and philosophies of judo, including the techniques of grappling, throwing and falling. F, S

PEAC 143B Intermediate Judo 1 credit. A continuation of fundamental judo skills and philosophies for intermediate-skilled students, including basics of some advanced skills. F, S

PEAC 143C Advanced Judo 1 credit. A refinement of fundamental judo skills and philosophies for advanced-skilled students, including advanced techniques of throwing, grappling, and falling. F, S

PEAC 144 Tae Kwon-do 1 credit. Presentation of principles and philosophies of Tae Kwon-do, a Korean form of karate meant for energy conservation in self-defense technique. F, S

PEAC 145 Rodeo 1 credit. An orientation to the safety and techniques of the various events of the modern-day rodeo. F, S

PEAC 146 Archery 1 credit. Introduction to equipment, technique, and safety practices of archery. D

PEAC 148A Beginning Women's Judo 1 credit. Introduction to methods and techniques of judo for women. Includes a variety of holding and throwing techniques. Rules, safety considerations, and the philosophy of judo are emphasized. D

PEAC 150A Beginning Racquetball 1 credit. Introduction to fundamentals of technique, strategy, and safety in the game of racquetball. F, S

PEAC 150B Intermediate Racquetball 1 credit. Continuation of basic skills and fundamental strategies for the intermediate level racquetball player. F, S

PEAC 150C Advanced Racquetball 1 credit. Refinement of skills, techniques, and strategies for the advanced level racquetball player. D

PEAC 151A Beginning Tennis 1 credit. Rudimentary principles and techniques of tennis, including basic shot selection, conditioning, drill works, and game play. F, S, Su

PEAC 151B Intermediate Tennis 1 credit. A continuation of fundamental tennis skills and principles for intermediate-skilled students, including an introduction to some advanced skills. F, S

PEAC 151C Advanced Tennis 1 credit. Refinement of skills, techniques, and strategies for the advanced level player. D

PEAC 152A Beginning Badminton 1 credit. Introduction to basic skills, game play, and strategies in the game of badminton. D

PEAC 152B Intermediate Badminton 1 credit. Continuation of skill refinement, more advanced game play, and strategies for the intermediate player. D

PEAC 152C Advanced Badminton 1 credit. Refinement of fundamental skills, more advanced game play, and strategies for the advanced player. D

PEAC 155A Beginning Soccer 1 credit. Introduction to basic individual and team soccer skills, including dribbling, shooting, and offensive and defensive techniques and strategies. S

PEAC 155B Intermediate Soccer 1 credit. Continuation of fundamental team and individual skill acquisition, and introduction of more advanced techniques and strategies. D.

PEAC 156A Beginning Basketball 1 credit. Fundamental individual and team techniques, strategies, and play. F, S

PEAC 156B Intermediate Basketball 1 credit. More advanced individual and team techniques, strategies and play for intermediate level players. F, S

PEAC 157A Beginning Volleyball 1 credit. Introduction to fundamental individual and team skills, strategies, and play for beginning level volleyball players. S

PEAC 157B Intermediate Volleyball 1 credit. More advanced individual and team skills, strategies, and play for intermediate level volleyball players. S

PEAC 158 Softball 1 credit. Introduction to fundamental skills, and refinement of more advanced skills, for individual and team techniques, strategies, and play in softball. F, S

PEAC 160A Beginning Skiing 1 credit. Fundamental techniques, etiquette, training, safety practices and skill practice in downhill skiing for beginners. S

PEAC 160B Intermediate Skiing 1 credit. For intermediate level skiers, an emphasis on safety practices, etiquette, more advanced techniques, training, and skill practice. S

PEAC 160C Advanced Skiing 1 credit. Intended for advanced skiers, this course emphasizes high-level skill acquisition, training, safety, ski etiquette, and skill practice. S

PEAC 161A Beginning Night Skiing 1 credit. Skill acquisition and safety practices for beginners who wish to ski at night. S

PEAC 162A Beginning Snowboarding 1 credit. Introduction to snowboarding, including selection of equipment, safety practices, etiquette, and techniques. S

