

'97 - '98

BOISE  
STATE  
UNIVERSITY

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G R A D U A T E

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CATALOG

## Message from the President

To all prospective and continuing graduate students, welcome to Boise State University.

BSU is a resource for the future, both for the State of Idaho and for you, the students, who enroll in its programs. Graduate education at BSU is the essence of vitality, intellectual stimulation, and the excitement of expanding your own talents and abilities.

Boise State is the home of internationally recognized scholars and research activities, award-winning teaching faculty, championship athletic teams, and a student body that is growing in numbers, diversification, and international scope.

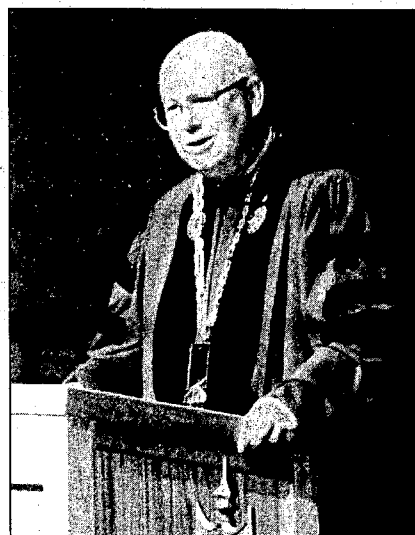
The campus, bordered by the Boise River greenbelt, is beautifully maintained and provides a relaxed creative environment to promote your personal and intellectual growth. The campus is located within the largest metropolitan area of Idaho and attracts more than one million people annually to its cultural, entertainment, and sporting events.

I am pleased that you are considering or have chosen to join our university community.

My very best wishes for your success.



Charles P. Ruch  
President





# Graduate Catalog

Boise State University



1997-1998



## POLICY STATEMENT CONCERNING CATALOG CONTENTS

The purpose of the Boise State Catalog is to provide current and accurate information about Boise State University for guidance of prospective students, for faculty and administrative officers, for students currently enrolled, and for other education or allied agencies.

Catalogs, bulletins, course and fee schedules, etc., are not to be considered as binding contracts between Boise State University and students. The university and its divisions reserve the right at any time, without advance notice, to: (a) withdraw or cancel classes, courses, and programs; (b) change fee schedules; (c) change the academic calendar; (d) change admission and registration requirements; (e) change the regulations and requirements governing instruction in, and graduation from, the university and its various divisions; and (f) change any other regulations affecting students. Changes shall go into force whenever the proper authorities so determine, and shall apply not only to prospective students but also to those who are matriculated at the time in the university. When economic and other conditions permit, the university tries to provide advance notice of such changes. In particular, when an instructional program is to be withdrawn, the university will make every reasonable effort to ensure that students who are within two years of completing the graduation requirements, and who are making normal progress toward the completion of those requirements, will have the opportunity to complete the program which is to be withdrawn.

It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, sex, creed, age or handicap in accordance with Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972. Sections 799A and 845 of the Public Health Act, and Sections 503 and 504 of the Rehabilitation Act of 1973, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.

**Note:** The courses contained in this catalog do not preclude or limit the university in its offerings for any semester or session nor do they restrict the university to the time block (semester) represented by the approved academic calendar.

Boise State University attempts to respond to the educational needs and wants of any and all students when expressed. Requests for courses to be offered whenever they are desired will be favorably received providing that a minimum of 12 qualified students enroll in the class and a competent faculty member is available to teach the course.



**RETURN TO: Graduate Admissions Office, Boise State University, Math/Geoscience 141, 1910 University Drive, Boise, ID 83725.  
Telephone (208) 385-3903 or 385-4204. Toll-free in Idaho 1-800-632-6586. Toll-free nationwide 1-800-824-7017.**

# Boise State University Graduate Admission Application

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## DEGREE OBJECTIVES

### DEGREE SEEKING GRADUATE

- ☐ Doctor of Education
- ☐ MS in Accountancy
  - ☐ Taxation
- ☐ MA/MS in Biology
- ☐ Master of Business Administration
- ☐ MA in Communication
- MA in Education
  - ☐ Art
  - ☐ Curriculum & Instruction or Curriculum & Instruction
    - ☐ Bilingual Education Option
    - ☐ ESL Option
    - ☐ Secondary Certification Option (Emphasis \_\_\_\_\_)
  - ☐ Early Childhood
  - ☐ Reading
  - ☐ Special Education

- MS in Education
  - ☐ Earth Science
  - ☐ Educational Technology

- ☐ MA in English
- ☐ MS in Exercise & Sport Studies
- ☐ Master of Fine Arts, Visual Arts
- ☐ MS in Geology
- ☐ MS in Geophysics
- ☐ Master of Health Science
- ☐ MA in History

- ☐ MS in Instructional & Performance Technology
- ☐ MA/MS in Interdisciplinary Studies
- Master of Music
  - ☐ Education
  - ☐ Pedagogy
  - ☐ Performance
- ☐ Master of Physical Education, Athletic Administration (ISU)
- ☐ Master of Public Administration
- ☐ MS in Raptor Biology (**Fall admission only**)
- ☐ MA in School Counseling (**Fall admission only**)
- ☐ Master of Social Work (**Summer or Fall admission only**)
- ☐ MA in Technical Communication

### NON DEGREE SEEKING GRADUATE

- ☐ General Graduate study (Non-education courses)
- ☐ General Graduate study (Education courses)

### NON-GRADUATE STUDY

- Teacher Certification
  - ☐ Elementary
  - ☐ Secondary (Emphasis \_\_\_\_\_)
  - ☐ Endorsement
  - ☐ State checklist
- ☐ Second Undergraduate Degree (Major \_\_\_\_\_)
- ☐ Undergraduate Courses of Interest

Equal Opportunity/Affirmative Action Institution



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# Boise State University Academic Calendar — 1997-1998

## Summer Session 1997

For registration information, see the *Summer BSU Directory of Classes*

April 25, Friday

**Last day to submit "Admission to Candidacy" form to the Graduate Admissions Office for master's or doctoral degree to be awarded in August or December 1997.**

May 9, Friday

Last day to mail 1996-97 "Free Application for Federal Student Aid" (FAFSA) for consideration for financial aid for 1996-97 (including summer 1997).

May 19, Monday

Classes begin for M.B.A. program.

May 23, Friday

**Fee payment deadline for summer session.**

June 2, Monday

Classes begin for 8-week, 10-week and first 5-week sessions (for refund information, see *BSU Summer Bulletin*).

June 6, Friday

**Last day to submit "Application for Graduate Degree" for master's or doctoral diploma - Graduate Admissions Office.**

July 3, Thursday

First 5-week session ends.

July 4, Friday

Independence Day Holiday (school closed).

July 7, Monday

Classes begin for second 5-week session.

July 18, Friday

**Last day for final oral, project, thesis, or dissertation defense.**

July 25, Friday

End of 8-week session.

July 25, Friday

**Last day to submit final signed copies (2) of master's project or thesis, or dissertation to Graduate Dean's Office.**

August 8, Friday

End of 10-week session and second 5-week session.

## Fall Semester 1997

For registration information, see the *Fall BSU Directory of Classes*.

February 3, Monday

Last recommended date to mail the "Free Application for Federal Student Aid" (FAFSA) to be considered for 1997-98 need-based scholarships. (The FAFSA is processed by a federal agency and must be received by the BSU Financial Aid Office by March 3.)

February 3, Monday

Processing of admission applications begins for fall semester 1997.

March 3, Monday

Date by which BSU Scholarship Application must be received in the Financial Aid Office to be considered for 1997-98 merit and need-based scholarships.

March 3, Monday

Last recommended date to mail the "Free Application for Federal Student Aid" (FAFSA) and supporting documents for best chance of receiving 1997-98 grants, work-study, loans and waivers of non-resident tuition. Students applying after this date may not have financial aid available in time to assist with fall fee payment. The FAFSA is processed by a federal agency and must be received by the BSU Financial Aid Office by April 1.

April 1, Tuesday

Date by which all materials must be received in the Financial Aid Office for best chance of receiving 1997-98 grants, work-study, loans and waivers of non-resident tuition. Students whose application materials are received after this date may not have financial aid available in time for fall fee payment.

April 25, Friday

**Last day to submit "Admission to Candidacy" form to the Graduate Admissions Office for master's or doctoral degree to be awarded in August or December 1997.**

July 1, Tuesday

Last day for all foreign student application materials to be received for fall semester consideration.

July 15, Tuesday

Bills will be mailed to students registered for fall semester.

July 23, Wednesday

**Last day for graduate students to submit applications, transcripts and other materials to the Graduate Admissions Office for fall semester. Applications received after this date might not be processed in time to admit students to degree or certification programs.**

August 8, Friday

Last day to register or drop/add for fall semester 1997 prior to fee payment deadline.

August 11-19 Monday-Tuesday

No registration or drop/add services during this period.

August 14, Thursday

Fee payment deadline for registered students. Payment must be received by 5:00 p.m. Payment not received by deadline will result in course cancellation.

August 15, Friday

Cashier Office and Deferred Fee Office closed.

August 18-19 Monday-Tuesday

Faculty orientation and meetings.

August 20, Wednesday

Drop/add for registered and paid students.

August 21, Thursday

Registration for fall semester 1997 reopens, drop/add continues.

August 21, Thursday

Residence Halls open.

August 25, Monday

Classes begin.

August 29, Friday

Last day for 100% refund for dropping a class or withdrawing from the University (minus \$25 administrative fee).

August 29, Friday

Last day for faculty initiated drops for nonattendance during the first week of the semester to be turned into the Registrar's Office.

August 29, Friday

**Last day to file Application for Graduate Degree for master's or doctoral diploma for December graduation - Graduate Admissions Office.**

August 30, Saturday

Saturday classes begin.

September 1, Monday

Labor Day holiday (school closed).

September 2, Monday

Instruction permission required to register or add classes.

September 8, Tuesday

**Last day to register. Last day to add a class. Last day for refund for dropping a class or withdrawing from the University. Last day to drop a class without a "W" appearing on the transcript.**

September 12, Friday

**Last day to make changes for first 8-week block (August 25-October 17).**

October 3, Friday

**Last day to drop classes. Last day for complete withdrawal. Last day to add internship, directed research, or practicum.**

October 10, Friday

**Last day to file application with department for final master's or doctoral written exam.**

October 14, Tuesday

Columbus Day (school in session).

October 20, Monday

Second 8-week block begins.

October 31-November -26

Advising for continuing students for spring semester 1998.

October 31, Friday

**Last day to make class changes for second 8-week block (October 20-December 9).**

November 1, Saturday

**Final day for written exam for master's or doctoral degree.**

November 3-26

Registration for continuing students for spring semester 1998.

November 11, Tuesday

Veterans Day (school in session).

November 12, Wednesday

**Last day for final oral, project, thesis, or dissertation defense for December graduation.**

November 27-30

Thanksgiving Holiday (school closed).

Thursday-Sunday

December 1, Monday

Classes resume.

November 27, Wednesday

**Last day for graduate students to submit applications, transcripts and other materials to the Graduate Admissions Office for spring semester. Applications received after this date may not be processed in time to admit students to degree programs.**

December 1, Monday

**Last day to submit "Admission to Candidacy" form to the Graduate Admissions Office for master's or doctoral degree to be awarded in May, 1998.**

December 5, Friday

**Last day to submit final signed copies (2) of master's project or thesis, or dissertation to Graduate Dean's Office.**

December 9, Tuesday

Classroom instruction ends.

December 10, Wednesday

Reading/preparation day.

December 11-12, 15-16

Final semester examinations (exam schedule listed in the Fall BSU Directory of Classes).

Thursday-Friday and Monday-Tuesday

December 17, Wednesday

Residence halls close.

December 19, Friday

Grade reports due to Registrar by noon.



## Spring Semester 1998

**For registration information, see Spring BSU Directory of Classes.**

November 17, Monday  
November 26, Wednesday

December 1-9  
December 1, Monday

December 9, Tuesday  
December 12, Friday  
December 15-January 13  
January 8, Thursday

January 12, Monday  
January 14, Wednesday  
January 15, Thursday  
January 17, Saturday  
January 19, Monday  
January 20, Tuesday  
January 23, Friday

January 24, Saturday  
January 26, Monday  
January 26, Monday  
January 27, Tuesday  
February 2, Monday

February 2, Monday

February 3, Monday  
February 6, Friday  
February 16, Monday  
February 27, Friday  
March 2, Monday  
March 2, Monday

March 13, Friday  
March 16, Monday  
March 23-29, Monday-Sunday  
March 30, Monday  
April 1, Wednesday

April 3-May 1  
April 6-May 1  
April 10, Friday  
April 11, Saturday  
April 17, Friday  
April 24, Friday

May 1, Friday  
May 8, Friday  
May 11-15 Monday-Friday  
May 16, Saturday  
May 16, Saturday  
May 19, Tuesday

Last day for all foreign student application materials to be received for spring semester consideration.

**Last day for graduate students to submit applications, transcripts and other materials to the Graduate Admissions Office for spring semester. Applications received after this date might not be processed in time to admit students to degree programs.**

Advising and registration for new and returning students for spring semester 1997-98.

**Last day to submit "Admission to Candidacy" form to the Graduate Admissions Office for master's or doctoral degree to be awarded in May 1998.**

Bills will be mailed to students registered for spring semester 1998.

Last day to register or drop/add for spring semester 1998 prior to fee payment deadline.

No registration or drop/add services during this period.

**Fee payment deadline for registered students. Payment must be received by 5:00 p.m. If you miss this deadline your registration will be canceled.**

Faculty meetings.

Drop/add for registered and paid students.

Registration for spring semester 1998 reopens, drop/add continues.

Residence halls open.

Dr. Martin Luther King, Jr./Idaho Human Rights Day Holiday (school closed).

Classes begin.

**Last day to submit "Application for Graduate Degree" form for master's or doctoral diploma for May graduation - Graduate Admissions Office.**

Saturday classes begin.

**Last day for 100% refund for dropping a class or withdrawing from the University minus \$25 administrative fee).**

Last day for faculty initiated drops for nonattendance during the first week of the semester to be turned into the Registrar's Office.

Instructor permission required to register or to add classes.

Last day to register or add classes. Last day for refund for dropping a class or withdrawing from the University. Last day to drop a class without a "W" appearing on the transcript.

Last recommended date to mail the "Free Application for Federal Student Aid" (FAFSA) to be considered for 1997-98 need-based scholarships. (The FAFSA is processed by a federal agency and must be received by the BSU Financial Aid Office by March 2.)

Processing of admission applications begins for fall semester 1998.

**Last day to make class changes for first 8-week block (January 20-March 13).**

Presidents Day Holiday (school closed).

**Last day to drop classes. Last day for complete withdrawal. Last day to add internship, directed research, or practicum.**

Date by which "BSU Scholarship Application" must be received by the Financial Aid Office to be considered for 1998-99 merit and need-based scholarships.

Last recommended date to mail the "Free Application for Federal Student Aid" (FAFSA) and supporting documents for best chance of receiving 1997-98 grants, work study, loans and waivers of non-resident tuition. (The FAFSA is processed by a federal agency and must be received by the BSU Financial Aid Office by April 1.) Students applying after this date may not have financial aid available in time to assist with fall semester fee payment.

Last day to file application with department for final master's or doctoral written exam.

Second 8-week block begins.

Spring vacation.

Classes resume.

Date by which all materials must be received by the Financial Aid Office for best chance of receiving 1998-99 grants, work study, loans and waivers of non-resident tuition. Students whose application materials are received after this date may not have financial aid available in time to assist with fall fee payment.

Advising for continuing students for summer/fall 1998.

Registration for continuing students for summer/fall 1998.

Last day to make class changes for second 8-week block (March 16-May 8).

**Final day for written exam for master's or doctoral degree.**

**Last day for final oral, project, thesis, or dissertation defense for May graduation.**

**Last day to submit "Admission to Candidacy" form to Graduate Admissions Office for master's or doctoral degree to be awarded in August or December, 1998.**

**Last day to submit final signed copies (2) of master's project or thesis, or dissertation to Graduate Dean's Office for May graduation.**

Classroom instruction ends.

Final semester examinations (exam schedule listed in Spring BSU Directory of Classes).

Residence halls close.

Commencement.

Grade reports due to Registrar by noon.

## Summer Session 1998

**For registration information, see Summer BSU Directory of Classes**

April 24, Friday

May 5, Tuesday  
May 19, Monday  
May 22 Friday  
June 1, Monday  
June 5, Friday

June 5, Friday

July 2, Thursday  
July 3, Friday  
July 6, Monday  
July 17, Friday  
July 24, Friday  
July 24, Friday  
August 7, Friday

**Last day to submit "Admission to Candidacy" form to Graduate Admissions Office for master's or doctoral degree to be awarded in August or December, 1998.**

Last day to mail 1997-98 "Free Application for Federal Student Aid" (FAFSA) for consideration for financial aid for 1997-98 (including summer 1998).

Classes begin for M.B.A. program.

**Fee payment deadline for summer session.**

Classes begin for 8-week, 10-week and first 5-week sessions (for refund information, see Summer BSU Directory of Classes).

**Last day to submit "Application for Graduate Degree" form with Graduate Admissions for graduate diploma to be awarded August, 1998.**

Last day to submit institutional summer financial aid application. Date by which the 1997-98 "Free Application for Federal Student Aid" (FAFSA) must be received in the BSU Financial Aid Office to be considered for summer financial aid.

First 5-week session ends.

Independence Day Holiday (school closed).

Classes begin for second 5-week session.

**Last day for final oral, project, thesis, or dissertation defense.**

End of 8-week session.

**Last day to submit final signed copies (2) of master's project or thesis or dissertation to Graduate Dean's Office.**

End of 10-week session and second 5 week session.

## Administrative Information

### Information Resources

**Mailing Address**, Boise State University,  
1910 University Drive, Boise, Idaho 83725

**General Information** 208 385-1011

**Toll-free in Idaho** 800-632-6586

**Toll-free nationwide** 800-824-7017

**Home Page** <http://www.idbsu.edu>

**BSU Bookstore**, Student Union Building, 208 385-1559

**Career Center**, 2065 University Drive, 208 385-1747

**Cashier/Business Office**, Administration Building,  
Room 211, 208 385-1212/3699

**Cashier/Housing**, Administration Building, Room 213,  
208 385-1594

**Continuing Education and Summer Sessions**, Library,  
West Entrance, Room 104, 208 385-3706

**Counseling and Testing Center**, Education Building,  
Room 605, 208 385-1601

**Financial Aid**, Administration Building, Room 117,  
208 385-1664

**Graduate Admissions**, Math/Geosciences Building,  
Room 141, 208 385-3903/4204

**Dean, Graduate College and Research**, Math/  
Geosciences Building, Room 140, 208 385-3647

**New Student Information Center**, Student Union Building,  
Northeast Entrance, 208 385-1820

**Registrar**, Administration Building, Room 102-110,  
208 385-3486

**Student Health Services**, 2103 University Drive,  
208 385-1459

**Student Residential Life**, Administration Building,  
Room 214, 208 385-3986

**Dean of Student Special Services**, Administration  
Building, Room 114, 208 385-1583/1679

### State Board of Education

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### Boise State University Administration

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208 385-4421

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Dean, College of Engineering 208 385-3764

Dean, College of Applied Technology 208 385-1508



## Introduction

This catalog describes Boise State University's student policies, services, graduate degree programs, admission requirements, graduation requirements, and other topics of interest to graduate students. Additional information may be found in the brochures, newsletters, fliers, and other materials produced by departments offering graduate programs; to request such information, contact the department chair or the coordinator of the graduate program that interests you.

In addition, you will find much useful information in the *BSU Student Handbook*, which contains:

- Directory of campus offices
- Academic calendar
- Complete descriptions of services for students
- Information about campus organizations and recreation
- Student policies and procedures

You should consult, as well, the *BSU Directory of Classes*, which contains:

- Courses offered for the current semester
- Academic calendar and final examination schedule
- Fee schedules and refund policies
- Instructions relating to academic advising, registration procedures, and academic regulations

Changes made to this catalog since publication will be reflected in the online catalog found at <http://www.idbsu.edu/gradcoll>.

## System for Numbering Courses

Only courses numbered 500 or higher carry graduate credit, while courses numbered 600 and higher carry graduate credit at the doctoral level. Graduate students may earn graduate credit in courses numbered at the 300 or 400 level. BSU designates such courses with a "G", as in *E-402G, Advanced Technical Communication*. Finally, in a course designated with a "G," any student enrolled for graduate credit is required to complete extra work, beyond that required of students taking the course for undergraduate credit.

**NOTE:** Your department has the right to limit the number of "G" credits you can count toward a degree offered within the department. In any event, no more than one-third of the credits used to fulfill graduation requirements for a graduate degree program may be in courses at the 300G or 400G level.

Following the number and title of a course is the course code, consisting of three numbers set inside parenthesis, with each number separated from the others with hyphen, as in (3-0-3). The course code specifies how many:

- classroom hours the course requires each week
- laboratory hours, studio hours, field hours, or other special hours the course requires each week

- credits a student earns after successfully completing the course

The following list shows some typical variations of the basic course code:

(3-0-3)

A course requiring three classroom hours (3), with no lab, studio, or other special hours (0), carrying three credits (3).

(3-4-5)

A course requiring three classroom hours and four laboratory or studio hours, carrying five credits.

(0-4-0)

Laboratory hours, with no classroom hours or credits (usually linked to another course that requires the laboratory).

(0-2-1)

No classroom hours, but instead two hours per week of studio art or perhaps a fitness activity, carrying one credit.

In addition to the classroom hours, lab hours, and credits, the course code may also specify the academic period in which the course is offered. The following list illustrates these conventions:

(F) Offered only during fall semester.

(S) Offered only during spring semester.

(F,S) Offered during both fall semester and spring semester.

(F/S) Sometimes offered only during fall semester, or only during spring semester, or during both fall and spring.

(F,SU) Offered only during fall semester and summer session.

(S,SU) Offered only during spring semester and summer session.

If none of these indicators appears alongside the code, then the course is offered during fall semester, spring semester, and summer session.

Entries in this catalog may consist of two course numbers with a hyphen in between; the hyphen signifies that the first course is a prerequisite to the second. However, if a comma appears between the two course numbers, then either course may be taken independently of the other.

Other authorized abbreviations are:

**PREREQ:** Prerequisite: You must take Course A before you may take Course B.

**COREQ:** Corequisite: You must take both Course A and Course B concurrently.

**PERM/INST:** You must have the instructor's permission to take the course.

**PERM/CHAIR:** You must have the department chair's permission to take the course (or the permission of the chair's representative).



### University Wide Course Numbers

The following numbers are the same for all graduate programs. These courses may be offered for variable credit. Your supervising professor or committee will determine which credits may apply to your graduate program.

**580-589 SELECTED TOPICS** Subjects normally offered and studied in one department can be divided into no more than 10 areas. Each area will be assigned one number of the 580-589 group. Although the topics considered in the courses in any one area may vary from semester to semester, repeated use of any one number implies that the topics continue to be selected from the same area.

**590 PRACTICUM/INTERNSHIP** To earn graduate credit you must have a 3.00 cumulative GPA and no more than 12 credits may be applied toward a graduate degree or second undergraduate degree. Some graduate programs, however, accept only 3 internship credits. Practicum/Internship cannot be repeated to improve a grade.

**591 PROJECT** Graded A through F or Pass/Fail.

**592 COLLOQUIUM**

**593 THESIS** Graded A through F or Pass/Fail.

**594 EXTENDED CONFERENCE OR WORKSHOP** Graded A through F or Pass/Fail.

**595 READINGS AND CONFERENCE**

**596 DIRECTED RESEARCH** Masters' programs may include directed research credits at the discretion of the your supervising professor or graduate committee. You may earn a maximum of 9 credit hours with no more than 6 in a given semester or session.

**597 SPECIAL TOPICS** These are courses on topics of timely, special or unusual interest not contained in the regular catalog courses of a graduate program. Descriptions for these courses are given in the Directory of Classes published each semester.

**598 SEMINAR**

**599 SHORT TERM CONFERENCE OR WORKSHOP** Graded A through F or Pass/Fail. Generally the 599 number is used for courses meeting 3 weeks or less and the 594 for courses meeting more than 3 weeks. The decision, however, is made by the department or school offering the course.

**693 DISSERTATION** Graded A through F or Pass/Fail.

## Boise

Boise—Idaho's state capital and center of business—is the largest metropolitan center between Portland, Oregon, and Salt Lake City, Utah. Set against a backdrop of the Rocky Mountain foothills, Boise is one of the most attractive and enjoyable cities in the nation. A growing city of more than 154,000 people, Boise enjoys a varied economy based on high technology, agricultural products, tourism, government agencies, and manufacturing.

Known as the City of Trees, Boise is located in a land of infinite variety. To the south are rich farmlands, a rugged high mountain desert, North America's tallest sand dunes and the famous Birds of Prey Natural Area. To the north, forests, whitewater rivers and mountain lakes provide opportunities for kayaking, fishing, hunting and hiking. Bogus Basin ski resort is just 16 miles from the BSU campus, and world-famous Sun Valley is less than three hours away.

The Boise Greenbelt, a 19-mile network of city parks and riverside paths, runs through the campus. Three city parks are within walking distance of BSU, and a footbridge spans the Boise River, linking the campus to Julia Davis Park, where the Boise Art Museum, Idaho State Historical Museum, and Zoo Boise are located. An array of outdoor activities—fishing, hiking, skiing, river rafting, golf, tennis, camping—are available only a short distance from campus.

The city and campus offer many cultural opportunities, such as the Boise Philharmonic, Ballet Idaho, Boise Civic Opera, Idaho Shakespeare Festival, SummerFest, and a variety of other theatrical and musical productions. Touring artists frequently perform in the Morrison Center and Pavilion, both on the BSU campus. In addition, a variety of national sporting events are held at the BSU Pavilion.

## The University's Mission

Boise State University exists to educate people. Our goal is to foster an intellectual atmosphere that produces educated, literate people—people knowledgeable of public affairs, committed to life-long learning, and capable of creative problem solving. As a student at BSU, you have an opportunity to receive an education that will prepare you not only for employment and career advancement, but also for participation in society as an active, informed citizen.

Since its inception, the university has responded to the wide-ranging academic needs of the community, serving Boise and the surrounding area with undergraduate and graduate programs, research, and public service. An urban university, BSU reflects the character and spirit of Boise—Idaho's center of business and government. In fact, to ensure that BSU's mission takes its cue from the university's urban setting, the Idaho State Board of Education has mandated that we place primary emphasis on education in the following areas:

- business and economics
- social sciences
- public affairs
- performing arts
- education
- interdisciplinary studies
- technology

At the same time, the university places continuing emphasis on the health professions and the physical and biological sciences related to the health professions, while maintaining basic strengths in the sciences and liberal arts.

## The University's History

In 1932, the Episcopal Church founded Boise Junior College, the first post-secondary school in Idaho's capital. When the Episcopal Church discontinued its sponsorship in 1934, Boise Junior College became a nonprofit, private corporation, sponsored by the Boise Chamber of Commerce and by the community. In 1939, the State Legislature created a junior-college taxing district to fund the college through local property taxes. By the end of the 1930s, Boise Junior College boasted an enrollment of 600 students. Originally located at St. Margaret's Hall, near the present site of St. Luke's Regional Medical Center, the school was moved in 1940 to its present location alongside the Boise River. In 1965, Boise Junior College became a four-year institution and was renamed Boise College. In 1969, the school was brought into the state system of higher education and the Graduate College was established. In 1971, two master's programs were approved; the Master of Business Administration and the Master of Arts in Elementary Education. In 1974, Boise State College became Boise State University, and in the following year the university established the Master of Public Administration. That same year, the Master of Arts in Education program was expanded to include options in secondary education.

The University now has 23 master's programs with 14 areas of emphasis and its first doctoral program, the Doctor of Education in Curriculum and Instruction (1994). Graduate student enrollment continues to increase steadily and currently more than 4,100 students are enrolled through the Graduate College.

During its 63-year history, BSU has operated under the leadership of five presidents:

- Bishop Middleton Barnwell (1932-34)
- Eugene B. Chaffee (1934-67)
- John B. Barnes (1967-77)
- John H. Keiser (1978-1991)
- Charles P. Ruch (1993-present)

## Accreditation

The university is a fully accredited member of the Northwest Association of Schools and Colleges and holds permanent

# An Introduction to Boise State University

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membership on the College Entrance Examination Board and in the College Scholarship Service Assembly. Many of BSU's academic programs have special accreditation or endorsement from one or more of the following organizations:

- American Assembly of Collegiate Schools of Business
- American Chemical Society
- American Council for Construction Education
- American Dental Association Commission on Dental Accreditation
- Commission on Accreditation of Allied Health Education Programs
- Computing Science Accreditation Commission
- Council on Social Work Education
- Idaho State Board of Nursing
- International Association of Counseling Services
- Joint Review Committee on Education in Radiologic Technology
- Joint Review Committee on Respiratory Therapy Education
- National Association of Schools of Music
- National Association of Schools of Public Affairs and Administration
- National Association of Schools of Theater
- National Association of State Directors of Teacher Education and Certification
- National Athletic Trainers Association, Inc.
- National Council for Accreditation of Teacher Education
- National League for Nursing

## Students and Faculty

Each semester, BSU enrolls more than 15,000 students in its academic and applied technology programs. Students come to BSU from every county in Idaho, from nearly every state in the nation, and from numerous foreign countries. The university's urban setting both attracts and complements this diverse student body, which includes many nontraditional students as well as traditional students enrolling directly from high school.

Because Boise is the commercial, financial, health care, and governmental center of Idaho, as a BSU student you can reach beyond the classroom for experiences unavailable elsewhere in the state. For instance, you can enhance classroom learning and gain valuable work experience by serving as an intern with the State Legislature, government agencies, or private business and industry. In addition, you can attend a wide variety of civic, cultural, and social events hosted by BSU.

You will find that the university attracts faculty who are dedicated to excellence in teaching, creative in generating new knowledge, and generous in using their expertise to solve society's problems. Moreover, the faculty at BSU recognize that high-quality teaching is their primary goal, giving you the opportunity to work with some of the West's most respected scientists, artists, researchers, and educators.

The Graduate Faculty consists of full-time faculty members approved by the Graduate Council to teach graduate-level

courses, supervise graduate students, and participate in conducting graduate programs. Some part-time faculty members are appointed as members of the Adjunct Graduate Faculty; they are approved by the Graduate Council to teach graduate courses or serve on graduate committees. Of the 457 individuals who make up the Graduate Faculty, 97% possess a terminal degree.

In addition to helping students learn, BSU faculty assist business, industry, educational institutions, government agencies, and professional groups with educational programs and research-and-development efforts. The university also assists organizations in upgrading the knowledge and skills of employees.

## A Tour of the Campus

BSU's 113-acre main campus is bordered to the north by the Boise River, to the south by University Drive, to the east by Broadway Avenue, and to the west by Ann Morrison Park. Step across the footbridge spanning the Boise River, and you are in the open green space of Julia Davis Park, home to the Idaho Historical Museum, the Boise Art Museum, and Zoo Boise. Just a few minutes' walk from campus is downtown Boise, where you will find inviting shops, fine restaurants, and vibrant nightlife.

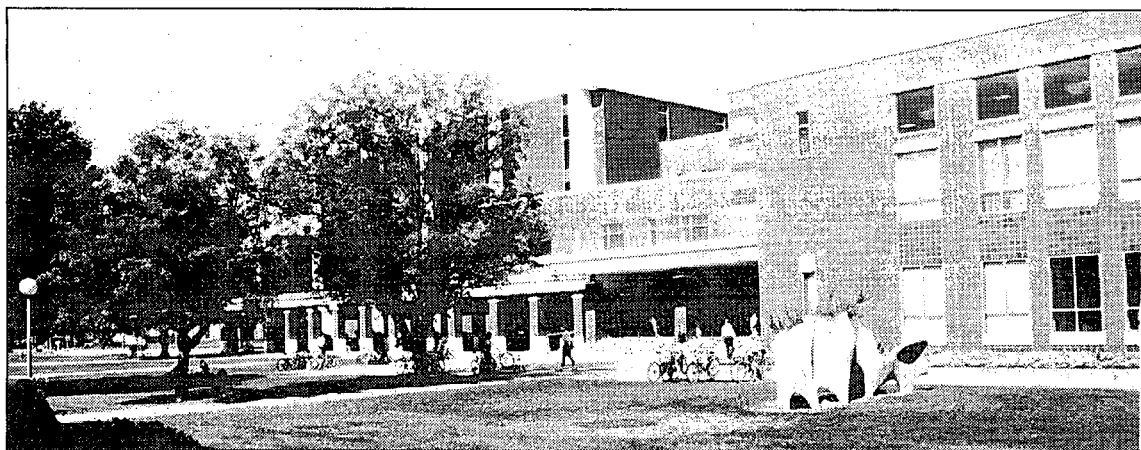
On campus, the **Administration Building** contains the offices of several student services, including admissions, financial aid, student residential life, and the registrar. The **Counseling and Testing Center** is located in the **Education Building**, while the **Student Health Center** and the **BSU Career Center** are located across University Drive from the main campus.

The **Business Building** features computer labs and three electronic classrooms furnished with the latest in teleconferencing equipment. In addition, the **Engineering Technology Building** contains modern classrooms and laboratories—many equipped with computers—for use in engineering, construction management, and other technical programs. Both the **Education Building** and the **Liberal Arts Building** offer comfortable, well-equipped classrooms and computer labs, as do the **Math/Geosciences Building** and the **Public Affairs/Art West Building**. A new multi-purpose classroom building is under construction and should be available for the 1997-1998 school year.

Other notable features of the campus include the **Centennial Amphitheatre**—an outdoor venue for lectures, concerts, and plays—and the **Morrison Center for the Performing Arts**, which houses the music department, the theatre arts department, a 2,000-seat performance hall, a 200-seat recital hall, and a 200-seat theater.

In the **Simplot/Micron Instructional Technology Center**, BSU is pioneering the use of technology to improve the effectiveness of instruction and to provide learning





opportunities at remote locations. For instance, a satellite earth station and an inter-campus microwave system enable students scattered throughout the state to participate in classes conducted on campus.

BSU students also enjoy a contemporary **Student Union**, which provides facilities for social, recreational, and cultural activities. In addition to a computer store, a quick-copy center, and three dining areas, the **Student Union** contains a game room, several lounges, the Outdoor Rental Center, the BSU Bookstore, and the Bronco Shop. While at the **Student Union**, you can stop by the Information Desk to pick up tickets for campus programs and community events, or visit the offices of more than 130 recognized student organizations.

The **Intramural/Recreation Office** and one of BSU's **Children's Centers** are located in the **BSU Pavilion**, Idaho's largest multi-purpose arena. When not filled with fans of Bronco basketball, gymnastics, or volleyball, the Pavilion is the site of concerts, professional sporting events, and family entertainment. Nearby is **Bronco Stadium**, the largest stadium in the Big Sky Conference, with a seating capacity of 30,000.

## The Albertsons Library

The Library and its collections support the curricular and research efforts of the university. The Library's holdings exceed 2 million items, including:

- 455,951 monograph volumes
- 57,000 bound periodicals
- 4,686 current periodicals, newspapers, and other serials
- 127,305 maps
- 166,400 government publications
- 1,223,235 microform pieces
- 59,694 audiovisual

You may use **Catalyst**, the Library's computerized catalog, to quickly identify material which the Library owns. You can log-on to Catalyst from outside of the Library as well as from within.

The **Curriculum Resource Center** houses print and nonprint materials for elementary and secondary education, a

collection of juvenile and young-adult books, and nonprint materials for college-level instruction. The Library's **Government Documents** collection is a depository for selected United States, Canadian Federal, and Idaho State publications. The Library also has a **Map Collection** which not only covers a wide array of subjects; but also, is very detailed in its coverage of Idaho.

The **Reference Area** contains a large collection of magazine indexes, in both paper and CD-ROM formats; and an extensive collection of handbooks, encyclopedias, dictionaries, as well as other types of reference materials. The Reference Area also provides both basic and advanced bibliographic search materials, and instruction in the use of them. In this area, too, you may obtain information about, and assistance in, the use of the entire library.

The **Special Collections** area contains manuscript collections, rare books, and the university archives. In addition to housing the papers of Senators Len B. Jordan and Frank Church, and Interior Secretary/Governor Cecil Andrus, this area also maintains the Frank Church Room, in which memorabilia from the Senator's life and career are displayed. The **Warren McCain Reading Room**, located on the second floor, contains an extensive collection of books and materials about the literature, art, economics, history and other aspects of the American West.

## Computer Resources

The university provides student access to a variety of computer resources. For instance, the **Center for Data Processing** operates two computer labs (one for students and one for faculty); many other computer labs are maintained by various colleges or departments. Most of BSU's offices and computer labs are connected to the campus fiber-optic network, allowing users to tap into the Campus-Wide Information System or gain access to the Internet. Students do not need accounts to gain access to the Internet as this can be done from most labs on campus.

## An Introduction to Boise State University

BSU does not provide dial-in to e-mail or the Internet from off campus. E-mail accounts for students are available in two forms. Students who do not want to access their e-mail from home can fill out the application form at the Center for Data Processing. These accounts can be accessed from any lab on campus. Those students who want access to e-mail and the Internet from home will need to purchase access through an Internet service provider (ISP). The university has negotiated a contract with Micron Internet Services to provide an innovative pricing plan for students based on usage. Micron e-mail can be accessed from campus.

As a graduate student at Boise State University, you will have the opportunity to increase your computer skills—in fact, you will be expected to do so. For more information about the computer skills required in your discipline, please consult your graduate program coordinator.

## Athletics and Recreation

The purpose of the intercollegiate athletic program at Boise State University is twofold. First, to provide opportunities for a meaningful athletic experience for as many students as possible. Second, to develop and maintain a competitive Division I athletic program that competes on a regional and national basis and strives for excellence in both men's and

women's athletics within the boundaries of integrity and honesty.

The athletic program is an integral part of the university and its total educational purpose. The objectives of the athletic program are in harmony with the mission and role of the university.

The university adheres to the principles of fair play and amateur athletic competition as defined by the NCAA. The university is concerned with the physical welfare of the student-athlete and strives to ensure that every student-athlete has the opportunity to succeed academically and obtain a degree.

The university competes as a member of the Big West Conference in football, volleyball, men's and women's basketball, men's and women's cross country, men's and women's track and field, gymnastics, men's and women's golf, and men's and women's tennis. The university competes in the PAC-10 in wrestling.

Student ticket policies to athletic events are listed in the *BSU Student Handbook*.

The *Equity in Athletics Disclosure Report* for Boise State University is available at the Athletic Department and the reserve book room in the library. The report provides participation rates, financial support, and other information on men's and women's intercollegiate athletic programs.



## Dean:

Kenneth M. Hollenbaugh, Ph.D.  
Math/Geosciences Building, Room 140  
Telephone 208 385-3647

## Graduate Admissions Coordinator:

Brian Newkirk  
Math/Geosciences Building, Room 141  
Telephone 208 385-3903/4204  
FAX 208 385-4061  
<http://www.idbsu.edu/gradcoll>  
E-mail: [gradcoll@bsu.idbsu.edu](mailto:gradcoll@bsu.idbsu.edu)

## Graduate Degrees Offered

Doctor of Education, Ed.D.  
Master of Arts, M.A.  
Master of Business Administration, M.B.A.  
Master of Fine Arts, M.F.A.  
Master of Health Science, M.H.S.  
Master of Music, M.M.  
Master of Public Administration, M.P.A.  
Master of Physical Education, M.P.E.  
Master of Science, M.S.  
Master of Social Work, M.S.W.

## Graduate Degree Programs and Program Coordinators

Doctor of Education in Curriculum and Instruction  
Glenn Potter, Ed.D.

Master of Science in Accountancy, Taxation  
Harry White, Ph.D.

Master of Arts/Science in Biology  
James Long, Ph.D.

Master of Business Administration  
Harry White, Ph.D.

Master of Arts in Communication  
Marvin Cox, Ph.D.

Master of Arts in Education  
Art, Heather Hanlon, Ed.D.  
Curriculum and Instruction, Thel Pearson, Ph.D.  
Early Childhood, Thel Pearson, Ph.D.  
Reading, Thel Pearson, Ph.D.  
Special Education, Thel Pearson, Ph.D.

Master of Science in Education,  
Earth Science, Charles Waag, Ph.D.  
Educational Technology, Thel Pearson, Ph.D.  
Mathematics, Thel Pearson, Ph.D.

Master of Arts in English  
Jan Widmayer, Ph.D.

Master of Science in Exercise and Sport Studies  
Bill Kozar, Ph.D.

Master of Fine Arts, Visual Arts  
Gary Rosine, M.F.A.

Master of Science in Geology  
Claude Spinosa, Ph.D.



*Dr. Kenneth M. Hollenbaugh  
Dean, Graduate College and Research*

Master of Science in Geophysics

John R. Pelton, Ph.D.

Master of Health Science

Gary Shook, Sc.D.

Master of Arts in History

Michael Zirinsky, Ph.D.

Master of Science in Instructional & Performance Technology,

David Cox, Ph.D.

Master of Arts/Science in Interdisciplinary Studies

Michon Rozmajzl, Ph.D.

Master of Music,

Music Education

Performance

Pedagogy

Jeanne M. Belfy, Ph.D.

Master of Physical Education in Athletic Administration

Bill Kozar, Ph.D.

Master of Public Administration,

General Public Administration

Environmental and Natural Resources Administration

State and Local Government Policy and Administration

James B. Weatherby, Ph.D.

Master of Science in Raptor Biology

Marc J. Bechard, Ph.D.

Master of Arts in School Counseling

Margaret Miller, Ph.D.

Master of Social Work

Martha Wilson, Ph.D.

Master of Arts in Technical Communication

Mike Markel, Ph.D.

## General Policies

### If you have questions about these policies:

Contact the Registrar's Office  
Administration Building, Room 102  
Telephone 208 385-4249

## General Policies

This chapter defines the general policies governing the following matters:

- your rights and responsibilities as a student
- academic honesty
- student records
- enrollment status
- right of appeal

Additional information on these policies is available in the *BSU Student Handbook* and the *BSU Administrative Handbook*. The *BSU Student Handbook* may be obtained from the Office of the Dean of Student Special Services, Administration Building, Room 114, while the *BSU Administrative Handbook* is available for inspection at administrative offices (including the Graduate Dean's Office, Math/Geosciences Building, Room 140).

## Your Rights and Responsibilities

BSU challenges its students to reach their highest levels of performance, encourages them to excel in academics and sports, and invites them to participate in the many cultural and social activities available at the university. At the same time, BSU expects students to conduct themselves in a manner compatible with the university's function as an institution of higher learning. Therefore, we have published this catalog and the *BSU Student Handbook* to acquaint you with your rights and responsibilities as a student. In the *BSU Student Handbook*, for instance, you will find the Student Bill of Rights and the Code of Conduct, along with information on:

- fees
- health insurance
- parking
- services for students
- student organizations
- university committees
- civic and cultural events
- academic regulations
- university policies and procedures governing sanctions, judicial procedures, and hearing boards

Each student is expected to be familiar with the information in the *BSU Student Handbook*. You can obtain a copy from the Office of the Dean of Student Special Services, Administration Building, Room 114. The telephone number is 208 385-1583.

## Academic Honesty

The university's goal is to foster an intellectual atmosphere that produces educated, literate people. Because cheating and plagiarism are at odds with that goal, they shall not be tolerated in any form. Therefore, all work submitted by a student must represent that student's own ideas and effort; when the work does not, the student has engaged in academic dishonesty.

Plagiarism occurs when a person passes in another person's work as his or her own or borrows directly from another person's work without proper documentation. For example, academic dishonesty occurs whenever a student:

- fails to properly document source material in a paper, project, thesis, or dissertation
- copies the work of another person and attempts to receive credit for that work
- copies from another student's exam, either before, during, or after the exam
- during an exam uses "crib notes" or uses information stored in a computer or calculator (if prohibited from doing so)
- collaborates on take-home exams when such collaboration is forbidden
- buys a paper or other project, then seeks to receive credit for the paper or project
- allows another person to take an exam in his or her place or takes an exam for another person
- receives editorial assistance that falls outside the scope of acceptable assistance as defined in *A Student's Guide to Writing at BSU*.

**NOTE:** The list above is intended only to provide general guidelines for recognizing and avoiding common types of academic dishonesty. It is in no way an exhaustive or comprehensive list of all the types of academic dishonesty.