PEAC 162B Intermediate Snowboarding 1 credit. Designed for the experienced snowboarder. A continuation of the basic skills and techniques included in the beginning course. S

PEAC 170A Beginning Swimming 1 credit. Introduction to propulsive movement skills in the water; includes safety, front crawl, and elementary backstroke. F, S

PEAC 170B Intermediate Swimming 1 credit. Refinement of beginning skills; includes an introduction to breaststroke, intermediate level safety, basic diving technique, back crawl, and sidestroke. F, S

PEAC 170C Advanced Swimming 1 credit. Refinement of previous strokes; includes introduction to butterfly, inverted breast-stroke, the trudgen, and overarm sidestroke. D

PEAC 171 Synchronized Swimming 1 credit. An orientation to the fundamentals of the Olympic sport of individual and team synchronized swimming, including tricks, presentation, and basic to advanced skills. D

PEAC 172 SCUBA Diving 1 credit. Basic skills in SCUBA diving: mask, fins, snorkel use; safety techniques; mechanical equipment use; aquatic environments. Students must: swim 400 yards; tread water 15 minutes; carry ten pound brick 25 yards. No certification. F, S

PEAC 173 Skin and SCUBA Diving Certification 2 credits. Skills in SCUBA: mask, fins, and snorkel use; safety techniques; mechanical equipment use; aquatic environments. Students must: swim 400 yards; tread water 15 minutes; carry ten pound brick 25 yards. Certification possible. F, S

PEAC 175A Beginning Kayaking 1 credit. Uses controlled environment of ISU pool and includes basic skills including draw and sculling strokes, high and low bracing, eddy turns, deep water rescue techniques, river safety, and Eskimo roll. F, S

PEAC 175B Intermediate Kayaking 1 credit. Utilizes both indoor pool sessions and actual river experiences to build upon the foundation established in the beginning course. Refinement of paddle strokes and rolling technique. F, S

PEAC 175C Advanced Kayaking 1 credit. Advanced techniques of kayaking on a variety of actual river experiences. Includes route planning, surfing, reading whitewater and river safety. D

PEAC 176A Beginning Rock Climbing 1 credit. Designed for students with little or no climbing experience, this outdoor class covers basic climbing including knot tying, belaying, movement techniques, top rope anchor systems, and safety procedures. F, S

PEAC 176B Intermediate Rock Climbing 1 credit. Designed for the intermediate level student, this course explores more advanced techniques, etiquette, and minimal impact techniques. F, S

PEAC 176C Advanced Rock Climbing 1 credit. Extends skill range from top roping to lead climbing techniques. Includes belay anchors, route protection, lead and aid climbing, minimal impact techniques, and safety and rescue procedures. D

PEAC 177A Beginning Cross-Country Skiing 1 credit. Designed for beginning skiers, this course introduces students to flat surface techniques and progresses to uphill and downhill techniques. Indoor lectures are combined with tours to local cross-country ski areas. S

PEAC 177B Intermediate Cross-Country Skiing 1 credit. Designed for intermediate skill x-country skiers, this course builds on the fundamental techniques of the beginning course. Includes safety in the backcountry, more advanced uphill and downhill techniques, and overnight trip planning. S

PEAC 178A Beginning Telemark Cross-Country Skiing 1 credit. Fundamental skills of executing downhill turns on cross-country skis. Telemark is primary emphasis, but wedge, stem christie, and parallel turns are also covered in relation to free heel skis. S

PEAC 178B Intermediate Telemark Cross-Country Skiing 1 credit. Course builds upon the basic skills first introduced in the beginning course. Introduces additional techniques. S

PEAC 180A Beginning Windsurfing 1 credit. Introduction to the basic skills of sailboarding including sail rigging, sailing maneuvers, wind reading and windsurfing safety. F, S

PEAC 180B Intermediate Windsurfing 1 credit. Continuation of basic skills of sailboarding, with additional emphasis on more advanced technique and weather reading for the intermediate level windsurfer. F, S

PEAC 181 Bicycling 1 credit. Includes both mountain and road biking. Combines a series of indoor lectures with practical outdoor riding experience. Topics include riding techniques, clothing, equipment, safety and bike maintenance. F