Responding to academic dishonesty is the responsibility of the instructor of the course in which the dishonesty occurs. If plagiarism or other academic dishonesty is committed during the course of thesis, project, or dissertation work, the research advisor, in consultation with the student's committee and the Graduate Dean, shall determine the appropriate response.

A student guilty of academic dishonesty may be dismissed from the class, may receive a failing grade, or may be dismissed from the university.

For more information about academic honesty, see the following publications:

- *A Student's Guide to Writing at BSU*
- *BSU Administrative Handbook*
- *BSU Student Handbook*



## Student Records

The Graduate Admissions Office maintains a permanent file for each student who has applied for admission to the Graduate College; your file will contain your application for admission, official transcripts, test scores, and any correspondence related to that application. Another file at the Registrar's Office contains your permanent transcript record and all materials that document that transcript record. And, your faculty advisor will maintain a file of advising records, grade sheets, and correspondence.

In general you have the right to review the documents that constitute your official record, and you have the right to request copies of those documents. If you request copies, BSU will provide them in a timely and efficient manner.

The following sections provide more detail about your official record at BSU, about your rights and responsibilities regarding that record, and about BSU policies and procedures governing the information your record contains. Other publications discussing these matters include the *BSU Administrative Handbook* and the *BSU Student Handbook*.

## Transcript Records

The Registrar's Office makes every effort to ensure that transcript records are up to date, accurate, and true. You have the right to appeal any information on your transcript that inaccurately reflects your academic history. However, information on a transcript is changed only in extraordinary or extenuating circumstances.

If there is an error or omission on your transcript, send a detailed description of the error or omission, along with copies of the relevant documents, to the Registrar's Office, Administration Building, Room 102. The telephone number is 208 385-3486.

## Confidentiality and Privacy

Following the guidelines established by the Family Rights and Privacy Act of 1974, the university strives to protect your personal privacy and the confidentiality of your official student record. This section generally describes BSU's policy on confidentiality and privacy, as defined by the *BSU Administrative Handbook*.

Most of the information in your student record is considered confidential, with the following exceptions:

- your local address
- your local telephone number
- your major field of study
- the dates you attended BSU
- your student classification
- your enrollment status (for example, whether you are a full-time student or a part-time student)

- the type of any degree you have earned from BSU and the date on which you received it

The information listed above is considered public information; however, the university does not release lists of students or name-and-address labels to businesses or agencies outside the university. If you wish to limit access to this information, you should notify the Registrar's Office that you want the information treated as confidential. You can do so by completing a privacy request form, available at the Registrar's Office, Administration Building, Room 110.

In discharging their official duties, BSU employees may read, review, photocopy, and distribute to appropriate persons within the university any information contained in your student record. However, before distributing confidential information outside the university—even to members of your family—BSU faculty and staff must first secure your written permission to do so.

## Verification of Your Enrollment Status

Every day, BSU responds to phone calls or letters from people wanting to verify an individual's enrollment status. Requests for verification often come from such businesses as employment agencies, insurance companies, and lending agencies. For example, a lending agency may request verification of your enrollment status to determine if you are enrolled at least half-time and therefore are eligible for continued deferment of a student loan.

Your enrollment status is public information unless you have notified the university that you want it to be treated as confidential (see "Confidentiality and Privacy", above). In responding to inquiries from outside the university, BSU calculates your enrollment status according to Table 1.

**Table 1.**  
**Schedule Used to Determine**  
**Enrollment Status**  
**(in Response to Outside Inquiries)**

Number of Graduate Credits (currently enrolled)	Enrollment Status
9 or more	Full-Time
6	Three-Quarter-Time
4	Half-Time
3 or fewer	Less than Half-Time

**Note:** If you are taking a combination of graduate and undergraduate courses, a different formula is applied. Please contact the Registrar's Office at 208 385-4249 for further information.

**Note:** If you are receiving financial aid, please read the chapter on Financial Aid for additional enrollment requirements to maintain your financial aid eligibility.

**Note:** If you are receiving benefits under the G.I. Bill, you should contact the Veteran's Services Office, Administration Building, Room 111, to determine your enrollment status.

## General Policies

### Name or Address Changes

Whenever BSU policies or procedures call for the Registrar's Office to send written notification to a student, that obligation is fulfilled when the Registrar's Office mails the notification to the student's last address on record. Therefore, you must immediately inform Graduate Admissions, Math/Geosciences Building, Room 141, and the Registrar's Office, Administration Building, Room 110 of any change in your name or address. You may do so in person, by telephone, or by sending in a change-of-address card from the post office.

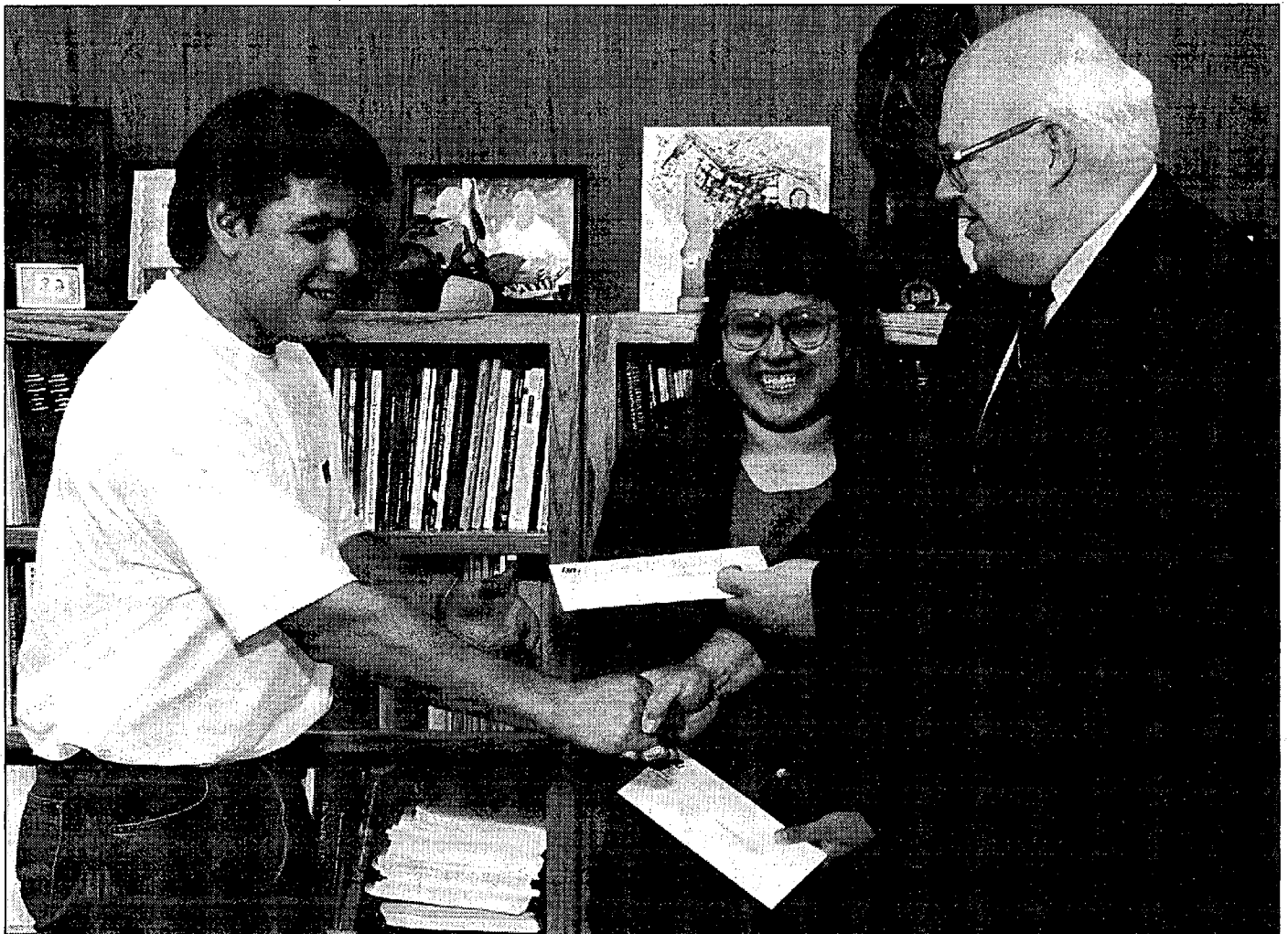
### Right of Appeal

You have the right to appeal any academic policy or requirement if either of the following conditions are present:

- Extenuating circumstances make it impossible for you to comply with the policy or requirement.
- An undue hardship would result from a strict application or interpretation of the policy or requirement.

Please note, however, that extenuating circumstances must be beyond your control and that undue hardship must be a condition far more serious than simple inconvenience.

If you appeal an academic policy or requirement, that appeal will be reviewed by the Graduate Dean and by the University Appeals Committee if appropriate. For more information about appeals and grievances, see the *BSU Student Handbook* and the *BSU Administrative Handbook*.



### If you have questions about these policies:

Contact Graduate Admissions Office  
Math/Geosciences Building, Room 141  
208 385-3903 or 385-4204  
FAX 208 385-4061  
<http://www.idbsu.edu/gradcoll>  
e-mail: [gradcoll@bsu.idbsu.edu](mailto:gradcoll@bsu.idbsu.edu)

## Application Deadlines

You are strongly encouraged to submit all graduate application materials seven to nine months in advance of the date that you plan to enroll, but applications will be accepted anytime before the deadline dates listed below. Deadlines for all applicants seeking admission as degree-seeking students are as follows:

Fall Semester 1997: July 23, 1997\*  
Spring Semester 1998: November 26, 1997\*  
Summer Sessions: One week before classroom instruction begins

\* Some programs have an earlier deadline. Please check specific program listing for deadlines.

These deadlines are strictly enforced. Therefore, you must ensure that the Graduate Admissions Office receives all of your application materials before the admission deadline.

If you fail to do so, you may still be admitted to the university although you will not be given an appointment to register and must register during open registration. If you are a degree-seeking student, your admission by the first day of the semester cannot be guaranteed.

**NOTE:** You should apply for some types of financial aid—such as assistantships—when you apply for admission. For further information, see the chair of the department offering the financial aid, or see the coordinator of the graduate program within that department. Most deadlines for applying for financial aid are March 1 or earlier, and are noted in the section entitled “Financial Aid for Graduate Students.”

## General Admission Policies

To be admitted to the Graduate College, you must hold at least a bachelor's degree from an accredited institution and you must have a cumulative grade-point average of at least 2.75 on a 4.00-point scale for all undergraduate credits.

In addition, if you have attended another institution as a graduate degree seeking student but did not complete the degree, you must demonstrate that you departed that institution in good academic standing in order to be eligible for admission to a graduate degree program at BSU.

If you are granted admission, you will initially have Unclassified status, which indicates that you have been admitted to the Graduate College but have not yet been admitted to a graduate degree program. You retain this Unclassified status until you

have been accepted into a graduate degree program, and you may take classes while awaiting acceptance. *You will not be eligible for federal financial aid while you have Unclassified status.*

When you are admitted to a graduate degree program, your status changes to either Regular or Provisional. Regular status indicates that you have been accepted with full graduate standing. Provisional status establishes a probationary period, during which you must meet stipulated requirements for Regular status. Ordinarily, by the time you have completed 12 credits of approved study, your department will decide whether to admit you with Regular status.

**NOTE:** If you take classes as an Unclassified student, you may count toward a graduate degree no more than nine credits earned in those classes. If you are accepted into a graduate degree program, your department will decide which credits, if any, they will accept from your work as an Unclassified student.

You can obtain further information about admission to the Graduate College from the Graduate Admissions Office, which provides counseling services to applicants. The Graduate Admissions staff evaluates all transcripts submitted by applicants and verifies that all requirements for admission have been met. However, please note that admission requirements vary from one graduate program to another; for example, one program may require you to take the Graduate Record Exam (GRE), while another program may require that you submit a portfolio of recent work. To ensure that you've satisfied all admission requirements, consult the catalog description of the graduate program to which you are applying.

**NOTE:** All documents received by BSU in conjunction with an application for admission become the property of Boise State University. These documents will be duplicated only for use in advising at BSU. Moreover, the original documents will neither be returned to the applicant nor forwarded to any individual unaffiliated with BSU or forwarded to any other agency, organization, college, or university.

## Applying as a Degree-Seeking Student

To apply for admission as a degree-seeking student, complete the following steps before the deadline specified in “Application Deadlines,” above.

1. Submit an application for admission to the Graduate Admissions Office, along with the \$20.00 application fee (non-refundable).
2. Request official transcripts from each educational institution you have attended beyond high school. Instruct the institutions to send the transcripts directly to the Graduate Admissions Office, Room 141, Math/Geosciences Building, Boise State University, 1910 University Drive, Boise, ID 83725.
3. Take any predictive exam, such as the Graduate Record Exam (GRE), required by the program to which you are applying. Ensure that the results of these exams are forwarded to the Graduate Admissions Office. For

# Graduate Admission Policies and Procedures

**Table 2.**  
**How to Apply for Admission to the Graduate College at BSU**

To apply for graduate admission, submit to the Graduate Admissions Office all materials indicated in the checklist below. All admission materials must be received in Graduate Admissions by the posted deadline. (See Academic Calendar.)

## **New Degree-Seeking Graduate Applicants**

- *Graduate Admission Application.*
- One-time, nonrefundable \$20 application fee.
- Official\* transcripts from all postsecondary institutions showing all courses completed and degrees earned.
- Official GRE, GMAT, MAT scores, if required.
- Letters of recommendation and/or other materials that may be required by the program to which you are applying.

## **Returning Applicants Previously Admitted to a Graduate Degree Program**

If you are a BSU graduate student who has not attended for one semester or more (not including summer), you must reapply for admission. Submit the following:

- *Graduate Readmit Application.*
- One-time, nonrefundable \$20 application fee, if not previously paid.

Also submit any of the following that are needed to complete your file:

- Official\* transcripts from all other colleges attended.
- Official GRE, GMAT, MAT scores.

**Note:** BSU retains admission materials for five years after your last term of enrollment.

Please submit new materials if you have not attended BSU within the last five years.

## **Nondegree-Seeking Applicants**

- *Graduate Admission Application* or *Graduate Readmit Application.*
- One-time, nonrefundable \$20 application fee, if not previously paid.
- Official\* transcript from institution which granted your highest degree.

## **Applicants Seeking a Second Baccalaureate Degree**

- *Graduate Admission Application.*
- One-time, nonrefundable \$20 application fee.
- Official\* transcripts from all postsecondary institutions showing all courses completed and degrees earned.

## **Applicants from Other Countries**

- *Foreign Student Graduate Application.*
- One-time, nonrefundable \$30 application fee.
- Official\* transcripts and proof of graduation from each educational institution attended beyond high school.\*\*
- Official TOEFL results.
- Official GRE, GMAT, MAT results.
- Letters of recommendation and other materials required by the program to which you are applying.
- Documentation to demonstrate adequate financial resources to cover one year living expenses, tuition, and fees.

\* To be official, transcripts must be sent by the issuing institution directly to the BSU Graduate Admissions Office.

\*\* If written in a language other than English, these documents must be accompanied by an English translation.

information about specific program requirements, see the program descriptions in this catalog.

4. Submit all letters of recommendation and other materials required by the program to which you are applying.

After completing the steps listed above, you are eligible for admission to the Graduate College. Completing the steps, however, does not ensure that you will be admitted. You must still meet any grade-point average (GPA) requirement stipulated by the program to which you are applying, and you must be recommended for admission by the coordinator of the graduate program to which you are applying. Finally, you are officially admitted to the graduate program only after receiving written notification from the Graduate Dean.

## **Applying as a Non-Degree-Seeking Student**

You may apply for admission as a non-degree-seeking student if you meet the following criteria:

- You have earned a bachelor's degree or a higher degree from an accredited institution.
- Your grade-point average is at least 2.75 on a 4.00-point scale.

To apply for admission as a non-degree-seeking student, complete the following steps before the deadline specified in the current academic calendar.

## Graduate Admission Policies and Procedures

1. Submit an application for admission to the Graduate Admissions Office, along with the \$20.00 application fee (non-refundable).
2. Request an official transcript from the institution that granted your bachelor's degree or higher degree. Instruct the institution to send the transcript directly to:  
Graduate Admissions Office  
Math/Geosciences Building, Room 141  
Boise State University,  
1910 University Drive Boise, ID 83725

If you are a non-degree seeking student, you may register for as many credits as you wish but you will be ineligible for financial aid.

### Applying for Admission as an International Graduate Student

Boise State University welcomes applications from qualified students from around the world. The requirements described below apply to all applicants holding citizenship in a country other than the United States.

You must apply for admission as a graduate student if you have earned—from an accredited institution—the equivalent of a U.S.

4-year bachelor's degree or a higher degree, even if you plan to enroll in an undergraduate program.

To apply for admission to BSU, complete the following steps before the deadline specified in the current academic calendar.

1. Submit a completed *Foreign Student Graduate Application* to the BSU Foreign Student Admissions Office, Administration Building, Room 107 along with the \$30.00 application fee (non-refundable).
2. Request official transcripts and proof of graduation from each educational institution you have attended beyond high school or the equivalent of high school. Instruct the educational institutions to send the transcripts directly to:  
BSU Foreign Student Admissions Office  
Administration Building, Room 107  
Boise State University  
1910 University Drive, Boise, ID 83725

If written in a language other than English, these documents must be accompanied by an English translation. If the institutions cannot submit these documents directly to the BSU Foreign Student Admissions Office, you may substitute (1) true copies of official academic records and (2) proof of graduation. The true copies must be certified by an official of the institution.





## Graduate Admission Policies and Procedures

3. Take the Test of English as a Foreign Language (TOEFL). Ensure that the results of these exams are forwarded to the BSU Foreign Student Admissions Office. (The institution code number for BSU is 4018.) For applicants to graduate degree programs, BSU requires a minimum TOEFL score of 550.
4. Take the Graduate Management Admission Test (GMAT), Graduate Record Exam (GRE), or any other predictive exam required by the program to which you are applying. Ensure that the results of these exams are forwarded to:
  - Graduate Admissions Office,  
Math/Geosciences Building, Room 141,  
Boise State University, Boise, ID 83725.(The institution code number for BSU is 4018.) For information about specific program requirements, see the program descriptions in this catalog.
5. Submit all letters of recommendation and other materials required by the program to which you are applying.
6. Submit documentation sufficient to demonstrate that you have financial resources to cover one calendar year of living expenses, tuition, and fees. Send the documentation to the BSU Foreign Student Admissions Office.

After you have met all of the requirements for admission and have been accepted to a degree program, the Foreign Student Services Coordinator will issue you an I-20 form, which you will need to obtain an F-1 student visa. For more information, please contact the Foreign Student Admissions Office. Telephone: (208) 385-1757.

**NOTE:** All full-time students must be covered by health insurance. Your student fees cover the cost of participating in BSU's health insurance plan. However, you may not be required to participate in the plan if you are already covered by a health insurance policy offering coverage equal to (or exceeding) the coverage provided by BSU's health insurance plan. To receive an exemption from this requirement, you must submit proof of insurance within the first 10 working days of the semester.

### Seniors Taking Graduate Courses for Graduate Credit

If you are a BSU senior, you may enroll in a graduate course and have the credits recorded on your transcript as graduate credits. However, you must first secure approval from both the chair of the department offering the course and the Dean of the Graduate College. Finally, you must demonstrate that the graduate credits will not interfere with your ability to graduate during that academic year.

Any credits you earn in this fashion may be counted toward an undergraduate degree, or, they may be applied toward a graduate degree at Boise State University, but not both. You determine how the credits are to be used before you enroll in

the graduate course. Please note that courses in the M.B.A. program are excluded from this policy.

If you wish to take graduate courses for graduate credit, contact the Registrar's Office, Room 102, Administration Building.

## Academic Policies

The following section addresses BSU policies and procedures governing:

- acceptable academic performance
- course repeat policy
- transferring credits
- challenging required courses
- credit limits for pass/fail courses, workshops, and directed research
- credit limits for graduate credit for undergraduate courses
- credit limits for practicum/internship

Many other academic policies and procedures are described or defined elsewhere in this catalog, most notably in sections on General Policies, Graduate Degree Program General Requirements, Registration, and Grades.

### Acceptable Academic Performance

BSU expects all graduate students to strive toward—and attain—academic excellence. If your academic performance is unsatisfactory, you may be withdrawn from the degree program by the Dean of the Graduate College, acting on the recommendation of your department.

To be eligible to receive a degree from the Graduate College, you must have a grade-point average (GPA) of 3.00 (B) or better in all graduate work specific to your program of study. You must receive a grade of A or B in a 300G- or 400G-level course in order to count those credits toward your graduate degree. Finally, you cannot count grades below C to meet any requirement of a graduate degree program. If you are seeking a graduate degree and you earn a cumulative GPA of less than 3.00 for two consecutive semesters, you will be withdrawn from the graduate program and academically disqualified for any further graduate level work.

### Course Repeat Policy

If you receive a final grade of D in a 500- or 600-level course required for your graduate degree, you may attempt to improve the grade by repeating the course only one time. If that attempt is unsuccessful, you will be withdrawn from the graduate program and academically disqualified from any further graduate level work. The course must be repeated at the next offering or you will waive your right to repeat the course.

If you receive a final grade of F in a 500- or 600-level course required for your graduate degree, you cannot retake the course. You will be withdrawn from the graduate program and academically disqualified from any further graduate level work.

## Transfer Credits

You can transfer up to nine graduate semester credits taken at other institutions and apply those credits toward a graduate degree. However, the courses must be consistent with the program of study planned by you and your supervisory committee or advisor. In addition, you must have taken the courses at an accredited institution and must have received—in each course—a grade no lower than B.

In general, the university discourages graduate students from transferring credits earned for extension courses. Though some departments may elect to accept extension credits after conducting a detailed examination of each course. No correspondence course credits or experiential portfolio credits will be accepted for graduate credit. Finally, you cannot transfer credits used to satisfy requirements for a graduate degree you received from another institution.

For more information regarding transfer credits, see "Admission to a Graduate Degree Program", page 23.

## Challenge Courses

If a graduate student requests the opportunity to challenge a course in a graduate degree program, the department offering the course will decide whether to grant that opportunity. For interdisciplinary courses, the decision will be made by the coordinator in charge of the graduate degree program to which the course applies.

## Credit Limits for Pass/Fail Courses, Workshops, and Directed Research

You may apply toward a graduate degree no more than six credits earned in pass/fail or workshop courses. (Project, Thesis, and dissertation credits graded P/F are excluded from this limitation.) Likewise, you may apply toward a graduate degree no more than nine credits you have earned by completing directed research. No more than six directed-research credits may be earned in one semester. Finally, your supervisory committee or advisor has the authority to accept some, none, or all of your directed research credits (within the limits specified above). Therefore, we encourage you to discuss directed research credits with your supervisory committee or advisor, to determine if the credits can be applied toward your degree.

**NOTE:** If you are pursuing an M.B.A., you may apply toward your degree no more than three credits earned by completing an internship or directed research.

**NOTE:** If you are pursuing a Master of Arts in School Counseling, you may apply toward your degree no more than eight pass/fail credits.

**NOTE:** If you are pursuing a Master of Social Work degree, you may apply toward your degree no more than eighteen pass/fail credits.

## Credit Limits Applicable to Undergraduate Courses Taken for Graduate Credit

Ordinarily, you are able to earn graduate credits only in those courses numbered at the 500 level or above; courses below the 500 level carry undergraduate credit. However, a "G" designation applied to 300- or 400-level courses, signifies that students in those courses may choose to earn either undergraduate or graduate credit. In order to earn graduate credit, you must complete extra work beyond what's required of students earning undergraduate credit.

Your department has the authority to accept some, none, or all of the credits you earn in "G" designated courses. In any event, no more than one-third of the credits required for your graduate degree may carry a "G" designation.

## Credit Limits for Practicum/Internship

To earn graduate credit for Practicum/Internship, you must have a minimum 3.00 cumulative GPA and you may apply no more than 12 credits toward a graduate degree or second undergraduate degree. However, some graduate programs accept only 3 internship credits. Therefore, we encourage you to check with your department for any additional restrictions. Practicum/Internship cannot be repeated to improve a grade. You can obtain a copy of the *Practicum/Internship* form from your department.



# Graduate Degree Program Requirements

## If you have questions about these requirements:

Contact Graduate Admissions Office  
Math/Geosciences Building, Room 141  
208 385-3903 or 385-4204  
<http://www.idbsu.edu/gradcoll>  
e-mail: [gradcoll@bsu.idbsu.edu](mailto:gradcoll@bsu.idbsu.edu)

## Graduate Degree Program Requirements

Admission to the Graduate College is the first step toward your graduate degree, but you must also be granted admission to a graduate degree program. Admission requirements vary from one graduate program to another. For more information about the requirements of a particular graduate degree program, consult the catalog description of the program to which you are applying. Concurrent admission to more than one graduate program is not possible.

The sections below define general policies and procedures governing:

- admission to a graduate degree program
- your supervisory committee
- time limits for completion of degree requirements
- minimum number of credits required for graduate degree
- residency requirements
- foreign-language requirements
- applying for candidacy
- thesis and final-project requirements
- final-examination requirements
- applying for a graduate degree

## Admission to a Graduate Degree Program

Once you have been granted regular or provisional status (as described in "General Admission Policies"), you will work with your supervisory committee or advisor to develop your program of study.

To document your study plan, you must complete a *Program Development Form*. The form is available from your supervisory committee, your advisor or the chair of your department. It is your responsibility to ensure that you complete the form in the first academic period (fall semester, spring semester, or summer session) in which you take classes as a regular or provisional student. If you are using transfer credits in your graduate program, your supervisory committee or advisor will file your completed form with the Graduate Admissions Office.

**NOTE:** When you complete the *Program Development Form*, list on it any of the following types of classes, if you intend to count toward your degree the credits you have earned in those classes.

- courses in which you earned credits you wish now to transfer to BSU
- courses in which you "reserved" the credits to be applied to a graduate degree
- courses in which you earned credits you wish to count as residence credits earned through an inter-institutional cooperative program

If you wish to apply such credits to a BSU graduate degree, you must claim the credits no later than the earliest of the following dates:

- when you file the Program Development Form for the first time
- the end of your first academic period as a regular or provisional student

## Your Supervisory Committee

Once you are admitted with regular status to a graduate program, your department will assign you a supervisory committee, consisting of your advisor and two or more official faculty members. Additional ex-officio committee members may be assigned at the discretion of the student and the advisor.

In some programs, you will be assigned an advisor in lieu of a supervisory committee. Your supervisory committee or advisor will work with you to establish a program of study, direct your thesis or final project, and administer your final examinations.

If you are admitted with provisional status, you will be assigned a temporary advisor, who will help you to create a tentative program of study. In addition, your advisor will assist you in satisfying the requirements of the provisional admission. Once you have satisfied the requirements, your department may recommend to the Dean of the Graduate College that the university admit you with regular status.

## Time Limits for Completion of Degree Requirements

You have a total of seven calendar years within which to complete all requirements for your graduate degree. All course work (including any transfer credits), field work, practicum, internships, thesis or dissertation defense, comprehensive exams, and other activity required for your degree must be completed within the seven years leading up to and including the date you receive a graduate degree.

## Minimum Number of Credits Required for Graduate Degree

Before awarding you a master's degree, BSU requires you to complete at least 30 semester credits of graduate course work approved by your supervisory committee or advisor. Some programs may require more than 30 credits. For the doctorate,

a minimum of 66 semester credits beyond the master's is required.

### In-Residence Requirements

To obtain a master's degree, you must complete at least 21 semester credits of approved graduate work from the university. For the doctorate, in-residency is required for the summer and Fall semesters of the first year of the program. Your department may elect to accept, for in-residence credits, some or all graduate work completed in an inter-institutional cooperative graduate program.

### Foreign-Language Requirements

Each department offering a graduate degree program establishes the foreign-language requirement for that program. If your department has a foreign-language requirement, you will need to demonstrate a reading knowledge of that foreign language. Ordinarily, you would do so either by translating documents or by taking a standard exam.

### Applying for Candidacy

When you apply for candidacy, you use the *Application for Admission to Candidacy* form to specify the courses and projects comprising your program of study. Applying for candidacy represents an important milestone in your progress toward a graduate degree, not least because the *Application for Admission to Candidacy* form, upon approval, becomes a binding agreement between you, the university, and your department. In short, applying for candidacy identifies the work you've done so far and defines the work you will do from that point forward. Once approved, the application for candidacy becomes your formal plan for further study. BSU discourages students from making any changes to this plan after the application for candidacy has been approved. Such changes require approval from the Dean of the Graduate College, acting on a written recommendation from your supervisory committee or advisor.

Master's level students should apply for candidacy as soon as possible after completing 18 credits of graduate work in an approved program of study. Your grade-point average for those 18 credits must be at least 3.00 on a 4.00-point scale. In addition, you must have no listed credit deficiencies, and you must have already satisfied any foreign-language or other requirements stipulated by your department.

If you are a doctoral student, you may apply for candidacy following the successful completion of a qualifying examination, scheduled by your committee.

You can obtain a copy of the *Application for Admission to Candidacy* form from your department. We encourage you to apply for candidacy as soon as you meet the requirements; but no later than two semesters before your expected graduation date. Deadline for submission is the end of April for August or December graduation and approximately the first of December

for May graduates. Exact dates are listed in the Academic Calendar.

### Project, Thesis, and Dissertation Requirements

Each department offering a graduate degree program determines the program's requirements for a thesis, project, or dissertation. There are, however, some requirements common to all:

- The project, thesis, and dissertation should demonstrate the ability of an individual student to select a specific problem or topic, to assemble pertinent data, to do original research appropriate for the topic, to organize ideas and data acceptably, to synthesize, analyze and interpret results, and to produce a written document in clear and effective English.
- A student who has met all graduate degree credit requirements except for completion of a directed research, project, thesis, or dissertation, is required to register for at least one credit of 591 Project, 593 Thesis, 596 Directed Research, or 693 Dissertation each semester until the work is completed.
- The final draft of the manuscript must be reviewed by your supervisory committee or advisor and by the office of the Dean of the Graduate College.
- Two copies of the work to be retained by the University must be printed on 25% cotton, 20 lb. bond paper.
- Your project, thesis, or dissertation must be received and approved by the Dean of the Graduate College at least three weeks before commencement.

A manual compiled by the Graduate College staff will assist you in preparing your thesis, project, or dissertation to meet the standards required for submission to the Graduate College. You may obtain a copy of *Standards for Preparation of Dissertations, Theses, and Projects in the Graduate College* in the BSU Bookstore.

Matters of form and style including abbreviation, footnotes, notation of references and bibliography should conform to the standards for your discipline. Your advisor or program coordinator will advise you which style manual is appropriate.

### Final Examination Requirements

To take a final examination, you must first be admitted to candidacy (as described above). Departments and academic units that offer graduate degrees have substantial latitude in establishing requirements for final examinations. In some departments, for instance, students may be required to write a thesis, take a final written examination, and take a final oral examination. Another department may only require a thesis and oral defense, while yet another may require students to complete a portfolio of creative work.

## Graduate Degree Program Requirements

If your department requires neither a thesis nor a final project, you still may have to take one or more final examinations—either written, oral, or both. Your department administers these examinations, according to a schedule that the Graduate College establishes once each summer session and once each semester. Your department will also administer any final examinations it requires in defense of a thesis, project, or dissertation, again according to the schedule established by the Graduate College.

If your department requires a final examination, the Dean of the Graduate College may appoint an additional member to the committee that administers the examination. This additional member may be from outside your department or college.

**NOTE:** A student who fails a final examination defense of thesis, project, or dissertation will be withdrawn from the graduate degree program, unless the chair of the examination committee submits a written recommendation to the Dean of the Graduate College, proposing that the student be allowed to take another examination. With the Dean's approval, the student may retake all or part of the examination. However, at least three months must elapse between the first examination and the second. Any student failing the second examination will be withdrawn from the graduate degree program.

Please note that you must take any required final examination at least three weeks before commencement; the academic calendar lists final examination dates for the current academic year. To apply to take a final examination, contact the chair of your graduate committee.

### Applying for Your Graduate Degree

The last step in completing your graduate degree program is to apply for your graduate degree.

You must apply for your graduate degree before the deadline established for the semester in which you will graduate. Deadlines for spring and fall semester are published in the current academic calendar.

To apply for your graduate degree, complete the following steps before the deadline.

1. Consult with your supervisory committee or advisor to ensure that you have satisfied all requirements for your graduate degree.



2. Pay any outstanding balances you may have with the university (for example, tuition, fees, library fines, or parking tickets).
3. Submit the *Application for Graduate Degree* form—along with the \$25.00 diploma fee—to the Graduate Admissions Office, Room 141, Math/Geoscience Building. The application is available in the Graduate Admissions Office.



### If you have questions about these policies:

Contact the Registrar's Office  
Administration Building, Room 102  
Telephone 208 385-4249

## Registration Policies, Procedures, and Grades

Shortly after you have been admitted to a graduate-degree program, your department will assign a member of the faculty to serve as your academic advisor. If you register for eight or more credits, you must obtain the advisor's signature on your registration form.

Registration is held at the beginning of each semester and at the beginning of summer sessions. It consists of two distinct processes: priority registration and open registration. Each offers students the opportunity to select courses well before classroom instruction begins.

**NOTE:** Your registration is considered final and official only after you have paid all tuition, fees, and other charges.

For more information about registration, please consult the current *BSU Directory of Classes*.

### Priority Registration

If you are a continuing student, you may register during priority registration, which is held in April for the upcoming summer sessions and fall semester and held again in November for the upcoming spring semester. For exact dates, consult the current academic calendar or the *BSU Directory of Classes*. During priority registration, students register by appointment, according to a schedule established by the Registrar's Office. If you are a new or returning student (either degree seeking or non-degree seeking), and are admitted to the University before the deadline for admission, you will be notified, by mail, of your registration appointment. If you are not admitted to the University before the deadline for admission, you must register at the end of the priority registration period.

### Open Registration

Open registration begins after the fee-payment deadline for preregistered students and runs through the tenth day of the semester. If you register during priority registration but fail to pay your fees by the deadline, your registration is no longer valid; therefore, you must attend open registration and register again. If you are admitted after the application deadline, then you must register at open registration.

**Note:** If you fail to register and pay your fees by the deadline specified in the current academic calendar, then it is unlikely that you will be able to register for the current semester. Late registrations require approval from the University Appeals Committee, which grants approval only under extreme

extenuating circumstances. For applicable deadlines, see the academic calendar or the *BSU Directory of Classes*.

**Note:** Your registration is considered final and official only after you have paid all tuition, fees, and other charges.

### Credit Courses and Audit Courses

During open registration, if space in the class is available, you may register for a course under audit status with the understanding that you have a seat in the class, but you will receive neither credit for the course nor a final grade. Some instructors won't require you to attend class regularly, complete assigned work, take tests, or otherwise participate in the class. On the other hand, the instructor can require of you everything that is required of students who take the course for credit. Therefore, before registering under audit status, discuss your plans with the instructor.

In any of the classes in which you are enrolled, you can change the course status from credit to audit or from audit to credit only until the tenth day of the semester. Please note that if you change the status from credit to audit, or from audit to credit, your instructor still defines the requirements for successfully completing the class. If you fail to meet those requirements under audit course status, your instructor may give you a final grade of 'NC' (for *No Grade*); in such a case, the course will not appear on your transcript.

To change the course status, obtain a drop/add slip from the Registrar's Office, Administration Building, Room 110.

### Adding Classes and Dropping Classes

For a short time at the beginning of each semester, enrolled students may add classes to their schedule or drop classes from their schedule. Before dropping or adding classes, please carefully read the following sections of this chapter, which describe the general policies governing adding or dropping classes. Specific instructions for adding and dropping courses are published in the *BSU Directory of Classes*, as is the deadline for making such changes.

At certain times during the semester (specified in the *BSU Directory of Classes*), you may drop or add classes over the telephone. You may also drop and add classes by completing a drop/add form. You are responsible for obtaining the form, filling it out, obtaining any necessary signatures, and returning the form to the Registrar's Office for processing. A drop/add form takes effect only when it has been fully processed by the Registrar's Office. Drop/add forms may be obtained from the Registrar's Office, Room 110, Administration Building.

Before the semester begins, you may add classes to your schedule without first obtaining the instructor's permission, if there is space available in the class. You may continue to add classes from the first day of classroom instruction, until the tenth day of the semester. (See the academic calendar in the *BSU Directory of Classes* for the exact deadline.) However, after the fifth day of the semester, you must obtain the

## Registration Policies, Procedures, and Grades

instructor's signature on the drop/add form, indicating that the instructor has granted permission to add the class.

Instructors may refuse to grant permission if the class is full. They may also refuse permission if your late entry would prevent you from benefitting fully from the class, or prevent other students in the class from doing so. (If you are registering for or adding directed research, practicum, or internship, you may do so through the end of the sixth week of the semester.)

**Note:** If you are a part-time student and the addition of another class makes you a full-time student, you must obtain your advisor's signature.

You may drop classes from your schedule, without the instructor's permission, through the sixth week of the semester (See the academic calendar in the *BSU Directory of Classes* for the exact deadline.) If you drop a class before the tenth day of the semester, the class will not appear on your transcript. However, if you drop a class after the tenth day, your transcript will contain a grade of W for that class.

**Beginning fall semester 1995, BSU limits the number of withdrawals (W's) a student may receive during enrollment at BSU.** If you are pursuing a second degree at the associate, advanced technical certificate, or technical certificate level, you may receive up to five W's. If you are pursuing a second baccalaureate degree, you may earn up to ten W's, including any received while in an associate degree, advanced technical certificate, or technical certificate program. (W's received before Fall, 1995 are not counted toward the total allowed.) Once you have exhausted the allowed number of W's, you may receive only an A, B, C, D, P, or F in any succeeding course. Some limitations may also apply to specific master's or doctoral programs. Please refer to individual program requirements for more information.

**Exceptions** Withdrawals from corequisite courses that must be taken together (primarily lecture/lab courses) will count as one course for permitted withdrawal purposes. Withdrawals received as a result of a complete withdrawal from the university will not count toward the allowed total. This policy does not apply to students pursuing master's or doctoral programs.

**Note:** The university has placed limits on the number of times you may enroll in a course. See section on "Grades" for more information.

**Note:** If you intend to drop a class in which you have been issued university property, you must return the property before dropping the class. If you fail to do so, the Registrar's Office will place a hold on your official record, and reinstate you in the class.

### Student-Initiated Complete Withdrawal

Completely withdrawing from the university is the process by which a student formally drops all classes. You may request a complete withdrawal at any time up through the sixth week of

the semester. (See the *BSU Directory of Classes* for the exact deadline.) Of course, at any point in the semester you could simply stop attending classes, but you would receive a final grade of F in all of your classes. If, on the other hand, you completely withdraw from the university, you receive a W for all classes dropped after the tenth day of the semester. Any classes dropped on or before the tenth day do not appear on your transcript. W's received as a result of a complete withdrawal will not count toward the maximum limit of W's allowed in your program. Once you have withdrawn completely from the university, you can re-register for classes in the same semester only after petitioning for and receiving approval from the University Appeals Committee.

To begin the complete withdrawal process, contact the Office of Student Special Services, Administration Building, Room 114, Telephone 208 385-1583 and request a complete withdrawal. If you are hospitalized, out of the area, or otherwise physically unable to come to the university, you may begin the process by telephone or by mail. For information on refunds of tuition and fees following a complete withdrawal, see section on "Tuition and Fees".

### Faculty-Initiated Withdrawal

An instructor can withdraw a student from a course if any of the following conditions are present:

- The student fails to attend one of the first two meetings of a class that meets more than once each week.
- The student fails to attend the first meeting of a class that meets once each week.
- The student has not satisfied the entrance requirements for the class.

To withdraw a student for **failing to attend one of the first two meetings of a class that meets more than once each week or the first meeting of a class that meets once each week**, the instructor submits a special drop form to the Registrar's Office. Students withdrawn from a course for failing to attend these specified class meetings may re-enroll in the course with the instructor's permission through the tenth day of the semester. (See the *BSU Directory of Classes* for the exact deadline.) To withdraw a student for **failing to satisfy entrance requirements**, the instructor must notify the student of the impending withdrawal and then request the withdrawal through the Registrar's Office. All faculty-initiated withdrawals will be recorded with a grade of 'NG' (for *No Grade*) and will not appear on the student's transcript.

### Administrative Withdrawal from BSU

An administrative withdrawal is the process by which BSU formally withdraws a student from the university, usually without the student's consent or cooperation. In performing its function as an institution of higher learning, BSU may administratively withdraw any student who interferes with the university's ability to perform that function. In addition,

# Registration Policies, Procedures, and Grades

students may be administratively withdrawn for a variety of other reasons, including the following:

- falsifying or omitting required information on a graduate admissions application or other university record or document
- failure to submit all required graduate admissions materials within two semesters
- failure to pay tuition, fees, library fines, overdue loans, housing accounts, or other charges
- failure to respond to an official summons issued by the university
- exhibiting behavior that constitutes a clear and present danger to themselves or to others

To initiate an administrative withdrawal, the graduate program coordinator or department chair must submit a letter to the Graduate Dean justifying the withdrawal of the student. The Graduate Dean will complete the withdrawal procedure in cooperation with the Registrar's Office and the Dean of Student Special Services. Please refer to the sections on Acceptable Academic Performance and Course Repeat Policy for more information on withdrawals.

Administrative withdrawals due to nonpayment of financial obligations (tuition, fees, library fines, overdue loans, deferred fees, housing accounts, etc.) will be recorded with a grade of 'W' and will appear on the student's transcript if processed after the 10th day of the semester.

Administrative withdrawals due to ineligibility to be in a course or continue in school for reasons other than nonpayment of financial obligations will be recorded with a grade of 'NG' (no grade) and will not appear on the student's transcript.

## Grades

Boise State University uses a 4.0 grading scale. Table 3 lists the letter grades that instructors use to document their evaluation of your work and to document your academic status in the class. In addition, Table 3 defines the meaning of each letter grade and specifies the number of quality points that correspond to each grade. Quality points are used to determine your grade-point average (GPA).

**Table 3.**  
**Letter Grades**

Letter Grade	Meaning	Quality Points per Credit Hour	Used to Calculate GPA?
A	Distinguished work	4	Yes
B	Superior work	3	Yes
C	Average work	2	Yes
D	Below-average work	1	Yes
F	Failure	0	Yes
P	Pass: satisfactory work equivalent to C or higher; credits earned	0	No
I	Incomplete (See "Incompletes" in this chapter)	0 (until changed to a letter grade)	No
W	Student withdrew from the course	0	No
AUD	Course was taken under audit status	0	No
NR	No Report or Record; Instructor has not yet turned in a grade	0 (until changed to a letter grade)	No
IP	In Progress; Used for thesis, project, and dissertation work in progress	0 (until changed to a letter grade)	No

## Incompletes

Instructors can enter a grade code of I—for incomplete—if both of the following conditions are present:

- Your work has been satisfactory up to the last three weeks of the semester.
- Extenuating circumstances make it impossible for you to complete the course before the end of the semester.

If you receive an incomplete in a graduate course, you and your instructor will write and sign a contract stipulating the work you must do to receive a grade in the class. You will have one year to complete the contract.

**Note:** If you receive an incomplete in an undergraduate course, you and your instructor will write and sign a contract stipulating the work you must do to receive a grade in the class. You will have one year to do the work. If you fail to complete the work within one year, you will automatically receive a grade of F.

You may not remove the incomplete from the transcript by re-enrolling in the class during another semester; in fact, you are prohibited from enrolling in the course for as long as you have

## Registration Policies, Procedures, and Grades

an incomplete. A grade of incomplete is excluded from GPA calculations until you receive a final grade in the course.

### How to Calculate Your Grade-Point Average (GPA)

For each student, Boise State University calculates and documents three types of grade-point average (GPA):

- overall cumulative GPA
- semester GPA
- BSU GPA

Each of the three types of GPA is calculated with the same formula: total quality points you have earned divided by the total number of credits you have attempted. The quotient of that division is your GPA.

Total Quality Points Earned	= GPA
Total Credits Attempted	

Figure 1. Formula for Calculating Grade Point Average (GPA)

In calculating your *overall cumulative GPA*, BSU uses all courses you have taken at the university and any you have transferred from other post-secondary institutions—but only if those courses have been graded with a final grade of A, B, C, D, or F. If you have repeated a course prior to fall semester 1995, only the most recent grade is used in calculating your overall cumulative GPA. For courses repeated during or after fall semester 1995, both grades are used in the GPA calculation.