PEAC 182A Beginning Dutch Oven Cooking 1 credit. Includes basic food preparation, meal planning and the care and use of cast iron dutch ovens. Nightly demonstrations by guest chefs. Students will select recipes, buy food, and prepare their own meals. F, S

PEAC 182C Advanced Dutch Oven Cooking 1 credit. Expands upon the basics taught in the beginning course. Includes large group meal planning, dutch oven catering, garnishing and presentation of meals, gourmet meal preparation, and competitive cooking. F

PEAC 183 Map and Compass 1 credit. Combines classroom and practical field exercises. Basic land navigation techniques including compass bearings, magnetic declination, contour line identification, use of GPS instruments, resection, orientation techniques, and use of the Universal Mercator Coordinate System. F

PEAC 184 Ice Climbing 1 credit. Designed for the advanced rock climber, this course explores techniques suitable for steeply inclined ice and snow climbing. Includes equipment selection, safety, use of ice screws and pitons, and the two-axe method. S

PEAC 185 Basic Mountaineering 1 credit. Designed for students wishing to climb mountains on a non-technical basis. Includes ice axe use, rope team travel, clothing, equipment, hazards, hypothermia, and acute mountain sickness. S

PEAC 186 Practical Outdoor Skills 1 credit. Basic skills for activity in the outdoors. Topics include practical outdoor knots, water treatment, map and compass, sheltering strategies, outdoor emergencies and first aid, equipment and clothing, minimal impact techniques, and fire building. S

PEAC 187 Avalanche Safety 1 credit. Designed to equip winter travelers with knowledges and skills to minimize avalanche hazards. Some topics included are snow crystal identification and snow pack metamorphism influencing avalanche formation. Field sessions are included. S

PEAC 188 Winter Survival Skills 1 credit. Designed to equip students with knowledge necessary for a 72 hour winter survival situation. Content includes winter shelter building, recognizing and treating frostbite, signaling, fire building, survival psychology, nutrition needs, clothing and equipment. S

PEAC 190 Varsity Athletics 1 credit. Instruction and participation in ISU Department of Athletics approved sports. Coach's approval required. F, S

Professional Physical Education Courses

PE 147 Danson - ISU Danscompany 1 credit. A student performing group. Designed to assist students in developing skills necessary to create and produce lecture/demonstrations for schools and concerts. Various dance forms are used. F, S

P E 201 Survey of Dance 3 credits. Historical development of dance from primitive to modern times. A study of language, literature and forms of dance. Relationship of dance to the fine arts and other disciplines. Satisfies Goal 6 of the General Education Requirements. F, S, Su

P E 205 Methods and Techniques of Gymnastics 2 credits. Fundamental methods and techniques for teaching a variety of gymnastic activities, including tumbling and apparatus. S

P E 211 Physical Education Methods/Elementary 1 credit. A study of subject content of the physical education program with emphasis on methods and materials to be used by the teacher. F, S, Su

P E 221 History and Philosophy of Physical Education 2 credits. Study of the historical development and philosophy of Physical Education. Also includes current practices and projected trends in the Physical Education profession. F, S

P E 231 Activity Laboratory - Field and Court 1 credit. Laboratory enhanced skills in activities such as soccer and volleyball. PREREQ: PEAC 130, OR PEAC 131, OR PEAC 133; PEAC 142A OR PEAC 142B; PEAC 151A OR PEAC 151B; PEAC 170A OR PEAC 170B. F

P E 232 Activity Laboratory - Outdoor Skills 1 credit. Laboratory enhanced skills in activities such as map/compass, hiking, and skiing. PREREQ: PEAC 130, OR PEAC 131, OR PEAC 133; PEAC 142A OR PEAC 142B; PEAC 151A OR PEAC 151B; PEAC 170A OR 170B. F

P E 233 Activity Laboratory - Individual and Recreational 1 credit. Laboratory enhanced skills in activities such as pickleball and badminton. PREREQ: PEAC 130, OR PEAC 131, OR PEAC 133; PEAC 142A OR PEAC 142B; PEAC 151A OR PEAC 151B; PEAC 170A OR 170B. S