In calculating *semester GPA*, the formula uses only the quality points earned and credits attempted that semester. For *BSU GPA*, the formula uses only quality points earned and credits attempted at BSU.

All GPA calculations exclude credits for:

- pass/fail courses in which you received a final grade of P.
- courses that you registered for but later dropped from your schedule, even though the course may appear on your transcript with a final grade of W.
- courses you took under audit status (AUD).
- courses in which you have received the grade of I, for incomplete; IP, for in progress; or NR, for no record (until the I, IP, or NR is changed to a letter grade).



### If you have questions about tuition and fees:

Contact the Bursar's/Cashier's Office  
Administration Building, Room 211  
Telephone 208 385-3699 or 385-4068

### If you have questions about student loans:

Contact the Student Loan Office  
Administration Building, Room 209  
208 385-3951

## Tuition and Fees

In general, the costs of attending BSU arise from tuition, institutional fees, and special fees (such as fees for private music lessons or laboratory classes). Your actual costs depend on how many classes you take, the type of classes you take, and your status as a resident or nonresident student. For instance, Idaho state law stipulates that Idaho residents cannot be charged tuition (the direct cost of instruction); for Idaho residents, then, the principal cost of attending BSU arises from institutional fees. In addition to these fees, you may also have to pay such additional charges as workshop fees or materials charges, depending on the type of classes you take. You may pay with cash, check, Visa, or MasterCard.

This chapter defines the current tuition and fees for attending Boise State University and provides other information about tuition and fees, including information on deadlines, deferred payment, the senior-citizen rate, and insurance coverage for full-time students. Also included in this chapter are some of the more commonly asked questions about Idaho residency requirements.

### Deadlines for Paying Tuition, Fees, and Other Charges

You are expected to pay all tuition, fees, and other charges by the deadline specified in the current academic calendar. If you register after the deadline, you will be expected to pay all tuition, fees, and other charges when you register.

In most cases, you will receive a bill when you register and a bill shortly before the fee-payment deadline. These bills may reflect any scholarships or financial aid you have been awarded. You must return at least one of the two bills before the fee-payment deadline, even if your financial aid pays all your fees. If you fail to return a signed bill authorizing release of your financial aid, your classes could be canceled.

### Installment Payment Plan (I-PAY) for Tuition, Fees, and Other Charges

If you are unable to pay tuition and fees before the deadline established by the current academic calendar, you may be able to defer payment of some of your tuition and fees. To do so, however, you must be registered for two credits or more, and you must have no delinquent or past-due accounts with the university.

When you use the installment payment plan (I-PAY), you agree to pay all special fees at the time that you register. You agree, as well, to pay at least 50% of the balance owing for tuition and fees, and you agree to pay an additional fee of \$30. Finally, you agree to abide by the other policies and procedures of the I-PAY plan.

When you use the installment payment plan (I-PAY) for tuition and fees, you agree to pay the balance of your tuition, fees, and application fee in two equal payments. For fall semester, the first payment is usually due around the first of October; the second payment, around the first of November. For spring semester, the first payment is due around the first of March; the second payment, around the first of April.

**NOTE:** If your I-PAY account becomes delinquent, the university may cancel your registration. In addition, you will have to pay a \$20 late charge, and you will forfeit any opportunity to use the installment payment plan at some later time.

If financial aid arrives before your loan is repaid, the financial aid will be applied to the amount you still owe on the loan. This application of financial aid takes precedence over any other method of repayment. If you use the I-PAY plan and then withdraw from the university, BSU will deduct the amount owed on your account from any refund you may be eligible to receive. In addition, you will be charged a \$15 processing fee plus a \$25 service charge by the Cashier's Office.

If you are enrolled for two or more credit hours and are able to pay the minimum 50% down payment, you may apply for the I-PAY plan at the Cashier's Office, Administration Building, Room 211, Telephone 208 385-1587.

### How BSU Calculates Your Tuition and Fees

When you apply for admission to BSU, you pay a one-time, nonrefundable fee (\$20) for processing your application. To calculate your other tuition and fees, BSU has established that eight credits or more per semester constitute full-time enrollment and you are required to pay the full tuition and fees shown in Table 4 below.

## Tuition and Fees

**Table 4.**  
**Full Graduate Tuition and Fees, Per Semester,**  
**(8 credits or more)**

Tuition and Fees	Resident	Nonresident
Tuition	\$0	\$2940
Institutional Fees	\$1408	\$1408
Total (for up to 19 credits)	\$1408	\$4348
Overload Fee*	per credit hour	per credit hour

\*An overload fee is imposed if you register for more than 19 credits. Each credit over 19 costs the per credit hour cost in Table 6, below.

In determining whether you have reached the milestone of 8 credits per semester, BSU counts all credit hours on your registration form, including credit hours under audit status, credit hours for courses you are repeating, and credit hours for workshops. In short, nearly every combination of any type of credit hour counts toward the 8-credit milestone. Please note, also, that developmental courses (such as E 010 Developmental Writing or M 020 Elementary Algebra) count as 3 credits each toward the 8-credit milestone, even though you earn no credits by taking the course.

Bear in mind, though, that paying full tuition and fees does not necessarily make you a full-time student. Instead, **the university determines if you are a full-time student according to the policies defined in the section on "General Policies."**

**NOTE:** Tuition, fees, and other charges are subject to change at any time by the Idaho State Board of Education, acting as the Board of Trustees for Boise State University.

## Other Fees and Charges

If you enroll for fewer than eight credits, your fees are calculated according to the schedule shown in the following Table 5. Among the fees listed in Tables 5 and 6 are an application processing fee, music fees, special fees, and an overload fee. You pay the application processing fee once when you first apply for admission to BSU. You pay the music fee if you register for private music lessons, and you pay the overload fee whenever you enroll for more than 19 credits in a single semester.

Music fees are refundable, if you drop the class within the first 5 days of classroom instruction (see "Refund Policy," below).

**Application fees and overload fees are nonrefundable.**

**Table 5.**  
**Partial Graduate Fees, Per Semester,**  
**(less than 8 credits)**

Part-time Fees	\$125 per credit hour
Summer (1997)	\$113.75 per credit hour
Application Processing Fee	\$20 One-time; nonrefundable
Overload Fee	Per credit hour beyond 19 hours; nonrefundable

**Table 6.**  
**Fees for Private Music Lessons**

2 Credits	\$125
4 Credits	\$250

These music fees may be waived, however, if you are a music major enrolled for 8 or more credits. To be eligible to receive the waiver, you must be taking the class in order to satisfy a requirement for private performance study in a degree program. You must also be concurrently enrolled, for credit, in a major ensemble and in a concert class. You must receive a grade of C or higher in the ensemble and a grade of P (for Pass) in the concert class. For more information about this policy, and to apply for the waiver, contact the music department.

## Senior Citizen Rate

If space in a course is available, Idaho residents who are at least 60 years old may register for the course and pay \$5 per credit hour, a \$20 registration fee (per semester), and any special fees (such as for private music lessons or laboratory fees). To register at the senior citizen rate, first apply for admission, then request the form *Senior Citizen's Waiver* from the Cashier's Office, Administration Building, Room 211, Boise State University, 1910 University Drive, Boise, ID 83725. Fill it out according to the instructions. When you pay your registration charges, you will need to show the cashier your driver's license, birth certificate, or other proof of your age.

## Refund Policy

In general, if you completely withdraw from BSU on or before the fifth day of the semester, you are eligible to receive a full refund of the money you paid to register (less a \$25.00 processing fee). If you withdraw after the fifth day but before the tenth day of the semester, you are eligible to receive a 50% refund of the money you paid to register (less a \$25.00 processing fee). If you withdraw after the tenth day of classroom instruction, you receive no refund. No refunds for private music lessons can be granted after the first five (5) days of classroom instruction. Overload fees are not refunded.

**NOTE:** In determining whether you have met the deadline and are therefore eligible for a refund, BSU considers only the date on which you applied for a refund—not the date on which you stopped attending class. Please note, also, that registering late has no effect on refund deadlines; BSU cannot extend the deadlines to take into account a late registration. In summary, you must completely withdraw from the university **and** apply for your refund no later than the tenth day of classroom instruction.

This general refund policy applies to full-time and part-time students regularly enrolled at the time of the withdrawal. However, the policy may not necessarily govern refunds for short courses, special workshops, and Continuing Education



classes. Because refund policies for such classes may vary, you should direct any request for a refund to the academic unit or organization offering the class.

In some circumstances, you may be expecting a full refund of tuition and fees, yet receive less than the amount you have paid to BSU. If you owe money to the university, that money will be deducted from the refund before it is issued. Similarly, BSU will take a deduction from the refund check if you used financial aid to pay all or part of room-and-board costs, tuition, or registration charges. In such cases, BSU reimburses the government agency or other organization that furnished the financial aid. Any balance that remains is forwarded to you, usually three to four weeks after you withdraw from the university.

## Student Health Insurance Program

If you are a **full fee-paying student**, enrolled for 8 or more credit hours, you are covered under the University's Student Health Insurance Program. The premium is included in the fee schedule for each semester. Coverage begins on the first day of classroom instruction, or if fees are paid late, on the day the fees are paid. You are insured at home or school, while traveling and during all vacation periods 24 hours a day for the policy period. Coverage for the fall semester begins on the first day of class and ends on the first day of the spring semester. Spring semester benefits continue until the first day of the fall semester.

If you are a **part-time student**, enrolled for 3 or more credit hours, you may enroll for the Student Health Insurance at registration if you so desire. The premium is payable each semester in the Cashier's Office during the first 30 days of each semester. No billings will be sent for the insurance premium.

**Dependent coverage** is available to your dependents if you are a full time or part-time student. In order to purchase dependent coverage, you must also be insured under the Student Health Insurance Program. You may enroll your dependents by completing the enrollment form which is attached to the brochure, and paying the premium to the Student Health Insurance Representative in the Cashier's Office. Dependent coverage is voluntary and billings will not be sent.

**Refund Policy:** You may be exempt from participation in the Student Health Insurance Program if you have existing health insurance coverage. To claim exemption, you must complete and file a *Refund Petition* each academic semester after registering and prior to payment of your fees. Forms are available from the Health Insurance Representative in the Cashier's Office. Completed forms must be submitted to the Cashier's Office at the time of payment only.

**NOTE:** All full-time students may obtain medical assistance or services at the Student Health Services, 2103 University Drive, Boise, ID 83725. Student Health Service has **no connection** to the insurance program covering BSU students.

## Idaho Residency Requirements

When you are first admitted to BSU, the university classifies you as either a resident student or a nonresident student, then uses this classification to determine your tuition and fees. **It is the student's responsibility to apply for residency status.** This section briefly answers two of the most frequently asked questions about residency requirements. For further information, please contact the Cashier's Office, Administration Building, Room 211, Telephone: 208 385-1212.

**Q:** When I first enter the university, what determines my residency status?

**A:** For the purpose of calculating tuition and fees, your status is determined by your responses to several questions on your application for admission. In general, students are considered residents of Idaho if their parents have resided in Idaho for 12 consecutive months before the first day of classroom instruction.

**Q:** Can I appeal BSU's decision to classify me as a nonresident student?

**A:** Yes. To do so, obtain an appeal affidavit from the Cashier's Office, Administration Building, Room 211. Complete the form and submit it according to the instructions provided.

## Legal Definition of an Idaho Resident Student as specified in the Idaho Code, Section 33-3717.

2. A resident student is:

A. Any student who has one or more parent or court-appointed guardians who are domiciled in the State of Idaho. Domicile, in the case of a parent or guardian, means that individual's true, fixed and permanent home and place of habitation. It is the place where that individual intends to remain and to which that individual expects to return when that individual leaves without intending to establish a new domicile elsewhere. To qualify under this section, the parent, parents or guardian must **have maintained a bona fide domicile in the state of Idaho for at least one year prior to the opening day of the term for which the student matriculates.**

A.1 One (1) year is interpreted as twelve (12) consecutive months immediately preceding the opening date of the term for which resident status is requested.

B. Any student who receives less than fifty percent (50%) of his/her support from parents or legal guardians who are not residents of this state for voting purposes and who has continuously resided in the state of Idaho for 12 months next preceding the opening day of the period of instruction during which he/she proposes to attend the college or university **and who has in fact established**

## Tuition and Fees

### **a bona fide domicile in this state primarily for purposes other than educational.**

- B.1 "Continuously resided" is interpreted as physical presence in the state for twelve (12) consecutive months.
- B.2 Specified support applies to the twelve (12) month period immediately preceding the opening date of the term for which resident status is requested.
- B.3 Factors to be considered in determining bona fide domicile primarily for non-educational purposes are listed in subsection 4 below.
- C. **Subject to subsection three of this section**, any student who is a graduate of an accredited secondary school in the state of Idaho and who matriculates at a college or university in the state of Idaho during the term immediately following such graduation regardless of the residence of his/her parent or guardian.
  - C.1 Refer to subsection 3 for conditions which may limit the ability to qualify under this section.
- D. The spouse of a person who is classified, or who is eligible for classification, as a resident of the state of Idaho for the purposes of attending a college or university.
  - D.1 Request for classification under this section will require that a copy of the marriage certificate be filed, and the qualifying spouse may be required to submit proof of residency in the form of an affidavit.
- E. A member of the armed forces of the United States, stationed in the state of Idaho on military orders.
  - E.1 "Armed Forces" means the U.S. Army, Navy, Air Force and Marine Corps. Uniformed services such as Coast Guard or National Guard do not qualify for residency requirements.
  - E.2 Armed Forces members must be stationed in Idaho on active duty.
  - E.3 A certified copy of the military orders may be requested in support of this qualification for residency classification.
- F. A student whose parent or guardian is a member of the armed forces and stationed in the state of Idaho on military orders and who receives fifty percent (50%) or more of support from parents or legal guardians. The student, while in continuous attendance, shall not lose residence status when his/her parent is transferred on military orders.
  - F.1 Specified support must have been provided for the twelve (12) months immediately preceding the opening day of the term for which resident status is requested.
  - F.2 "Armed Forces" means the U.S. Army, Navy, Air Force and Marine Corp. Uniformed services such as Coast Guard or National Guard do not qualify for residency requirements.
  - F.3 Armed Forces members must be stationed in Idaho on active duty.
  - F.4 A certified copy of the military orders may be requested in support of this qualification for residency classification.
- G. A person separated, under honorable conditions, from the United States armed forces after at least two (2) years of service, who at the time of separation designates the state of Idaho as the intended domicile or who lists Idaho as the home of record in service and enters a college or university in the state of Idaho within one (1) year of the date of separation.
  - G.1 "Armed Forces" means the U.S. Army, Navy, Air Force and Marine Corp. Uniformed services such as Coast Guard or National Guard do not qualify for residency requirements.
  - G.2 "Two (2) years of service" shall mean two (2) years of active duty service. Reserve duty status does not qualify for residency requirements.
  - G.3 A certified copy of the DD-214 separation papers may be requested in support of this qualification for residency classification.
- H. Any individual who has been domiciled in the state of Idaho, has qualified and would otherwise be qualified under the provisions of this statute and who is away from the state for a period of less than one calendar year and has not established legal residence elsewhere provided a 12-month period of continuous residence has been established immediately prior to departure.
- I. A student who is a member of any of the following Idaho Native American Indian tribes, regardless of current domicile, shall be considered an Idaho state resident for purposes of tuition at institutions of higher education: Members of the following Idaho Native American Indian tribes, whose traditional and customary tribal boundaries included portions of the state of Idaho, or whose Indian tribe was granted reserved lands within the state of Idaho: (i) Coeur d'Alene tribe; (ii) Shoshone-Paiute tribes; (iii) Nez Perce tribe; (iv) Shoshone-Bannock tribes; (v) Kootenai tribe.
  - 2.1 **Note:** Any one (or more) of the characteristics described in A. through I. qualifies the individual as a resident for tuition purposes.
- 3. A "nonresident student" shall mean any student who does not qualify as a "resident student" under the provisions of subsection two of this section, and shall include:
  - A. A student attending an institution in this state with the aid of financial assistance provided by another state or governmental unit or agency therefore, such nonresidence continuing for one (1) year after the completion of the semester for which such assistance is last provided.
  - B. A person who is not a citizen of the United States of America, who does not have a permanent or temporary resident status or does not have "refugee-parolee" or "conditional entrant" status with the United States

Immigration and Naturalization Service or is not otherwise permanently residing in the United States under color of the Law and who does not also meet and comply with all applicable requirements of subsection 2 above.

4. The establishment of a new domicile in Idaho by a person formerly domiciled in another state has occurred if such a person is physically present in Idaho primarily for purposes other than educational and can show satisfactory proof that such person is without a present intention to return to such other state or to acquire a domicile at some other place outside of Idaho. Institutions determining whether a student is domiciled in the state of Idaho primarily for purposes other than educational shall consider, but shall not be limited to the following factors:
  - A. Registration and payment of Idaho taxes or fees on a motor vehicle, mobile home, travel trailer or other item of personal property for which state registration and the payment of a state tax or fee is required.
  - B. Filing of Idaho state income tax returns.
  - C. Permanent full-time employment or the hourly equivalent thereof in the state of Idaho for 12 consecutive months prior to semester applying for residency.
  - D. Registration to vote for state elected officials in Idaho at a general election.
  - E. Valid Idaho driver's license or Idaho ID card.
  - F. Rent receipts and utility receipts for one (1) year prior to the semester applying for residency.
- 4.1 Additional factors may include real property ownership, vacation employment, abandonment of previous domicile, presence of household goods and establishment and duration of account records with state financial institutions. Evidence of any of these factors for establishing permanent residency may be requested in support of this qualification.

**Note:** C, E, and F provide the best proof for quickest processing.



# Financial Aid for Graduate Students

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## If you have questions about assistantships:

Contact the Graduate College and Research  
Math/Geosciences Building, Room 140  
Telephone 208 385-3647

## If you have questions about scholarships and other forms of financial aid:

Contact the Financial Aid Office  
Administration Building, Room 117  
Telephone 208 385-1664  
FAX 208 385-1305  
<http://www.idbbsu.edu/finaid/>  
e-mail: [faquest@bsu.idbsu.edu](mailto:faquest@bsu.idbsu.edu)

# Financial Aid for Graduate Students

## Assistantships and Fellowships

Graduate students at BSU may apply for a wide variety of financial aid, drawn from an equally wide variety of sources. You should investigate any financial aid that seems appropriate to your circumstances, beginning with financial aid available from your department, your graduate-degree program, or the Graduate College.

Departments award assistantships and fellowships with a total value of \$6,500 to \$12,000 (including a stipend and a waiver of fees). In addition, non-resident tuition is waived for any non-resident student who receives an assistantship or fellowship award. You may obtain an application for an assistantship from the Graduate College, MG-140, or the department in which you are applying.

Graduate assistants and research assistants are expected to provide 15 to 20 hours of service per week to the university, while fellowship and scholarship recipients have no such service requirements.

If you are awarded a BSU assistantship or fellowship, you are required to enroll full-time in a graduate-degree program, maintain at least a 3.00 grade-point average, and make satisfactory progress toward your degree. If an assistant, you must receive satisfactory performance reviews each semester, in order to be eligible for reappointment.

When you accept a graduate assistantship, research assistantship, scholarship, or fellowship, you enter into an agreement with the Graduate College, one that both parties are expected to honor throughout the next year. If you accept an award before April 15, but change your mind about accepting, you may resign your appointment at any time through April 15. Your resignation must be in writing. After April 15, your acceptance of the award commits you to that appointment.

**NOTE:** Students who withdraw from the university, or who are dismissed from their degree program, forfeit their appointment or award.

## Deadline for Departmental Aid

You should apply for these awards when you apply for admission to the Graduate College—no later than March 1. If your application is received by the department after March 1, it may not be considered until the following year.

**NOTE:** Financial aid is available only to degree- or certificate-seeking students who are admitted to the university. If you have applied to a graduate degree program but have Unclassified status, you are not eligible for federal financial aid until your status is changed to Provisional or Regular.

## Other Financial Aid

If you are seeking any financial aid other than the assistantships and fellowships discussed above, you must submit the following documentation:

- *Free Application for Federal Student Aid (FAFSA).* The FAFSA is required of anyone applying for need-based aid. The forms are available from the Financial Aid Office in January.
- *Financial Aid Transcript.* You must submit a financial aid transcript from all post-secondary institutions you've attended—regardless of whether you received financial aid at those institutions.

In addition, the Financial Aid Office may require supporting documents before processing your financial aid application. If so, the Financial Aid Office will notify you that they need supporting documents. Documents typically requested include tax returns, proof of citizenship, proof of veteran's benefits, or permission to release private records.

**NOTE:** To increase your chances of receiving aid, you should mail all necessary forms and supporting documentation no later than March 1. Applications received after April 1, the priority deadline, may not be considered in time to be notified of an award until after registration for fall semester. Students registered for fall semester must meet the April 1 deadline to have aid available for midsummer billing.

In considering applications for financial aid, the Financial Aid Office makes every effort to ensure that resources available through the university are distributed fairly. If funds remain after distribution, applicants will be considered on a first-come, first-serve basis as long as the funds last. To determine need, the Financial Aid Office uses a formula mandated by the federal government.

The following section describes a sampling of financial aid programs for which BSU students may be eligible. Since different types of aid carry different obligations, we strongly recommend that you discuss your options with a financial aid counselor. To make an appointment with a counselor, call 208 385-1664.

## Federal Perkins Loans

Perkins Loans are long-term, low-interest loans awarded to both undergraduate and graduate students who show exceptional financial need. You must repay these loans according to a schedule established by federal law. Typically, you begin repaying your loan six or nine months after graduation or after your enrollment drops below four credits. Table 7, below, shows estimated repayment schedules for Perkins Loans of various amounts.

**Table 7. Estimated Repayment Schedule for Federal Perkins Loans (based on 5% interest rate)**

Loan Amount	Number of Payments	Amount of Payments	Total Interest	Total Amount
\$ 1,000.00	36	\$ 30.00*	\$ 78.85	\$1,078.85
2,000.00	79	30.00*	347.90	2,347.90
4,000.00	120	42.42	1,090.40	5,090.40
6,000.00	120	63.63	1,635.60	7,635.60
8,000.00	120	84.85	2,182.00	10,182.00
10,000.00	120	106.06	2,727.20	12,727.20

\* Final payment will be slightly less.

**NOTE:** Your actual payment obligations may differ from these examples, which are presented here only to illustrate a typical repayment plan.

## Federal Direct Stafford Loans

Direct Loans are need-based, long-term loans available to undergraduate and graduate students who show financial need. They usually carry a moderate variable rate of interest and are available directly through the BSU Financial Aid Office. To apply, complete the FAFSA available from the Financial Aid Office, Room 117, Administration Building.

BSU processes Direct Loan applications throughout the year. If you are awarded a Direct Loan, you must attend a debt management workshop before you can receive a check. Also, the Direct Loan commits you to participating in an exit interview when you graduate or withdraw from the university.

You are expected to begin repaying the loan six months after graduation or six months after you have dropped below four credit hours. Table 8, below, shows estimated repayment schedules for typical Direct Loans. Your actual debt and repayment plan may not match any of these examples; they are presented here merely to show typical loan amounts and repayment plans.

**Table 8. Estimated Repayment Schedule for Federal Direct Loans (based on 8% interest rate)**

Loan Amount	Number of Payments	Amount of Payments	Total Interest	Total Amount
\$ 2,500.00	60	\$ 50.70*	\$ 541.46	\$ 3,041.46
5,000.00	60	101.39*	1,082.92	6,082.92
10,000.00	120	121.33*	4,449.31	14,559.31
12,500.00	120	151.67*	5,699.14	18,199.14
25,000.00	120	303.33*	11,398.28	36,398.28

\*Final payment will be slightly less. Figures provided by the Student Loan Fund of Idaho.

## Federal Work Study Program (FWS)

This program gives undergraduate and graduate students the opportunity to earn money to pay for a portion of their educational expenses. Checks are paid directly to the student, who is responsible for paying outstanding debts. FWS aid is awarded to selected undergraduate and graduate students who show financial need.

## Atwell J. Perry College Work Study Program

This work-study program operates much like the Federal Work Study Program, giving undergraduate and graduate students the opportunity to earn money to pay for a portion of their educational expenses. Only Idaho residents are eligible.

## Waivers of Nonresident Tuition

These waivers are available to a limited number of undergraduate and graduate students. You must be considered an out-of-state resident for tuition purposes, have good academic records, and show financial need.

## BSU Student Employment Program

This program has limited funds available for undergraduate and graduate students who wish to work to pay a portion of their educational expenses. To be eligible, you must be unable to qualify for work study.

## Scholarships

BSU awards a variety of scholarships, some based on academic achievement, others based on special skills or on financial need. *Boise State University Scholarships*, produced by the Financial Aid Office, lists all of the scholarships available at BSU. If you're interested in any of these scholarships, complete the *BSU Application for Scholarship* and send it to the Financial Aid Office by March 1. Some need-based scholarships require that you submit the FAFSA, as well. If so, submit the FAFSA to the processor, as directed on the form, no later than February 1 to ensure that BSU receives it by March 1. You can obtain the brochure, the application, and the FAFSA from the Financial Aid Office, Room 117, Administration Building. A computerized national scholarship search database is available for student use in the Financial Aid Office.

# Financial Aid for Graduate Students

## Short-Term Loans

These loans are available to students with a minimum GPA of 2.00 who experience an emergency during an academic term. Recipients are expected to repay the loan within 90 days.

## Financial Aid for the Summer Session

The university has limited financial aid available for the summer session. If you need financial aid for the summer session, consult with the Financial Aid Office as soon as the summer *Directory of Classes* is available. Please note, also, that your FAFSA for the preceding year must be on file by May 1.

## Financial Aid for International Students

In order to be granted student visas, international students must demonstrate that they have enough money for one calendar year of university attendance. If you encounter financial difficulties, contact the international-student advisor. The advisor's office is in the Foreign Students Admissions Office, Room 107, Administration Building.

## Disbursing Funds

In May, the Financial Aid Office begins mailing award notices to scholarship recipients. Need-based aid, such as loans and work-study money, is awarded as it is processed. During fall semester, if your registration fees are paid, a check for the remaining funds will be mailed to you about one week before the start of classes. During spring semester, you can pay your spring registration fees with previously awarded aid. The balance of your aid will be mailed to you about one week before the start of classes, if your registration fees are paid. Other checks will be mailed about two weeks after the award letter is mailed.

Checks may be mailed up until two weeks after the close of classes. All checks are disbursed from Room 209, Administration Building. Direct deposit to your bank account is also available.

## Change in Enrollment Status

Some financial aid obligates you to remain enrolled for a certain number of credits throughout the semester. If you fall below that number, you may have to pay back some or all of the financial aid you received. Likewise, if you withdraw from BSU after receiving financial aid, you may have to pay back some or all of that financial aid. The amount you pay back is determined by the Financial Aid Office based on federal law. You will be notified in writing if a repayment is required.

No repayment is required if you withdraw after the tenth week, though the change may affect your ability to maintain reasonable academic progress.

## Reasonable Academic Progress

Students applying for or receiving financial aid must make reasonable academic progress at the university. Your academic progress is considered reasonable if you:

- enroll for the purpose of obtaining a degree or certificate (you must be admitted by the Graduate College as well as your specific program)
- maintain good academic standing (that is, you cannot be on probation or fail required courses in your discipline)
- complete your degree requirements within the maximum time allowed, which for purposes of determining reasonable academic progress is attempting 150% of the credit hours needed for the degree
- pass 75% of the credit hours attempted each year

## Credit Information and Requirements

In general, you must be enrolled in a minimum of four credits per semester to be eligible for financial aid under the policy of reasonable academic progress. The following can be used to establish that you are making reasonable academic progress:

- completion of 75% of the credits attempted for the year
- completion of the degree prior to attempting 150% of the required credit hours

The following cannot be used to establish that you are making reasonable academic progress:

- credits for courses in which you receive a grade of F
- credits for courses in which you have an incomplete
- course withdrawals and complete withdrawals after the tenth day of classes
- audits

## Reasonable Academic Progress Review

The university reviews all financial aid files annually. If you are not making reasonable academic progress (as defined by this policy) you will be ineligible for financial aid until you are once again making reasonable academic progress.

## Appeals

If the university declares you ineligible for failing to make reasonable academic progress, you have the right to file a written appeal for temporary exemption from this policy. In filing an appeal, you must document any extenuating circumstances that prevented you from making reasonable academic progress. If your appeal is granted, the exemption from this policy will remain in effect for only a short time, usually no longer than one semester. Appeal forms may be obtained from the Financial Aid Office. Appeals may be submitted up to the tenth week of the semester but will not be considered thereafter. Finally, you cannot file an appeal in one semester for an action brought about in the previous semester.

## Reinstatement

Before reinstating your financial-aid eligibility, the university must certify that you are now making reasonable academic progress. At the very least, you must no longer be on academic probation and you must have no credit deficiencies.



### Request applications and information from:

Student Residential Life  
Room 214, Administration Building  
Boise State University  
1910 University Drive, Boise, ID 83725  
Telephone 208 385-3986  
FAX 208 385-3305  
<http://bsuhousing.idbsu.edu/srl/housing.html>

### Return completed applications and security deposits to:

The Housing Cashier  
Room 213, Administration Building  
Boise State University  
1910 University Drive, Boise, ID 83725  
Telephone 208 385-3420

## Student Housing

### Housing On Campus and Elsewhere

BSU student housing consists of four residence halls located on campus and five apartment complexes within walking distance from campus. This section of the catalog contains brief descriptions of the student housing available through the Office of Student Residential Life. In addition, this section generally describes some of the policies and procedures of student housing and provides cost information for:

- room and meal plan options for the residence halls
- rental rates of university apartments for married and single students and students with families

Finally, this section notes the assistance BSU provides to students seeking off-campus housing.

**NOTE:** If you wish to live in university housing while attending BSU, you must submit at least two applications: one for housing and another for admission to the Graduate College. If you apply for housing, the Office of Student Residential Life may accept your application for housing, process the application, and accept payment from you for housing. However, none of those actions constitutes acceptance or approval of your application for admission to the Graduate College. Likewise, being accepted for admission into the Graduate College does not mean that your application for housing has been accepted and approved.

### University Residence Halls

Altogether, the four on-campus residence halls accommodate more than 890 students. Of those students, most are undergraduate students living in **Chaffee Hall** or **J. B. Barnes Towers**.

**Chaffee Hall** is divided into three separate 3-story units, one of which provides semi-private bathrooms; enclosed corridors connect the units to a common area containing a lounge, office, and recreational facility. Each floor has a small informal lounge, study room, bathrooms, and laundry facilities. Chaffee Hall, which also houses one of the university's computer labs, accommodates 425 residents.

**J.B. Barnes Towers** consists of six residential floors: the bottom two floors are men-only, the top two floors are women-only, and the two floors in between are coed. The carpeted and air-conditioned residence hall is equipped with study lounges, laundry facilities, and a computer lab. Four students occupy each room; each room has its own bathroom. This hall accommodates 300 residents.

Coed **Driscoll Hall** and its coed neighbor, **Morrison Hall**, are nearly identical in design: each hall contains 52 single and 15 double rooms, arranged into suites housing 8 to 12 students. Applicants requesting housing in Morrison Hall are given priority if they are upper-division students, over the age of 21, or both. Perhaps because of this policy, Morrison Hall has become the residence hall preferred by graduate students living on campus.

### Cost Information

If the Office of Student Residential Life accepts your application for housing in one of the residence halls, your contract covers room and board for one academic year, as well as the costs of local telephone service, hookup to cable TV, and state sales tax. Housing prices also include a non-refundable fee of \$25.00 to cover the expense of programs and special events held in the residence halls. Table 9, below, lists prices for housing in the residence halls, along with the meal options available.

**NOTE:** Students frequently ask about reduced rates for housing without a meal option. Unfortunately, the economics of on-campus housing require BSU to base its charges on both room and board. If you apply for on-campus housing, you must select one of the six meal options shown in Table 9.

# Student Housing

**Table 9.**  
**Residence Hall Prices for 1997-1998**

<b>Meal Options and 1997-1998 Prices</b>	<b>Double Room</b>	<b>Single Room</b>
Option 1 or 4	\$3370.00	\$3827.00
Option 2 or 5	\$3264.00	\$3721.00
Option 3 or 6	\$3106.00	\$3563.00

- Option 1:** 19 meals per week or three meals each weekday and two on Saturday and Sunday.
- Option 2:** Any 15 meals of the 19 available.
- Option 3:** Any 10 meals of the 19 available.
- Option 4:** \*135 meals and \$140 per semester of Flex Dollars
- Option 5:** \*100 meals and \$185 per semester of Flex Dollars
- Option 6:** \*70 meals and \$215 per semester of Flex Dollars

\*The Block Plan gives you the option of eating at Table Rock Cafe and using your Flex Dollars at any of the other Fine Host food centers. You can also use your card to take your friends to eat at Table Rock Cafe.

Please note that Table 9 defines options 1, 2, and 3 in terms of "meals per week." When you pay your bill for housing, you pay for the meals specified in the option you've selected. However, at the end of the year the university cannot give you a refund for any meals you paid for but did not eat. Likewise, the university cannot give you a refund at the end of a week for any meals you didn't eat, nor can you carry over uneaten meals from one week to the next.

**NOTE:** All room and board prices and other charges are subject to change at any time by the State Board of Education, acting as Trustees for Boise State University.

## Rules and Regulations

Together, this catalog and its counterpart for undergraduates, the *Boise State University Catalog*, establish many of the rules and regulations governing all students. In addition to the Catalog, rules and regulations are defined in the *BSU Student Handbook*, the *Residence Hall Contract*, and the *Residence Hall Handbook*. Housing contracts issued by the Office of Student Residential Life incorporate all of these rules and regulations, by reference.

## Housing Preferences

If your application for housing is accepted, BSU will assign you to a particular room in one of the four residence halls. In doing so, BSU will make every effort to accommodate the preferences you've indicated on the application. However, priority is given to returning students over new, and to the earliest application out of all applications received (based on the date we receive the application **and** the date we receive the deposit). If you have a roommate preference, the two of you should arrange for

your applications to arrive at about the same time, so you'll be about equal in priority. In any event, you should apply for housing as soon as possible, so that you can better your chances of receiving the accommodations you prefer. Finally, please note that the preferences indicated on a housing contract are not themselves contractually binding, though they will be honored whenever possible.

## Applying for On-Campus Housing

To apply for housing in one of the residence halls, request an application from the Office of New Student Information, Boise State University, 1910 University Drive, Boise, ID 83725. To request an application by telephone, call (208) 385-1820. When the application arrives, complete it according to the instructions and return it to BSU.

## University Apartments

Married and single students may apply to rent apartments in one of the complexes operated by BSU: University Courts, University Heights, University Manor, University Village, or University Park. Over 300 apartments are available, all within walking distance from the campus.

**University Courts** consists of one-bedroom units (small and large); two-bedroom units (small and large); and three-bedroom units, all of them carpeted and equipped with stoves and refrigerators. Coin-operated laundry facilities are located on site, and all utilities except electricity are provided.

**University Heights** and **University Manor** consist of one-bedroom and two-bedroom apartments, carpeted and equipped with stoves and refrigerators. Coin-operated laundry facilities are located on site, and all utilities are provided.

**University Park** consists of two-bedroom and three-bedroom units, partially carpeted and equipped with stoves, refrigerators, and disposals. Coin-operated laundry facilities are located on site, and all utilities except electricity are provided.

There is also one furnished, 5 bedroom, 2 bathroom graduate apartment. Each resident has their own private bedroom and shares the kitchen, living room, and bathrooms. All utilities are included in this unit.

**University Village** consists of two-bedroom apartments, carpeted and equipped with stoves, refrigerators, dishwashers, disposals, and also have central heating and cooling systems. Coin-operated laundry facilities are located on site, and all utilities except electricity and gas are provided.

## Eligibility

All BSU apartments are reserved for full-fee paying or matriculated married students and full-fee paying or matriculated single students with or without children. Students

without children are allowed to rent apartments if they are not needed by student families. Housing is awarded based on date application is received and priority is given to married students or those with children.

## Cost Information

Table 10 contains 1997-1998 monthly rental rates for units in the four apartment complexes operated by BSU.

**Table 10.**  
**Monthly Rental Rates for University Apartments**

### Rental Rates Per Month (1997-98 Prices):

#### University Courts

Small One Bedroom .....	\$342.00
Large One Bedroom .....	\$402.00
Small Two Bedroom .....	\$417.00
Large Two Bedroom .....	\$452.00
Three Bedroom .....	\$492.00

#### University Heights

One Bedroom .....	\$417.00
Two Bedroom .....	\$467.00

#### University Manor

One Bedroom .....	\$417.00
Two Bedroom .....	\$467.00

#### University Park

Two Bedroom .....	\$432.00
Three Bedroom .....	\$462.00
Graduate Unit .....	\$237.00

#### University Village

Two Bedroom .....	\$465.00
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**NOTE:** All rental rates and other charges are subject to change at any time by the State Board of Education, acting as Trustees for Boise State University.

## Applying to Rent an Apartment

To apply, request an application form from the Office of Student Residential Life, Room 214, Administration Building, Boise State University, Boise, ID 83725. After completing the application,

return it to the Housing Cashier, along with a check or money order for \$50.00. If your application is accepted, BSU will apply the \$50.00 toward your damage deposit, partially refundable when you move from the apartment.

BSU will notify you when an apartment is ready. When you move in, you must sign a lease that requires you to rent the apartment until the end of the month after the month in which you move into the apartment. Finally, you must pay a security deposit of \$250.00 (minus the \$50.00 you enclosed with your application).

When you move out of the apartment, BSU refunds the balance of your damage deposit minus a \$25.00 processing fee. If damage is present, some or all of your deposit may be applied to the cost of repairing the damage.

## Off-Campus Student Housing

To assist students in locating off-campus housing, the Office of Student Residential Life maintains lists of houses and apartments available for rent or lease from private parties. The University does not inspect any of the listed property, and it does not verify the accuracy of the listings. Therefore, we can assume no responsibility for the consequences of using these lists to locate suitable housing; that responsibility lies solely with the student. In any event, the University recommends that you put in writing any agreement you reach with a landlord or property owner, specifying the obligations and expectations of each party.

## Fair-Housing Notice

Boise State University is an equal-opportunity institution and offers its living accommodations without regard to race, color, national origin, or handicap (as provided for in Title VI and Title IX and Sections 503 and 504 of the Rehabilitation Act of 1973). As a matter of policy, assignments to university housing facilities are made without reference to race, color, national origin, or handicap. Furthermore, BSU accepts listings of off-campus, privately-owned accommodations with the understanding that the accommodations are operated in a manner consistent with BSU policies on fair housing.

## Student Services

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### If you have questions about student services, contact:

The Vice President for Student Affairs  
Administration Building, Room 208  
Telephone 208 385-1418  
FAX 208 385-3785  
<http://www.idbsu.edu:80/stuserv/>

## Directory of Student Services

### Academic

The following services are available to students seeking assistance with academic matters, from improving their writing, reading, and study skills to planning for a career.

#### The Writing Center

At the Writing Center, you can receive free one-to-one consultation on your writing, in any subject. The center is open six days a week, with hours ranging from early morning to early evening. Summer hours may vary. BSU faculty, staff, and students may use the center at the times listed below, though summer hours may vary.

- Monday 8:30 a.m. to 2:30 p.m. and 3:40 p.m. to 7:30 p.m.
- Tuesday through Thursday 8:30 a.m. to 7:30 p.m.
- Friday 8:30 a.m. to 4:30 p.m.
- Saturday 10:00 a.m. to 4:00 p.m.

To make the best use of the Writing Center, please make an appointment ahead of time. During busy times in the semester, the appointment chart fills up two to three days in advance. Bring a draft of your paper and, if possible, a copy of the assignment. If you don't have a full draft because you aren't sure how to begin or how to complete it, the Writing Center can still help.

**Writing Center, Room 220, Liberal Arts Building,  
(208) 385-1298.**

#### Test Preparation

Assisting students to prepare for graduate school is the focus of two short courses offered by BSU Continuing Education. The non-credit courses cover the following examinations:

- Graduate Records Exam (GRE)
- Graduate Management Admissions Test (GMAT)

**Continuing Education, Room 104, Library, West  
Entrance, 208 385-3492.**

#### Career Center

The Career Center offers advising, career planning, and employment assistance to students and alumni. Among other services, the center assists students in identifying and making career choices. Available to students are two automated career-guidance systems—the Idaho Career Information System and

SIGI PLUS—and a resource library of career-oriented publications. The center maintains placement files for graduating students and, upon request from students, forwards copies of the files to potential employers. For both graduating students and alumni, the center arranges campus interviews with employers from business, industry, government, school districts, and graduate schools.

**Career Center, 2065 University Drive, 208 385-1747.**

### Family and Health

The organizations listed below offer services related to family and health, from counseling and testing to child care and medical treatment.

#### University Children's Center

Child care is provided for children of University students, faculty, and staff from 7:00 a.m. until 5:30 p.m. Monday through Friday during fall and spring semesters and a ten-week program during summer session. The Center is housed in two locations: one at the northeast side of the Pavilion and the other at 1830 Beacon Street, at the corner of Oakland Avenue. Children must be between the ages of six weeks and five years.

The Center, licensed by the City of Boise and accredited by the National Academy of Early Childhood Education, provides an educational development program for the total child with a staff of Professional Early Childhood Educators. Students from a number of academic and vocational departments carry out field placements and class observations during the academic year.

**Children's Center, NE side of BSU Pavilion and  
1830 Beacon Street, 208 385-3979.**

#### Student Health Service

At no additional cost beyond the general fee paid at registration, full-time students may visit Student Health Service for outpatient medical care. Student Health Service is equipped to address more than 90% of the average student's health-care needs, and will gladly make referrals when tests or procedures are beyond the scope of the clinic's facilities and staffing. Directly across from Public Affairs/Arts West Building, the clinic is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, whenever classes are in session.

**Student Health Services, 2103 University Drive,  
Boise, ID 83725**

#### Counseling and Testing Center

The center's primary purpose is to help students become more effective in dealing with concerns that influence their pursuit of personal and academic goals. At no charge to students enrolled for six or more credit hours, the Counseling and Testing Center offers a wide range of services provided by staff psychologists, counselors, supervised counseling and social work interns, and paraprofessionals. Services range from individual counseling

and crisis intervention to workshops and seminars aimed at enhancing the overall learning environment at Boise State University.

In particular, the center assists students in resolving such matters as: interpersonal conflicts, test anxiety, stress-related problems, depression, marital and pre-marital difficulties, academic and career decision making, and personal social/emotional adjustment problems. The Center also administers many standardized tests, including CLEP, NTE, LSAT, GRE, GMAT, MAT and others.

To make an appointment, call between 8 a.m. and 5 p.m., Monday through Friday.

**Counseling and Testing Center, Room 605, Education Building, 208 385-1601.**

## Other Student Services

Listed below are a number of services and programs provided to students, staff, and faculty, including services offered by the Student Special Services Office, Foreign Student Admissions Office, the Women's Center, and the Veterans Services Office.

### Student Special Services Office

Located in the Administration Building, the Student Special Services Office provides a variety of services. The **Office of Disability Services** seeks to expand and develop university accommodations, thereby encouraging students with disabilities to pursue their educational objectives in the most equitable and independent manner possible. Among the services provided are:

- information and orientation to the university
- registration assistance, interpreter services, and note-taker services
- tutorial assistance

In addition, a limited amount of equipment is available for temporary use by disabled students, including a TTY, tape recorders, modified computer terminals, and FM hearing systems. Other equipment is available at the BSU Library, including a Vantage Eric-W, Braille typewriter, Braille dictionary, and a Talking Books player.

Working through the Student Special Services Office, the **BSU Minority Assistance Coordinator** serves as an advocate in matters concerning student support programs and assists in developing additional services that encourage students to stay in school. A primary objective is to provide opportunities for interaction that promote awareness, understanding, and cooperation among students, faculty, staff, and the community, as well as to encourage appreciation for a diverse population.

The Student Special Services Office also assists student organizations as they develop, implement, and coordinate ethnic/diverse programs, working with various groups at different times but generally collaborating with the Organization of Students of African Decent, Organization de Estudiantes Latino-Americanos, Barrier Busters, and Native American Student Association.

Located in the Student Union Building Annex II, **The Multi-Ethnic Center** is a place where students can meet in a relaxed, friendly atmosphere, perhaps after stopping by to scan the bulletin board for notices of internships, cooperatives, scholarships, and local job opportunities. Operated through the Student Special Services Office, the Multi-Ethnic Center also provides a forum for workshops aimed at helping students learn the skills they need for a successful experience at BSU.

**Student Special Services Office, Room 114, Administration Building (208) 385-1583 / TTY (208) 385-1454**

### International Students

The Foreign Student Services Coordinator and the Assistant to the Dean of Admissions serve as advisors to all international students, assisting with immigration regulations, visas, academic advising, orientation, and registration.

**NOTE:** As soon as possible after arriving in Boise, new international students must report to the Foreign Student Admissions Office, which serves as a central source of information for all registered international students.

**Foreign Student Admissions Office, Room 107, Administration Building, 208 385-1757.**

### Women's Center

Established as a "point of entry" where students' concerns can be handled directly or referred to the appropriate university office or community agency, the Women's Center provides support services and resources to enhance the quality of student life and promote academic success. Services include support groups, workshops, brown-bag lunches, a baby-sitting co-op, mentoring, a resource lending library, and information referrals. In addition, the center develops and promotes educational programming about the contributions, achievements, and concerns of women.

**The Women's Center, SUB Annex I, 1605 University Drive, (208) 385-4259.**

### Veterans Services Office

Located in the Administration Building, the Veterans Services Office provides counseling assistance to all of Idaho's Armed Forces veterans, reservists, National Guard members and their dependents. Peer counselors assist student veterans with admission requirements, Veterans Administration Educational benefits, Reserve Educational programs, individual educational goals, and family and personal difficulties. Veteran tutorial and work-study programs are also coordinated through the Veterans Services Office.

**Veterans Services Office, Room 111, Administration Building, (208) 385-3744.**

### Continuing Education

Dean: Joyce Harvey-Morgan  
Boise State University  
Division of Continuing Education  
Offices in the BSU Library, West Entrance, Room 104  
Telephone 208 385-1709  
FAX 208 385-3467  
<http://www.idbsu.edu/conted/>

#### Summer Session

A full complement of programs, courses, and services are offered through the Division of Continuing Education, including graduate, undergraduate, and non-credit programs in several time blocks during the summer: two 5-week sessions, an 8-week session, and a 10-week session. A variety of workshops are also offered each summer. The *BSU Directory of Classes* is available to students each April. For more information, call 208 385-1709.

#### Weekend University

Weekend University classes are offered on campus on Friday evenings, Saturdays, and Sunday afternoons. Courses are taught by BSU full-time and adjunct faculty. For more information, call 208 385-1709.

#### Evening Programs

The Division of Continuing Education coordinates the evening program on the BSU campus. Every college and most academic departments offer evening sections. Approximately 4,000 students attend BSU during the evening hours and courses are taught by BSU full-time and adjunct faculty.

#### Instructional Television

Students have the option of taking courses in their home utilizing Idaho Educational Public Television and locally-operated WBS Cable. Quality courses produced on-campus, using BSU faculty, and quality nationally-produced courses, using BSU faculty as facilitators, are available throughout the Treasure Valley. Video, combined with textbook readings, and in some cases, a limited number of face-to-face meetings with local faculty, provide students with flexible, responsive formats designed to meet their degree and educational needs. For more information, call 208 385-1709.

#### Computer Conferencing

Master of Science in Instructional & Performance Technology (Distance Option)—Qualified candidates may now earn a Master of Science degree in a unique, nonresidential course of study, one that uses modern communication technologies (Internet, computer conferencing, etc.) to deliver time- and location-flexible instruction to students thousand of miles from campus. Most students involved with the program are preparing

for careers in instructional design, job-performance improvement, human resources, training, and training management. For more information, call 208 385-1709 or 208 385-1312.

#### Knowledge Network

Using one-way video and two-way audio, BSU faculty broadcast live, interactive classes throughout the Treasure Valley to such receiving locations as the BSU Canyon County Campus, Mountain Home Air Force Base, Gowen Field, the Ada Community Library, and several hospitals and corporations in the Treasure Valley. At these locations, students view the broadcast on monitors and talk with the on-campus class through an open phone line. For more information, call 208 385-1709.

#### Distance Learning Network-Compressed Video

Using two-way video and two-way audio, BSU faculty broadcast live, interactive classes to the BSU Canyon County Center and ten rural Idaho high schools. These high schools are located in the following communities: Council, Caldwell, Emmett, Homedale, Melba, Mountain Home, Parma, Weiser, and Nampa (2 schools). At these locations, students view the broadcast on monitors and talk with the on-campus class through open phone lines. For more information, call 208 385-1709.

#### Internet Courses

Utilizing the Internet as the means for delivering course content, students can participate in these courses 24 hours per day, 7 days per week - literally from anywhere in the world that has Internet access. Computers open up a new variety of educational opportunities to individuals who are unable to attend traditional courses because of family, work, and/or physical limitations. For more information, call 208 385-1709.

#### Off-Campus Centers

At several locations in southwest Idaho, the Division of Continuing Education offers a wide range of academic courses, primarily in the evening. Advising, registration, book sales, and library services are available at the off-campus centers, and most locations serve as receiving sites for Knowledge Network classes broadcast from the Boise campus. The off-campus locations are:

BSU Canyon County Campus  
2407 Caldwell Boulevard, Nampa, ID 83651  
208 467-5707 or 208 385-4704

Capital High School  
8055 Goddard Road, Boise, ID 83704  
208 385-1709



Southwest Boise Campus  
Gowen Field, Boise, ID 83709  
208 389-5884 or 208 385-1709

Downtown Boise Center  
999 Main Street  
Boise, ID 83702  
208 385-1709

McCall/Valley County  
McCall/Donnelly High School  
McCall, ID 83638  
208 634-3957 or 208 385-1709

Mountain Home Air Force Base  
Mountain Home, ID 83648-5115  
208 828-6746 or 208 385-1709

Magic Valley/Twin Falls  
College of Southern Idaho campus  
Twin Falls, ID 83301  
208 736-2161

### In-Service Program for Teachers

Meeting the needs of educators in the 10 southwest counties of Idaho and Eastern Oregon, BSU's In-Service Program enables teachers to earn the credits required for recertification and salary advances. The program coordinator works closely with regional school districts, the Idaho State Department of Education, and the BSU College of Education to ensure that all course requests meet accreditation guidelines established by the Northwest Association, Commission of Colleges. Most of the in-service classes are conducted off campus, frequently outside of Boise. For more information, call 208 385-3191.

### Corporate Relations Program

Established by BSU's Division of Continuing Education in response to the needs of local corporations, the Corporate Relations Program provides a variety of services for local corporations, including educational programming, on-site registration, on-site courses, and assistance with billing procedures. For more information, call 208 385-1689.

### Continuing Education Units (CEUs and Certificate Programs)

A Continuing Education Unit (CEU) is a nationally standardized unit documenting participation in noncredit programs, courses, or workshops. The Division of Continuing Education approves and transcribes CEUs, which can be provided to employers as verification that you have completed a course in which CEUs

were granted. CEUs cannot be transferred to academic credit. For more information, call 208 385-3492.

The Division of Continuing Education offers certificates of completion in several credit and noncredit programs. The following are currently available:

- **Addictions Counselor Training Program**

Individuals interested in working in drug and alcohol addiction counseling may participate in this program for either academic credit or CEUs. In association with the Idaho Alcohol and Drug Counselor Education Project, the Addictions Counselor Training Program is designed to assist students in meeting the educational requirements for becoming certified chemical dependency technicians and credentialed alcohol and drug counselors. For more information, call 208 385-1709.

- **Dispute Resolution Certificate Program**

The Dispute Resolution Certificate Program is designed to fulfill the education requirement for Idaho certified mediators. Tracks with emphases in child custody, business, and education are available. For more information, call Suzanne McCorkle at 208 385-3928, or call the Division of Continuing Education at 208 385-1709.

- **Graduate Preparation Courses**

Assisting students to prepare for graduate admission exams is the focus of two short courses offered twice yearly by the Division of Continuing Education, telephone 208 385-3492. The noncredit courses cover the Graduate Record Exam (GRE) and the Graduate Management Admissions Test (GMAT).

### International Programs

Academic opportunities in a variety of countries are offered through BSU International Programs. Students and faculty may spend a semester, year, or summer in England, Spain, France, Germany, Italy, Canada, Thailand, Chile, Costa Rica, Mexico, and Australia.

Staying in local homes, studying a balanced curriculum, and participating in program excursions creates a rich cultural and academic experience for BSU students, who receive BSU credit for studies in these programs (scholarships are available). In addition, several short-term study tours to locations in Europe, the United States, and Asia are offered at various times of the year. For more information about International Programs, call 208 385-3652. For more information about study tours, call 208 385-3295.



## Graduate Programs

### Master of Science in Accountancy, Taxation

College of Business and Economics  
Business Building, Room 117G  
Telephone 208 385-1126  
FAX 208 385-4989  
<http://biz.idbsu.edu>  
e-mail: [abuanchu@cobfac.idbsu.edu](mailto:abuanchu@cobfac.idbsu.edu)

**Program Administrator:** J. Renee Anchustegui  
**Associate Dean for Academic and Student Affairs and Graduate Studies Director:** Harry White  
**Full Graduate Faculty:** Denise M. English, Thomas J. English, David R. Koeppen, William C. Lathen, John J. Medlin, C. Mike Merz, David Nix, E. Shawn Novak, Gordon Pirrong, Robert Zeke Sarikas  
**Adjunct Graduate Faculty:** Frank Ilett Jr.

### General Information

The Master of Science in Accountancy, Taxation at Boise State University is designed to prepare candidates for a career within the broader framework of general business decision making. In a world of complex tax laws, tax professionals must have a perspective extending beyond the details of the Internal Revenue Code. They must have expertise in the functions and limitations of revenue laws, in communicating their knowledge, and in assuring the efficiency and fairness of the tax system. As tax professionals progress in their career, they will receive added responsibilities, including managing employees and being advisors for a broad range of business decisions.

Graduates will develop technical competence and the business knowledge required to meet these additional demands. Thus, graduates may use their tax and business expertise to progress into positions such as controller, director of taxation, or chief financial officer of a corporation, or as a partner in or owner of their own firms.

Graduate Assistantships are available and cover the student's tuition and fees plus a stipend. Applicants must be admitted to the MSA program during their year of service. Application deadlines: Fall - March 1; Spring - October 1.

Under certain conditions, and with approval of the MSA program director and the department head concerned, MSA students may earn up to a maximum of 3 credit hours of Directed Research or internship credits that apply to graduation requirements.

### Application and Admission Requirements

Initial acceptance in order to take MSA classes is based on the applicant's academic performance, leadership experience, professional experience, aptitude for graduate study, and

managerial attributes. All applicants must fulfill the following requirements.

1. Applicants to the MSA program must have graduated from an accredited college or university with a Bachelor's degree. Applicants to the MSA, Taxation emphasis need not have a degree in accountancy, but must have completed the equivalent of AC 302, Survey of Federal Income Taxation. Copies of official transcripts are also required upon initial application.
2. A score of 500 on the Graduate Management Admission Test (GMAT) and a cumulative GPA of 3.0 (C = 2.0) are generally considered minimal. New applicants for the program should furnish documentary evidence of GMAT score at the same time official transcripts are provided. For fall enrollment, students should arrange to take the GMAT by January. For spring enrollment, the GMAT should be taken no later than June. Undergraduate students should plan to take the GMAT by the middle of the first semester of their senior year.
3. Students with English as a second language (ESL) must score a minimum of 550 on the TOEFL or its equivalent. ESL students must also take and pass an English proficiency exam at BSU before taking any graduate courses beyond their first semester.
4. Current professional resume which accurately reflects educational and professional work experience.
5. Two letters of reference (one preferably from an academic source) addressing the applicant's strengths and weaknesses, the benefits the applicant may receive from the MSA program, and what the applicant can contribute to the MSA program.
6. A brief response (maximum 2 pages, double spaced) discussing one of the following:
  - A. Career goals both short-term and long term. What role does an MSA program, in general, and BSU's MSA program in particular, play in helping the applicant achieve these goals?
  - B. Two or three situations in the past three years where the applicant has taken a leadership role. How do these events demonstrate the applicant's managerial potential?
  - C. A brief, candid self evaluation. Include some discussion of the abilities and attributes the applicant believes are their strengths and some discussion of areas where the applicant would like to develop more fully. What does the applicant consider most unique or distinctive about themselves?
7. There is limited space available in the graduate program. Meeting the minimum admission standards does not guarantee acceptance into the program. Final acceptance leading to a Master's degree is based upon the Graduate College's evaluation and acceptance of the applicant.

**Professionals who want to take graduate tax courses but have not committed to the entire degree program,**

# Master of Science in Accountancy

## need to provide the following information to the Business Graduate Studies Office:

- A. A graduate application with the \$20 matriculation fee;
- B. A current resume;
- C. Transcripts of prior degree and a short letter stating they are taking the course for Continuing Professional Education (CPE).

The professional may take a maximum of three courses before admission to the MSA program. Before taking a fourth course, the student must have completed the GMAT, letters of recommendation, and any other admission requirements.

### Application packet deadlines:

Summer, Fall entry .....March 1  
Spring entry .....October 1

## Degree Requirements

Master of Science in Accountancy, Taxation	
Course Number and Title	Credits
The MSA degree consists of a minimum of 30 semester hours of credit from offerings described below:	
<b>Required Courses:</b>	18
AC 520 Research in Federal Taxation.....3	
AC 525 Partnership Tax Law .....3	
AC 530 Corporate Tax Law I.....3	
AC 533 Corporate Tax Law II.....3	
AC 535 Estate & Gift Taxation .....3	
AC 545 Real Estate Tax Law .....3	
<b>Elective Courses:</b>	3
AC 555 Farm & Natural Resource Taxation.....3	
AC 560 Income Taxation of Trusts & Estates ....3	
AC 565 Deferred Compensation Taxation.....3	
AC 570 State Taxation & Procedures.....3	
AC 575 International Taxation.....3	
AC 577 Computer Applications in Taxation .....3	
AC 579 Current Tax Topics & Policy Issues.....3	
AC 590 Practicum/Internship.....3	
<b>Non-Accountancy Electives:</b>	6
Elective chosen from non-accountancy graduate or undergraduate G courses. (G courses are limited to a maximum of 3 credits.)	
Priority enrollment status is granted to MGA students in the MBA courses. Non-MBA students may enroll in MBA classes on a space available basis.	
Approved Tax Accounting Internship, Professional Paper, or other Approved Graduate course:	3
The professional paper must be on an approved topic, coordinated; and supervised by a committee assigned by the Department of Accountancy. An advisor is assigned to each MSA major in order to assist in the choices available to the candidate.	
<b>Total</b>	<b>30</b>

## Course Offerings

### AC ACCOUNTANCY

**AC 440G ACCOUNTING THEORY (3-0-3) (F/S).** This course covers measurement theory and its implications for asset valuation and income determination. Specialized study of revenue recognition, accounting for changing prices, and basic financial analysis. Emphasizes development of analytical and written communication skills. Computer applications are also used throughout the course. PREREQ: Upper-division business standing and AC 306.

**AC 520 RESEARCH IN FEDERAL TAXATION (3-0-3).** Instruction in all aspects of tax research including legislative, administrative and judicial sources; major tax services; tax planning software and LEXIS; writing and negotiation skills.

**AC 525 PARTNERSHIP TAX LAW (3-0-3).** Tax meaning of partnership, formation transactions between partner and partnership; determination and treatment of partnership income; sales and exchanges of partnership interest; distributions; retirement; death of a partner; drafting the partnership agreement.

**AC 530 CORPORATE TAX LAW I (3-0-3).** Tax considerations in corporate formation, distributions, redemptions, and liquidations. Includes personal holding companies, accumulated earnings tax, collapsible corporations and taxing affiliated groups.

**AC 533 CORPORATE TAX LAW II (3-0-3).** Subchapter S corporations, professional corporations, and reorganizations.

**AC 535 ESTATE AND GIFT TAXATION (3-0-3).** Federal estate and gift taxes, including estate planning.

**AC 545 REAL ESTATE TAX LAW (3-0-3).** Basis considerations, depreciation, and problems incident to the sale, exchange, and other disposition of property, including recognition and characterization concepts.

**AC 555 FARM AND NATURAL RESOURCE TAXATION (3-0-3).** Farm, forestry, mining, and oil and gas tax practices and issues.

**AC 560 INCOME TAXATION OF TRUSTS AND ESTATES (3-0-3).** Taxation of income of trusts and estates, with emphasis of income required to be distributed currently, equivocal distributions of income corpus, and accumulation distributions; other fiduciary tax problems, including the treatment of income in respect of decedents.

**AC 565 DEFERRED COMPENSATION TAXATION (3-0-3).** Study begins with the ERISA rules and includes changes and updates for deferred compensation to the current date.

**AC 570 STATE TAXATION AND PROCEDURES (3-0-3).** State income tax issues, sales and use taxes, state and federal income tax procedures.

**AC 575 INTERNATIONAL TAXATION (3-0-3).** Multinational tax law for domestic corporations with operations abroad and nonresident citizens.

**AC 577 COMPUTER APPLICATIONS IN TAXATION (3-0-3).** State of the art tax computer software applications including emphasis on tax planning considerations; writing and negotiation skills.

**AC 579 CURRENT TAX TOPICS (3-0-3).** Topics may vary but will mostly be intense studies of major new tax bills; writing, presentation and negotiation skills.

**AC 590 PRACTICUM/INTERNSHIP (3-0-3).**

# Master of Arts or Science in Biology

Department of Biology  
Science/Nursing Building, Room 223  
Telephone 208 385-3262  
FAX 208 385-3006  
<http://www.idbsu.edu/biology/biohome.htm>  
e-mail: [jlong@quartz.idbsu.edu](mailto:jlong@quartz.idbsu.edu)

### Department Chair and Graduate Program

**Coordinator:** James Long

**Full Graduate Faculty:** Charles Baker, Marc Bechard, James Belthoff, Russell Centanni, Alfred Dufty, Dorothy Douglas, Eugene Fuller, Peter Koetsier, James Long, Richard McCloskey, James Munger, Steven Novak, Russell Ott, Robert Rychert, James Smith, Marcia Wicklow-Howard

**Adjunct Graduate Faculty:** Jonathan Bart, John Beecham, Susan Earnst, Stuart Hardegree, Lloyd Kiff, Steven Knick, Michael Kochert, Hugh McIsaac, Wayne Melquist, Roger Rosentreter, Rex Sallabanks, Rick Williams

## General Information

The Department of Biology offers degree programs leading to either a Master of Arts (M.A.) or a Master of Science (M.S.) degree. Professional biologists, teachers in public and private schools, and others can use these programs to increase their knowledge base and to advance professionally.

## Admission Requirements

All individuals admitted to REGULAR STATUS as graduate students in biology must have:

- an undergraduate GPA of at least 3.00 on a 4-point system;
- results that average in the 50th or higher percentile in the verbal, quantitative, and analytical portions of the GRE exam;
- an undergraduate degree in biology or a closely related field.

PROVISIONAL STATUS may be granted to those otherwise promising applicants who do not meet GPA or GRE requirements or who have undergraduate coursework deficiencies.

Initial evaluation of applicants will be undertaken by the Graduate Coordinating Committee. This committee will, in cooperation with the student's major professor and advisory committee, assess progress in thesis/project research, progress and performance in coursework, and performance as a teaching assistant (where applicable). Continuing enrollment in the program requires a 3.0 GPA and satisfactory progress toward completing the degree.

Each student will form a thesis/project advisory committee, which will consist of at least three members: the student's major professor (a Boise State University faculty member) and

two other members from the Boise State University faculty or other institutions. The committee will determine if academic deficiencies exist that must be remedied, help design thesis/project research, help choose appropriate graduate coursework, evaluate the thesis/project, and conduct the final defense.

Enrollment in the program is limited. Applications are due March 1 for fall admission and October 1 for spring admission. For additional information on the department, faculty, and potential projects, visit the departmental web site ([www.idbsu.edu/biologybiohome.htm](http://www.idbsu.edu/biologybiohome.htm)). To apply,

1. Submit a graduate application along with the \$20.00 matriculation fee to the Graduate Admissions Office. Please submit the application *PRIOR* to submitting any additional items.
2. Have the Registrar(s) of *ALL* post-secondary institutions attended send official transcripts.
3. Submit three letters of recommendation.
4. Have Graduate Record Exam scores forwarded.
5. Send a cover letter discussing your professional goals, research interests, and reasons for wishing to study biology at Boise State University.
6. Your graduate application, matriculation fee, transcripts, GRE scores, letters of recommendation, and cover letter should be sent to the Graduate Admissions Office, Boise State University, 1910 University Drive, Boise, ID 83725.

## Financial Aid

Teaching Assistantships that include a stipend, a tuition and fee waiver, and student health insurance will be available on a competitive basis. Additional support for master's research projects is available from faculty members. Other forms of financial aid, such as loans or the College Work Study Program, are available to graduate students. Prospective students should contact the Financial Aid Office and consult the BSU catalog.

## Degree Requirements

The M.A. is an application-based degree. The M.A. candidate will complete a project that may be an application or synthesis of original research carried out by others. Examples of such projects include development of biology-based curricula, compilation and analysis of studies on a range of species, review and the synthesis of a body of ideas or data, and development of a resource management plan based on relevant studies.

The M.S. is a research-based degree. The M.S. candidate will complete a thesis based on original research carried out by the student. Ideally, the thesis should make a significant contribution to the body of scientific knowledge and be of sufficient quality to warrant publication in a peer-reviewed journal.



## Master of Arts or Science in Biology

To assure breadth as well as depth of knowledge in the biological sciences, all students in both the M.A. program and the M.S. program will complete a core curriculum consisting of at least one course from each of the following areas:

Ecology/Evolution, Systematics/Morphology, and Molecular Biology/Physiology. All M.S. students will be required and all M.A. students strongly encouraged to complete a graduate level statistics course.

Students will be expected to produce a written thesis/project proposal and give an oral presentation of that proposal during their first year. Completion of either program requires an average grade of B or better for all courses applied to the 30-33 credits required, an oral defense of the thesis/project results, and an exit seminar to present results to the public. All requirements for the degree and graduation must be completed with a period of seven years.

### Master of Arts in Biology

Course Number and Title	Credits
B 598 Graduate Seminar	2
B 591 Project	6
Core Courses: Select at least one course from each of the areas listed below.	9-12
Electives: Courses not used to meet core requirements may be used as elective credit. Electives for the M.A. may include up to a combined total of 6 credits of workshop credits, practicum/internship credits, directed research credits, and credits from courses outside the biological sciences. Workshop, directed research, and practicum/internship credits are limited to a maximum of 3 credits each.	13-16
<b>Total</b>	<b>33</b>

### Master of Science in Biology

Course Number and Title	Credits
B 501 Biometry	4
B 598 Graduate Seminar	2
B 593 Thesis	6
Core Courses: Select at least one course from each of the areas listed below.	9-12
Electives: Courses not used to meet core requirements may be used as elective credit. Electives for the M.S. may include a maximum of 6 credits of directed research.	6-9
<b>Total</b>	<b>30</b>
M.S. students may not use pass/fail credits, workshop credits, or practicum/internship credits to fulfill graduation requirements.	

## Master of Arts or Science in Biology Courses Offered as Core or Elective Credit

Select at least one core course from each of the following areas:

### Ecology/Evolution

B 323G General Ecology	4
B 401G Organic Evolution	3
B 502 Population and Community Ecology	3
B 506 Raptor Ecology	3
B 527 Stream Ecology	4
B 529 Modern Methods in Ecology and Evolution	3
B 533 Behavioral Ecology	3
B 534 Animal Behavior	4
BT 524 Plant Community Ecology	3

### Systematics/Morphology

B 412G General Parasitology	3
B 517 Species and Speciation	3
BT 302G Plant Anatomy	4
BT 311G Plant Morphology	4
BT 330G Mycology	4
Z 301G Comparative Vertebrate Anatomy	4
Z 305G Entomology	4
Z 341G Ornithology	3
Z 351G Vertebrate Embryology	4
Z 355G Vertebrate Natural History	4
Z 400G Vertebrate Histology	4
Z 421G Mammalogy	3

### Molecular Biology/Physiology

B 310G Pathogenic Bacteriology	4
B 415G Applied and Environmental Microbiology	4
B 420G Immunology	3
B 445G Human Genetics	3
BT 401G Plant Physiology	4
Z 401G Human Physiology	4
Z 509 General and Comparative Physiology	4
Z 515 Avian Physiology	3
Z 535 Behavioral Endocrinology	3

### Other Elective Courses and Workshops

B 501 Biometry	4
B 503 Advanced Biometry	4
B 528 Geographic Information Systems in Biology	3
B 591 Project	1-6
B 593 Thesis Research	1-6
B 594 Environmental Education Workshops	1-2
B 598 Graduate Seminar	1

## Course Offerings

### B BIOLOGY

**B 310G PATHOGENIC BACTERIOLOGY (2-6-4)(S).** Medically important bacteria, rickettsia, and chlamydia are surveyed with emphasis on their pathogenicity, host-parasite relationships, and the clinical and diagnostic aspects of the diseases they produce in humans and animals. Offered odd-numbered years. PREREQ: B 205 or B 303 or PERM/INST.

**B 323G ECOLOGY (3-3-4)(F/S).** A study of how physical and biological factors determine the abundance and distribution of plants and animals. Concepts at the physiological population, community,



and ecosystems level will be discussed. Field and laboratory exercises will investigate questions concerning habitat, populations and communities. Weekend field trips may be taken. PREREQ: BT 130 and Z 130 or PERM/INST.

**B 401G ORGANIC EVOLUTION (3-0-3)(S).** Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, specialization, phylogeny. Genetics recommended. Offered odd numbered years. PREREQ: B 301 or PERM/INST.

**B 412G GENERAL PARASITOLOGY (2-3-3)(S).** Animal parasites with emphasis on those of man and his domestic animals. Lectures cover general biology, life history, structure, function, distribution, and significance of parasites. Laboratory provides experience in identification and detection. PREREQ: B 301, PERM/INST.

**B 415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S).** Microbial populations and processes in soil and water. Water and food-borne pathogens. Microbiological and biochemical methods of environmental assessment. PREREQ: B 303, PERM/INST.

**B 420G IMMUNOLOGY (3-0-3)(S).** A survey of the principles of immunology, host defense systems, the immune response, immune disorders, serology and other related topics. Representative laboratory procedures will be demonstrated. PREREQ: B 303, PERM/INST.

**B 423G ECOLOGY (3-3-4)(F/S).** A survey of the physical factors of the environment and their effect of the mode on life and distribution of plants and animals. Environmental and biological interrelationships of organisms will be discussed. Field and laboratory investigation into topics of physical habitat, populations, communities, pollution, etc. Weekend field trips may be taken. PREREQ: BT 130, Z 230, PERM/INST.

**B 445G HUMAN GENETICS (3-0-3)(S).** Discussion of important aspects of human heredity. Topics include the reproductive system, single gene disorders, chromosome abnormalities, hemoglobinopathies inborn errors of metabolism, somatic cell and molecular genetics, immunogenetics, gene screening, and human variation and evolution. PREREQ: B 343 or PERM/INST.

**B 501 BIOMETRY (4-0-4)(F).** An application of statistical methods to problems in the biological sciences. Basic concepts of hypothesis testing; estimation and confidence intervals; t-tests and chi-square tests. Linear and nonlinear regression theory and analysis of variance. Techniques in multivariate and nonparametric statistics. PREREQ: M 111 or equivalent, or PERM/INST.

**B 502 POPULATION AND COMMUNITY ECOLOGY (3-0-3)(F).** The structure of populations and communities. Competition, predation, life history strategies, demography, population regulation, and species diversity are examined from experimental and theoretical perspectives. PREREQ: B 423 or equivalent, or PERM/INST.

**B 503 ADVANCED BIOMETRY (3-3-4)(S).** A survey of experimental design and selected multivariate techniques. The course is designed to assist students in selecting proper statistical techniques for gathering and analyzing biological data, and correctly interpreting the statistical analysis of their data. Prior experience with Statistical Analysis System (SAS) is helpful. Offered even-numbered years. PREREQ: B 501 or PERM/INST.

**B 506 RAPTOR ECOLOGY (3-0-3)(S).** Theoretical ecology as applied to birds of prey. Strategies of reproduction, habitat selection, foraging and spacing; theory of competition and predator-prey interactions; niche theory and community structure; raptor management. PREREQ: B 423 or equivalent, or PERM/INST.

**B 517 SPECIES AND SPECIATION (3-0-3)(F).** Species definitions are fundamental for all investigations in the biological sciences. This

course will investigate the numerous species concepts proposed over the last 100 years with an emphasis on primary literature. Concepts to be discussed will include biological, phylogenetic, genealogical, and evolutionary species concepts. The second part of the course will emphasize the processes involved in speciation, looking at both micro- and macroevolutionary events. Offered odd-numbered years. PREREQ: B 401-401G (or equivalent) or PERM/INST.

**B 527 STREAM ECOLOGY (3-3-4)(F).** The biology and ecology of flowing waters is emphasized; their biota, management, and ecology at both the community and ecosystem level will be discussed. Offered odd-numbered years. PREREQ: B 323 or B 323G or PERM/INST.

**B 528 GEOGRAPHIC INFORMATION SYSTEMS IN BIOLOGY (3-0-3)(S).** Discussion of the use of Geographic Information Systems to apply spatial data to ecological problems. Analysis of the ways that spatial relations affect patterns, processes, and decision making at multiple scales. Specific topics covered include GAP analysis, habitat modeling, spatially-explicit population modeling, landscape ecology, home range analysis, interpretation of satellite imagery, and natural resource issues. PREREQ: Graduate standing or PERM/INST.

**B 529 MODERN METHODS IN ECOLOGY AND BEHAVIOR (2-3-3)(S).** Instruction in the theory, practice, and analysis of modern methods used in ecological and evolutionary studies will be provided. Methods to be covered include: cytology, isozyme electrophoresis, DNA restriction site analysis, DNA sequencing, and RAPD analysis. Offered odd-numbered years. PREREQ: PERM/INST.

**B 533 BEHAVIORAL ECOLOGY (3-0-3)(F).** This course focuses on the evolutionary significance of animal behavior in relation to the ecology of the organisms. Using theoretical background and recent empirical evidence, mating systems, foraging, parental care, selfishness and altruism, competition, territoriality, and other behavioral patterns will be assessed in relation to the survival and reproduction of animals. PREREQ: B 323 or B 323G or PERM/INST.

## BT BOTANY

**BT 302G PLANT ANATOMY (3-3-4)(F).** A study of the structure and development of vascular plant tissues, regions, and organs. Emphasis will be placed on the Angiosperms. PREREQ: BT 130 and B 301 or PERM/INST.

**BT 305G SYSTEMATIC BOTANY (2-6-4)(S).** Fundamental problems of taxonomy. Discussion of historical developments of classification systems and comparison of recent systems. Instruction on the use of keys and manuals. PREREQ: BT 130 or PERM/INST.

**BT 311G PLANT MORPHOLOGY (3-3-4)(F).** A comparative study of the structure, function, reproduction, and development of major plant groups. Phylogeny, paleobotany, and economic importance of various plant groups will be considered. PREREQ: BT 130 or PERM/INST.

**BT 330G MYCOLOGY (3-3-4)(F).** A study of the biology of fungi with emphasis on their classification, morphology and development, identification, ecology, and economic significance. Laboratory work will include projects and field trips. PREREQ: BT 130, PERM/INST.

**BT 401G PLANT PHYSIOLOGY (3-3-4)(F).** Emphasis placed on physical and chemical processes of plant body functions. Includes coverage of cell, tissue, and organ function; mineral requirements, metabolism, water uptake, photosynthesis; soil chemistry, and the alkaloids and glucosides synthesized by plants. BT 302 and PH 101, 102 recommended. Offered odd numbered years, PREREQ: BT 310, C 317, PERM/INST.

**BT 524 PLANT COMMUNITY ECOLOGY (3-3-4)(F).** A study of the properties, structure, method of analysis, classification, and

## Master of Arts or Science in Biology

dynamic nature of plant communities. Topics for discussion will include the strengths and weaknesses of various sampling techniques, the role of disturbance events and succession on community structure, and the role of biological interaction as factors influencing the assembly of communities. Laboratory work will emphasize vegetation sampling methods and habitat type classification for plant communities in this region as well as methods of analyzing and reporting this data. PREREQ: B 323 or B 323G or PERM/INST.

### Z ZOOLOGY

#### **Z 301G COMPARATIVE VERTEBRATE ANATOMY (2-6-4)(F).**

The evolutionary development of vertebrate anatomy, fishes through mammals. Dissection of the shark, salamander, cat plus demonstrations of other vertebrate types. PREREQ: Z 230 or PERM/INST.

**Z 305G ENTOMOLOGY (2-6-4)(F).** Biology of insects with emphasis on identification and life cycles for students who have completed one year of college level biology. Laboratory includes field trips to collect and identify local species. Insect collection required. Students should meet with instructor the spring or summer before enrolling. PREREQ: PERM/INST.

**Z 341G ORNITHOLOGY (2-3-3)(S).** Birds as examples of biological principles: classification, identification, ecology, behavior, life histories, distribution, and adaptations of birds. Two weekend field trips. Offered odd numbered years. PREREQ: Z 230, PERM/INST.

**Z 351G VERTEBRATE EMBRYOLOGY (2-6-4)(S).** Germ cell development comparative patterns of cleavage and gastrulation, neurulation and induction, and development of human organ systems. Laboratory studies of frog, chick, and pig development. PREREQ: Z 230 or PERM/INST.

**Z 355G VERTEBRATE NATURAL HISTORY (2-6-4)(F).** Classification, identification, evolution, ecological relationships, behavior, and life histories of fish, amphibians, reptiles, birds, and mammals. Two weekend field trips. PREREQ: Z 230 or PERM/INST.

**Z400G VERTEBRATE HISTOLOGY (2-6-4)(F).** Microscopic anatomy of cell, tissues, and organ systems of vertebrates. Major emphasis will be on mammalian systems. Z 301 or Z 351 is recommended prior to enrollment. PREREQ: Z 230 or PERM/INST.

**Z401G HUMAN PHYSIOLOGY (3-3-4)(S).** Functional aspects of human tissues and organ systems with emphasis on regulatory and homeostatic mechanisms. PREREQ: One year of college biology and C 317 or PERM/INST.

**Z 421G MAMMALOLOGY (2-3-3)(S).** Mammals as examples of biological principles: classification, identification, distribution, ecology, life histories, and adaptations of mammals. Two weekend field trips. Offered even numbered years. PREREQ: Z 355, PERM/INST.

**Z 509 GENERAL AND COMPARATIVE PHYSIOLOGY (3-3-4)(S).** Physiological principles common to all forms of animal life are discussed. Physiological adaptations required to live in a variety of environments are presented. PREREQ: Z 230, C 317 or PERM/INST.

**Z 515 AVIAN PHYSIOLOGY (3-0-3)(F).** The physiology of flight, cardiovascular, pulmonary, digestive, water and electrolyte, egg, and reproductive physiology are covered. Correlations between unique aspects of avian structure and function are emphasized. Offered odd-numbered years. PREREQ: Graduate standing or PERM/INST.

**Z 534 ANIMAL BEHAVIOR (3-3-4)(S).** This course focuses on the concepts and processes of animal behavior, with particular emphasis on proximate perspectives. The history of the study of animal behavior, behavioral genetics, the nervous system and behavior, hormones and behavior, ontogeny of behavior, learning and

motivation, and other aspects of behavior such as migration, orientation, and navigation will be presented. Offered odd-numbered years. PREREQ: B 323 or B 323G or PERM/INST.

**Z 535 BEHAVIORAL ENDOCRINOLOGY (3-0-3)(S).** An examination of the endocrine system and the hormonal mechanisms associated with social behavior and aggression, reproductive and parental behavior, biological rhythms, etc. Each student is expected to investigate and lead a discussion on an assigned topic. Offered even-numbered years. PREREQ: Animal Physiology or PERM/INST.

**SPECIAL TOPICS.** Courses are offered in response to student interest and are in addition to formal courses listed above.

## Master of Business Administration

College of Business and Economics

Business Building, Room 117G

Telephone 208 385-1126

FAX 208 385-4989

<http://biz.idbsu.edu>

e-mail: [abuanchu@cobfac.idbsu.edu](mailto:abuanchu@cobfac.idbsu.edu)

**Program Administrator:** J. Renee Anchustegui  
**Associate Dean for Academic and Student Affairs and Graduate Studies Director:** Harry White

### Accountancy

**Full Graduate Faculty:** Denise M. English, Thomas J. English, David R. Koeppen, William C. Lathen, John J. Medlin, C. Mike Merz, David Nix, E. Shawn Novak, Gordon Pirrong, Robert Zeke Sarikas

**Adjunct Graduate Faculty:** Frank Ilett Jr

### CIS & Production Management

**Full Graduate Faculty:** Robert Anson, Susan Brender, Phillip Fry, V. Lyman Gallup, Gary I. Green, David F. Groebner, Jerry LaCava, Robert Minch, Murli Nagasundaram, Patrick Shannon

### Economics

**Full Graduate Faculty:** Gerald Draayer, Peter Lichtenstein, Christine Loucks, Richard Payne, Arun Raha, Larry Reynolds, Chuck Skoro, Charlotte Twilight

### Management

**Full Graduate Faculty:** John Bigelow, Michael B. Bixby, Michael P. Fronmueller, Roy Glen, Newell Gough, Nancy K. Napier, William A. Wines

### Marketing and Finance

**Full Graduate Faculty:** Dwayne Barney, Alan Frankle, Mohan Limaye, Douglas J. Lincoln, Matthew Maher, K. G. McCain, Nina Ray, Diane Schooley, Tom Stitzel, Harry White

**Associate Graduate Faculty:** Ed Petkus, Richard Pompian, Kirk Smith

## Vietnam MBA Program

**Adjunct Graduate Faculty:** Don Baron, Nancy L. Bodie, James Carlson, Dennis McCornac, John D. McIntyre, Jr., Brigida Octavio, Nguyen Quy, David Richards, Robert Schlesinger.

## General Information

The Master of Business Administration at Boise State University is designed to provide a high quality academic program to assist in the development of tomorrow's business leaders. Emphasizing the needs of fully employed students, the program strives to provide students with a thorough grounding in each of the functional business areas. Integration of student's knowledge across these functional disciplines is one of the program's key objectives.

The MBA program provides a general management perspective that requires students to consider the social, environmental, and ethical context of managerial actions and enables them to target problems, select viable alternatives, and take appropriate action.

Teaching styles among the faculty range from formal textbook and supplementary syllabus readings to case methods, simulation and fieldwork. In addition to lectures, research projects, case analysis, discussion groups and guest speakers, several courses incorporate group projects as an integral part of the learning.

Graduate Assistantships are available and cover the student's tuition and fees plus a stipend. Applicants must be admitted to the MBA program during their year of service. Application deadlines: Fall - March 1; Spring - October 1.

Under certain conditions, and with approval of the MBA program director and the department head concerned, MBA students may earn up to a maximum of 3 credit hours of Directed Research and/or internship credits which apply to graduation requirements.

## Application and Admission Requirements

Initial acceptance in order to take MBA classes is based on the applicant's prior academic performance, leadership experience, professional experience, aptitude for graduate study, general motivation, and managerial attributes. All applicants must fulfill the following requirements prior to enrolling in MBA classes:

1. Applicants to the MBA program must have graduated from an accredited college or university with a Bachelor degree. Copies of official transcripts are also required upon initial application.
2. A GMAT score of 475 and a cumulative GPA of 2.9 (C = 2.0) are generally considered minimal. New applicants for the program should furnish documentary evidence of GMAT scores at the same time official transcripts are provided. For fall enrollment, students should arrange to take the GMAT by January. For spring enrollment, the GMAT should be taken no later than June.

3. Students with English as a second language (ESL) must score a minimum of 550 on the TOEFL or its equivalent. ESL students may also be asked to take and pass an English proficiency exam at BSU before taking any graduate courses beyond their first semester.
4. Two years of significant work experience. This may be waived if the applicant has a GMAT score of 600 or higher.
5. Current expanded professional vitae which accurately reflects professional work experience.
6. Two letters of reference (one preferably from an academic source) which address the applicant's strengths, weaknesses, benefits the applicant may receive from our MBA program, and what the applicant can contribute to our MBA program.
7. A brief response (maximum 2 pages, double spaced) discussing one of the following:
  - A. Career goals, both short-term and long-term. What role does an MBA program, in general, and BSU's MBA program in particular, play in helping the applicant achieve these goals?
  - B. Two or three situations in the past three years where the applicant has taken a leadership role. How do these events demonstrate the applicant's managerial potential?
  - C. A brief, candid self evaluation. Include some discussion of the abilities and other attributes the applicant believes are their strengths and some discussion of areas where the applicant would like to develop more fully. What does the applicant consider most unique or distinctive about themselves?
8. A student must be accepted to either the MBA program or another Master's program to take MBA classes.

Final acceptance leading to a Master degree is based upon the Graduate College evaluation and acceptance of the applicant.

**Note:** A good understanding of algebra, calculus, and computer competency are essential to successful progress in the MBA program. Students may wish to brush up on these skills prior to admission as they will be required to pass a math and computer competency exam prior to the end of their first semester of graduate course work.

**Undergraduate students will no longer be allowed in MBA cases under the University's Permit for Seniors to Take Graduate Courses policy.**

### Application packet deadlines:

Summer, Fall entry .....	March 1
Spring entry .....	October 1

Students will typically be notified of their admittance status by March 31 or October 31.

## Degree Requirements

The MBA requires a minimum of 33 semester credit hours and a maximum of 54 semester credit hours. The exact number of credits required depends upon the student's prior academic experience.

# Master of Business Administration

**Specialization:** While there is no major available in the MBA program, once students satisfy the functional core of courses, they can emphasize an area of concentration with their elective credits. This specialization can expand beyond business to such areas as health policy or public administration.

Master of Business Administration	
Course Number and Title	Credits
<b>Foundation Courses:</b>	21
The foundation courses assume the student has had no previous coursework in business. Conversely, any or all of these courses may be waived if the student has already taken them at an accredited business school, such as would be the case if the student had completed a baccalaureate degree in business within the last five years.	
MB 512 Business Statistics .....	3
MB 514 Economic Theory and Analysis .....	3
MB 516 Law for Managers.....	3
MB 517 Accounting for Managers .....	3
MB 523 Production and Operations Management.....	3
MB 525 Corporate Finance .....	3
MB 529 Marketing Management .....	3
<b>Advanced Courses:</b>	24
MB 531 Business Perspectives .....	3
MB 532 Accounting and Control Issues .....	3
MB 533 Operations and Information Issues .....	3
MB 536 Business in a Global Society .....	3
MB 538 Organizational Issues.....	3
MB 539 Marketing and Customer Service Issues .....	3
MB 545 Financial Management Issues .....	3
MB 546 Strategic Management .....	3
<b>Electives:</b>	9
EC 560 Economics of Public Policy.....	3
MG 541 Human Resource Management .....	3
MB 580 Selected Topics - Accounting	
MB 581 Selected Topics - Information Systems	
MB 582 Selected Topics - Economics	
MB 583 Selected Topics - Finance	
MB 584 Selected Topics - Operations/Production	
MB 585 Selected Topics - Management	
MB 586 Selected Topics - Marketing	
MB 587 Selected Topics - International Business	
MB 589 Individual Development Series	
MB 590 Internship	
MB 596 Directed Research.....	1-3
Two undergraduate "G" courses may be taken for graduate credit if cleared by the Graduate Program Director.	
<b>Total</b>	<b>33-54</b>

## Course Offerings

### MB MASTER OF BUSINESS

#### FOUNDATION COURSES

**MB 512 BUSINESS STATISTICS (3-0-3).** Examines the use of statistics in decision-making, presentation and summarization of data, estimation, hypothesis testing, regression analysis, analysis of variance, time series and forecasting, and non-parametric methods.

**MB 514 ECONOMIC THEORY AND ANALYSIS (3-0-3).** Offers an accelerated, integrated introduction to economic analysis of the price system and the aggregate performance of developed economies, including supply and demand, basic market structures, income distribution, employment, inflation, growth and international trade.

**MB 516 LAW FOR MANAGERS (3-0-3).** Explores the history and development of the partnership and corporate forms of business organization and the legal environment which creates and regulates a manager's duties toward the corporation, employees, shareholders, and members of the general public.

**MB 517 ACCOUNTING FOR MANAGERS (3-0-3).** Provides a working knowledge of financial and managerial accounting tools, techniques and procedures.