P E 234 Activity Laboratory - Dance 1 credit. Laboratory enhanced skills in creative, folk, square, and ballroom dance. PREREQ: PEAC 130, OR PEAC 131, OR PEAC 133; PEAC 142A OR PEAC 142B; PEAC 151A OR PEAC 152B; PEAC 170A OR PEAC 170B. S

P E 241 Sports Officiating 1 credit. Proper instruction for game officials and coaches including knowledge of rules, mechanisms of officiating, and game administration. May be repeated to four credits. D

P E 243 Anatomical Foundations of Human Activity 2 credits. Study of human body structure including the neuromuscular, skeletal, circulatory, respiratory, digestive, endocrine, reproductive, and organ systems. Course is designed for health and physical education students. F, S

PE 247 Dance Production 1-2 credits. Students design and participate in producing a formal dance production. Opportunities to choreograph; perform; and assist in costuming, lighting, set decoration. May be repeated for a maximum of 8 credits. PREREQ: PE 147. S

P E 259 Lifeguarding 2 credits. Designed to provide a fundamental knowledge and practical application of principles involving lifesaving

techniques in an aquatic environment. Academic course work and pool activity is required of all students. F, S

P E 260 Methods of Dance for Children 2 credits. Study of a variety of dance activities suitable for early childhood through grade 6. Students plan and teach dance to children. Interdisciplinary approaches to incorporate dance into an educational setting are used. F

P E 270 Motor Learning 1 credits. A review of basic processes and concepts of learning in the psychomotor domain. S

P E 292 Leadership Practicum 1 credit. Students develop, implement, and evaluate an individual program of professional leadership activities. May be repeated up to two credits. F, S

P E 300 Movement Theory 2 credits. Introduces the student to the science of developmental human movement; including fundamental concepts of movement behavior presented in a bio-social context. F

P E 301 Physiology of Exercise 4 credits. Theoretical and applied study of the effects of physical work and exercise on physiological processes of the human body. Lecture and laboratory. PREREQ: P E 243 OR BIOS g301 AND BIOS g302. F

P E 302 Human Kinesiology 4 credits. The anatomical and mechanical principles involved in human movement. Special emphasis includes qualitative analysis of physical education and sport activities. Lecture and laboratory. PREREQ: P E 243 OR BIOS g301 AND BIOS g302. S

P E 307 Outdoor Leadership 2 credits. Designed to provide students with the knowledge to organize and lead outdoor activities. Includes leadership styles, liability, program promotion, planning, safety, and environmental impact. Practical experiences are included. S

P E 312 Practical Applications of Coaching Baseball/Softball 2 credits. Essential elements of coaching baseball and softball. Emphasis on application and practice in the educational setting. D

P E 313 Practical Applications of Coaching Basketball 2 credits. Essential elements of coaching basketball. Emphasis on application and practice in the educational setting. F

P E 314 Practical Applications of Coaching Football 2 credits. Essential elements of coaching football. Emphasis on application and practice in the educational setting. S

P E 315 Practical Applications of Coaching Soccer 2 credits. Essential elements of coaching soccer. Emphasis on application and practice in the educational setting. D

P E 316 Practical Applications of Coaching Tennis 2 credits. Essential elements of coaching tennis. Emphasis on application and practice in the educational setting. D

P E 317 Practical Applications of Coaching Track and Field 2 credits. Essential elements of coaching track and field. Emphasis on application and practice in the educational setting. S

P E 318 Practical Applications of Coaching Volleyball 2 credits. Essential elements of coaching volleyball. Emphasis on application and practice in the educational setting. S

P E 319 Practical Applications of Coaching Wrestling 2 credits. Essential elements of coaching wrestling. Emphasis on application and practice in the educational setting. D

P E 322 Psychology of Sport 3 credits. Study of theoretical and applied psychological parameters in sport settings. Specific topics include the coach-athlete relationship and issues in sport performance. Also includes motivation, leadership, communication, ethics, and intervention strategies. F, S