**MB 523 PRODUCTION AND SYSTEMS MANAGEMENT (3-0-3).** Emphasizes the management of the production/operation function and its integration with other organizational activities, including forecasting models, design and layout of the production system, scheduling, location analysis, quality control, and material acquisition. PREREQ: MB 512.

**MB 525 CORPORATE FINANCE (3-0-3).** Examines concepts and techniques of corporate institutional and investment finance, including time value of money, corporate banking relationships, current assets management, and efficient markets. PREREQ: MB 512 and MB 517.

**MB 529 MARKETING MANAGEMENT (3-0-3).** Covers activities and models used in marketing, identifying and interpreting buyers' needs, market segmentation, and designing a balanced marketing program.

#### ADVANCED COURSES

**MB 531 BUSINESS PERSPECTIVES (3-0-3).** Examines major forces transforming business (e.g., globalization, information technology, market segmentation and workforce diversity) as well as strategic and tactical actions firms take in response to such challenges, including mass customization, flexible manufacturing, downsizing, outsourcing and strategic partnering. PREREQ: MB 512, MB 514, MB 516, MB 517, MB 523, MB 525, MB 529. Students can take one of these courses concurrently with the Perspectives course if all the other prerequisite courses have been completed. In addition, MB 531 (Business Perspectives) can also be taken concurrently with one Advanced course if it is the first Advanced course a student takes. Only one Foundation and/or Advanced course can be taken concurrently with MB 531.

**MB 532 ACCOUNTING AND CONTROL ISSUES (3-0-3).** The overall objective of this course is an understanding of accounting control systems and a thorough understanding of the emerging issues in cost management. The integration of content from computer information systems, production and cost/managerial accounting is a central part of the course. PREREQ: MB 531, MB 517 or equivalent. MB 531 (Business Perspectives) is also required, but can be taken concurrently with this course if it is the first Advanced course a student takes. Only one Advanced course can be taken concurrently with MB 531.

**MB 533 OPERATIONS AND INFORMATION ISSUES (3-0-3).**

Considers the current state of technology in operations and information technology and how advances in these technologies interact to affect the strategic decisions organizations make about providing goods and services to a dynamic customer base. PREREQ: MB 531, MB 512 or equivalent.

**MB 536 BUSINESS IN A GLOBAL SOCIETY (3-0-3).** Analyzes the relationships between business and economic, ethical, legal, political, and social systems and the effects of these relationships on management decisions from national and international perspectives. PREREQ: MB 531, MB 516 or equivalent.

**MB 538 ORGANIZATIONAL ISSUES (3-0-3).** Examines contemporary issues in managing organizations and people from a general manager's perspective, including extended enterprise management, organization design, organization learning and the management of change. PREREQ: MB 531.

**MB 539 MARKETING AND CUSTOMER SERVICE ISSUES (3-0-3).** Analyzes and integrates marketing concepts, models, and tools necessary to produce and execute marketing strategies focused upon customer needs and expectations, with emphasis on identifying "market" opportunities and challenges as well as assessing organizational marketing strengths and weaknesses. PREREQ: MB 531, MB 529 or equivalent.

**MB 545 FINANCIAL MANAGEMENT ISSUES (3-0-3).** Reviews dynamic financial analysis which emphasizes the current practical applications and complexities of capital budgeting, arbitrage arguments, risk-return models and financing alternatives. PREREQ: MB 531, MB 525, and MB 514 or equivalents.

**MB 546 STRATEGIC MANAGEMENT (3-0-3).** Examines how organizations obtain and deploy resources within a changing environment to gain and sustain a competitive advantage and includes analysis, formulation and implementation of business and corporate strategy. Integration of student's prior course work across functional areas is a major component of this course. PREREQ: MB 531, MB 532, MB 533, MB 536, MB 538, MB 539, MB 545. In special circumstances, at most one of these courses can be taken as a co-requisite given prior permission of the instructor.

## ELECTIVES

**EC 560 ECONOMICS OF PUBLIC POLICY (3-0-3) (Intermittent).**

Contribution of economic analysis to the justification, design and implementation of economic policy. The issue surrounding the need for public policy a private property, market economy and the benefits and costs associated with government intervention. The relationships between the goals and the instruments of U.S. economic policy. PREREQ: EC 514.

**MG 541 HUMAN RESOURCE MANAGEMENT (3-0-3)**

**(Intermittent).** Effective management of human resources including discussion of the supervisory processes conducive to reducing labor costs and increasing productivity. Special attention is given the human, organizational, and environmental constraints which limit managerial actions. Techniques for effectively functioning within these constraints.

**SELECTED TOPICS:** Contemporary topics courses offered intermittently.

**MB 580 SELECTED TOPICS - ACCOUNTING**

**MB 581 SELECTED TOPICS - INFORMATION SYSTEMS**

**MB 582 SELECTED TOPICS - ECONOMICS**

**MB 583 SELECTED TOPICS - FINANCE**

**MB 584 SELECTED TOPICS - OPERATIONS/PRODUCTION**

**MB 585 SELECTED TOPICS - MANAGEMENT**

**MB 586 SELECTED TOPICS - MARKETING**

**MB 587 SELECTED TOPICS - INTERNATIONAL BUSINESS**

**MB 589 INDIVIDUAL DEVELOPMENT SERIES.** Each student's skill set will be assessed during their first year of study and a program of skill development activities will be agreed to with the student's advisor. Development activities may include: skill-building workshops; approved seminars; in-class assignments (such as presentations, team projects, problem solving facilitation); organizational practicums; public service practicums. PREREQ: None.

**MB 590 INTERNSHIP.** Available on a selective, limited basis. MBA students should consult with Director.

**MB 596 DIRECTED RESEARCH (1-3 credits).** Involves special projects undertaken by the student, consisting of individual work suited to the needs and interests of the student. The course embodies research, discussions of the subject matter and procedures with a designated professor, and a documented paper covering the subject.

## UNDERGRADUATE "G" COURSES

At most two of the following courses may be taken for graduate credit if cleared by the Graduate Program Coordinator.

**AC 440G ACCOUNTING THEORY (3-0-3) (F/S).** This course covers measurement theory and its implications for asset valuation and income determination. Specialized study of revenue recognition, accounting for changing prices, and basic financial analysis. Emphasizes development of analytical and written communication skills. Computer applications are also used throughout the course. PREREQ: AC 306.

**EC 421G QUANTITATIVE METHODS IN ECONOMICS**

**(3-0-3) (F).** The first of a two semester sequence in quantitative economic analysis, this course emphasizes the application of mathematics to the construction of economic models. Topics will include equilibrium analysis, input-output analysis, comparative static analysis, optimization techniques, and dynamic analysis. The methodological issues surrounding the use of quantitative techniques in economics are also strongly emphasized. May be taken for graduate credit. PREREQ: M 106 or equivalent and PR 207.

**EC 422G ECONOMETRICS (3-0-3) (S).** The second of a two semester sequence in quantitative economic analysis. This course emphasizes the application of statistics to the construction, estimation and evaluation of econometric models. Other related topics will include: history and methodology of econometrics, forecasting, computer applications, and the use of econometrics in business and government. May be taken for graduate credit. PREREQ: M 106 or equivalent, PR 207, and EC 421.

**EC 440G HEALTH ECONOMICS (3-0-3) (S).** This course examines the economic issues associated with those individual and social decisions that influence the health of particular groups. The course also examines the production and delivery of health care and the economic and ethical aspects of health policy issues. Various economic approaches to the analysis of health policy are presented and evaluated. The focus of the course is the U.S. health care system. Comparisons will also be made to the health care systems of other nations. PREREQ: EC 205 and EC 206 and Upper Division Business standing; or Permission of Instructor.

**EC 480G SEMINAR IN INTERNATIONAL ECONOMICS**

**(3-0-3) (Once a year, either Fall or Spring).** An in depth study of a particular subject of restricted scope in international economics. Students will survey the literature, discuss assigned topics, and prepare and present research papers. Consult current class schedule for specific selection offered. Seminar may be repeated. PREREQ: EC 205 and EC 206 and Upper Division Business standing; or Permission of Instructor.

# Master of Business Administration

**FI 410G WORKING CAPITAL MANAGEMENT (3-0-3)(S).** This course considers the short-term financial management of a firm. Financial analysis of past, present, and future operations is emphasized. Cash flow analysis, management of current accounts, and cost benefit analysis are stressed. Case discussions provide a merging of theoretical concepts and practical application. PREREQ: FI 303.

**FI 411G CAPITAL BUDGETING AND PLANNING (3-0-3)(F).** Acquisition and allocation of long-term sources of funds are the subject of this course. Emphasis is placed on fund raising and the problems associated with measurement and structural influences on the firm's cost of capital. Cash-flow analysis and alternative investment decision rules are examined. Cases are used for classroom discussion as a link between theory and practice. PREREQ: FI 303, PR 208.

**FI 420G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3)(F).** The interaction between financial markets are examined, and their roles in the economy are discussed. Emphasis is placed on the changes taking place within the financial community and the effects on financial institutions in general and commercial banking in particular. PREREQ: FI 303, EC 301.

**FI 421G DECISION PROCESSES IN BANKING (3-0-3)(S).** The topics included in this course are those which involve the specific decision-making areas faced by participants in the banking industry. These decision areas include the management of liquidity reserves and securities portfolios; consumer, business, and real estate loans; liability control; asset-liability management; trust banking; and international banking. PREREQ: FI 420G.

**FI 430G INTERNATIONAL FINANCE (3-0-3)(F).** Build a strong foundation on the relationship among international financial markets. Included is exchange rate determination and parity conditions across countries. Once the foundation is built, the multinational firm is examined in this framework. Included is working capital management, capital budgeting, and cost of capital for the multinational firm. PREREQ: FI 303.

**FI 450G INVESTMENT MANAGEMENT (3-0-3)(F).** Examines the U.S. Securities markets from both a theoretical and a practical

viewpoint. Topics include: mechanics of direct investment, measurement and management of risk and return, the Efficient Market Hypothesis, Modern Portfolio Theory, the Capital Asset Pricing Model, and analysis of investment performance. Class format incorporates lecture and readings and may include guest lecturers. PREREQ: FI 303, PR 208.

**FI 451G FRONTIERS IN FINANCIAL MARKETS (3-0-3)(S).** Focuses on both recent and past innovations in the securities markets. Futures contracts and options and the theory of hedging using both agricultural and financial futures contracts options writing and index options are stressed. A combination of theory and practice will be sought relying on lecture, text material, and journal and trade articles and may include guest speakers. PREREQ: FI 450G.

**GB 441G GOVERNMENT AND BUSINESS (3-0-3)(S).** Intensive study of and student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations are researched and analyzed as well as selected federal and state regulatory agencies. May be taken for graduate credit. PREREQ: GB 202.

**MK 415G INTERNATIONAL MARKETING RESEARCH (3-0-3)(F/S).** Theory and the use of research for marketing decisions faced by global managers. Emphasizes planning, designing, and implementing research activities within a cross-cultural context. PREREQ: PR 208, MK 301.

## SPECIALIZATION COURSES

### Health Policy Emphasis

H540	Health Information Management
MH 520	Medical Care Systems
EC 440G	Health Economics
MH 550	Current Issues in Health Policy

### Public Administration Emphasis

PA 504	Public Budgeting and Financial Administration
PA 521	Intergovernmental Relations
PA 550	The Executive and The Administrative Process
PA 580-589	Selected Topics





## Master of Arts in Communication

Department of Communication  
Communication Building 100  
Telephone 208 385-3320  
FAX 208 385-1069  
<http://www.idbsu.edu//comm/>  
e-mail: mcox@bsu.idbsu.edu

### Department Chair and Graduate Program

**Coordinator:** Marvin Cox

**Full Graduate Faculty:** Robert Boren, Marvin Cox, Peter Lutze, Suzanne McCorkle, Edward McLuskie, Janet Mills, Dan Morris, Ben Parker, Mary Rohlfing, Robert Rudd, Peter Wollheim

**Associate Graduate Faculty:** Mary McPherson, Rick Moore

**Adjunct Graduate Faculty:** Marty Most

### General Information

The M.A. in Communication offers philosophically informed theory, research, and applied options for advanced study in communication. Each M.A. experience is tailored to the interests of students in the context of mentoring relationships with faculty. Graduate courses each semester assure variety, continuity, and theoretical-methodological grounding in the field of communication. Course offerings reflect the strengths and interests of the faculty, and are scheduled two years in advance so that each M.A. candidate may develop course work effectively leading to a thesis or project.

An M.A. in Communication includes two required courses beyond which students design their program of study. Students select from courses offered as Selected Topics in Communication and from courses approved for graduate credit throughout the university. The M.A. experience culminates in successful completion and defense of a Project (CM 591) or Thesis (CM 593).

### Admission Requirements

Admission will be granted to applicants who hold a Bachelor's degree from an accredited undergraduate college or university, who are admitted to the Graduate College, and who fulfill the additional requirements below. Receiving a certificate of admission to graduate classes from the Graduate College in no way guarantees admission to the M.A. in Communication.

To be considered for admission to the M.A. in Communication, an applicant must:

1. Be admitted to the Graduate College at Boise State University.
2. Have a 3.0 GPA during the last sixty hours of undergraduate coursework.
3. Have completed an undergraduate social sciences research methods and a communication theory and theorizing course.

4. Complete a Communication Department Application Form, including:
  - A. An essay explaining his or her academic goals and how those goals match the M.A. program at Boise State.
  - B. Indicate the name and semester of the undergraduate social science research methods course.
  - C. Indicate the name and semester of the undergraduate theory and theorizing course.
5. Submit a paper demonstrating competence in scholarly writing.
6. Supply two academic letters of reference, along with the names, titles, addresses, and phone numbers of the references.

Completed applications should be received by August 1 for Fall enrollment and by November 1 for Spring enrollment. Applicants seeking a Department of Communication Graduate Teaching Assistantship or a Department of Communication Graduate Research Assistantship must submit all application materials and an *Application for Graduate Assistantship* by April 1.

Applications for Admission to the Graduate College are available from the Graduate Admissions Office. Request Department Application Packets from:

Graduate Admissions Committee  
Department of Communication  
Boise State University  
Boise, Idaho 83725

### Degree Requirements

Master of Arts in Communication	
Course Number and Title	Credits
CM 500 Graduate Studies in Communication	1
CM 580-589 Selected Topics in Communication Nine credits recommended to be selected from the student's interest area.	12-15
Electives These credit hours are recommended to be selected from outside the Department of Communication.	6-10
CM 598 Graduate Seminar	1
CM 591 Project or CM 593 Thesis	6
<b>Total</b>	<b>31</b>

### Course Offerings

#### CM COMMUNICATION

**CM 500 GRADUATE STUDIES IN COMMUNICATION (2-0-1).** An eight-week course examining the discipline's history and introducing students to the expectations of graduate work in the department.

## Master of Arts in Communication

**CM 517 ORAL COMMUNICATION FOR TECHNICAL COMMUNICATORS (3-0-3) (F/S).** An introduction to the theory and practice of the different types of oral communication practiced by technical communicators, including interviewing technical subject specialists and product users, group dynamics, gender issues, conflict management, and technical presentations, including the creation of presentation graphics. The course will be taught as a workshop. Students may not receive credit for both CM 517 and E 517. PREREQ: E 516 OR PERM/INST.

**CM 580-589 SELECTED TOPICS IN COMMUNICATION (Variable credit).** Intensive study of selected topics in each area. Specific course content will vary from semester to semester. Consult current class schedule for specific topics to be offered each semester. Courses may be repeated for a total of six credits in each course.

**CM 580 COMMUNICATION THEORY AND PHILOSOPHY**  
**CM 581 COMMUNICATION RESEARCH METHODOLOGY**  
**CM 582 COMMUNICATION EDUCATION**  
**CM 583 COMMUNICATION TECHNOLOGY**  
**CM 584 JOURNALISM AND MASS COMMUNICATION**  
**CM 585 COMMUNICATION LAW AND POLICY**  
**CM 586 COMMUNICATION AND PUBLIC AFFAIRS**  
**CM 587 ORGANIZATIONAL COMMUNICATION**  
**CM 588 INTERPERSONAL COMMUNICATION**  
**CM 589 COMMUNICATION HISTORY**

**CM 590 PRACTICUM.** Upon selection of an approved project or thesis, the student will prepare a documentary and an oral report of the topic, defending it before fellow graduate students and faculty.

**CM 591 PROJECT (0-V-6).** In lieu of completing a Thesis, students may create some product other than a scholarly paper which embodies original research and substantiates a specific view.

**CM 592 COLLOQUIUM (1-0-1).** A one credit course in which graduate students meet with faculty to discuss on-going and in-process research projects. This class meets bi-weekly for one hour. No more than two credits of CM 592 may be applied toward the MA in Communication.

**CM 593 THESIS (0-V-6).** A scholarly paper embodying results of original research which are used to substantiate a specific view.

### CM 594 WORKSHOP

**CM 595 READING AND CONFERENCE.** Directed reading on selected materials in communication and discussion of those materials, as arranged and approved through the student's major advisor. No more than three credits of CM 595 may be applied toward the M.A. in Communication.

**CM 596 DIRECTED RESEARCH.** A special project undertaken as advanced tutorial study in a specialized area according to the needs and interests of the student. The course usually involves conducting research with a designated faculty member, along with writing a paper covering the subject of independent study. No more than three credits of CM 596 may be applied toward the M.A. in Communication.

### CM 597 SPECIAL TOPICS

**CM 598 GRADUATE SEMINAR (1-0-1).** A required public forum wherein graduate students and faculty present and discuss their original research. Presenters receive one credit for participation. PREREQ: Admission to candidacy and PERM/INST. No more than one credit of CM 598 may be applied to the M.A. in Communication.

## Doctor of Education in Curriculum and Instruction

College of Education  
Education Building, Room 705  
Telephone 208 385-1611  
FAX 208 385-4365  
e-mail: gpotter@bsu.idbsu.edu

**Associate Dean and Doctoral Program Coordinator:**  
Glenn Potter

**Doctoral Graduate Faculty:** Holly Anderson, Robert Barr, Steve Christensen, Judy French, Werner Hoeger, Jack Hourcade, John Jensen, Bill Kozar, William Parrett, Linda Petlichkoff, Connie Pollard, Stanley Steiner, Roger Stewart, Carolyn Thorsen, Wenden Waite, Katherine Young, Heather Hanlon

**Full Graduate Faculty:** Jennifer Altieri, James Armstrong, Robert Bahruth, Jeanne Bauwens, Sherm Button, Rich Downs, Lee Dubert, Robert Friedli, Jay Furhiman, Curtis Hayes, Patricia Kyle, Carroll Lambert, Melinda Lindsey, Lamont Lyons, Margaret Miller, Anne Nelson, James Nicholson, Thel Pearson, Ron Pfeiffer, Glenn Potter, Norma Sadler, Ted Singletary, Ross Vaughn

**Associate Graduate Faculty:** Bobbie Birdsall, Chad Harris, John McChesney, Rickie Miller, Margaret Mulhern, Jenny Piazza, Lawrence Rogien, Del Siegle, Caile Spear, Connie Thorngren, Kathryn Wayne

**Adjunct Graduate Faculty:** Patrick Bieter (Emeritus), Diane Burns, Kenneth Coll, Mary Ensley, Genger Fahleson, Brenda Freeman, Nina Hawkins, Robina Holmes, Rich Johnson, Elizabeth Noonan, Ruth Phelps, Jim Schmidt, Fred Steinbroner, Patricia Toney, Barry Watts, Donna Vakili, Lynn Weathers, Virgil Young (Emeritus)

## General Information

The doctoral program in curriculum and instruction, leading to an Ed.D. degree, is designed to develop graduates who will be effective leaders in educational reform and renewal. The coursework provides students with the basis for a thorough understanding of what schools are and can be, insights into the complexities of teaching and learning, and collaborative opportunities to work towards making a measurable and positive effect upon current education programs and student learning.

## Application and Admission Requirements

The doctoral program involves a cohort of students in a common set of courses and experiences. The selection of a new cohort begins with an announcement that the College is accepting applications. The announcement will include an application deadline and describe the admission process which has two components: admission to the Graduate College and acceptance into the doctoral program. Applicants must submit the following materials to the Graduate Admissions Office:

# Doctor of Education in Curriculum and Instruction

1. Application for admission;
2. Official scores from the verbal, quantitative, and analytical reports of the Graduate Record Examination. The GRE must have been taken within seven years of the application date and/or prior to the start of the first summer school residency experience;
3. Minimum GPA of 3.0 on a 4.0 scale for all previous graduate work; and,
4. Official transcripts for all coursework indicating the completion of a Master's degree or the functional equivalent.

At the same time, applicants should submit the following materials to the College of Education Doctoral Program Coordinator:

1. A letter of application describing:
  - the applicant's professional experiences and their relevance to doctoral study in education;
  - career goals;
  - arrangements made to meet the residency requirements.
2. A current resume.
3. A sample of recent scholarly and/or professional writing that includes references and is preferably written in APA style (Master's thesis or project, scholarly papers, project reports, publications, grant proposals, etc.).
4. Three letters of reference attesting to the applicant's commitment to doctoral study in education, professional effectiveness, potential for influencing education, scholarly abilities and dispositions, personal and professional integrity, and any other information that will help the Council make an informed decision.

The Doctoral Program Council will review the materials submitted, make them available to other interested graduate faculty for analysis, and may schedule interviews with applicants. After arriving at a decision for each candidate, the Council recommends to the Graduate College Dean those that should be admitted.

**Graduate Assistantships:** Any student qualifying for admission may apply for one of a limited number of graduate assistantships offered each year. First year awards consist of a stipend and fee waiver for summer school, the fall and spring semesters. Graduate assistantships that are renewed consist of a stipend and fee waiver for the fall and spring semesters only. In all cases GA's must register for a minimum of 9 credits during the regular academic year. To be considered, applications must be submitted to the Doctoral Program Coordinator by April 1. Typical assignments involve teaching undergraduate Teacher Education courses, serving as research assistants for graduate faculty, or a combination of both.

**Program and Dissertation Advisors:** Students will have Program and Dissertation advisors as they progress towards their degree. However, during the first term of the doctoral program, the Summer Residency Faculty will serve as unofficial advisors answering questions about the program and assisting students in making connections with graduate/doctoral faculty

who may be willing and appropriate as program advisors. In consultation with the student, a program advisor will be determined during the Fall Residency semester and continue to serve until the student is admitted to candidacy, at which time a dissertation advisor will assume responsibility until completion of the degree. In both cases, assignments will be based on the shared scholarly interests and compatible educational philosophies of student and faculty. For many, the same person may serve in both capacities, but some students may choose to change advisors at the time of Admission to Candidacy.

## Degree Requirements

The program has six components: Curriculum and Instruction, School Renewal, Research, Field Experiences, Cognate, and Dissertation. Specific courses in each component are listed below. Each doctoral student will develop a program plan in consultation with his/her advisor.

Doctor of Education	
Course Number and Title	Credits
<b>Curriculum and Instruction</b>	15
TE 660 Learning .....	3
TE 661 Teaching .....	3
TE 662 Curriculum.....	3
TE 663 Evaluation.....	3
TE 664 Seminar on Curriculum and Instruction.....	3
<b>School Renewal</b>	9
TE 610 The American Culture and the Context of Schooling.....	3
TE 611 School Culture and the Problems of Change .....	3
TE 612 Strategies for School Renewal .....	3
<b>Research</b>	12
TE 651 Intermediate Statistics in Educational Research .....	3
TE 652 Quantitative Approaches to Research .....	3
TE 653 Qualitative Approaches to Research .....	3
TE 654 Dissertation Proposal Seminar .....	3
<b>Field Experiences</b>	6
TE 620 Field Experience: At-Risk Youth.....	2
TE 621 Field Experience: School Renewal .....	2
TE 622 Practicum: School Renewal .....	2
<b>Cognate Area</b>	12
<b>Dissertation</b>	12
TE 693 Dissertation.....	12
<b>Total</b>	<b>66</b>

**Residency:** Effective doctoral programs are characterized by extended periods of intense study provided through a period of residency. At Boise State University this requires that students accepted into the doctoral program be in continuous enrollment and complete a minimum of 25 semester credits of TE 600 level courses during the first 15 months of the program, which includes taking 9 credits during the first summer, 5 in the Fall, 5 in the Spring and 6 in the second summer. While classes

# Doctor of Education in Curriculum and Instruction

are normally scheduled in the evening during the regular academic year, students are encouraged to consider being on campus full-time during either the Fall or Spring semester of the first year.

## Program Sequence:

### Summer: Year 1 (full time residency) (9 credits)

TE 610 The American Culture and the Context of Schooling.....	3
TE 653 Qualitative Approaches to Research .....	3
TE 661 Teaching .....	3

### Fall: Year 1 (residency) (5 credits)

TE 620 Field Experience: At-Risk Youth.....	2
TE 660 Learning .....	3

### Spring: Year 1 (residency) (5 credits)

TE 611 School Culture and the Problems of Change .....	3
TE 621 Field Experience: School Renewal.....	2

### Summer: Year 2 (residency) (6 credits)

TE 612 Strategies for School Renewal .....	3
TE 662 Curriculum .....	3

### Fall: Year 2 (5 credits)

TE 622 Practicum: School Renewal .....	2
TE 651 Intermediate Statistics in Educational Research.....	3

### Spring: Year 2 (3 credits)

TE 652 Quantitative Approaches to Research .....	3
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### Summer: Year 3 (6 credits)

TE 663 Evaluation.....	3
TE 664 Seminar on Curriculum and Instruction .....	3

### Fall: Year 3 (3 credits)

TE 654 Dissertaion Proposal Seminar .....	3
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### Spring: Year 3; Summer/Fall/Spring: Year 4

TE 693 Dissertation.....	1-12
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At some point in the program, students are required to complete a Cognate component that supports a school curricular area or has other professional relevance. Two options are available. The first requires a sequence of 12 credits of graduate courses be completed. The second encourages students to select an area in which they have little or no previous experience and are required to complete 18 credits, of which nine may be undergraduate offerings.

## Course Offerings

### TE TEACHER EDUCATION

**TE 610 THE AMERICAN CULTURE AND THE CONTEXT OF SCHOOLING (3-0-3) (SU).** Students will explore the roles of schools in American society, including cross-cultural analyses; identify political forces influencing school policy-making in local, state, national and international arenas; investigate the economics of school renewal proposals; and consider the historical contexts of contemporary renewal efforts. They will give particular attention to the effects on American culture and the schools of changing demographics, the challenges of an increasingly diverse society, and the impact of technology and the ongoing information revolution. PREREQ: Admission to the doctoral program; or permission of instructor and TE 559 or TE 570.

**TE 611 SCHOOL CULTURE AND THE PROBLEMS OF CHANGE (3-0-3) (S).** Students will explore the cultures and organizational dynamics of schools, and obstacles to change in an increasingly diverse society. Case studies of change efforts in the past will be examined for their lessons for contemporary renewal efforts. Research and theory about systemic change in schools and other organizations will be explored as a basis for developing working theories and leadership skills necessary to guide school renewal efforts. PREREQ: Admission to doctoral program and TE 610; or permission of instructor and TE 559 or TE 570.

**TE 612 STRATEGIES FOR SCHOOL RENEWAL (3-0-3) (SU).** Students will explore contemporary strategies being tried or proposed to bring about ongoing renewal in the schools. There will be an emphasis on participatory approaches to school change, collaboration and partnership building, the role of technology, attention to cultural diversity, and conflict resolution strategies. Students will work on projects through which they will transform their emerging theories of change into plans for making change happen in their schools. Special emphasis will be placed on preparation for school-based decision making. PREREQ or COREQ: Admission to doctoral program and TE 611; or permission of instructor and TE 611.

**TE 620 FIELD EXPERIENCE: AT-RISK YOUTH (0-4-2) (F/S/SU).** In this field experience students will gain experience with at-risk children and their families, and the community agencies that serve them. As part of the course students will conduct in-depth studies that include home visits, and work with specific agencies serving these students and their families. Through these activities students will gain an appreciation and better understanding of the societal and social pressures on children, families, schools, and the process of educational reward. PREREQ: TE 653.

**TE 621 FIELD EXPERIENCE: SCHOOL RENEWAL (0-4-2) (F/S).** In this internship students will gain experience with schools and other educational settings that are involved in exemplary educational renewal projects. They will participate in model school renewal projects and professional development activities, including the planning, implementation, and evaluation of such programs. PREREQ: TE 620.

**TE 622 PRACTICUM: SCHOOL RENEWAL (0-4-2) (F/S).** As the culminating experience in the Field Experiences component of the doctoral program, students will develop, implement and evaluate projects within educational settings that demonstrate leadership in educational renewal. Examples might include staff development, curriculum development, networking with school parents and other school patrons, or soliciting business and/or community support. PREREQ: TE 621.

**TE 651 INTERMEDIATE STATISTICS IN EDUCATIONAL RESEARCH (3-0-3) (F/S).** Students will study parametric and nonparametric statistical procedures commonly used in educational research, including analysis of variance, analysis of covariance, chi square, and multiple regression. Students will develop competence in data analysis and interpretation procedures via computer-based statistical packages, including SAS and SPSS. PREREQ: Admission to doctoral program and Introduction to Statistics; or permission of instructor and Introduction to Statistics.

**TE 652 QUANTITATIVE APPROACHES TO RESEARCH (3-0-3) (F/S).** Students will examine procedures involved in the selection of appropriate research designs and data analysis techniques in quantitative research, and study related design and measurement issues. Students will integrate the use of technologies in the process of quantitative research. PREREQ: Admission to the doctoral program and TE 651; or permission of instructor, TE 651 and TE 551 or equivalent.

**TE 653 QUALITATIVE APPROACHES TO RESEARCH (3-0-3)**

**(SU).** Students will examine the uses and values of qualitative methods in educational research and analyze various approaches to qualitative research, including case studies, biographical, phenomenological, ethnographic, interactional, and critical analyses. They will evaluate ways of gathering and analyzing data, and will apply their knowledge in a research study that investigates some facet of the teaching-learning process. **PREREQ:** Admission to the doctoral program or permission of instructor and TE 551 or equivalent.

**TE 654 DISSERTATION PROPOSAL SEMINAR (0-3-3) (F/S).**

Students will develop a preliminary research proposal in anticipation of the subsequent dissertation. As part of the course students will present their proposals, and participate in the analysis and critique of the proposals of others. **PREREQ:** Admission to the doctoral program.

**TE 660 LEARNING (3-0-3) (F or SU).** Students will examine historic and contemporary explanations of human learning, with special emphasis on scholarly investigations of student learning in school environments, evaluation of that learning, and the role of educational technology. As part of the course students will devote particular attention to learning in culturally diverse student populations. **PREREQ:** Admission to the doctoral program; or permission of instructor and TE 525.

**TE 661 TEACHING (3-0-3) (F or SU).** Students will examine the foundations upon which historic and contemporary approaches to teaching have been constructed, including philosophic, developmental and scientific perspectives. As part of the course students will investigate teaching issues evolving from the increasingly culturally diverse student population in the contemporary American school, and the impact of technology on instruction. **PREREQ:** Admission to the doctoral program; or permission of instructor and TE 582.

**TE 662 CURRICULUM (3-0-3) (SU).** Students will focus on major theories, research bases, and significant societal factors in school curricula. The course will include historical and philosophical foundations of curricular development; analysis of factors and issues influencing curricular determinations, including cultural influences and technological contributions; and consideration of likely future curricular evolution. **PREREQ:** Admission to the doctoral program; or permission of instructor and TE 581.

**TE 663 EVALUATION (3-0-3) (SU).** Students will examine questions evolving from making judgments about such educational issues as school effectiveness, individual performances, and other educational endeavors. They will explore ethical issues in assessment and evaluation, and analyze social, cultural, and political influences affecting assessment and evaluation procedures. **PREREQ:** Admission to doctoral program and Coreq TE 651; or permission of instructor, TE 651 and TE 653.

**TE 664 SEMINAR IN CURRICULUM AND INSTRUCTION (0-3-3)**

**(SU).** In this integrative culminating course in the curriculum and instruction component, students will synthesize what they have learned in the courses in teaching, learning, curriculum, and evaluation. As part of the course students will examine educational issues relevant to their respective professional careers. **PREREQ:** TE 660, TE 661, TE 662 and TE 663.

**TE 693 DISSERTATION (0-V-12) (F/S/SU).** Students will complete an independent and original research project on an important educational issue; collect and interpret the findings in a cogent, professional and scholarly-written document; successfully defend the project to the dissertation committee; and disseminate those findings in a professionally appropriate manner. **PREREQ:** Successful completion of "Comprehensive Evaluation" and Admission to Candidacy.

## Master of Arts or Science in Education

Department of Elementary Education and Specialized Studies  
Department of Educational Foundations, Technology  
and Secondary Education  
Education Building, Room 208  
Telephone 208 385-1731  
FAX 208 385-4006  
<http://www.bsu.idbsu.edu>  
e-mail: [lscott@bsu.idbsu.edu](mailto:lscott@bsu.idbsu.edu)

**Graduate Program Coordinator:** Thel Pearson

**Elementary Education Department Chair:** Wenden Waite

**Full Graduate Faculty:** Jennifer L. Altieri, Robert Bahruth, Jeanne Bauwens, Judy French, Jay Fuhrman, Curtis Hayes, Jack Hourcade, Patricia Kyle, Carroll Lambert, Melinda Lindsey, Norma Sadler, Ted Singletary, Stanley Steiner, Roger Stewart, Wenden Waite, Katherine Young

**Associate Graduate Faculty:** Rickie Miller, Margaret Mulhern

**Adjunct Graduate Faculty:** Diane Burns, Nina Hawkins, Robina Holmes, Elizabeth Noonan, Lynne Weathers

**Secondary Education Department Chair:** Holly Anderson

**Full Graduate Faculty:** Holly Anderson, James Armstrong, Robert Barr, Steve Christensen, Lee Ann Dubert, Robert Friedli, John Jensen, Lamont Lyons, William Parrett, Thel Pearson, Constance Pollard, Carolyn Thorsen

**Associate Graduate Faculty:** Lawrence Rogien, Del Siegle, Kathryn Wayne

**Adjunct Graduate Faculty:** Patrick Bieter (Emeritus), Rich Johnson, Ruth Phelps, Fred Steinbronner, Patricia Toney, Donna Vakili, Virgil Young (Emeritus)

## General Information

The College of Education offers a Master's degree in education, with concentration in one of the following areas: Art, Curriculum and Instruction, Earth Science, Educational Technology, Early Childhood Education, Mathematics, Reading, and Special Education. A Program Coordinator oversees the administration of these programs and coordinates their operation across the Department of Elementary Education and Specialized Studies, the Department of Foundations, Technology, and Secondary Education, and the related subject area departments.

Under the Curriculum and Instruction concentration, students may pursue secondary education certification or a sequence in the bilingual (Spanish) or ESL areas.

## Application and Admission Requirements

Prospective students may apply for admission at any time. However, the following application materials must be received by the Graduate Admissions Office by July 1 for the fall semester, November 15 for the spring semester, or April 1 for the summer session:

# Master of Arts or Science in Education

1. Application for admission.
2. \$20.00 application fee.
3. Official transcripts of all undergraduate and graduate course work sent directly to the BSU Graduate Admissions Office.
4. Minimum GPA of 3.00 (on a 4.0 scale) for the last two years of undergraduate study, or an overall GPA of 2.75.

Admission will be granted to a qualified applicant who holds a Bachelor's degree from an accredited college or university and has some professional relationship to instruction. The candidate must meet the standards set by the College of Education and participating departments as well as the specific regulations of the particular program for which he or she applies. If deemed appropriate, provisional status may be granted to an applicant not meeting the listed requirements.

## Programs and Advisors

The name of a faculty member who will serve as temporary advisor will be indicated on the letter of acceptance to the applicant. Candidates should contact this faculty member as soon as possible to plan a program and complete the Program Development form. Credits taken prior to such planning are subject to the review and approval of the advisor and the Program Coordinator.

A maximum of nine semester graduate credits may be accepted from other accredited graduate schools upon approval of the advisor and coordinator. A maximum of six semester credits of pass-fail credits may be applied toward the degree.

Those students selecting one of the following areas will follow the procedures set forth by the respective department: Art (Art Department), Earth Science (Department of Geosciences), and Mathematics (Department of Mathematics and Computer Science).

## Graduate Assistantships

Any student qualifying for admission may apply for one of a limited number of graduate assistantships offered each year. Awards may consist of a stipend, a fee waiver or a combination of both. Applications must be received at the Office of Graduate Education Programs by April 1 of each year. Typical assignments include research assistants, teaching assistants, or assignments related to the specific areas. Graduate assistantships are usually awarded for one year, and may be renewed for one additional year.

## Degree Requirements

**Graduate Core:** The Graduate Core provides a set of integrated experiences designed to focus participants' attention on critical issues in education, to foster serious reflection through extensive reading, writing, and conversation about those issues, and to promote collaboration with colleagues who have diverse experiences and varied areas of expertise. Graduate Core is offered only in the summer session and requires five weeks of full-time graduate study. The Graduate Core is required of all

candidates for a Master of Arts or Science in Education, except those seeking the Educational Technology emphasis.

GRADUATE CORE	
Course Number and Title	Credits
TE 570 Graduate Core Issues in Education	3
TE 563 Conflicting Values in Education	1
Elective Courses (Select two from the following):	2
TE 561 Law for the Classroom Teacher .....	1
TE 562 School Organization and Finance .....	1
TE 564 Instructional Techniques-Secondary School.....	1
TE 565 Interpreting Educational Research .....	1
TE 566 Learning Theory and Classroom Instruction.....	1
TE 568 Techniques of Classroom Management .....	1
TE 569 Testing and Grading.....	1
TE 573 Instructional Techniques-Elem School....	1
TE 578 Parents in Education Process.....	1
TE 597 Special Topics.....	1
<b>Total</b>	<b>6</b>
Students should apply for Admission to Candidacy after completion of 18 credits in the program. Completed forms are submitted to the Program Coordinator and the Dean of the Graduate College.	

## Option Requirements

The Education Graduate Program provides two options for those selecting one of the following emphases: Curriculum and Instruction, Early Childhood, Reading, or Special Education: Option I, Thesis/Project and Option II, Written Comprehensive Examination.

OPTION I (Thesis/Project)	
Course Number and Title	Credits
Graduate Core	6
TE 551 Fundamentals of Education Research	3
TE 591 Project or TE 593 Thesis	6
Approved electives and specific requirements	18
<b>Total</b>	<b>33</b>
A thesis or project, as mutually agreed upon by the candidate and the committee, is required. Selection of a thesis implies a research emphasis with a thesis format. Selection of a project implies a project related to instruction, curriculum, or some other aspect of an educational program.	



## Master of Arts or Science in Education

<b>OPTION II (Comprehensive Examination)</b>	
<b>Course Number and Title</b>	<b>Credits</b>
Graduate Core	6
TE 559 Philosophy of Education .....3	3
or	
TE 551 Fundamentals of Educational Research .....3	
NOTE: Students selecting Option II are required to take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core, or TE 551 Fundamentals of Educational Research (3 credits).	
Approved electives and specific requirements	24
<b>Total</b>	<b>33</b>
A comprehensive written examination is required at the end of the course work. This examination is to be tailored by each candidate's committee specifically for that candidate following guidelines established by the department. After the candidate has written an acceptable examination, the committee will meet with the candidate to review the examination prior to final approval or rejection.	

<b>Master of Arts in Education, Curriculum and Instruction</b>	
<b>Course Number and Title</b>	<b>Credits</b>
Graduate Core	6
TE 581 Curriculum Planning and Implementation	3
TE 582 Instructional Theory	3
Content area courses	9
Content courses and electives should be chosen to support an area normally taught in the schools. These include bilingual/ESL, any secondary certification content area, math, science, reading, technology, etc. Each student should work out his/her individual program with the assigned advisor.	
Elective options (choose Option I or II)	
I. Thesis-Project:	12
TE 551 Fundamentals of Educational Research ...3	
TE 591 Project or TE 593 Thesis .....6	
Approved electives .....3	
OR	
II. Comprehensive Written Examination:	12
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ...3	
NOTE: Students electing Option II must take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core or TE 551 Fundamentals of Educational Research (3 credits).	
Approved electives .....9	
<b>Total</b>	<b>33</b>

<b>Master of Arts in Education, Curriculum and Instruction Option: Bilingual Education/ESL (Spanish-English)</b>	
<b>Course Number and Title</b>	<b>Credits</b>
Curriculum and Instruction Emphasis Requirements:	6
Graduate Core	
TE 563 Conflicting Values .....1	
TE 565 Interpreting Educational Research .....1	
TE 570 Issues in Education .....3	
TE 578 Parents in Education .....1	
Other Requirements:	9
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ...3	
TE 581 Curriculum Planning and Implementation .....3	
TE 582 Instructional Theory .....3	
Bilingual Education/ESL Option Requirements (Spanish-English):	16-17
TE 531 The Culturally Diverse Learner .....3	
TE 547 Language Acquisition and Development .....3	
TE 574 Techniques of Grant Application Writing.....3	
TE 575 Second Language Methods and Materials .....3	
TE 576 Theoretical Fundamentals of Bilingual Education/ESL.....3	
TE 590 Practicum: Clinical Experience.....1-2	
Bilingual Strand Requirement:	3
TE 577 Language and Literacy.....3	
or	
ESL Strand Requirement:	
TE 579 Applied Linguistics: Comparative Language Study .....3	
<b>Total</b>	<b>34-35</b>
<b>Note:</b> Students select either the Bilingual Education or the ESL strand. The Bilingual Education strand uses only the Spanish and English languages and the Hispanic and Anglo cultures. It requires a student to be bilingual in Spanish and English prior to entering the program. The ESL strand uses primarily the Spanish language for examples but is applicable to all non-English languages. It does not require a student to be bilingual. Completion of the Bilingual Education or ESL strand does not qualify the candidate for state certification. However, these courses may be used toward certification renewal or endorsement.	

# Master of Arts or Science in Education

Master of Arts in Education, Curriculum and Instruction		
Option: Secondary Certification		
Course Number and Title		Credits
Graduate Core		6
TE 563 Conflicting Values .....1		
TE 565 Interpreting Educational Research (If Option II is selected).....1		
TE 568 Classroom Management .....1		
TE 570 Issues in Education .....3		
TE 581 Curriculum Planning and Implementation		3
Content Area		9
A minimum of 9 graduate credits to be selected in the area of the endorsement.		
Professional Education Courses		28
Methods Course in the Major or Minor (must be graduate level to apply toward the Master's).....3		
TE 407G Content Literacy for Secondary Students with Diverse Learning Needs .....3		
TE 408G Educational Technology .....3		
TE 559 Philosophy of Education .....3		
TE 584 Selected Topics: Altering Curriculum to Meet Needs of Diverse Learners .....3		
TE 588 Selected Topics: Instructional Theory and Practice.....3		
TE 589 Selected Topics: Educational Psychology Secondary Teaching .....3		
TE 590 Practicum in School Practices .....1		
TE 590 Practicum in Secondary Teaching.....6		
Culminating Activity		0-6
Option I: Project/Thesis		
TE 551 Fundamentals of Educational Research ...3		
TE 591 Project or TE 593 Thesis .....6		
Option II: Written Comprehensive Exam .....0		
Total		46-52

Master of Arts in Education, Early Childhood		
Course Number and Title	Credits	
Graduate Core	6	
TE 543 Early Childhood: Reading	3	
Two of the following three courses:	6	
TE 544 Early Childhood: Advanced Child Development .....	3	
TE 546 Early Childhood: Environments and Programs .....	3	
TE 547 Early Childhood: Language Acquisition and Development .....	3	
TE 590 Practicum: Early Childhood	2-4	
Option electives (choose I or II):		
I. Thesis/Project:	14-16	
TE 551 Fundamentals of Educational Research ...	3	
TE 591 Project or TE 593 Thesis .....	6	
Approved electives .....	5-7	
OR	OR	

Master of Arts in Education, Early Childhood (continued)	
II. Comprehensive Written Examination:	14-16
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ..3	
NOTE: Students electing Option II must take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core or TE 551 Fundamentals of Educational Research (3 credits).	
Approved electives ..... 11-13	
<b>Total</b>	<b>33</b>

Master of Arts in Education, Reading For Those Primarily Responsible for Elementary School Instruction		
Course Number and Title		Credits
Graduate Core		6
TE 501 Foundations of Reading Instruction		3
TE 502 Diagnosis and Correction of Reading Problems		3
TE 504 Seminar in Reading Education		3
Option electives (choose I or II):		18  

Master of Arts in Education, Reading For Those Primarily Responsible for Secondary School Instruction		
Course Number and Title	Credits	
Graduate Core	6	
TE 501 Foundations of Reading Instruction	3	
TE 508 Diagnosis and Correction of Reading Problems- Secondary	3	
TE 504 Seminar in Reading Education	3	

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# Master of Arts or Science in Education

## Master of Arts in Education, Reading Secondary School Instruction (continued)

Option electives (choose I or II):	
I. Thesis/Project:	18
TE 551 Fundamentals of Educational Research ...3	
TE 591 Project or TE 593 Thesis .....6	
Reading electives .....3	
NOTE: Students should choose TE 407G Content Literacy for Secondary Students with Diverse Learning Needs if they have not had a similar 3 credit course.	
Approved electives .....6	
OR	
II. Comprehensive Written Examination:	OR 18
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ...3	
NOTE: Students electing Option II must take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core or TE 551 Fundamentals of Educational Research (3 credits).	
Reading electives .....9	
NOTE: Students should choose TE 407G Content Literacy for Secondary Students with Diverse Learning Needs if they have not had a similar 3 credit course.	
Approved electives .....6	
<b>Total</b>	<b>33</b>
NOTE: Completion of the required courses in the Master of Arts in Education, Reading emphasis may not qualify the candidate for a reading endorsement for state certification. With the assistance of his or her advisor, the candidate can select appropriate electives to meet endorsement requirements.	