P E 357 Physical Education for Elementary Schools 2 credits. Study of the activity interests of children and appropriate materials for different age levels, selection of materials, and methods of presentation. S

P E 358 Water Safety Instructor's course 3 credits. Techniques of teaching swimming, diving, and community water safety skills including small craft safety. Emphasis on skill progressions and planning/organizing courses. American Red Cross certificate awarded if examination is passed. S

P E 362 Tests and Measurements in Physical Education 2 credits. Study of constructive practical and written tests applicable to physical education. Study of the theory of practice of test administration, brief study of statistical methods and measurements in physical education. F, S

P E 367 Methods and Techniques of Dance 3 credits. Study of methods and materials utilized in teaching various dance forms. Practical experience in developing basic skills in various dance forms such as ballet, creative, tap, folk, square, and social dance. F

P E 380 Field Experience 1 credit. Orientation, observation, planning and supervised experience exposes the student to activity instruction under the direction of a major advisor. F, S

P E g397 Professional Education Development 1-3 credits. A course for the practicing educator aimed at the development and improvement of educational skills. Various sections will have different subtitles. A maximum of 10 credits may be applied to fifth year program. Graded S/U. D

P E 401 Issues in Dance 2 credits. A study of current issues and trends in dance. Typical topics include philosophical issues, costume, makeup, lighting for performance, injury prevention, and research. S

P E 431 Choreography 3 credits. Explore various methods, techniques, and processes used to create movement studies and dance pieces. Students design and present choreography created for an individual and for a group. Modern (creative) dance is the main form used. S

P E 437 Methods of Teaching Physical Education 2 credits. Designed to prepare the student for teaching physical education activities. Emphasis on a variety of teaching methods and their application to all skill levels. F, S

P E g465 Organization and Administration of Intramural Sports 2 credits. Study of various methods of organizing and administering intramural sports programs on the junior high school, high school, and college level. D

P E g470 Care and Prevention of Athletic Injuries 2 credits. Prevention, cause and care of athletic injuries. Emphasis on the role of the coach relative to responsibility and resultant liability. F, S

P E g475 Management of Physical Education Programs 3 credits. Study of the management procedures in conducting physical education programs. Special emphasis in secondary curriculum. F, S

P E g480 Coaching Problems 2 credits. Athletic control, eligibility, new coaching techniques, finances, safety measures, public relations, duties of coaches, managers, and officials. May be repeated once for additional credit. F, S, Su

P E g481 Coaching Clinic 1 credit. Idaho State University is a sponsor of the annual Idaho Coaches Association Clinic held during the first week of August. Instruction offered in football, basketball, and other sports by coaches of national reputation. Total cost of registration at the clinic, board, room, and privileges for the full period of the clinic will be about \$50. An extra fee will be charged for those who register at the clinic for credit. May be repeated up to 6 credits. Graded S/U. Credits will not be acceptable for degree completion requirements/electives. D

P E g485 Independent Problems in Physical Education 1-3 credits. Individual work under staff guidance. Field and/or library study on specific physical education problems of interest to majors and minors. May be repeated up to 6 credits. PREREQ: PERMISSION OF INSTRUCTOR. F, S, Su

P E 490 Practicum-Physical Education 8-16 credits. Practical experience in a field based setting, congruent with student's employment goals. May require multiple experiences in a variety of settings outside K-12 school settings. F, S, Su

P E g491 Physical Education Workshop 1-3 credits. Critical analysis of one or more areas of physical education. May be repeated up to 6 credits. PREREQ: PERMISSION OF INSTRUCTOR. F, S

P E g494 Special Physical Activity 3 credits. Surveys history, philosophy, and the teaching/learning process in providing special physical activity for all individuals in schools and community-based settings. Includes clinical experiences. S

P E 495 Physical Education: Student Teaching 7-14 credits. Observation and teaching under supervision in approved physical education programs with the opportunity to assume direct responsibility for the learning activities of secondary level students. PREREQ: ADMISSION TO TEACHER EDUCATION PROGRAM AND APPROVED APPLICATION FOR STUDENT TEACHING. Graded S/U. F, S