## Master of Arts in Education, Special Education Students with Disabilities

Course Number and Title	Credits
Graduate Core	6
TE 514 Counseling/Consulting Skills for Educators	3
TE 515 Advanced Theory of Instructional Design in Special Education	3
TE 523 Emotionally Disturbed Child in the Classroom	3
TE 534 Issues and Trends in Special Education	3
TE 590 Practicum: Special Education	3
Option electives (choose I or II):	
I. Thesis/Project option:	12
TE 551 Fundamentals of Educational Research ....3	
TE 591 Project or TE 593 Thesis .....6	
Approved electives .....3	
OR	
II. Comprehensive Written Examination:	OR 12
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ....3	
NOTE: Students electing Option II must take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core or TE 551 Fundamentals of Educational Research (3 credits).	
Approved electives .....9	

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## Master of Arts in Education, Special Education Students with Disabilities (continued)

Suggested electives:	
TE 450G Behavior Intervention Techniques ....3	
TE 502 Diagnosis and Correction of Reading Problems .....3	
TE 503 Clinic for Reading Specialists .....3	
TE 505 Individual Tests and Measurements ...3	
TE 596 Directed Research: Special Education...3	
<b>Total</b>	<b>33</b>
NOTE: Completion of the required courses in the Master of Arts in Education, Special Education emphasis may not qualify the candidate for state certification. The candidate should seek the help of his or her advisor to determine endorsement requirements.	

## Master of Arts in Education, Special Education Severe Disabilities

Course Number and Title	Credits
Graduate Core	6
TE 514 Counseling/Consulting Skills for Educators	3
TE 517 Seminar on the Students with Disabilities	3
TE 523 Emotionally Disturbed Child in the Classroom	3
TE 534 Issues and Trends in Special Education	3
TE 590 Practicum: Special Education	3
Option electives (choose I or II):	
I. Thesis/Project option:	12
TE 551 Fundamentals of Educational Research ...3	
TE 591 Project or TE 593 Thesis .....6	
Approved electives .....3	
OR	
II. Comprehensive Written Examination:	OR 12
TE 559 Philosophy of Education .....3	
or	
TE 551 Fundamentals of Educational Research ....3	
NOTE: Students electing Option II must take a research class, which may be TE 565 Interpreting Educational Research (1 credit) as part of core or TE 551 Fundamentals of Educational Research (3 credits).	
Approved electives .....9	
Suggested electives:	
TE 423G Teaching Students with Moderate and Severe Disabilities.....3	
TE 450G Behavior Intervention Techniques...3	
<b>Total</b>	<b>33</b>
NOTE: Completion of the required courses in the Master of Arts in Education, Special Education emphasis may not qualify the candidate for state certification. The candidate should seek the help of his or her advisor to determine endorsement requirements.	

# Master of Arts or Science in Education

Master of Science in Education, Educational Technology	
Course Number and Title	Credits
The Master of Science in Education with an emphasis in Educational Technology prepares students to work in educational settings requiring expertise in improving performance, designing instruction, and using a variety of educational delivery systems.  This program is to enable professionals to select and use a variety of technologies to produce long-term benefits for individuals and educational organizations.  The coursework in this program includes a wide range of theoretical and practical experiences. It culminates in the development of a project for a specific educational organization or a thesis investigating an important and timely issue.	
Requirements: IP 536 Intro Instructional Technology .....3 IP 537 Instructional Design .....3 TE 408G Integrating Technology into Classroom Curricula .....3 TE 528 Telecommunications in Teaching .....3 TE 538 Instructional Courseware Design .....3 TE 551 Fundamentals of Educational Research ....3 TE 582 Instructional Theory .....3 TE 591 Project or TE 593 Thesis .....6	27
Suggested Electives: Students should take at least 6 credits of elective course work. SO 510 Conflict & Change in Socio-Cultural Systems .....3 TE 581 Curriculum and Planning & Implementation .....3 TE 583 Selected Topics: Educational Technology .....3 TE 525 Advanced Educational Psychology .....3 TE 562 School Organization & Finance .....1 TE 570 Issues in Education (3) with corequisite TE 563 Conflicting Values in Education (1) .....4 TE 590 Practicum .....6	6
<b>Total</b>	<b>33</b>

## Second Master's Degree

A student who has earned a master's degree in education from Boise State University may earn a second degree in another area of emphasis.

Guidelines for the Award of a Second Master's Degree:

1. A candidate must meet all program requirements prescribed by the second master's curriculum.
2. Program requirements for the second degree that have already been met in the program for the first degree awarded may be counted toward the second degree at the discretion of the student's graduate committee.
3. A minimum of 21 credits of new course work is required for the second degree.

4. The seven-year time limit applies to all courses to be counted toward the second degree.

## Planned Fifth Year

**Purpose:** Continuing education is a vital element in maintaining professional competence among teachers. Yet not all teachers desire the structure and demands imposed by a master's program. The purpose of the Planned Fifth Year is to enable and encourage teachers to further their professional growth and meet career goals through a planned and intellectually rigorous program of study. The goals of the program are largely determined by the candidate. The candidate may choose 1) to broaden or deepen knowledge and skills related to current teaching assignment or, 2) to seek an additional endorsement or advanced certification.

## Admission Requirements for Planned Fifth Year

1. Be a certified teacher.
2. Meet the admission standards of graduate study 2.75 overall G.P.A. or 3.00 in the last two years of study.

## Program Requirements

Planned Fifth Year	
Course Number and Title	Credits
All students will complete 30 credits including: TE 582 Instructional Theory	3
Graduate Core or two of the following courses: TE 551 Fundamentals of Educational Research ....3 TE 559 Philosophy of Education .....3 TE 581 Curriculum Planning and Implementation .....3	6
Content Courses	9
Electives	12
<b>Total</b>	<b>30</b>
A. A minimum of 20 credits must be earned after admission. B. Transfer credits are limited to nine (9). C. A maximum of 10 credits may be undergraduate work. D. A maximum of 10 credits may be pass/fail. E. A maximum of 6 credits of 'C' grades will be accepted. F. Overall G.P.A. for the program must be 3.00. G. The program must be planned with an advisor and must be completed within seven years of the first credits applied to the program.	
Note: This is not a degree or certification program. If, as a result of course work taken in the program, the candidate becomes eligible for a different certificate or endorsement, it is the candidate's responsibility to make application to the State Department of Education.	

## Teacher Certification

Students admitted to graduate programs in the College of Education who are also seeking certification as a teacher must be admitted to the Teacher Education program in the Department of Educational Foundations, Technology, and

Secondary Education or the Department of Elementary Education and Specialized Studies, and must fulfill any competency requirements related to certification.

Students seeking secondary certification may enroll at the graduate level and work concurrently on a Master's in Curriculum and Instruction. Approximately 28 credits are required for certification (depending on students' content areas) and an additional 18 credits for the Master's degree. Students seeking elementary school certification may arrange with their advisors to take some graduate level courses which also apply toward the Master's degree. However, this is done on an individual basis.

## Course Offerings

### TE TEACHER EDUCATION

**TE 407G CONTENT LITERACY FOR SECONDARY STUDENTS WITH DIVERSE LEARNING NEEDS (3-0-3) (F/S/SU).** Emphasis on using instructional materials in the various content subjects and developing instructional skills to meet the reading, writing, and studying needs of all learners, especially those considered "at-risk." Graduate credit requires completion of additional objectives. PREREQ: TE 201 and Admission to Teacher Education.

**TE 408G INTEGRATING TECHNOLOGY INTO CLASSROOM CURRICULA (3-0-3) (F/S).** Using both stand-alone and networked computer systems, students will develop classroom strategies for integrating computers and selected software into lesson and unit plans; use CD-ROM, video disk, video technology, and overhead projection panels as part of instructional lessons; and access communications applications and data bases via modems. PREREQ: TE 208, teaching experience, or PERM/INST.

**TE 423G TEACHING THE MODERATELY AND SEVERELY HANDICAPPED (3-0-3) (S).** This course is an overview of program development and instructional techniques appropriate for students who have moderate to severe disabilities. Major emphasis is on the development of functional programming within integrated educational settings. PREREQ: Admission to Teacher Education.

**TE 450G BEHAVIOR INTERVENTION TECHNIQUES (3-0-3) (F).** This course provides an introduction to the theoretical principles of behavior and the development of practical applied behavior analysis procedures with children from the preschool years through adolescence. As part of the course students will develop, implement and evaluate a field-based applied behavior analysis project. PREREQ: Admission to Teacher Education.

**TE 463G INFANT EDUCATION (3-0-3) (SU).** The physical, social, emotional and intellectual development of the infant-age birth to three will be examined in relation to kinds of environment and learning experiences that will stimulate and ensure optimum development. PREREQ: Admission to Teacher Education.

**TE 501 FOUNDATIONS OF READING INSTRUCTION (3-0-3) (F/S/SU).** Students in this class study the theoretical constructs of reading, the psychological and pedagogical foundations of reading instruction, and learn to create and improve reading education programs in elementary and secondary classrooms.

**TE 502 DIAGNOSIS AND CORRECTION OF READING PROBLEMS (3-0-3) (S/SU).** Diagnosis and standardized testing procedures and corrective techniques will be learned, practiced, and then applied to a child in the Reading Education Center. All techniques are those a classroom teacher would utilize. A case report will culminate the course. PREREQ: TE 501 or PERM/INST.

**TE 503 CLINIC FOR READING SPECIALISTS (3-0-3) (S).** This course emphasizes more intricate diagnostic techniques and remediation procedures. Alternative testing methods will be presented. Each participant works with a child under supervision in the Reading Education Center and prepares a case report. PREREQ: TE 502 or PERM/INST.

**TE 504 SEMINAR IN READING EDUCATION (3-0-3) (S/SU).** This course covers three areas of reading education: involvement in a professional reading association, leadership in reading education, and current issues in reading education. PREREQ: PERM/INST.

**TE 505 INDIVIDUAL TESTS & MEASUREMENTS (3-0-3) (S).** An intense investigation is pursued in the area of measurement theory followed by practical applications in individual testing and student diagnosis.

**TE 508 DIAGNOSIS AND CORRECTION OF READING PROBLEMS-SECONDARY (3-0-3) (S/SU).** This course is designed for the teacher of the required high school reading course and any other high school course dealing with students with reading problems.

**TE 510 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING SOCIAL SCIENCE (3-0-3) (F).** A comprehensive study of the practices and principles in social science education, including objectives, social problems, unit development, work-study skills, organization of the program materials and media, and research findings basic to social studies will be developed.

**TE 511 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING ELEMENTARY SCHOOL MATHEMATICS (3-0-3) (S).** Emphasis on creative methods and strategies for teaching elementary school mathematics. Also includes a review of current research, curriculum trends and exploration of experimentation with unique materials for teaching mathematics.

**TE 512 ADVANCED PRINCIPLES AND PRACTICES IN TEACHING LANGUAGE ARTS AND LINGUISTICS (3-0-3) (F).** Emphasis will be given to the role of language arts and linguistics in the school curriculum, stressing modern approaches to language development, semantics, phonetics, phonics, and orthography.

**TE 513 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING ELEMENTARY SCIENCE (3-0-3) (F).** Current practices and principles in modern elementary science concepts are developed. Emphasis is placed on the selection and organization of content and experimental activities.

**TE 514 COUNSELING/CONSULTING SKILLS FOR EDUCATORS (3-0-3) (F).** This course will cover the development of counseling and consulting skills for educators to work with parents and other professionals. Instruction will focus on developing skills to work with students who experience various social and emotional concerns relating to learning. Major areas to be addressed will include theories and approaches to counseling and consulting, communication skills, intervention programs. PREREQ: GRAD or PERM/INST.

**TE 515 ADVANCED THEORY OF INSTRUCTIONAL DESIGN FOR SPECIAL EDUCATORS (3-0-3) (F).** The course is designed to teach students advanced design components to effectively instruct special education children and adults. The course will include the theoretical and programmatic considerations of instructional design. The course may be useful to regular classroom teachers who wish to gain some knowledge in dealing with special students. PREREQ: TE 431 or PERM/INST.

**TE 516 TEACHING GIFTED AND TALENTED STUDENTS (3-0-3) (S).** Teachers and others working with the instructional needs of gifted and talented students will develop skills in the techniques of meeting the educational goals of these exceptional individuals.

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Methods and materials for this approach will be evaluated as to application and assessment.

**TE 517 SEMINAR ON THE SEVERELY HANDICAPPED LEARNER (3-0-3) (S odd years).** This graduate-level course is designed to facilitate student knowledge and skills in relation to teaching the severely handicapped learner. Emphasis is placed on research-based, instructional techniques and current professional issues in the field. PREREQ: TE 423 or PERM/INST.

**TE 518 TECHNIQUES FOR CREATIVE WRITING IN ELEMENTARY SCHOOLS (3-0-3) (S).** Methods and techniques for encouraging creative writing in the elementary school.

**TE 519 ADVANCED STUDY OF CHILDREN'S LITERATURE (3-0-3) (F odd years).** The course provides an in-depth literary analysis of children's literature from preschool to early adolescence, including multicultural literature. The course promotes development of children's literature activities for classroom, libraries, and other settings.

**TE 522 INDIVIDUALIZATION OF READING INSTRUCTION (3-0-3) (S/SU).** Emphasis upon the individualized approach to reading instruction is developed. Techniques of conferencing book selection, skill development and independent language arts activities are explored.

**TE 523 THE EMOTIONALLY DISTURBED CHILD IN THE CLASSROOM (3-0-3) (F/SU).** This course is designed to assist school personnel in understanding the educational and psychological needs of students with severe behavioral problems. PREREQ: PERM/INST.

**TE 525 ADVANCED EDUCATIONAL PSYCHOLOGY (3-0-3) (Demand).** A study of contemporary issues involving both theoretical and methodological considerations in the history and systems of educational psychology. Special emphasis will be given to group behavior in terms of principles relevant to educational objectives. PREREQ: P 101 and TE 225.

**TE 528 TELECOMMUNICATIONS IN TEACHING (3-0-3) (S/SU).** Provides students with fundamental telecommunications concepts and skills as well as a framework for integrating technology into classroom instruction. Students will learn to plan and execute telecommunications-based lessons, explore ways in which to use telecommunications as a means to enrich curriculum, apply instructional models appropriate to this medium, and critically examine the role of telecommunications as a teaching strategy. PREREQ: TE 408.

**TE 531 THE CULTURALLY DIVERSE LEARNER (3-0-3) (Demand).** Students will study educational changes and adjustments resulting from the interactions of a variety of cultural backgrounds in schools. Specialized techniques, methods, processes, and programs designed to meet the unique learning needs of linguistically and culturally diverse learners will be presented.

**TE 534 ISSUES & TRENDS IN SPECIAL EDUCATION (3-0-3) (S) (Even years).** This course will investigate the current issues and trends in the field of special education. It will be organized around six topical areas: 1) identification, 2) assessment, 3) eligibility, 4) service delivery, 5) intervention approaches, and 6) instructional strategies. Discussion will be library research based and will focus on all areas of exceptionality in both elementary and secondary school settings. PREREQ: GRAD or PERM/INST.

**TE 538 INSTRUCTIONAL COURSEWARE DESIGN (3-0-3) (S).** Students will design instruction with the assistance of a microcomputer and link the instruction with video technology.

Students will investigate several authoring languages to facilitate the development and delivery of instruction. PREREQ: IP 537.

**TE 541 EDUCATION IN EMERGING NATIONS (3-0-3) (F).** The course provides an analysis of the relationship between national goals and the educational system in the twentieth century. Contemporary systems will be studied in light of three major factors: (1) religious factors; (2) natural factors such as race, language and environment; (3) secular factors such as Humanism, Socialism and Nationalism.

**TE 543 EARLY CHILDHOOD: READINGS (3-0-3) (S).** Past and current research in early childhood education will be reviewed and synthesized in a seminar format. Students will determine a specific research area to study in depth.

**TE 544 EARLY CHILDHOOD: ADVANCED CHILD DEVELOPMENT (3-0-3) (F).** The student will examine in depth the physical, social-emotional, cognitive-language, and creative development of children, birth to age eight.

**TE 546 EARLY CHILDHOOD: ENVIRONMENTS AND PROGRAMS (3-0-3) (S).** The student will examine critical elements in the development and administration of effective early childhood programs including evaluating children, setting up the environment, developing and implementing curriculum, and teaching methods.

**TE 547 EARLY CHILDHOOD: LANGUAGE ACQUISITION AND DEVELOPMENT (3-0-3) (F/Demand).** The student will examine various theories and stages of language development, and will study approaches to facilitate language development in children of English and non-English speaking backgrounds.

**TE 549 COUNSELING TECHNIQUES FOR CHEMICAL DEPENDENCY (3-0-3) (F/S).** A study of counseling techniques and practices used in dealing with people of all ages who are chemically dependent. Special attention will be paid to the impact of chemical dependency in family members and counseling strategies for adolescents. This course may be taken for either H or TE but not both.

**TE 551 FUNDAMENTALS OF EDUCATIONAL RESEARCH (3-0-3) (F/S/SU).** This course will introduce students to the elements of experimental and non-experimental research designs. Instruction in using research resources and interpreting statistics will be given and students will analyze current research related to education. Students will learn how to develop a research proposal and will write a scholarly research paper.

**TE 555 SUPERVISION OF INSTRUCTIONAL PERSONNEL (3-0-3) (S).** A course designed to improve the supervision skills of elementary/secondary cooperating teachers and other supervisory personnel. Emphasis will be placed on a variety of observation and evaluation strategies designed to improve instruction.

**TE 559 PHILOSOPHY OF EDUCATION (3-0-3) (S,SU).** Students will analyze and evaluate past and contemporary philosophies and the values derived from them as they apply to education. A formal paper will be required.

**TE 561 SCHOOL LAW FOR THE CLASSROOM TEACHER (1-0-1) (SU).** This course will provide school personnel with an overview of school law designed to help them become more aware of student and teacher rights and how those rights can be legally asserted. The emphasis will be on "preventive" law, thus avoiding litigation.

**TE 562 SCHOOL ORGANIZATION AND FINANCE (1-0-1) (SU).** This course will provide a brief overview of the federal, state and local organizational structures of schooling in America with particular attention given to funding and sources of authority. Issues of policy making as they affect teachers will be examined.



**TE 563 CONFLICTING VALUES INFLUENCING EDUCATION (1-0-1)(SU).** Students will explore ideological positions which have affected educational programs and policies. They will be asked to carefully consider their own values and analyze how these positions affect their modes of classroom operation. PREREQ: Graduate status. COREQ: TE 570.

**TE 564 INSTRUCTIONAL TECHNIQUES-SECONDARY SCHOOLS (1-0-1)(SU).** In this course, students will investigate instructional techniques which have sound basis in research and theory and which promote development of thinking skills in students.

**TE 565 INTERPRETING EDUCATIONAL RESEARCH (1-0-1)(SU).** This course will prepare students to read, understand, and critically analyze educational research in their own fields. It includes basic research terminology, strengths and weaknesses in research design, and interpretation of research results. COREQ: TE 570.

**TE 566 LEARNING THEORY AND CLASSROOM INSTRUCTION (1-0-1)(SU).** Students will investigate major contemporary learning theories and their implications for instruction and curriculum development.

**TE 568 TECHNIQUES OF CLASSROOM MANAGEMENT (1-0-1)(SU).** This course will explore approaches to effectively working with students in elementary and secondary classrooms. Skill development and theoretical considerations related to developing healthy and productive learning environments will be emphasized.

**TE 569 TESTING AND GRADING (1-0-1)(SU).** This course will include an introduction to the theories and fallacies of testing and grading. Problems and methods of constructing teacher-made tests will be included, with practice in designing better tests and systems of grading. COREQ: TE 570.

**TE 570 ISSUES IN EDUCATION (3-0-3)(SU).** This course is part of the graduate education core. The content of this course varies, depending upon the current educational issues, but does always include readings, large group presentations, and small group discussions over philosophical, psychological, and sociological aspects in education.

**TE 573 INSTRUCTIONAL TECHNIQUES ELEMENTARY SCHOOL (1-0-1)(SU).** In this course, students will investigate instructional techniques which have sound bases in research and theory and which promote the development of thinking skills in elementary students.

**TE 574 TECHNIQUES OF GRANT APPLICATION WRITING (3-0-3)(Demand).** This is a course on techniques of writing grants to public and/or private agencies. Students will practice writing grants. A review of the authorizing legislation and regulations governing grants will also be presented. Students will learn how to implement and close out grants.

**TE 575 SECOND LANGUAGE METHODS AND MATERIALS (3-0-3)(Demand).** A critical study of various methodologies in second language teaching is presented. Students learn to evaluate commercial and teacher-made materials and to integrate language teaching with subject matter areas.

**TE 576 THEORETICAL FOUNDATIONS OF BILINGUAL EDUCATION/ESL (3-0-3)(Demand).** This is a course on the study and analysis of bilingual education and English as a Second Language

programs. Students will study the most current research on student assessment, program implementation and adaptation of these programs to community needs.

**TE 577 LANGUAGE AND LITERACY (3-0-3)(Demand).** This course considers the connection between written and oral language development, first and second language reading and writing processes, and the techniques and processes of teaching literacy in a second language. Instruction is in English and in Spanish.

**TE 578 PARENTS IN EDUCATION (1-0-1)(SU).** This class describes the role of parents in education and the role of the teacher in initiating and/or implementing parental involvement. Specific attention will be given to parents of linguistically and culturally diverse children.

**TE 579 APPLIED LINGUISTICS: COMPARATIVE LANGUAGE STUDY (3-0-3) (Demand).** This course provides an in-depth study of sociolinguistic aspects of the Spanish and English languages. Differences and similarities in Spanish, English and other selected languages and dialects are studied in order to assist limited English proficient students acquire a second language more efficiently.

**TE 581 CURRICULUM PLANNING AND IMPLEMENTATION (3-0-3) (F/S/SU).** This is a general course for practicing teachers intended to give them a foundation in curriculum theory and practice. They will develop an understanding of how curriculum is developed, organized, implemented and evaluated. Current issues and trends in curriculum with some historical perspective will be explored.

**TE 582 INSTRUCTIONAL THEORY (3-0-3)(F/S/SU).** This course includes investigations of research and theory about educational contexts, motivation, learning and development as they relate to models of instruction. Students will develop skills in selecting appropriate instructional models to achieve specific purposes in a variety of educational settings.

**TE 590 PRACTICUM (Variable).**

**TE 591 PROJECT (0-V-6).**

**TE 593 THESIS (0-V-6).**





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### Master of Arts in Education, Art

Department of Art  
Public Affairs/Art West Building, Room 116A  
Liberal Arts Building, Room 252  
Telephone 208 385-3873; 385-1230; 385-3183  
e-mail: hhanlon@claven.idbsu.edu

**Graduate Program Coordinator:** Heather Hanlon  
**Department Chair:** Gary Rosine  
**Full Graduate Faculty:** Bill Benson, Jim Blankenship, Don Douglass, Heather Hanlon, Howard Huff, John Killmaster, Al Kober, George Roberts, Cheryl Shertleff-Young, Brent Smith, Mary Stieglitz, John Taye, Ron Taylor, Richard Young  
**Associate Graduate Faculty:** James Budde, Felix Heap  
**Adjunct Graduate Faculty:** Gaye Hoopes

### General Information

The Master's Degree in Education, Art emphasis, is designed to meet the needs of specialists in art education. While the focus of the program and the required core classes are on the teaching, analyzing, and evaluating of the arts, non-education art majors can also select a studio or an art history area for their emphasis.

### Application and Admission Requirements

Following admission to BSU through the Graduate Admissions Office and an initial interview with the Graduate Program Coordinator in the Department of Art, the following will be submitted to the Art Department Graduate Admissions Committee by March 1 or October 1 within the student's first year of study:

- The names and addresses of three art educators or professional persons who are acquainted with the student's academic and artistic qualifications to pursue graduate study;
- A minimum of twenty (20) slides or portfolio of recent art work;
- A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study;
- An example of academic or professional writing; and
- Evidence of any public or private teaching experience(s).

The Graduate Admissions Committee of the Department of Art will recommend or deny the student's application to the Chair of the department and the Dean of the Graduate School. The Dean will then notify the student of the results of the application.

### Degree Requirements

Master of Arts in Education, Art	
Course Number and Title	Credits
<b>Required Courses:</b>	3
AR 501 The Fine Arts: Analysis and Appreciation in the Educational Program	
AR 551 Curriculum Development and Assessment in Art Education	3
AR 591 Project or AR 593 Thesis	6
Education Graduate Core courses	6
Studio or Content Electives: The student's work will be selected in relation to background, interests, and professional objectives in consultation with the graduate advisor and committee. If the student selects a studio emphasis, the concentration or emphasis for the Project or Thesis will be determined by the student and their graduate advisor and committee.	15
<b>Total</b>	<b>33</b>

### Course Offerings

#### AR ART

**AR 501 THE FINE ARTS: ANALYSIS AND APPRECIATION IN THE EDUCATIONAL PROGRAM (3-0-3) (S).** Emphasis will be placed on learning about and applying the psychological and aesthetic theories commonly used in the creation, appreciation, and response to the fine arts in American educational settings. Course activities include attending a variety of arts presentations. Students will develop a researched, written unit of arts curriculum appropriate for educational use. PREREQ: Graduate status or PERM/INST.

**AR 521 TEACHING THROUGH EXPERIMENTAL ART MEDIA (0-6-3) (SU).** (Previously approved for Elementary Master's Degree). Varied and unique experimental art processes and media to be used in conjunction with creative teaching techniques that emphasize critical thinking skills and the development of new or enriched art(s) curricula for K-12. Students will solve procedural problems and adapt art media to teaching experiences. Outside reading and creative exploration will be expected, as well as a final presentation including a written paper. PREREQ: Graduate standing.

**AR 551 CURRICULUM DEVELOPMENT AND ASSESSMENT IN ART EDUCATION (3-0-3) (F).** Designed for those teaching or planning to teach art at any level, this course includes the history and rationale of American arts curricula K-12, the development of a selected, viable curriculum in a specific area, and the use of curriculum planning techniques appropriate in current educational settings. PREREQ: Graduate status and PERM/INST.

**AR 578-589 SERIES SELECTED TOPICS (3-0-3).** An opportunity for the student to work independently with particular professors in specific areas or media. Credits can be divided into several areas or concentrated within an approved area of emphasis to be determined by the graduate student, advisor, and committee.

**AR 578 SELECTED TOPICS - ART EDUCATION**  
**AR 579 SELECTED TOPICS - COMPUTER GRAPHICS**  
**AR 580 SELECTED TOPICS - DRAWING**  
**AR 581 SELECTED TOPICS - PAINTING**

**AR 582 SELECTED TOPICS - CRAFTS****AR 583 SELECTED TOPICS - SCULPTURE****AR 584 SELECTED TOPICS - PHOTOGRAPHY****AR 585 SELECTED TOPICS - CERAMICS****AR 586 SELECTED TOPICS - PRINTMAKING****AR 587 SELECTED TOPICS - DESIGNING****AR 588 SELECTED TOPICS - ILLUSTRATION****AR 589 SELECTED TOPICS - ART HISTORY****AR 590 PRACTICUM/INTERNSHIP (3 credits)**

**AR 591 PROJECT (6 credits).** The graduate project includes a scholarly paper describing the history and results of original research used to substantiate a special view in the field of visual arts. The project will be:

- 1) An art show subject to full graduate faculty review; or
- 2) A comprehensive, illustrated visual arts curriculum in written form appropriate for use in an educational setting.

The required oral comprehensive examination will be prepared, administered, and evaluated by the student's Graduate Advisory Committee within the final month of the project presentation.

PREREQ: Graduate status.

**AR 593 THESIS (V-V-6).** The thesis will be a scholarly paper embodying results of original research which are used to substantiate a specific view in the field of the visual arts. The required oral comprehensive examination will be prepared, administered, and evaluated by the student's graduate advisory committee within the final month of the thesis presentation. PREREQ: Graduate status.

**AR 594 WORKSHOP (1-3 credits)****AR 595 READING AND CONFERENCE (1-2 credits)****AR 596 DIRECTED RESEARCH (1-3 credits)**

**AR 598 SEMINAR IN ART (3-0-3)(S).** (Previously approved for Elementary Master's Degree). Upon selection of an approved topic by the graduate advisor and committee, the student will research the subject/medium/process thoroughly, present written report with annotated bibliography and an oral report of the findings utilizing visual material in their presentation to faculty and students as arranged. PREREQ: Graduate standing.

**Art courses with a "G" designation are listed below.** All 300G and 400G level courses taken for credit must be approved by the student's Graduate Advisory Committee or Graduate Advisor. A limit of nine (9) semester hours can be taken at the 300 or 400 "G" level for credit in the MA in Education, Art emphasis program. No course numbered below 500 carries graduate credit unless the "G" is affixed.

It is understood that graduate students enrolled in "G" courses will be required to do extra work in order to receive graduate credit for the courses. Only graduate faculty will supervise graduate students in 300 or 400 level courses carrying the "G" designation. The faculty member, in discussion with the student prior to admission into the course, will define the amount, description, and evaluation of the work to be done.

**AR 301G NINETEENTH CENTURY ART HISTORY (3-0-3)(F).** A study of important artists and movements from Neoclassicism through Post-Impressionism. Critical writing will be assigned.

**AR 302G HISTORY OF TWENTIETH CENTURY MOVEMENT IN ART (3-0-3)(S).** An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Critical writings will be assigned.

**AR 303G STUDIO IN GRAPHIC DESIGN (0-6-3)(F).** The role of the computer in the modern practice of Graphic Design is stressed. Limited computer lab time is available during class. Emphasis is on

conceptualizing and the development of a personal problem-solving methodology. Particular attention is given to development of precise verbal presentation skills. PREREQ: AR 333.

**AR 304G ADVANCED STUDIO IN GRAPHIC DESIGN (0-6-3)(S).**

Continued exploration of the role of computers in modern design. Problems of a more complex nature are presented. Students are encouraged to develop and expand both the verbal and visual elements within a design problem. Verbal presentation skills and written rationales are integrated within the visual format. PREREQ: AR 303, AR 333.

**AR 305G STUDIO IN VISUAL DESIGN (0-6-3)(F/S).** Advanced exploration of two dimensional or three-dimensional design, continuing with problems in line, form, color, texture and space. Advisable to take AR 105 and 106 prior to AR 305.

**AR 307G STUDIO IN METALSMITHING (0-6-3)(F/S).** Advanced study in methods of jewelry making and metalsmithing with special emphasis on raising, die-forming, sheet forming and mechanical techniques to further develop personal skills in design and craftsmanship. May be repeated for credit. PREREQ: AR 221, 222.

**AR 309G STUDIO IN PRINTMAKING (0-6-3)(F/S).** Introduction to color printing and advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing. PREREQ: AR 209.

**AR 311G ADVANCED DRAWING (0-6-3)(F/S).** Structural, interpretive, or compositional study from the model or other subject matter, based on individual interests. Model fee. May be repeated once for credit. PREREQ: AR 212.

**AR 315G STUDIO IN PAINTING (0-6-3)(F/S).** Creative work in representational areas in any media. May be repeated once for credit. PREREQ: AR 215.

**AR 317G PAINTING-WATERCOLOR (0-6-3)(F).** Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 217 and 218 prior to AR 317.

**AR 318G PAINTING-WATERCOLOR (0-6-3)(S).** Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 317 prior to AR 318.

**AR 319G PORTRAIT PAINTING (0-6-3)(S).** Painting from models in realistic or semi-abstract styles based on individual interests. Focus on creative approaches to portraiture. Model fee. May be repeated for credit. PREREQ: AR 211 or PERM/INST. Advisable to take AR 114, 212, and 219 prior to AR 319.

**AR 321G ELEMENTARY SCHOOL ART METHODS (3-1-3)(S).**

This course is designed to prepare future elementary education teachers in awareness, skills, theories and practices in K-8 art education. Child growth and development, curriculum selection and planning, classroom management and assessment strategies and basic historical aesthetic learning methods will be addressed. Students will demonstrate technical and artistic skills and mastery with K-8 art materials and will design, teach and assess art lessons. Optional lab hours available. Materials fee. PREREQ: Upper division standing.

**AR 322G ELEMENTARY SCHOOL ART METHODS FOR ART EDUCATION MAJORS (3/2/4)(S).**

Prepares future art education teachers in awareness, skills, theories, and practices in K-8 art education. Child growth and development, curriculum selection and planning, classroom management and assessment strategies, and basic historical and aesthetic learning methods will be addressed. Students will use their technical and artistic skills and mastery with K-8 art materials and will design, teach, and assess art lessons. 30 hours of on-site clinical experience will be arranged. Additional lab hours

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available. Materials fee. Graduate students will assume supervisory/leadership roles as appropriate. PREREQ: Art education major; upper division standing.

**AR 325G STUDIO IN CERAMICS (0-6-3)(F).** Advanced study in the materials of ceramics with emphasis on exploration of clays, glazes and firing in earthenware, stoneware, and porcelain. Individual instruction will be given. PREREQ: 225 or 226 or PERM/INST.

**AR 326G STUDIO IN CERAMICS (0-6-3)(S).** Emphasis is on structural studies in hand-building and wheel-thrown works. Various firing methods using earthenware, stoneware and porcelain will be explored. PREREQ: AR 225 or 226 or PERM/INST.

**AR 331G STUDIO IN SCULPTURE (0-6-3)(F/S).** Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Advisable to take AR 231 and 232 prior to AR 331. May be repeated once for credit.

**AR 333G COMPUTER DESIGN FOR GRAPHIC DESIGNERS AND ARTISTS (2-4-4)(F/S).** This course will familiarize the student with current programs for publication design, electronic prepress methods, illustration, fine art, photo manipulation and interactive programming. Available software includes the latest in illustration, graphic design, three dimensional applications, animation, paint and interactive programs. PREREQ: PERM/INST.

**AR 341G CREATIVE PHOTOGRAPHY (2-4-3)(F/S).** Advanced study of photographic techniques; emphasis on the creative approach to picture taking and printing. Adjustable camera required. Advisable to take AR 251 prior to AR 341.

**AR 344G CREATIVE PHOTOGRAPHY, COLOR PRINTING (2-4-3)(F/S).** Advanced study of photographic techniques; emphasis on the creative approach to picture taking and printing in color. Adjustable camera required. May be repeated for credit. PREREQ: AR 251 or PERM/INST.

**AR 345G STUDIO IN CREATIVE PHOTOGRAPHY (2-4-3)(F/S).** Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the course as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Adjustable camera required. May be repeated for credit. PREREQ: AR 251 or PERM/INST.

**AR 346G PHOTOGRAPHY: ZONE SYSTEM (2-4-3)(F).** This course deals with the important relationship that exists between the negative and the print in photography. This course will provide systematic accounting of the numerous variables of personal equipment, procedures, films, developers, enlarging papers and style. Technique as the clarifier of idea will be stressed. PREREQ: AR 251 or PERM/INST. Offered odd numbered years.

**AR 351G SECONDARY SCHOOL ART METHODS (3-2-3)(F).** For students expecting to teach art education at the junior and senior high school levels. Includes pedagogical, philosophical and methodological issues and guidelines for grades 6-12 instructional design, development and assessment, essential information about materials, safety and aesthetics. An educational portfolio and 30 hours of clinical experience are required in a 6-12 setting.

**AR 361G ILLUSTRATION I (0-6-3)(F).** Survey of historical and contemporary illustration materials, techniques and styles. Focus on Creative Communicative solutions to visual problems. PREREQ: AR 112, AR 105 and AR 106.

**AR 362G ILLUSTRATION II (0-6-3)(S).** Continued exploration of illustration as a profession and as an expressive communicative

medium. Focus on interpretive problem solving. Individually selected media. PREREQ: AR 361 and PERM/INST.

**AR 371G HISTORY OF TWENTIETH CENTURY AMERICAN ART (3-0-3)(F).** Beginning with a short survey of American Art from the Ashcan School through the Thirties with concentration on Abstract Expressionism, Pop, Op and Minimal. Critical writing will be assigned. Advisable to take AR 302 prior to AR 371.

**AR 409G STUDIO IN PRINTMAKING (0-6-3)(F/S).** Individual problems in any of the following areas; woodcut, lithography, intaglio and serigraphy. May be repeated for credit. PREREQ: AR 309.

**AR 411G DRAWING STUDIO (0-6-3)(F/S).** Individual problems in drawing. Model fee. May be repeated for credit. PREREQ: AR 311.

**AR 415G STUDIO IN PAINTING (0-6-3)(F/S).** Individual problems in painting in any media. Students will participate in one-person senior show projects. May be repeated for credit. PREREQ: AR 315.

**AR 417G STUDIO IN PAINTING-WATERCOLOR (0-6-3)(F/S).** Advanced study in media. Students will participate in one-person senior show projects. May be repeated selected watercolor media. Advisable to take AR 317 and 318 prior to AR 417. May be repeated for credit.

**AR 419G STUDIO IN METALS (0-6-3)(F/S).** Continued study in materials and methods (advanced) of jewelry making and metalsmithing as they apply to the creative artist and teacher. May be repeated for credit. PREREQ: AR 221, 222, 307.

**AR 425G STUDIO IN CERAMICS (0-6-3)(F/S).** Continued study in the materials of ceramics with emphasis on the exploration of clays, glazes and firing as it applies to the creative artist or teacher. Advisable to take AR 325 and 326 prior to AR 425. Individual instruction will be given. May be repeated for credit.

**AR 431G STUDIO IN SCULPTURE (0-6-3)(F/S).** Continued study in the material and methods of the sculptor with emphasis on welded steel and casting, carving, mixed media and experimental. Advisable to take two semesters of AR 331 prior to AR 431. May be repeated for credit.

**AR 441G CREATIVE PHOTOGRAPHY (2-4-3)(F/S).** Individual problems in black and white photography. Advisable to take AR 251 and AR 341. May be repeated for credit.

**AR 444G CREATIVE PHOTOGRAPHY, COLOR PRINTING (2-4-3)(F/S).** Individual problems in color photography. May be repeated for credit. PREREQ: AR 344 or PERM/INST.

**AR 461G STUDIO IN ILLUSTRATION (0-6-3)(S).** Continued exploration of illustration as a profession and as an expressive communicative medium. Focus on development of an individual visual voice through advanced interpretive problem solving. PREREQ: AR 362 and PERM/INST.

**AR 477G GRAPHICOM (4-0-4)(F/S).** This class provides students the opportunity to work with Boise area non-profit organizations in need of design assistance. Computer-aided design and print production are stressed. Initial client contacts are provided. This course provides a broad base of understanding and enables students to experience the specific of going to press. PERM/INST. May be repeated for credit.

**AR 483G COMPUTER GRAPHICS FOR GRAPHIC DESIGNERS (0-2-2)(F/S).** The student is to select an area of particular interest which will then be thoroughly explored on the computer. PREREQ: AR 333.

## Master of Science in Education, Earth Science

Department of Geosciences  
Math/Geosciences Building, Room 225  
Telephone 208 385-1631  
FAX 208 385-4061  
e-mail: cwaag@trex.idbsu.edu

**Graduate Program Coordinator:** Charles J. Waag

**Department Chair:** Paul R. Donaldson

**Full Graduate Faculty:** Elton B. Bentley, Paul R. Donaldson, Kenneth M. Hollenbaugh, John R. Pelton, Walter S. Snyder, Claude Spinosa, Charles J. Waag, Craig M. White, Monte D. Wilson, Spencer H. Wood

**Associate Graduate Faculty:** Paul Michaels

**Adjunct Graduate Faculty:** Warren Barrash, Mary Donato, Virginia Gillerman, Michael D. Knoll, Mitchell W. Lyle, Verne Oberbeck, Kurt L. Othberg, Mark Seyfried, E. J. Smith, Edward Squires, James E. Zollweg

## General Information

The curriculum for the Master of Science in Education, Earth Science emphasis, stresses current developments in the earth science disciplines. In addition to subject matter knowledge emphasis is placed on the varied methods that can be used for teaching earth science. Because of the varied backgrounds of candidates, the course offerings are designed to allow flexibility in planning individual programs. A preliminary examination, oral or written, will be administered to each candidate.

## Degree Requirements

Master of Science in Education, Earth Science	
Course Number and Title	Credits
Required courses:	
Graduate Core	6
TE 570 Issues in Education .....	3
TE 563 Conflicting Values in Education .....	1
Elective Courses (Select two from the following):	
TE 561 Law for the Classroom Teacher .....	1
TE 562 School Organization and Finance .....	1
TE 564 Instructional Techniques-Secondary School .....	1
TE 565 Interpreting Educational Research .....	1
TE 566 Learning Theory and Classroom Instruction .....	1
TE 568 Techniques of Classroom Instruction .....	1
TE 569 Testing and Grading .....	1
TE 573 Instructional Techniques-Elementary School .....	1
TE 578 Parents in the Educational Process .....	1
TE 597 Special Topics .....	1

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## Master of Science in Education, Earth Science (continued)

All other courses to be taken in the degree program are planned by the student and the graduate committee.	
Content area courses	14
Approved electives	7
A final comprehensive oral and/or written examination over coursework and the thesis or project is required. GO 593 Thesis or GO 591 Project	6
<b>Total</b>	<b>33</b>

## Course Offerings

### GO GEOLOGY

**GO 403G ENGINEERING GEOLOGY (2-3-3)(S)(Field trip required).** Introduction to soil and rock mechanics. Slope stability analysis. Surface and subsurface exploration of sites. Geological and geophysical considerations for construction projects. Current applications of geology to engineering projects. Alternate years. PREREQ: GO 280, PH 102 or PH 211, GO 323 or PERM/INST.

**GO 412G HYDROGEOLOGY (3-0-3)(S) (Field trip required).** The study of subsurface water and its relationship to surface water, the hydrologic cycle and the physical properties of aquifer systems. Flow nets and flow through porous and fractured media. Methods of determination of aquifer characteristics and performance, and groundwater modeling. PREREQ: GO 310, 314.

**GO 431G PETROLEUM GEOLOGY (2-3-3)(F)(Field trips) (Alternate years).** A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and developing petroleum fields. PREREQ: GO 311, GO 314.

**GO 450G GEOLOGY OF NATIONAL PARKS (3-0-3)(S).** A systematic study of geologic materials, structures, processes and landforms in the National Parks. The course is structured by geological regions and emphasizes geological knowledge as a key to greater appreciation and understanding of these scenic areas. PREREQ: GO 103 (Offered alternate years.)

**GO 451G PRINCIPLES OF SOIL SCIENCE (3-0-3)(F/S) (Alternate Years).** Major aspects of soil science, including the physical, chemical, and biological characteristics of soils, will be presented in the classroom lectures. Demonstration laboratory exercises and field trips will be required. PREREQ: Background in geology and chemistry.

**GO 460G VOLCANOLOGY (2-0-2)(F)(Field trip)(Alternate years).** A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of magmas and of the types of vent structures produced. Field and petrographic characteristics of various types of volcanic deposits as well as their volcano-tectonic relationships will be emphasized. An independent project pertaining to volcanoes or volcanic rocks will be required of all students taking the course for graduate credit. PREREQ: GO 323.

**GO 471G REGIONAL FIELD STUDY (1, 2, or 3 CR)(F/S/SU).** Field trips and field exercises to study geology of selected localities in North America. Review of pertinent literature and maps, recording of geologic observations and the preparation of a comprehensive report on the geology of the areas visited. PREREQ: GO 103 or PERM/INST.

## Master of Arts or Science in Education

**GO 502 GREAT MYSTERIES OF THE EARTH (3-0-3)(F).** The earth abounds with mysteries that are seemingly related to natural phenomena. Lost continents, UFO's, Loch Ness Monster, Bermuda Triangle, Big Foot, ancient astronauts, water witching, and other mysteries, both real and contrived as discussed in terms of evidence and interpretation in the context of natural laws and processes. Techniques of skeptical inquiry and the scientific method are applied to develop critical thinking. PREREQ: Graduate standing and PERM/INST.

**GO 511 ADVANCED ENVIRONMENTAL GEOLOGY (3-0-3)(S).** Land-use planning, techniques for investigation of surficial materials and water resources. Geologic hazards, surficial deposits and their engineering and hydrologic properties, ground and surface water, waste disposal. Term reports required, field trips required. This course can be taken for undergraduate credit by filling out necessary forms. PREREQ: GO 221 or PH 220.

**GO 514 ADVANCED STRUCTURAL GEOLOGY (2-3-3)(F) (Alternate years).** Geometric, kinematic and dynamic analysis of plutonic rocks and metamorphic tectonites. Structural elements in plutons, their formation and interpretation as indicators of the tectonic environment during emplacement. Mesoscopic and microscopic study of rock fabrics, the mechanisms and processes of their formation and deformation, and their use as kinematic and strain indicators. PREREQ: GO 310, GO 314, GO 323 and GO 324 or PERM/INST.

**GO 523 ADVANCED IGNEOUS PETROLOGY (3-0-3)(S) (Alternate Years).** A study of igneous rocks with emphasis on their origin and the processes responsible for their diversity. Exercises will make use of the petrographic microscope and the departmental computer facilities. A field trip is required. PREREQ: GO 323, GO 324, C 131.

**GO 531 REGIONAL GEOLOGY OF NORTH AMERICA (3-0-3) (F/S).** A systematic study of the geologic provinces of North America with special emphasis on geological relationships and tectonic evolution. Each province is investigated in terms of its structural and geologic history and mineral resources. PREREQ: Graduate status of PERM/INST.

**GO 561 EARTH SCIENCE TEACHING TECHNIQUES (3-0-3 or 4-0-4) (F/S).** This course is a study of the objectives, methods, and materials of instruction in Earth Sciences. Emphasis will be placed on the preparation and presentation of lectures, laboratory exercises and field trips. This course provides the student with internship experience in the laboratory and lecture classroom. PREREQ: Graduate status or PERM/INST.

**GO 571 GEOCHEMISTRY (3-0-3) (F/S).** Chemical equilibrium applied to natural water systems. Oxidation and reduction in sedimentation and ore genesis, methods of exploration geochemistry, crystallization of magmas, ore-forming solutions, isotope geochemistry. This course can be taken for undergraduate credit by filing necessary forms. Field trip required. PREREQ: GO 101, C 133, M 204.

**GO 591 PROJECT (7-3 to 0-6).** A field, laboratory or library investigation. The student will select a project according to his own interest and pursue it to a logical conclusion. Weekly progress meetings are held with the instructor and a final report is required. PREREQ: Graduate status and 15 credits in Earth Science or PERM/INST.

**GO 593 THESIS (0-3 to 0-5).** The scholarly pursuit of original work on a field or laboratory project or the formulation of new and logical interpretations of existing data collected by library research. A final report suitable for presentation at a meeting of Earth Science professionals is required. PREREQ: Admission to candidacy.

**GO 596 DIRECTED RESEARCH (0-1 to 0-4).** Field, laboratory or library research project. Students may work on an individual problem or select a problem from a list provided by the instructor. Weekly progress meetings, final report. PREREQ: Physical Geology or Fundamentals of Geology and/or PERM/INST.

**GO 598 GRADUATE SEMINAR (0-1 to 0-3).** The preparation and presentation of oral and written reports on topics in earth science and/or science education. Presentation of oral reports may take the form of debate. Preparation of visual aids and geologic illustrations will be emphasized. PREREQ: Admission to candidacy or PERM/INST.

### GS GENERAL SCIENCE

**GS 501 HISTORY OF SCIENCE (3-0-3)(F/S).** This is a survey of humanity's efforts to understand the natural world. "Ancient Science" is presented as an introduction to the evolution of science since the 16th century. "Modern Science" is presented with emphasis on the development of modern scientific thought. Historical illustrations of the nature of scientific research in the evolution of science are presented. This course may be taken for either HY or GS credit, but not for both.

## Master of Science in Education, Mathematics

Department of Mathematics and Computer Science  
Math/Geosciences Building, Room 235  
Telephone 208 385-1172  
FAX 208 385-1356  
<http://math.idbsu.edu>  
e-mail: [office@math.idbsu.edu](mailto:office@math.idbsu.edu)

**Graduate Program Coordinator:** Thel Pearson, College of Education

**Associate Department Chair:** Alan Hausrath, Mathematics and Computer Science

**Full Graduate Faculty:** Robert Anderson, Kathleen Ayers, Tomek Bartoszynski, James Buffenbarger, Phillip Eastman, Alex Feldman, David Ferguson, Stephen Grantham, John Griffin, Alan Hausrath, Randall Holmes, Robert Hughes, Amit Jain, Mary Jarratt Smith, Robert Juola, Joanna Kania-Bartoszynska, Otis Kenny, Charles Kerr, Daniel Lamet, Phillip MacKenzie, Giles Maloof, William Mech, Marion Scheepers, Robert Sulanke, Sharon Walen, Frederick Ward

**Associate Graduate Faculty:** Douglas Bullock

## General Information

This degree requires 30 hours of course work, including the Graduate Core in Education, a mathematics sequence and seminar, and electives in mathematics and other areas chosen in consultation with a committee. The student must complete all requirements in item 1 below, plus those in one of the three options 2A, 2B, or 2C.

## Degree Requirements

Master of Science in Education, Mathematics		
Course Number and Title		Credits
1. Common Requirements:		21
A. Graduate Core (See Page xx) .....		6
B. Mathematics Sequence.....		6
M 501-502 Real Analysis or		
M 541-542 Abstract Algebra		
C. M 598 Seminar in Mathematics .....		3
D. Mathematics Electives.....		6
E. A written examination over mathematics course work		
2. One of the following three options:		9
A. Examination Option:		
1. One additional graduate mathematics course, exclusive of M 503, 504, or 561 .....		3
2. Free electives .....		6
3. An oral examination over all course work.		
B. Project Option:		12
1. M 591 Mathematics Project.....		3
2. Free Electives .....		9
C. Thesis Option:		12
1. M 593 Mathematics Thesis .....		3
2. Free Electives .....		9
3. Additional Information:		
A. Credit in Workshop (594 or 599) is limited to a total of 3 credits to be applied in partial fulfillment of the emphasis in Mathematics.		
B. Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate mathematics backgrounds may apply to challenge, waive, or replace parts of the emphasis requirements.		
C. Students considering this program should consult with the Chair of the Mathematics Department. Enrollment in graduate courses has been such that completion dates for this program cannot be guaranteed.		
<b>Total</b>		<b>30-33</b>

## Course Offerings

### M MATHEMATICS

**M 456G LINEAR PROGRAMMING (4-0-4)(S).** Simplex algorithm, two-phase method, simplex algorithm for problems with bounded variables, duality theory, postoptimality analysis, network simplex method, and the transportation and assignment problems. PREREQ: M 301.

**M 501-502 REAL ANALYSIS I, II (3-0-3).** The real number system. Set theory and metric spaces. Sequences and series. Continuity of real functions. Differentiation. The Riemann-Stieltjes integral. Sequences and series of functions. PREREQ: M 314 or PERM/INST.

**M 503 THE TEACHING OF ALGEBRA (3-0-3).** Contemporary approaches to teaching secondary school algebra; treatment of

selected topics in modern algebra; methods and materials; research relevant to the teaching of algebra. PREREQ: M 302

**M 504 THE TEACHING OF GEOMETRY (3-0-3).** Contemporary approaches to teaching secondary school geometry; treatment of selected topics in geometry; methods and materials; research relevant to the teaching of geometry. PREREQ: M 311.

**M 505 FOUNDATIONS OF MATHEMATICS (3-0-3).** The axiomatic method and its role in modern mathematics. The role of the theories of sets and groups in the development of mathematics. Modern philosophies of mathematics. PREREQ: M 302 or PERM/INST.

**M 511 GENERAL TOPOLOGY (3-0-3).** Set separation axioms, topologies, connectedness, compactness, generalized convergence, continuity, product spaces. PREREQ: M 401 or M 501 or PERM/INST.

**M 541-542 ABSTRACT ALGEBRA I, II (3-0-3).** Mappings, the integers, groups, sub-groups, morphisms, rings, integral domains, polynomial rings, fields, field extensions. PREREQ: M 302 or PERM/INST.

**M 547 HISTORY OF MATHEMATICS (3-0-3).** The course is designed for mathematics teachers in the secondary school. The course consists of two parts: the first part traces the development of algebra, geometry, analytic geometry and calculus to the 19th century; the second part gives a brief introduction to, and history of, some of the developments in mathematics during the last century. PREREQ: PERM/INST.

**M 561 MATHEMATICS FOR OPERATIONS RESEARCH (4-0-4) (F/S).** The mathematics techniques used to solve problems involving several variables. Linear systems, matrices, linear programming with the simplex method, differential and integral calculus with emphasis on applications in management decision situations. PREREQ: PERM/INST.

**M 564 MATHEMATICAL MODELING(3-0-3)(SU).** Introduction to mathematical modeling through case studies. Deterministic and probabilistic models; optimization. Examples will be drawn from the physical, biological, and social sciences. A modeling project will be required. PREREQ: M 361 and CS 122 or PERM/INST.

**M 571 MATHEMATICS CURRICULUM (7-12) (3-0-3).** The history of the 7-12 mathematics curriculum; content, special problems, and trends in mathematics programs; organization of the curriculum. Study of reports and recommendations; curriculum development projects. PREREQ: At least one year's experience teaching in secondary school mathematics.

**M 591 PROJECT (May be taken for 3 to 6 credits).** A project may include, but is not limited to, a library research paper, educational research or written curriculum with teaching materials. PREREQ: The student must be admitted to candidacy.

**M 593 THESIS (May be taken for 3 to 6 credits).** Original mathematical research or a new interpretation or novel exposition of existing mathematics. Course is arranged with supervising faculty member. PREREQ: Admission to candidacy.

**M 598 SEMINAR IN MATHEMATICS (3-0-3).** The content will vary within a format of student presentation and discussion of relatively advanced mathematical topics selected from texts or mathematical journals. This will not be a seminar in mathematics education.

### MI MATHEMATICS FOR INSTRUCTION

MI courses are designed to provide extra experience in mathematics for practicing teachers. They may be used to meet course requirements for master's degrees in education. They are not available for undergraduate credit and not intended for students with very



## Master of Arts or Science in Education

strong mathematical backgrounds. Courses labeled between MI 500 and MI 519 emphasize mathematical content and are suitable for teachers at all levels. Those courses labeled between MI 520 and MI 544 are designed particularly for secondary teachers; those labeled between MI 545 and MI 569 are directed to middle school teachers, and those labeled between MI 570 and MI 579 are for elementary school teachers, but in each case teachers practicing at any level may enroll.

### **MI 501 SURVEY OF PURE MATHEMATICS FOR TEACHERS**

**(2-0-2) (SU).** The nature of mathematical knowledge, its history, meaning, methodology, and use. Generally topics will be selected from material in set theory, logic, number theory, algebra, geometry, or graph theory. PREREQ: Possession of a teaching certificate.

### **MI 502 SURVEY OF APPLIED MATHEMATICS FOR TEACHERS**

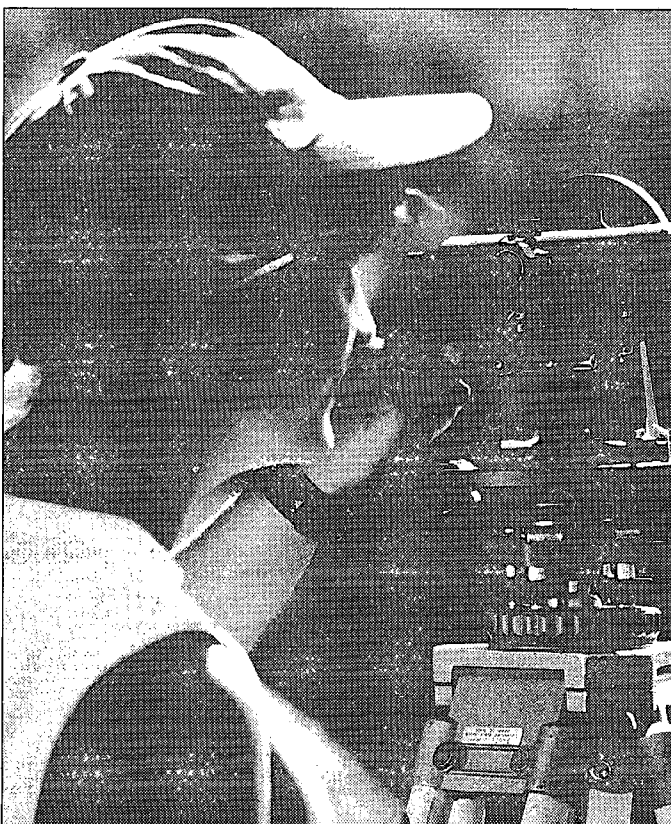
**(2-0-2) (SU).** The nature of contemporary applied mathematics and its use in decision making in modern society. The emphasis will be on conceptual understanding and appreciation of the vast variety of problems which can be solved by mathematics. Generally topics will be selected from material in management science, statistics, social choice, or geometry of size and shape. PREREQ: Possession of a teaching certificate.

### **ME 556 NUMBER THEORY FOR TEACHERS (1-0-1) (SU).**

An exploration of divisibility, primes, linear Diophantine equations, representation of number theoretical concepts using concrete materials, conjectures, and recent results. PREREQ: One year experience teaching.

### **ME 564 MATHEMATICAL MODELING FOR TEACHERS (1-0-1)**

**(SU).** The modeling process, its relation to the scientific method and problem solving, laboratory activities and examples appropriate to the middle school. PREREQ: One year experience teaching.



## Master of Arts in English

Department of English  
Liberal Arts Building, Room 228  
Telephone 208 385-1246  
FAX 208 385-4373  
<http://132.178.16.202/english/>  
e-mail: [aaswidma@idbsu.idbsu.edu](mailto:aaswidma@idbsu.idbsu.edu)

**Graduate Program Coordinator:** Dr. Jan Widmayer

**Department Chair:** Dr. Chaman Sahni

**Full Graduate Faculty:** Bruce Ballenger, John Battalio, Dale Boyer, Charles G. Davis, Jon P. Dayley, Charles Guilford, Michael Hassett, Daryl Jones, Richard V. Leahy, Helen Lojek, James H. Maguire, Mike Markel, Carol A. Martin, Sean O'Grady, Bruce Robbins, Mary Ellen Ryder, Chaman Sahni, Rena Sanderson, R. Ken Sanderson, Tom Trusky, Karen Uehling, Kathleen Warner, Jan Widmayer, Lonnie Willis, Linda Zaerr, Driek Zirinsky

**Associate Graduate Faculty:** James Hadden, Mitchell Wieland

**Adjunct Graduate Faculty:** Kevin Wilson

## General Information

The graduate program offered by the Department of English at Boise State University is large enough to provide variety, yet small enough for flexibility in planning a course of study and for a collegial atmosphere. The Department's graduate faculty teach on all levels in addition to pursuing interests in scholarship, writing, editing, publishing, and related activities.

The Master of Arts degree in English enables candidates to emphasize study in English and American Literature, Creative Writing, English Education, and Rhetoric and Composition. A Master of Arts degree in Technical Communication, information about which is given under its own heading, is also available from the Department of English.

The Department of English, in response to Boise State University's goals, provides excellent computer labs, including three administered by the Department itself, for word processing, desktop publishing, and network access to on-line resources and information about library holdings in the United States and abroad.

The Hemingway Center, administered by the Department of English, is another resource to be found on campus. It is the home of the Idaho Center for the Book, affiliated with the Library of Congress. The Center also oversees the Idaho Writers' Archive.

The Department of English offers a number of Graduate Assistantships in teaching, tutoring, and editing. The assistantships include waivers of tuition and fees, resident or non-resident. Complete applications are due by February 15. Later applications will be considered if there are openings. More detailed information is available from the Director of Graduate Studies, English.



## Application and Admission Requirements

To be considered for regular status as a graduate student in the Department of English, an applicant must meet general Graduate College requirements (which includes requesting that official transcripts from all institutions previously attended be sent to the Graduate Admissions Office, MG 141, Boise State University, Boise Idaho 83725) and the following department requirements:

1. A Bachelor of Arts in English. However, an applicant may demonstrate a strong background in an area of study available in the graduate curriculum of the Department of English to be considered for admission into the program.
2. A G.P.A. of at least 2.75 for all undergraduate work or a G.P.A. of at least 3.0 for the last sixty semester credit hours of undergraduate work.
3. Scores for the Graduate Record Examination (GRE), sent to the Graduate Admissions Office. The applicant should score at least 500 on the Verbal Section of the GRE. Scores on sections other than the Verbal Section are for information purposes only.
4. An essay of from five hundred to seven hundred words explaining the applicant's goals in pursuing graduate study in English, sent directly to the Director of Graduate Studies, English.
5. Two or three letters of recommendation from people who know the applicant's academic work, sent directly to the Director of Graduate Studies, English.

Applicants who do not satisfy one or more of these requirements by the time they wish to begin classes may be admitted with provisional status. They will be advised as to what steps they need to take to qualify for regular status.

## Degree Requirements

Master of Arts in English		
Course Number and Title		Credits
E 500 Introductory Seminar This course is a prerequisite to other graduate-level courses. However, with the consent of advisors, students may take other graduate courses concurrently or, with waivers, prior to enrolling in E 500.		3
Graduate English Courses: E 510 Major Author E 520 Genre E 530 Period E 540 Myth in Literature E 550 Literature and Culture E 560 Folklore E 570 Literary Movements		15-30

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## Master of Arts in English (continued)

Other Graduate English Courses: Certain courses may be repeated for credit, as designated, including: E 590 Practicum/Internship (limit 12 credits) E 595 Readings and Conference E 596 Directed Research (limit 9 credits) E 597 Special Topics Enrollment in these options requires the approval of the faculty member directing them, the M.A. committee, and the English Graduate Director.	
E 598 Seminar for Teaching Assistants This seminar is required and reserved exclusively for teaching assistants to be completed the first semester of the appointment.	0-3
Culminating Activity: To satisfy the requirements for the M.A. in English, students must complete a thesis or project or pass a comprehensive examination. No credit hours are granted for taking the examination. Students not taking the comprehensive examination should register for E 591 Project or E 593 Thesis in their final semester to receive the three hours credit for a completed project or thesis that applies to the 33 credit hour minimum required for the degree.	0-3
Additional Information: A maximum of nine (9) graduate credit hours taken in other departments may be counted toward the M.A. degree in English. A maximum of nine (9) graduate credit hours of courses carrying a "G" designation may be counted toward the M.A. degree in English.	
<b>Total</b>	<b>33</b>

## Course Offerings

### E ENGLISH

**E 412G WOMEN WRITERS (3-0-3)(F/S).** Literature by English-speaking women, with special attention to cultural contexts, the themes and methods used by women writers, and how women writers have created their own tradition. The course may focus on writings of a particular period. Alternate years. PREREQ: 3 credits of literature or PERM/INST.

**E 488G METHODS AND THEORIES OF LITERARY CRITICISM AND RHETORIC (3-0-3)(S).** Analysis of major literary and rhetorical theories, their methods and their implications. PREREQ: 3 credits of upper division literature or PERM/CHAIR.

**E 500 INTRODUCTORY SEMINAR (3-0-3)(F/S).** An introduction to bibliography and orientation to sources of information. Students research a concept or problem in literature or writing under supervision. PREREQ: Admission to graduate program or PERM/CHAIR.

**E 501 THE TEACHING OF WRITING (3-0-3)(F/S).** Theories and methods of teaching writing for experienced teachers. Special emphasis on new discoveries about the learning process in writing courses and in the teacher's role in helping individual students. PREREQ: E 301, E 500, and teaching experience or PERM/CHAIR.

## Master of Arts in English

**E 505 LINGUISTICS (3-0-3)(F/S).** Modern linguistic theories and their application to literature and teaching English. An examination of how various grammatical models represent the complexities of language sound, sequence, and structure. Application of theory to language at work. Alternate years. PREREQ: E 500 and LI 305 or equivalent or PERM/CHAIR.

**E 508 WRITING FOR THE MARKET (3-0-3)(F).** A writing course which studies literary journals, trade journals, and little magazines, considers the slick and the popular magazine market, and looks at tradebook publication with the intention of preparing the student to complete manuscripts for publication. PREREQ: An advanced writing course or PERM/INST.

**E 509 BOOK ARTS (3-0-3)(F/S).** A historical survey of various aspects of bookmaking, including papermaking, typography, printing, binding, and desktop publishing, as well as book distribution/marketing, and production of artist's and eccentric bookworks. Course culminates in production of a classroom edition of each student's original writings or art works in an appropriate format devised by the student. PREREQ: E 309 or PERM/INST.

**E 510 MAJOR AUTHOR (3-0-3)(F/S).** A consideration of minor and major artistic creations of an author with attention devoted to major influences on the writer and his/her influences on others. Aspects of investigation to include the life of the author and its relation to his/her work, the society and culture of the times, his/her place and stature in the genres in which he/she worked, his/her use or disregard of tradition, as well as an investigation of contemporary criticism and critical evaluation since the writer's time. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit)

**E 520 GENRE (3-0-3)(F/S).** A study of a well defined literary category, such as novel, short story, epic, or tragedy. Examination of representative texts in order to discover the evolution of a specific literary genre while at the same time establishing its typical features. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 525 CREATIVE WRITING WORKSHOP (3-0-3)(F).** An advanced workshop in poetry and fiction. Students will study the form and theory of poetry and fiction from the perspective of practicing writers and will apply these principles to the analysis and criticism of one another's work. PREREQ: E 305, 306, or PERM/INST.

**E 530 PERIOD (3-0-3)(F/S).** A study of a selected chronological period of American or British literature with focus on major authors, genres, or topics. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 540 MYTH IN LITERATURE (3-0-3)(F/S).** An exploration of the use of myth in literature as a source of content and structure. The nature and working of myth and the way it enters conscious creation of art. Themes such as the quest, the initiation, the Adamic myth in American literature, and of myths in the works of major authors may be explored. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 550 LITERATURE AND CULTURE (3-0-3)(F/S).** The interaction between a body of literature and the social, economic, and political forces that characterize the culture in which it originates. The influence of culture on literary form and content. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 554 INTRODUCTION TO APPLIED RESEARCH AND PROJECTS IN THE ENGLISH LANGUAGE ARTS (3-0-3)(F/S).** Methods of and approaches to conducting applied research in classrooms and the workplace and developing projects in the English Language Arts from such research. This course is recommended for students electing the project option for the M.A. in English. Intended primarily for classroom teachers, the course is appropriate for others

who offer instruction, including technical writing trainers and teachers of literacy in GED centers, workplace literacy projects, and community education projects. PREREQ: E 501 or E 581 or PERM/CHAIR.

**E 560 FOLKLORE (3-0-3)(F/S).** Materials selected from oral tradition and culture with attention to aspects of collecting, classifying, comparing, analyzing, and archiving. Theories of folklore composition, transmission, and function will be related to the occurrence of folklore. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 561 THEORIES OF RHETORIC AND COMPOSITION (3-0-3)(F/S).** A study of the theoretical context of current writing and writing pedagogy. Influential theories of invention, arrangement, and style, from ancient and modern times, are examined and compared. Special attention is paid to the relationships of current rhetorical and cognitive theories to writing processes and written products. PREREQ: Admission to Graduate Program or PERM/CHAIR.

**E 570 LITERARY MOVEMENTS (3-0-3)(F/S).** A focus on a significant literary movement, the works of its major and minor contributors, its theories and its practice, its relation to its time, its place in literary history, its influence on writers past and present. PREREQ: E 500 or PERM/CHAIR. (Repeatable for credit.)

**E 581 LITERATURE FOR USE IN JUNIOR AND SENIOR HIGH SCHOOLS (3-0-3)(F).** A literary content course for prospective teachers of secondary school English. Primary emphasis on critical reading of literature for adolescents in secondary school. Secondary emphasis on methods of analysis appropriate to students. All genres as well as classic and popular authors. PREREQ: E 102, two literature courses or PERM/CHAIR.

**E 582 SELECTED TOPICS IN TEACHING ENGLISH LANGUAGE ARTS (3-0-3)(F/S).** Study of current theories and topics in teaching the English Language Arts in composition, language, or literary theory of special interest to the experienced teacher. A specific focus will be announced each time the course is offered. Although targeted primarily at classroom teachers, the course may be appropriate for others who offer instruction, including technical writing trainers and teachers of literacy in GED centers, workplace literacy projects, and community education projects. Alternate years. PREREQ: E 301 or E 381 or E 481 or teaching experience or PERM/INST.

**E 585 SELECTED TOPICS IN LINGUISTICS (3-0-3)(F/S).** An investigation of a particular topic in linguistics, drawn generally from psycholinguistics, sociolinguistics, semantics, pragmatics, discourse, syntax, or morphology. Course work will include lecture, discussion, and a paper or project, depending on the nature of the topic. Repeatable once for credit. PREREQ: LI 305.

**E 591 PROJECT (V-0-V).** A project may include, but is not limited to, a library research paper, experimental research on some aspect of pedagogy, or preparation of written curriculum with related teaching materials. PREREQ: Admission to candidacy and approval of the student's graduate committee.

**E 593 THESIS (V-0-V).** A scholarly paper containing the results of original research. PREREQ: Admission to candidacy and approval of the student's graduate committee.

**E 595 READINGS AND CONFERENCE (V-0-V).** Directed readings in selected materials from subject areas in which the English Department faculty has expertise. These readings will be reported on and discussed in a context arranged by the student and the director and approved by the student's graduate committee. PREREQ: Admission to candidacy.

**E 598 SEMINAR FOR TEACHING ASSISTANTS (3-0-3)(F).** An exposure to writing theory and practice, the teaching community, and the Department's English Composition courses for first semester Teaching Assistants. The seminar will provide information and support for the assistants while they learn to meet their obligations as classroom teachers. PREREQ: PERM/INST.

**E 597 SPECIAL TOPICS.** Courses are offered in response to student and faculty interests and are offered in addition to the formal courses listed above. Examples of Special Topics courses offered by the Department of English include Literature and Film, Teaching Basic Writing, and Form and Theory of Nonfiction.

### TECHNICAL COMMUNICATION COURSES

**E 511 INTRODUCTORY SEMINAR IN TECHNICAL COMMUNICATION (3-0-3)(F/S).** An introduction to the current definitions and theories of technical communication, including approaches from such related fields as rhetoric, linguistics, cognitive psychology, sociology, and philosophy. Students will also study the different job specializations within technical communication.

**E 512 TECHNICAL RHETORIC AND GENRES (3-0-3)(F/S).** An advanced study of technical communication for those students who are or expect to become professional technical communicators. Students will write reports, proposals, manuals and online documents related to their own backgrounds and fields of interest. The topics of study include modern theories of readability, focusing on research in semantics, syntax, and pragmatics, and hypertext, and current trends in technical communication. PREREQ: E 302 or E 402 or E 511 PERM/INST.

**E 513 TECHNICAL EDITING (3-0-3)(F/S).** An advanced course in the editing of technical documents. Major projects are related to each student's field of interest. Topics of study include content editing, copy editing, developmental editing, production editing, and online editing, as well as the theory and ethics of editing. PREREQ: E 512 or PERM/INST.

**E 514 TECHNICAL COMMUNICATION ETHICS (3-0-3)(F/S).** An examination of the various ethical issues inherent in the practice of technical communication. Topics include the ancient debate about the claims of philosophy and rhetoric; Kant's categorical imperative; the modern standards of rights, justice, and utility; the employee's obligations to the employer, the public, and the environment; and the common ethical issues faced by technical communicators, including plagiarism and copyright violation, the fair use of words and graphics, trade secrets, whistleblowing, and codes of conduct. The course will use the case study method.

**E 515 VISUAL RHETORIC AND INFORMATION DESIGN (3-0-3)(F/S).** A study and application of the rhetorical elements of design, including color, line, form, images, and type. Students will apply principles of visual rhetoric in creating print and online technical documents. PREREQ: E 513 or PERM/INST.

**E 516 TOPICS IN PRINT DOCUMENT PRODUCTION (3-0-3)(F/S).** Study and application of the principles and techniques involved in taking print documents from conception to production. Topics will vary, but may include desktop publishing, estimating time and cost, selecting paper and binding, working with pre-press and printing companies, and selecting appropriate distribution systems. The course assumes experience with page layout software on personal computers. This course may be taken twice for credit. PREREQ: E 515 or PERM/INST.

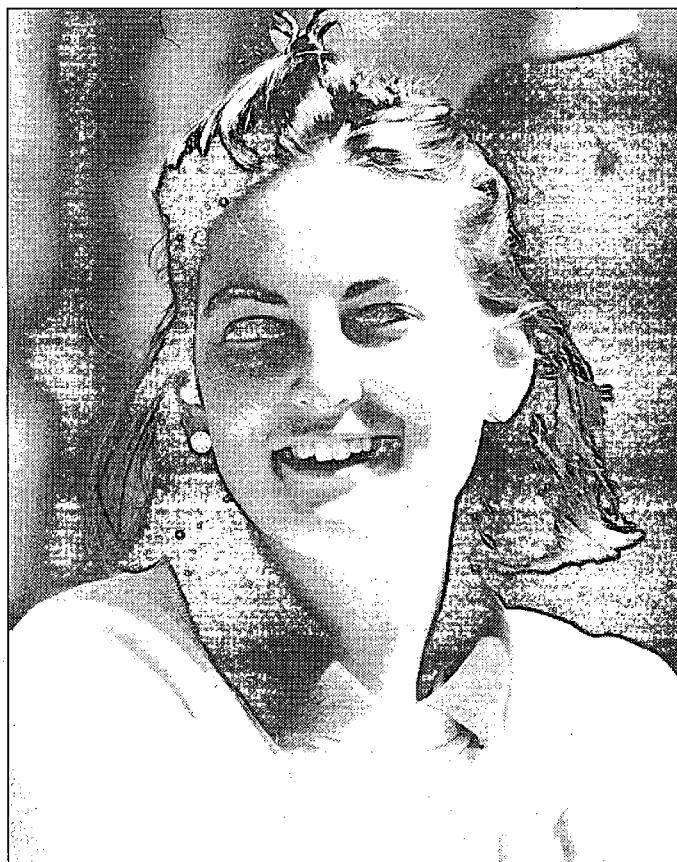
**E 517 ORAL COMMUNICATION FOR TECHNICAL COMMUNICATORS (3-0-3)(F/S).** The theory and practice of several major kinds of oral communication modes used by technical

communicators including interviewing of technical experts and clients, group discussion, and technical presentations that incorporate presentation software. PREREQ: E 515 or PERM/INST.

**E 518 WRITING FOR THE COMPUTER INDUSTRY (3-0-3)(F/S).** The study and application of principles for creating effective print and online documentation within the computer industry. Topics can include content design and organization, writing style, graphic design, principles of hypertext, and usability testing. The course also addresses strategies for working successfully as a technical communicator in the computer industry. PREREQ: E 515 or PERM/INST.

**E 519 TECHNICAL PUBLICATIONS MANAGEMENT (3-0-3)(F/S).** Analysis and application of the principles of management and organizational behavior as they apply to the technical publications field. In a case-study environment focused on the publications process, students learn the techniques and practices of managing technical publications groups within organizational settings, while studying relevant principles of motivational theory and human behavior. PREREQ: E 512 OR PERM/INST.

**E 521 TOPICS IN ON-SCREEN DOCUMENT PRODUCTION (3-0-3)(F/S).** Study and application of the principles involved in designing, creating, and managing information on the screen. Topics vary from semester to semester, but can include such areas as online information, help systems, and multimedia applications. Students practice effective hypertext and screen-design techniques from the fields of cognitive science, software psychology, and human factors. This course may be taken twice for credit. PREREQ: E 515 OR PERM/INST.



# Master of Science in Exercise and Sport Studies

## Master of Science in Exercise and Sport Studies

Department of Health, Physical Education and Recreation  
Gymnasium, Room 209  
Telephone 208 385-4043  
FAX 208 385-1894  
e-mail: rpekozar@bsu.idbsu.edu

**Graduate Program Coordinator:** Bill Kozar

**Department Chair:** Ross Vaughn

**Full Graduate Faculty:** Sherman Button, Werner Hoeger, Bill Kozar, Linda Petlichkoff, Ron Pfeiffer, Glenn Potter, Ross Vaughn

**Associate Graduate Faculty:** Chad Harris, John McChesney, Caille Spear, Connie Thorngren

**Adjunct Graduate Faculty:** Genger Fahleson

### General Information

The graduate program in Exercise and Sport Studies is designed to accommodate students with diverse academic backgrounds. Advanced educational opportunities in both theoretical and applied aspects are critical parts of the program of study.

A required core of classes provides the foundation for study in this area, while electives allow for individual enrichment in subjects of special interest. Students may also pursue self-directed research with the intent of applying findings to related problems in their field of study.

It is assumed students are seeking a program which fosters critical thought. Therefore, those graduating must be able to apply the scientific method of problem solving to issues and questions related to one or more of the many dimensions of exercise and sport. Important outcomes for learners include:

1. Acquiring a sound conceptual basis from which leadership can be exercised in the profession.
2. Demonstrating the expertise to interpret, communicate and effectively promote health lifestyles in occupational settings.
3. Being intelligent consumers of research with competence to apply findings to the design, administration, evaluation and improvement of sport science-related programs.
4. Possessing the skills needed to develop and conduct research which contributes to the growth of knowledge in the field.

Fundamental to the Graduate Program are faculty who provide a supporting environment and are active in teaching, scholarship, research and professional development.

### Application and Admission Requirements

Students will be admitted to the Exercise and Sport Studies Master's program with Regular Status when the following criteria are met:

1. The Graduate College has received an application for admission, a one-time matriculation fee, and official transcripts of all undergraduate and graduate work.

2. A baccalaureate degree has been granted from an accredited institution.
3. A minimum cumulative grade point average of 2.75 on a 4.0 scale, and at least a 3.0 G.P.A. the last two years of undergraduate work has been earned.
4. An appropriate pattern of classes providing a foundation for the graduate area of study as determined by Health, Physical Education and Recreation Department Graduate Faculty has been completed.
5. The Coordinator of the Graduate Program recommends acceptance and approval is granted by the Graduate College.

### Degree Requirements

Master of Science in Exercise and Sport Studies		
Course Number and Title		Credits
CORE REQUIREMENTS		15
PE 500 Functional Anatomy .....	3	
PE 510 Physiology of Activity .....	3	
PE 520 Biomechanics.....	3	
PE 530 Psychology of Exercise & Sport .....	3	
PE 560 Motor Learning.....	3	
RESEARCH TOOLS		6
PE 551 Research Design in Physical Education ....	3	
or		
TE 551 Fundamentals of Educational Research ....	3	
PE 552 Statistical Methods in Physical Education.....	3	
SUGGESTED ELECTIVES		9-12
PE 306G Human Growth & Motor Learning.....	3	
PE 310G Exercise Physiology .....	3	
PE 351G Kinesiology.....	3	
PE 401G Psychology of Activity .....	3	
PE 402G Advanced Athletic Training .....	3	
PE 515 Exercise Physiology Lab.....	3	
PE 525 Mechanical Analysis of Motor Activities...	3	
PE 535 Sociology of Exercise & Sport.....	3	
PE 540 Applied Principles of Conditioning.....	3	
PE 545 Exercise Testing & Prescription .....	3	
PE 550 Philosophy of Exercise & Sport .....	3	
PE 570 Health Promotion.....	3	
PE 575 Computers in Exercise & Sport .....	3	
PE 580 Selected Topics in Applied Sport Psychology.....	3	
PE 590 Practicum .....	3	
PE 596 Directed Research .....	3	
THESIS OPTION		3-6
PE 593 Research & Thesis .....	6	
or		
NON-THESIS OPTION		
PE 591 Project .....	3	
<b>Total</b>		<b>36</b>
A maximum of 6 credits of G designated undergraduate courses may be used as electives.		
A revolving four year draft of graduate offerings is available upon request from the Department of HPER, G 209.		

## Course Offerings

### PE PHYSICAL EDUCATION

**PE 306G HUMAN GROWTH AND MOTOR LEARNING (2-0-2) (F/S).** Designed to provide the student with an understanding of human growth, movement development, motor learning and control. Application to skilled behavior is emphasized. PREREQ: Admission to Upper Division standing. COREQ: PE 308G.

**PE 308G LABORATORY FOR HUMAN GROWTH AND MOTOR LEARNING (0-2-1) (F/S).** The laboratory to accompany PE 306G. COREQ: Concurrent enrollment in PE 306G is required.

**PE 310G EXERCISE PHYSIOLOGY (2-0-2) (F/S).** Instruction in the physiological and biochemical changes accompanying exercise and training with emphasis on application of scientific principles to training program design. Required of all PE majors. PREREQ: Admission to Upper Division standing, PE 230. COREQ: Concurrent enrollment in PE 312G is required.

**PE 312G LABORATORY FOR EXERCISE PHYSIOLOGY (0-2-1) (F/S).** The laboratory to accompany PE 310G. COREQ: Concurrent enrollment in PE 310G is required.

**PE 351G KINESIOLOGY (2-0-2) (F/S).** Anatomical and mechanical considerations applied to human motion in sport and exercise. Required of all PE majors. PREREQ: Admission to Upper Division standing. COREQ: Concurrent enrollment in PE 352G is required.

**PE 352G LABORATORY FOR KINESIOLOGY (0-2-1) (F/S).** The laboratory to accompany PE 351G. COREQ: Concurrent enrollment in PE 351G is required.

**PE 401G PSYCHOLOGY OF ACTIVITY (3-0-3) (F/S).** The course examines the cultural aspects of sport including educational, religion, political, social and economical values. Psychological factors related to performance include personality, motivation and anxiety. PREREQ: Upper Division standing.

**PE 402G ADVANCED ATHLETIC TRAINING (3-3-3) (S).** Instruction in advanced theory and application of techniques of athletic training for student pursuing a career as professional athletic trainer. PREREQ: PE 236, PE 311. Offered in Spring on odd numbered years.

**PE 500 FUNCTIONAL ANATOMY (3-0-3).** A study of gross human anatomy from the descriptive approach with emphasis on the skeletal, muscular, nervous and circulatory systems. Includes cadaver dissection. In addition, indepth study of joint structure and function, gross-motor-movement, and skill will be included. Video analysis will be utilized.

**PE 510 PHYSIOLOGY OF ACTIVITY (3-0-3).** A study of the various factors affecting human performance and subsequent adaptations of the body to single and repeated bouts of exercise.

**PE 515 EXERCISE PHYSIOLOGY LAB (2-2-3).** Practical application of the principles that govern response and adaptation of the human body to exercise, utilizing laboratory equipment to collect data and analyze results. PREREQ: PE 510 or PERM/INST.

**PE 520 BIOMECHANICS (3-0-3).** A study of the internal and external forces acting on the human body and the effects produced by these forces. Analysis of movement will focus on qualitative techniques.

**PE 525 MECHANICAL ANALYSIS OF MOTOR ACTIVITIES (3-0-3).** An introduction to the analysis techniques used to study the mechanics of human motion. Topics will include cinematography, videography, force transducers, electromyography and computer analysis techniques. PREREQ: PE 520 or PERM/INST.

**PE 530 PSYCHOLOGY OF EXERCISE AND SPORT (3-0-3).** A study of psychological factors as they relate to exercise, sport and performance. Content includes personality traits, motivation, anxiety/arousal, and intervention/coping strategies.

**PE 535 SOCIOLOGY OF EXERCISE AND SPORT (3-0-3).** A study of the relationships among sport and other facets of society, including social organization, group behavior and social interaction patterns.

**PE 540 APPLIED PRINCIPLES OF CONDITIONING (2-2-3).** Advanced study of the conditioning process. Emphasis on application of the conceptual to practical situations. Involves program planning, objectives, exercise analysis for conditioning specificity, exercise prescription and other conditioning variables affecting performance. PREREQ: PE 510 or PERM/INST.

**PE 545 EXERCISE TESTING AND PRESCRIPTION (2-2-3).** A study of the current methods and procedures used in coronary heart disease risk detection and reduction, including the recommended guidelines by the American College of Sports Medicine for exercise testing and prescription.

**PE 550 PHILOSOPHY OF EXERCISE AND SPORT (3-0-3).** A study of the philosophical foundations underlying exercise and sport. Topics include values development, design and evaluation of individual and program philosophy and goal structuring.

**PE 551 RESEARCH DESIGN IN PHYSICAL EDUCATION (3-0-3).** Includes critical analysis of published research in terms of research design, statistical procedures, concepts of validity, experimentation and control; classification of various research methods; various types of research problems; and the relevant attributes of experimental designs. A research proposal is a requirement of the course.

**PE 552 STATISTICAL METHODS IN PHYSICAL EDUCATION (3-0-3).** An introduction to statistical techniques utilized in the treatment of data in the motor behavior area. The techniques to be covered include measures of central tendency and variability; correlation measures; probability; analysis of variance and regression analysis. PREREQ: High school algebra, equivalent of PE 309 or P 295.

**PE 560 MOTOR LEARNING (3-0-3).** A study of the relevant empirical evidence and research in the field of motor learning and performance, including the learning process, feedback, timing, information processing, transfer, perception, motivation and practice conditions.

**PE 570 HEALTH PROMOTION (3-0-3).** An introduction to health promotion in the commercial/industrial sector, including planning, development, and implementation of programs aimed at the achievement of total well-being.

**PE 575 COMPUTERS IN EXERCISE AND SPORT (3-0-3).** An introduction to computer applications in the exercise and sport sciences, including methods for collecting data. Processing of data will include both microcomputer software and the Statistical Analysis System (SAS) package.

**PE 580 SELECTED TOPICS IN APPLIED SPORT PSYCHOLOGY (3-0-3).**

**PE 590 PRACTICUM (0-9-3).** Available on a selective, limited basis. Culminating experience designed to provide students with an opportunity to apply skills learned in the classroom. PREREQ: PERM/INST.

**PE 591 PROJECT (3 credits).** Students select a project related to Exercise and Sport Studies and pursue it to a logical conclusion. PREREQ: PERM/INST.

# Master of Physical Education in Athletic Administration

**PE 593 RESEARCH AND THESIS (6 credits).** A scholarly paper containing the results of original research. **PREREQ:** Admission to candidacy and approval of the student's graduate committee.

**PE 596 DIRECTED RESEARCH (variable credits).** Opportunity for the student to pursue a topic of interest on an individual basis.

## Master of Physical Education in Athletic Administration

Department of Health, Physical Education and Recreation  
Gymnasium, Room 209  
Telephone 208 385-4043  
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**Graduate Program Coordinator:** Bill Kozar

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**Associate Graduate Faculty:** Chad Harris, John McChesney, Caille Spear, Connie Thorngren

**Adjunct Graduate Faculty:** Genger Fahleson

### General Information

The Master of Physical Education in Athletic Administration is a cooperative graduate studies program. Idaho State University (ISU) and Boise State University (BSU) have agreed to offer ISU's existing Master of Physical Education (MPE) graduate degree in Athletic Administration in Boise. Entering students will be able to complete the entire 30-33 credit hour degree in Boise and take up to 15 credits of BSU courses as part of the program requirements. Further stipulations of this cooperative venture are:

1. ISU will continue to be the degree granting institution. Students will initially apply for admission to ISU, and if accepted, apply for admission to BSU. An application fee must be paid to each institution. Courses from both institutions that are offered in Boise will be printed in the BSU Directory of Classes after Physical Education courses and listed under a separate and distinct heading of "Athletic Administration (AA)". Under the title of each course it will be stated that the course is part of the ISU Cooperative Athletic Administration Program.
2. ISU will be limited to offering three credits per semester in Boise for each Fall and Spring term. The maximum number of credits during the summer will be six.
3. All students will be formally advised by ISU Graduate Faculty.
4. All projects, thesis, and comprehensive exam committees will be chaired by ISU Graduate Faculty. BSU faculty who hold At-Large Graduate Faculty status at ISU may serve as committee members and upon request will submit comprehensive examination questions and participate in the evaluation of same.

### Application and Admission Requirements

Students will register at Boise State University for all ISU and BSU courses taken in Boise in accordance with the procedures stated in the BSU Directory of Classes. Students must have written permission from their ISU advisor to register for all ISU courses at BSU.

Students will pay fees to Boise State University and receive BSU activity cards (consistent with current BSU practices for full-time and part-time students) and thereby receive the appropriate services and use of campus facilities.

### Financial Aid

Students taking ISU and/or BSU courses in Boise will be considered as "in-residence" at Boise State. Therefore, students applying for financial aid will do so through the Financial Aid Office at BSU.

Due to a limited number and amount of scholarship funds at BSU, scholarship monies are not available to students in cooperative programs. If there are scholarships at ISU specifically earmarked for the Athletic Administration program, or if scholarships are developed for this program, they will be awarded by ISU and handled through the BSU Financial Aid Office as are all other outside donor awards.

### Graduation

Idaho State University graduation requirements must be met by each student seeking an MPE degree in Athletic Administration. Therefore, students must apply for graduation through ISU and a final evaluation of their transcripts will be completed by the ISU Registrar.

### Degree Requirements

Master of Physical Education in Athletic Administration ISU/BSU Cooperative Program		
Course Number and Title		Credits
Students in the Cooperative MPE degree in Athletic Administration between ISU and BSU would be limited to taking a maximum of 15 BSU credits, subject to approval from their ISU advisor.		
AA 505 (HPE 605) Leadership & Management....3		
AA 515 or PE 550 (PE 615) Philosophy of Athletics .....	3	
AA 531 (PE 631) Athletics & the Law .....	2	
AA 535 (PE 635) Management of Athletics .....	3	
AA 540 or PE 551 (HPE 640) Research & Writing.....	3	
AA 549 (HPE 649) Issues in Administration .....	3	17
THESIS OPTION		
AA 550 (HPE 650) Thesis.....	6	
Approved Electives .....	7	13
or .....		or
NON-THESIS OPTION		
AA 510 (PE 610) Advanced Theory of Competitive Coaching.....	3	
AA 545 (PE 645) Sports Medicine.....	2	
Approved Electives .....	11	16
<b>Total</b>		<b>30-33</b>

## Master of Fine Arts, Visual Arts

Department of Art  
 Liberal Arts Building, Room 252  
 Telephone 208 385-1230 or 385-4070  
 FAX 208 385-1243  
<http://claven.idbsu.edu/pages/howard/arthom7.html>  
 e-mail: creagle@bsu.idbsu.edu

**Department Chair:** Gary Rosine  
**Full Graduate Faculty:** Bill Benson, Jim Blankenship, Donald Douglass, Heather Hanlon, Howard Huff, John Killmaster, Alfred Kober, George Roberts, Cheryl Shurtleff-Young, Brent Smith, John Taye, Ron Taylor, Mary Stieglitz, Richard Young  
**Associate Graduate Faculty:** James Budde, Felix Heap  
**Adjunct Graduate Faculty:** Gaye Hoopes

### General Information

The Department of Art offers a two year, full time Master of Fine Arts degree program in Painting, Drawing, and Printmaking. The degree requires 60 total credits distributed as follows: 9 credits in Art History, 24 credits in the studio major, 12 credits in the studio elective, 9 credits of general electives, 6 credits in seminar and thesis.

Students admitted to the program will be provided with private or semi-private studio space. Graduate faculty will schedule regular studio visits and consultations.

The MFA degree program is designed to engage the student in both the theory and practice of their elected discipline. Graduate students are encouraged to explore and integrate other relevant disciplines. Course work centers around applied study, art history, theory and criticism. A final exhibition and a written thesis, approved and passed by the graduate faculty are required.

### Admission Requirements

To be considered as a graduate student in the MFA program, applicants must possess a B.A., B.F.A., or a M.A. degree in Art from an accredited institution and have a minimum grade point average of 3.0 in art course work.

Students must be admitted to the Graduate College and have official transcripts from all institutions previously attended submitted to Graduate Admissions Office, MG 141, Boise State University, Boise, ID 83725.

Applicants must also provide the following to the Art Department, Boise State University, Boise, ID 83725:

- A portfolio of at least 20 slides of recent art work.
- Three letters of recommendation.
- A statement of personal objectives.

### Degree Requirements

Master of Fine Arts, Visual Arts	
Course Number and Title	Credits
Art History	9
Studio Courses	
A. Studio major	24
B. Studio electives	12
Seminar and thesis	6
General electives	9
<b>Total</b>	<b>60</b>

### Sequence of the Program

	1st Sem	2nd Sem
<b>FIRST YEAR</b>		
Art History .....	3	3
Studio Major .....	6	6
Studio Elective .....	3	3
General Elective.....	3	3
TOTAL.....	15	15
<b>SECOND YEAR</b>		
Art History .....	3	-
Studio Major .....	6	6
Studio Elective .....	3	3
Seminar and Thesis.....	3	3
General Electives.....	-	3
TOTAL.....	15	15

### Course Offerings

#### AR ART

**AR 301G NINETEENTH CENTURY ART HISTORY (3-0-3)(F).** A study of important artists and movements from Neoclassicism through Post-Impressionism. Critical writing will be assigned.

**AR 302G HISTORY OF TWENTIETH CENTURY MOVEMENT IN ART (3-0-3)(S).** An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Critical writings will be assigned.



## Master of Fine Arts, Visual Arts

**AR 371G HISTORY OF TWENTIETH CENTURY AMERICAN ART (3-0-3)(F).** Beginning with a short survey of American Art from the Ashcan School through the Thirties with concentration on Abstract Expressionism, Pop, Op, and Minimal. Critical writings will be assigned. Advisable to take AR 302 prior to AR 371G.

**AR 580-589 SERIES SELECTED TOPICS (3-0-3).** An opportunity for the student to work independently with a particular teacher in a specific area or media. A total of nine credits allowable which can be divided into several areas or concentrated, distribution determined by the graduate student and committee.

**AR 580 SELECTED TOPICS - DRAWING**

**AR 581 SELECTED TOPICS - PAINTING**

**AR 582 SELECTED TOPICS - CRAFTS**

**AR 583 SELECTED TOPICS - SCULPTURE**

**AR 584 SELECTED TOPICS - PHOTOGRAPHY**

**AR 585 SELECTED TOPICS - CERAMICS**

**AR 586 SELECTED TOPICS - PRINTMAKING**

**AR 587 SELECTED TOPICS - DESIGNING**

**AR 588 SELECTED TOPICS - ILLUSTRATION**

**AR 589 SELECTED TOPICS - ART HISTORY**

**AR 590 PRACTICUM/INTERNSHIP**

**AR 591 PROJECT (6 credits).**

**AR 593 THESIS (V-V-6).**

**AR 596 DIRECTED RESEARCH**

**AR 597 SPECIAL TOPICS**

**AR 598 SEMINAR IN ART (3-0-3)(S).** (Previously approved for Elementary Master's Degree). Upon selection of an approved topic, the student will research it thoroughly, present an annotated bibliography, and present an oral report of the report of the topic, utilizing visual material in the presentation. The student will then present a research paper concerning the topic. PREREQ: Graduate standing.



# Master of Science in Geology

Department of Geosciences  
Math/Geosciences Building, Room 225  
Telephone 208 385-1581 or 385-1631  
FAX 208 385-4061  
<http://earth.edbsu.edu>  
e-mail: [cspinosa@trex.idbsu.edu](mailto:cspinosa@trex.idbsu.edu)

**Graduate Program Coordinator:** Claude Spinosa

**Department Chair:** Paul R. Donaldson

**Full Graduate Faculty:** Elton B. Bentley, Paul R. Donaldson, Kenneth M. Hollenbaugh, John R. Pelton, Walter S. Snyder, Claude Spinosa, Charles J. Waag, Craig M. White, Monte D. Wilson, Spencer H. Wood

**Associate Graduate Faculty:** Paul Michaels

**Adjunct Graduate Faculty:** Warren Barrash, Mary Donato, Virginia Gillerman, Michael D. Knoll, Mitchell W. Lyle, Verne Oberbeck, James Osiensky, Kurt L. Othberg, Mark Seyfried, E. J. Smith, Edward Squires, James E. Zollweg

## General Information

Boise State University offers studies leading to the M.S. degree in geology to students with a bachelor's degree in geology or a related discipline who are seeking to develop the capability for research or professional careers. All candidates for the M.S. in Geology at Boise State University must successfully complete and defend a thesis; usually the thesis is original research that involves field work. The department does not offer an option for the M.S. degree in Geology without a thesis. Students may include one or more fields in their studies and in their theses, such as biostratigraphy, economic geology, environmental geology, geomorphology, exploration geophysics, hydrogeology, paleontology, petrography and petrology of igneous rocks, stratigraphy and sedimentology, structural geology, shallow subsurface seismic studies and volcanic stratigraphy. University of Idaho courses in geohydrology are offered via video and live video link and may be counted towards the M.S. degree.

A cooperative agreement with Idaho State University provides students access to broader studies leading to a Master of Science degree in Geology. Boise State University students are encouraged to enroll in the ISU/BSU cooperative program and to attend Idaho State University for one semester or more, thereby enriching their graduate experience through course work and intellectual exchange with a larger faculty of greater professional diversity.

A partial list of general MS theses topics for which recent students have received financial support includes: Geohydrologic problems of southern Idaho; economic geology of Idaho and adjacent regions; structural geology of the Great Basin; sedimentology, stratigraphy and biostratigraphy of the Great basin with emphasis on Nevada; ammonoid and conodont paleontology of Nevada; stratigraphy, sedimentology, paleontology and biostratigraphy of southern Russia and northern Kazakhstan. These fields will continue to be areas of

faculty research in the future and qualifying students interested in pursuing theses in these fields of research are encouraged to apply for information and financial support.

Students are encouraged to attach to the department's home page at: <http://earth.idbsu.edu> and to the home pages for research units with the department: the Center for Geophysical Research of the Shallow Subsurface (CGISS) and the Permian Research Institute (PRI).

## Application and Admission Requirements

Application for admission may be made by graduates of accredited institutions holding a baccalaureate degree in geology or related discipline. Regular admission may be awarded to applicants who have earned a minimum grade point average of 2.75 during the last two years of academic work; admission will be based on grade point, GRE scores, and letters of recommendation. Continued enrollment in the program requires a minimum 3.0 grade point (B) average and satisfactory progress toward the degree.

Additional information may be obtained from the Geology Graduate Coordinator, Department of Geosciences, Boise State University, 1910 University Drive, Boise, ID 83725 or [cspinosa@trex.idbsu.edu](mailto:cspinosa@trex.idbsu.edu) or <http://earth.idbsu.edu> for the most up-to-date information. Information regarding the cooperative program may also be obtained from the Geology Graduate Coordinator, Department of Geology, Idaho State University.

## Degree Requirements

Master of Science in Geology	
Course Number and Title	Credits
Degree requirements for the Master of Science in Geology are the same as for the Graduate College. The student must complete a minimum of 30 credits, of which 20 or more are required to be at the 500 level.	
The following courses are mandatory for the first year in residence for all students: GO 597 Graduate Orientation .....1 GO 597 Graduate Field Geology .....1	2
Enrollment in Graduate Seminar is required each semester of all graduate students in residence; one credit may be applied towards graduation. GO 598 Graduate Seminar	1
A maximum of 6 graduate thesis credits may be applied towards graduation. GO 593 Thesis	6
The student, the major professor, and the thesis committee, determine the courses recommended for each student's area of specialization. Recent students have specialized in the following areas: Biostratigraphy; Economic Geology; General Regional Geology; Environmental Geology; Hydrogeology; Neotectonics; Sedimentology; Stratigraphy; Structural Geology.	21
<b>Total</b>	<b>30</b>

# Master of Science in Geology

## Course Offerings

### GO GEOLOGY

**GO 403G ENGINEERING GEOLOGY (2-3-3)(S)(Field trip required).** Introduction to soil and rock mechanics. Slope stability analysis. Surface and subsurface exploration of sites. Geological and geophysical considerations for construction projects. Current applications of geology to engineering projects. Alternate years. PREREQ: GO 280, PH 102 or PH 211, GO 323, or PERM/INST.

**GO 412G HYDROGEOLOGY (3-0-3)(F).** The study of subsurface water and its relationship to surface water, the hydrologic cycle and the physical properties of aquifer systems. Flow nets and flow through porous and fractured media. Methods of determination of aquifer characteristics and performance, and groundwater modeling. PREREQ: GO 101, M 204.

**GO 413G APPLIED HYDROGEOLOGIC CONCEPTS (3-0-3)(S).** Application of modern theoretical concepts to the analysis of factors that control the movement of ground water. The theory of groundwater flow is presented in greater detail than is possible in an introductory course. PREREQ: GO 412, M 204.

**GO 431G PETROLEUM GEOLOGY (2-3-3)(F)(Field trips) (Alternate years).** A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and developing petroleum fields. PREREQ: GO 311, 314.

**GO 450G GEOLOGY OF NATIONAL PARKS (3-0-3)(S).** A systematic study of geologic materials, structures, processes and landforms, in the National Parks. The course is structured by geological regions and emphasizes geological knowledge as a key to greater appreciation and understanding of these scenic areas. PREREQ: GO 103 (Alternate years.)

**GO 451G PRINCIPLES OF SOIL SCIENCE (3-0-3)(F/S) (Alternate Years).** Major aspects of soil science, including the physical, chemical, and biological characteristics of soils will be presented in the classroom lectures. Demonstration laboratory exercises and field trips will be required. PREREQ: Background in Geology and Chemistry.

**GO 460G VOLCANOLOGY (2-0-2)(F)(Field trip)(Alternate years).** A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of magmas and of the types of vent structures produced. Field and petrographic characteristics of various types of volcanic deposits as well as their volcano-tectonic relationships will be emphasized. An independent project pertaining to volcanoes or volcanic rocks will be required of all students taking the course for graduate credit. PREREQ: GO 323.

**GO 471G REGIONAL FIELD STUDY (1, 2, or 3 CR)(F/S/SU).** Field trips and field exercises to study geology of selected localities in North America. Review of pertinent literature and maps, recording of geologic observations and the preparation of a comprehensive report on the geology of the areas visited. PREREQ: GO 103 or PERM/INST.

**GO 502 GREAT MYSTERIES OF THE EARTH (3-0-3)(F).** The earth abounds with mysteries that are seemingly related to natural phenomena. Lost continents, UFO's, Loch Ness Monster, Bermuda Triangle, Big Foot, ancient astronauts, water witching, and other mysteries, both real and contrived as discussed in terms of evidence and interpretation in the context of natural laws and processes. Techniques of skeptical inquiry and the scientific method are applied to develop critical thinking. PREREQ: Graduate standing and PERM/INST.

**GO 511 ADVANCED ENVIRONMENTAL GEOLOGY (3-0-3)(S).** Land-use planning, techniques for investigation of surficial materials and water resources. Geologic hazards, surficial deposits and their engineering and hydrologic properties, ground and surface water, waste disposal. Term reports required, field trips required. PREREQ: GO 221 or PH 220.

**GO 514 ADVANCED STRUCTURAL GEOLOGY (2-3-3)(F) (Alternate years).** Geometric, kinematic and dynamic analysis of plutonic rocks and metamorphic tectonites. Structural elements in plutons, their formation and interpretation as indicators of the tectonic environment during emplacement. Mesoscopic and microscopic study of rock fabrics, the mechanisms and processes of their formation and deformation, and their use as kinematic and strain indicators. PREREQ: GO 310, GO 314, GO 323 and GO 324 or PERM/INST.

**GO 523 ADVANCED IGNEOUS PETROLOGY (3-0-3)(S)(Odd Years).** A study of igneous rocks with emphasis on their origin and the processes responsible for their diversity. Exercises will make use of the petrographic microscope and the departmental computer facilities. A field trip is required. PREREQ: GO 323, GO 324, C 131.

**GO 531 REGIONAL GEOLOGY OF NORTH AMERICA (3-0-3) (F/S).** A systematic study of the geologic provinces of North America with special emphasis on geological relationships and tectonic evolution. Each province is investigated in terms of its structural and geologic history and mineral resources. PREREQ: Graduate status or PERM/INST.

**GO 571 GEOCHEMISTRY (3-0-3)(F/S).** Chemical equilibrium applied to natural water systems. Oxidation and reduction in sedimentation and ore genesis, methods of exploration geochemistry, crystallization of magmas, ore-forming solutions, isotope geochemistry. Field trip required. PREREQ: GO 101, C 133, M 204.

**GO 593 THESIS (0-3 to 0-5).** The scholarly pursuit of original work on a field or laboratory project or the formulation of new and logical interpretations of existing data collected through library research. A final report suitable for presentation at a meeting of Earth Science professionals is required. PREREQ: Admission to candidacy.

**GO 561 EARTH SCIENCE TEACHING TECHNIQUES (3-0-3 or 4-0-4)(F/S).** This course is a study of the objectives, methods, and materials of instruction in Earth Sciences. Emphasis will be placed on the preparation and presentation of lectures, laboratory exercises and field trips. This course provides the student with internship experience in the laboratory and lecture classroom. PREREQ: Graduate status or PERM/INST.

**GO 596 DIRECTED RESEARCH (0-1 to 0-4).** Field, laboratory or library research project. Students may work on an individual problem or select a problem from a list provided by the instructor. Weekly progress meetings, final report. PREREQ: PERM/INST.

**SPECIAL TOPICS.** Classes that deal with specialized topics and designed for small groups of students are offered frequently; recent examples include:

**GO 597 MINERAL RESOURCES, GEOLOGY AND THE ENVIRONMENT**

**GO 597 PRINCIPLES OF SOIL SCIENCE**

**GO 597 RESEARCH TOPICS IN GEOTECTONICS**

**GO 597 APPLIED GEOHYDROLOGIC CONCEPTS**

**GO 597 ECONOMIC EVALUATION OF MINERAL RESOURCES**

**GO 597 BIOSTRATIGRAPHY, GRAPHIC CORRELATION**

**GO 597 TECTONIC EVOLUTION OF THE URAL MOUNTAINS**

**GO 597 AUTOCAD APPLICATION IN GEOLOGY**

**GO 597 QUATERNARY GEOLOGY**

**GO 597 GRADUATE ORIENTATION**

**GO 597 GRADUATE FIELD GEOLOGY**

**GO 598 GRADUATE SEMINAR (0-1 to 0-3).** The preparation and presentation of oral and written reports on topics in earth science and/or science education. Presentation of oral reports may take the form of debate. Preparation of visual aids and geologic illustrations will be emphasized. PREREQ: Admission to candidacy or PERM/INST.

### Idaho State University Courses:

Geol 648 Research Problems  
Geol 650 Thesis

### University of Idaho Courses:

XY 502 Directed Study (Hydrology)  
XY 569 Contaminant Hydrology  
XY 577 Computer Applications in Geohydrology

Course descriptions for additional graduate courses are listed under the Master of Science in Education, Earth Science Emphasis and Master of Science, Geophysics.

## Master of Science in Geophysics

Department of Geosciences  
Math/Geosciences Building, Room 225  
Telephone 208 385-1631  
FAX 208 385-4061  
e-mail: vgarrett@trex.idbsu.edu

**Graduate Program Coordinator:** John R. Pelton

**Department Chair:** Paul R. Donaldson

**Full Graduate Faculty:** Elton B. Bentley, Paul R. Donaldson, Kenneth M. Hollenbaugh, John R. Pelton, Walter S. Snyder, Claude Spinosa, Charles J. Waag, Craig M. White, Monte D. Wilson, Spencer H. Wood

**Associate Graduate Faculty:** Paul Michaels

**Adjunct Graduate Faculty:** Warren Barrash, Mary M. Donato, Virginia Gillerman, Michael D. Knoll, Mitchell W. Lyle, Verne Oberbeck, James Osiensky, Kurt Othberg, Mark Seyfried, E. J. Smith, Edward Squires, James E. Zollweg

## General Information

Boise State University offers a Master of Science in Geophysics through the Department of Geosciences. The degree requires 30 total credits distributed as follows: 12 graduate geophysics course credits, 12 credits in approved science or engineering courses, and at least 6 thesis research credits leading to an approved thesis. The overall goal of the graduate geophysics program is to provide a balanced education in the following areas:

- geophysical theory and methods including the quantification of error and resolution;
- problem definition, characteristics of an acceptable scientific solution, and an understanding of the effort required to reach an acceptable solution;
- the interrelationship of geophysics with other scientific and engineering disciplines;
- oral and written technical communication;
- project management and teamwork;

- an introduction to the geoscience profession beyond the classroom including the establishment of professional contacts.

Achievement of these educational objectives requires that a graduate student be exposed to classroom and laboratory instruction, thesis research, seminars, field trips, preparation of proposals and papers, presentations at professional meetings, short-term work assignments on sponsored projects, and interaction with a wide variety of faculty, research staff, students, and off-campus scientists and engineers. Current research emphases at BSU include the following:

- applications of surface and borehole geophysical methods to hydrogeological, environmental, and engineering problems;
- geophysical measurement of the engineering properties of earth materials;
- determination of the relationship between geophysical and hydrological parameters;
- use of marine sedimentology and borehole geophysics to study the interaction between the oceans and continental climate;
- and seismotectonics and seismic hazards of the Pacific Northwest and Alaska.

The geophysics program is well equipped with modern digital field instrumentation and computational facilities, and is closely tied to the Center for Geophysical Investigation of the Shallow Subsurface (CGISS) at BSU.

The BSU Master of Science program in geophysics interacts cooperatively with the University of Idaho (UI) Master of Science program in geophysics through the joint listing of graduate geophysics courses, the application of BSU graduate geophysics courses for UI credit, and the application of UI graduate geophysics courses for BSU credit. Cooperation is extended to Idaho State University (ISU) in that up to 12 credits earned in approved courses at ISU can be applied to a Master of Science in geophysics at BSU or UI. In addition, faculty at BSU, UI, and ISU may form joint supervisory committees when expertise from outside of the student's resident institution is judged to be beneficial. These cooperative efforts by BSU, UI, and ISU add flexibility and geographic accessibility to graduate education in geophysics within Idaho.

## Graduate Assistantships

Graduate assistantships including tuition and fee waivers are funded from three sources: appropriated state funds, endowments, and research grants and contracts. Applicants to the M.S. Geophysics program who submit all documents required by the admission procedure by February 1 of any given year will be considered for a state appropriated or endowed graduate assistantship to start the following fall semester; notification of successful applicants will be during March and April. Information on graduate assistantships funded by research grants and contracts is available from the Coordinator of the geophysics graduate program.

# Master of Science in Geophysics

## Supervisory Committee

Each admitted student will be assigned a supervisory committee whose purpose is to design the program of courses, guide the student's research, conduct the thesis defense, and approve the final thesis. The supervisory committee consists of at least three members: a chair from BSU who takes on the primary advising role, and at least two members chosen in any combination from BSU, UI, ISU, or other institutions (selection based on a direct interest in the student's research). The Coordinator of the geophysics graduate program works closely with each supervisory committee and will serve as temporary advisor to each new student until a supervisory committee can be assigned.

## Application and Admission Requirements

Applicants should have a B.S. or equivalent degree from an accredited institution in one of the following fields: geophysics, geology, hydrology, physics, chemistry, mathematics, or engineering. Evaluation for admission requires three personal references, transcripts from all colleges and universities attended, and scores on the GRE General Test. Students whose native language is not English must submit a TOEFL score of 550 or higher. A copy of a report resulting from a previous university course, professional position, or research experience is also requested as evidence of the applicant's ability to complete a significant project and write an acceptable scientific report. Preference is given to those applicants whose records indicate a high probability for successful completion of publishable graduate research. Application materials should be requested from the Coordinator, Geophysics Graduate Program, Boise State University, 1910 University Drive, Boise, ID 83725, telephone (208) 385-3640 or email: jrp@cgiss.idbsu.edu.

## Degree Requirements

Master of Science in Geophysics	
Course Number and Title	Credits
<b>Credit Requirements:</b> The BSU Master of Science in Geophysics requires 30 semester credits distributed as follows:	
A. GP 500-level geophysics courses approved by the supervisory committee and by the Coordinator of the geophysics graduate program.	12
B. Elective courses approved by the supervisory committee and by the Coordinator of the geophysics graduate program.	12
C. GP 593 Thesis (Pass/Fail)	6
<b>Total</b>	<b>30</b>

### Credit Requirements:

All 30 credits must be taken for a letter grade, except for GP 593 Thesis credit which will be graded Pass/Fail. On-campus geophysics graduate students are required to take geophysics graduate seminar (GP 598) for a letter grade whenever it is offered. Credit for GP 598 does not count toward the total degree requirement of 30 credits. Transfer credits may not be

used for requirements A or C except that a maximum of 6 credits of requirement A may be satisfied with UI 500-level geophysics courses. A maximum of 9 transfer credits may be applied to meet requirement B except that all 12 credits of requirement B may be satisfied with transfer credits from UI and/or ISU. Certain courses are ineligible for requirements A and B including courses applied to a previously obtained degree, courses used to meet admission requirements, and courses required to remedy background deficiencies.

The purpose of requirement A is to broaden the student's mastery of graduate level geophysics in a formal classroom setting; independent study, directed research, project, and most special topics courses are not applicable toward requirement A. The purpose of requirement B is to provide an opportunity for elective courses within geophysics or in an associated field of science or engineering; these are often courses which are appropriate to a student's thesis, post-graduate education, or employment goals. In all cases, the courses applied to meet the credit requirements A and B must be approved by the student's supervisory committee and by the Coordinator of the geophysics graduate program, and the majority of the 30-credit total requirement (i.e., at least 16 credits) must be earned in residence at BSU.

### Thesis Requirements:

A thesis representing research of sufficient quality to warrant publication in a peer-reviewed journal is required of all candidates for the Master of Science in geophysics. Actual publication is not required, but is held out as a goal for all graduate students. The research results must be presented at a formal public defense, and the final written thesis must be approved by the supervisory committee, by the Coordinator of the geophysics graduate program, and by the Dean of the Graduate College. In order to provide sufficient time for thorough evaluation of thesis research, a student should allow 3-6 months between preparation of the first draft of the thesis and the day of the formal defense. Frequent communication between the student, the supervisory committee, and the Coordinator is essential throughout this period.

**Graduate College Requirements:** The general requirements of the BSU Graduate College also govern the Master of Science in Geophysics degree program.

## Course Offerings

### GP GEOPHYSICS

The following courses are considered background courses and cannot be applied toward the M.S. in Geophysics: GP 303G, GP 305G, and GP 308G.

**GP 303G BASIC GEOPHYSICAL THEORY (3-4-5)(F/S).** General geophysical theory to provide background for more specialized courses in applied geophysics and quantitative geoscience. Emphasis on geophysical aspects of potential theory, continuum mechanics, mechanical and electromagnetic wave propagation, fluid flow, error analysis, and spectral analysis. PREREQ: M 324, M 333, PH 213, or PERM/INST.

**GP 305G APPLIED GEOPHYSICS (2-2-3)(F/S).** Geophysical methods for investigation of the subsurface, including instrumentation, data acquisition and reduction, and interpretation. Seismic,

gravimetric, magnetic, and electrical/electromagnetic techniques. Applications to exploration geology (mining and petroleum), engineering geology, hydrogeology, and global geology. Students who desire more comprehensive study of a particular method are advised to enroll for GP 310, GP 320, or GP 330 as appropriate. PREREQ: GP 303 or PERM/INST.

## **GP 308G DATA ACQUISITION AND INTERPRETATION**

**LABORATORY (0-4-2)(F/S).** Field and laboratory experiments using the methods of applied geophysics including definition of objectives, preliminary survey design, choice of instrumentation and field parameters, data acquisition and quality control, and computer-assisted interpretation. PREREQ or COREQ: GP 305 or PERM/INST.

**GP 340G GEOPHYSICS FIELD CAMP (4 wks, 6 CR)(SU).** Field experience in significant geophysical mapping projects. Survey design and hands-on operation of seismic, magnetic, gravimetric, and electrical/electromagnetic field and borehole geophysical instrumentation. Reduction and interpretation of acquired data. Preparation of appropriate reports. PREREQ: GP 301 or GP 305 or PERM/INST.

## **GP 410G EXPLORATION WELL LOGGING(2-3-3)(F).**

Fundamentals of geophysical and geological well logging applied to petroleum, mineral, and groundwater exploration, and engineering site evaluation. Conventional interpretation of logs in sedimentary sections; special consideration for logs in igneous sedimentary sections; special consideration for logs in igneous, metamorphic, and fresh-water sections. Lithologic description, natural gamma-ray, temperature, density, resistivity, and sonic logging. Integration of well logging, seismic reflection data, and surface geologic maps. Field and laboratory exercises. PREREQ: GP 301 or GP 305 or PERM/INST.

## **GP 510 INTEGRATED GEOLOGY AND GEOPHYSICS IN PETROLEUM, MINERAL AND GROUNDWATER**

**EXPLORATION AND DEVELOPMENT (4-0-4)(F).** Role of integrated geological and geophysical methods in the design and implementation of natural resource exploration and development projects. Emphasis depends on class interests, but typical examples will be drawn from petroleum, mineral, and groundwater industries. Requires extensive outside reading and study of case histories. Project and report required. PREREQ: PERM/INST.

## **GP 515 STRATIGRAPHIC INTERPRETATION OF SEISMIC**

**DATA (3-0-3)(S).** Seismic sequence and seismic facies analysis, isochronous reflections, seismic stratigraphy of depositional systems, sea level cycles, seismic modeling, hydrocarbon indicators, lithology from velocity and seismic amplitude variation with offset, use of shear waves and vertical seismic profiling. Interpretation project involving seismic modeling. PREREQ: GP 330 or GP 560.

**GP 520 ENGINEERING GEOPHYSICS (3-0-3)(F).** Geophysical techniques applied to the evaluation of shallow subsurface structural and physical properties at engineering, industrial, waste disposal, and construction sites. Application of high-resolution geophysical methods to problems in seismic hazards, groundwater, hazardous waste, land subsidence, construction of critical facilities and landslides. Field and laboratory exercises. PREREQ: GP 301, GP 410G.

**GP 525 EARTHQUAKE SEISMOLOGY (3-0-3)(F).** Earthquake source theory, waves from a point dislocation source in a radially symmetric Earth, reflection and refraction at a plane interface, surface waves, free oscillations, theory of the seismograph, interpretation of seismograms, travel-time curves, hypocenter determination, fault-plane solutions, magnitude, properties of the Earth's interior, seismotectonics and seismic hazards. Field and laboratory exercises. PREREQ: GO 101, M 333.

## **GP 530 INVERSION THEORY AND GEOPHYSICAL**

**APPLICATIONS (3-0-3)(S).** Backus-Gilbert theory; objective functions and relation to distribution of measurements error; linear least squares including linearization of forward problem, eigenvalue decomposition, generalized inverse, statistics. Nonlinear optimization including grid search, Monte Carlo method, iterative methods. Examples selected from geophysical applications. Computer laboratory exercises. PREREQ: GP 301, M 301. Offered alternate years.

**GP 535 TECTONOPHYSICS (3-0-3)(F).** Application of physics and mathematics to investigation of tectonic processes. Basic continuum mechanics, heat transfer, and fluid mechanics. Elastic flexure of the lithosphere, cooling of oceanic lithosphere, thermal and subsidence history of sedimentary basins, frictional heating on faults, thermal structure of subducted lithosphere, isostatic compensation, postglacial rebound, creep in rocks, mantle convection. Project and report required. PREREQ: PERM/INST.

## **GP 540 ELECTROMAGNETIC AND SEISMIC WAVE**

**PROPAGATION (3-0-3)(S).** Derivation of wave equations and solutions in idealized media including layered media. Source effects. Attenuation in earth materials. Numerical computation of wave fields including finite-element and finite-difference methods. Computer laboratory exercises. PREREQ: GP 301, M 333. Offered alternate years.

## **GP 555 GRAVIMETRIC AND MAGNETIC METHODS (2-2-3)**

**(F/S).** Comprehensive discussion of modern gravimetric and magnetic methods of subsurface investigation. Applications to exploration geology (mining and petroleum), engineering geology, hydrogeology, and crustal geology. PREREQ: GO 101, GP 303 or PERM/INST.

## **GP 560 ELECTRICAL AND ELECTROMAGNETIC METHODS**

**(2-2-3)(F/S).** Comprehensive discussion of modern electrical and electromagnetic methods of subsurface investigation, including ground penetrating radar. Applications to exploration geology (mining and petroleum), engineering geology, hydrogeology, and crustal geology. PREREQ: GO 101, GP 303 or PERM/INST.

**GP 565 SEISMIC METHODS (2-2-3)(F/S).** Comprehensive discussion of modern seismic methods of subsurface investigation. Applications to exploration geology (mining and petroleum), engineering geology, hydrogeology, and crustal geology. PREREQ: GO 101, GP 303 or PERM/INST.

## **GP 575 GEOPHYSICAL APPLICATIONS OF DIGITAL SIGNAL**

**PROCESSING (2-2-3)(F/S).** Review of digital linear system theory. Digital representation of geophysical data. Geophysical applications of convolution, fast-Fourier transform (FFT), correlations, least squares filters, deconvolution, multi-channel and two-dimensional operations. Emphasis is on processing of seismic reflection data, potential fieldmaps, and earthquake seismograms. Computer laboratory exercises. PREREQ: GP 301 or GP 305, CS 426 or EX 360 or PERM/INST.

## **GP 579 MATHEMATICAL METHODS IN GEOPHYSICS (2-2-3)**

**(F/S).** Examination of important mathematical methods in geophysics. Topics depend on the interests of the students and instructor. Emphasis is on problem solving and the development of useful skills in applied mathematics. PREREQ: M 333 or PERM/INST.

## **Uol Graduate Course Offerings**

Geoph 520	Exploration Geophysics.....3
Geoph 521	Mining Geophysics.....3
Geoph 523	Seismic Stratigraphy.....3



## Master of Health Science

## Master of Health Science

College of Health Science  
Health Science Building, Room 103  
Telephone 208 385-1678  
FAX 208 385-3469  
<http://www.idbsu.edu/health/mhscience>  
e-mail: [gshook@bsu.idbsu.edu](mailto:gshook@bsu.idbsu.edu)

**Graduate Program Director:** Gary Shook

**Acting Department Chair:** Anne Payne

**Full Graduate Faculty:** Les Alm, Conrad Colby, John Freemuth, Richard Kinney, James Munger, Sara LaRiviere, Elaine Long, David Patton, Larry Reynolds, Robert Rychert, Gary Shook, Caile Spear, Lee Stokes, James Weatherby, Stephanie Witt

**Associate Graduate Faculty:** Rudy Andersen, Patt Elison

**Adjunct Graduate Faculty:** Julia Robinson, Phyllis Sawyer

### General Information

The Master of Health Science (MHS) degree program is designed primarily for the working health professional employed in state and local health agencies, health care institutions, and in private practice. The program, with its areas of concentration in health policy, environmental health and substance abuse, prepares health professionals to be more effective as advocates, administrators and critics of our health delivery systems. It is designed to serve the working professional without interrupting their employment, yet meet the necessary standards for graduate level work.

Although the degree is administered by the College of Health Science, graduate faculty are drawn from several programs across campus, including Public Affairs, Economics, Physical Education, and Biology. The Master of Public Administration (MPA) program, with lead responsibility in the area of public policy, is a key partner in the health policy area of concentration.

### Application and Admission Requirements

To be considered for admission to the MHS program with regular status, an applicant must satisfy Graduate College requirements and program requirements in the order listed below:

- I. Apply for admission to Graduate College.
  - A. Send Application for Admission and \$20 application fee to Graduate Admissions Office.
  - B. Request official transcripts from each institution previously attended be sent directly to the Graduate Admissions Office.
  - C. Request Graduate Record Exam (GRE) scores be sent to Graduate Admissions Office.

Although the requirements of the BSU Graduate College also govern the MHS degree program, the Certificate of Admission to enroll in graduate courses at BSU does not guarantee admission into the MHS program.

- II. Apply for admission to Master of Health Science (MHS) program.

#### A. Application procedure.

1. Submit letter of interest, curriculum vita, and biographical sketch to MHS Program Director in the College of Health Science.
2. Request official transcripts from each institution attended be sent directly to MHS Program Director.
3. Request three (3) letters of recommendation (two of which must be academic letters of reference) be sent directly to MHS Program Director. For candidates whose academic record predates the application by five years or more, letters of recommendation may be submitted by supervisors.

#### B. Admission requirements.

1. Admission to BSU Graduate College.
2. Education and work experience:  
Baccalaureate degree from an accredited college or university in a health-related field;  
**and** At least one year experience in environmental health, health care, substance abuse or financing and administration of health care or other organizations providing hands-on experience with health policy/program development and implementation;  
**or** Baccalaureate degree in another field and three or more years experience in environmental health or health care, substance abuse, or financing and administration, or other organizations providing hand-on experience with health policy or program development and implementation.
3. Required test scores  
A minimum combined score of 1000 on the verbal and quantitative portions of the GRE is required. Students whose native language is not English must submit a TOEFL score of 550 or higher.
4. Grade point average of 3.00 during the last sixty hours of undergraduate course work.
5. Prerequisites  
At least 3 credits completed in **each** of the following courses or equivalent courses:

PO 101	American National Government
PO 102	State and Local Government
	Undergraduate statistics course
EC 205	Principles of Microeconomics
<b>or</b> EC 514	Economic Theory and Analysis
H 202	Health Delivery Systems
H 480	Epidemiology

The student must provide evidence to the MHS Program Director or individual course instructors that necessary prerequisites are met.

6. A personal interview may be required.

Students not meeting the above requirements may be admitted to the program on a provisional status. Applications of students



selecting the health policy area of concentration must be approved by both the MHS Program Director and the MPA Program Director.

## Graduate Assistantships

Graduate assistantships covering tuition and fee waivers may be available through research grants and contracts. Contact the MHS director for information on assistantships which may be available from these sources.

## Degree Requirements

A minimum of 33 credits is required for graduation (excluding internship credits). The MHS student who attends full time will normally be enrolled for a two-year sequence including summers. Typically, however, students maintain their current employment positions and attend the program part time, thereby extending the length of time required to obtain the degree.

The curriculum (33-35 credits) is comprised of required courses of 11-13 credits with an additional 22-24 credits of required area of concentration courses and elective courses. The student, counseled by a graduate committee or the MHS Program Director, selects the elective courses. Electives may come from throughout BSU. Selected courses are also available from Idaho State University's Master of Public Health program. In order to enroll in required courses, students must first be admitted to the MHS program or obtain permission of the Program Director. No more than 9 credits of 300-400G courses will count toward the MHS degree.

Master of Health Science, Environmental Health		
Course Number and Title		Credits
Core Courses		11-13
MH 505 Health Science Inquiry .....	2	
H 535 Ethics of Health Policy .....	2	
MH 555 Program Evaluation in the Health Sciences.....	3	
MH 591 Project .....	4	
or		
MH 593 Thesis .....	6	
Select 9 credits from the following:		9
B 415 G Applied/Environmental Microbiology ....	4	
B 501 Biometry or ISU MPH 602, 603.....	4	
EH 442G Hazardous Waste Management .....	3	
EH 450G Environmental Health Law .....	2	
EH 510 Advanced Environmental Health.....	3	
EH515 Occupational Safety & Health .....	3	
EH 517 Toxicology.....	3	
H 304G Public Health Administration .....	3	
H 480G Epidemiology (or ISU MPH 601) .....	3	
MH 530 PH Promotion/Education .....	3	
MH 560 Risk Management .....	3	
PA 540 Natural Resource Policy and Administration .....	3	
PA 541 Environmental Regulatory Policy and Administration.....	3	

(continued)

Master of Health Science, Environmental Health (continued)	
Electives approved by committee	13
<b>Total</b>	<b>33-35</b>
NOTE: Electives may be taken anywhere in the university but must be approved by the student's graduate committee. The student must demonstrate, to the committee's satisfaction, how the electives are to fit into the students program of study and career objectives. BSU graduates with any listed course in undergraduate work which applied to the undergraduate degree may not apply that course to the graduate degree.	

Master of Health Science, Health Policy	
Course Number and Title	Credits
Core Courses	11-13
MH 505 Health Science Inquiry .....	2
H 535 Ethics of Health Policy .....	2
MH 555 Program Evaluation in the Health Sciences.....	3
MH 591 Project .....	4
or	
MH 593 Thesis .....	6
Required Courses	15
PA 500 Administration in the Public Sector.....	3
PA 501 Public Policy Process.....	3
PA 502 Organization Theory .....	3
EC 440G Health Economics .....	3
MH 550 Current Issues in Health Policy .....	3
Electives approved by committee	7
<b>Total</b>	<b>33-35</b>
NOTE: Electives may be taken anywhere in the university but must be approved by the student's graduate committee and the MHS director. The student must demonstrate, to the committee's satisfaction, how the electives are to fit into the student's program of study and career objectives. BSU graduates with any listed course in undergraduate work which applied to the undergraduate degree may not apply that course to the graduate degree.	



# Master of Health Science

Master of Health Science, Substance Abuse	
Course Number and Title	Credits
Core Courses	11-13
MH 505 Health Science Inquiry .....	2
H 535 Ethics of Health Policy .....	2
MH 555 Program Evaluation in the Health Sciences.....	3
MH 591 Project.....	4
or	
MH 593 Thesis .....	6
Required Courses	12
H 445G Alcohol/Drug Abuse & the Family.....	3
H 513 Advanced Assessment of Alcohol/Drug Problems.....	3
H 545 Fundamentals of Chemical Dependency.....	3
H 549 Counseling Techniques for Alcohol and Drug .....	3
Electives approved by committee	10
<b>Total</b>	<b>33-35</b>
NOTE: Electives may be taken anywhere in the university but must be approved by the student's graduate committee and the MHS director. The student must demonstrate, to the committee's satisfaction, how the electives are to fit into the student's program of study and career objectives. BSU graduates with any listed course in undergraduate work which applied to the undergraduate degree may not apply that course to the graduate degree.	

## Health Professions Internship

Students are expected to have work experience in some part of environmental health, health care delivery, substance abuse, or financing and administration of health care providing hands-on experience with health policy/program development and implementation issues. Applicants with less than one year work experience must complete a health professions internship. The student, in consultation with her/his graduate committee, will identify the appropriate internship experiences.

## Comprehensive Examination

In fulfillment of the MHS degree requirements, students must take a comprehensive exam. The exam takes place following completion of the course work and has both a written and oral defense component.

## Thesis/Project

The thesis, or project provides Health Science graduate students an opportunity to consolidate the knowledge and skills gained during their graduate studies and to carry out an independent scholarly inquiry of a health science topic. Students selecting the thesis option are required to register for 6 credits, following completion of at least 15 credit hours. Students selecting the project or directed research option are required to register for 4 credits, following completion of at least 15 credit hours. No student may sign up for either option until successfully completing MH 505 Health Science Inquiry and being advanced to candidacy following completion of at least 18 credits of selected course work.

## Graduate Committee

Students admitted with regular or provisional admission status will be appointed a graduate committee whose purpose is to establish, with the student, a program of study and internship requirements; to guide the student's thesis or project; to conduct the thesis/project defense; to approve the final thesis/project; and to administer the comprehensive examination (written and oral). The graduate committee consists of at least three individuals, including a chair who assumes the role of graduate advisor and at least two other committee members from two different departments. The committee must be established no later than advancement to candidacy.

## Course Offerings

### B BIOLOGY

**B 415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S).** Microbial populations and processes in soil and water. Water and food-borne pathogens. Microbiological and biochemical methods of environmental assessment. PREREQ: B 303, PERM/INST.

**B 501 BIOMETRY (4-0-4)(F).** An application of statistical methods to problems in the biological sciences. Basic concepts of hypothesis testing; estimation and confidence intervals; t-tests and chi-square tests. Linear and nonlinear regression theory and analysis of variance. Techniques in multivariate and nonparametric statistics. PREREQ: M III or equivalent, or PERM/INST.

### EC ECONOMICS

**EC 440G HEALTH ECONOMICS (3-0-3)(S).** Examines the economics and ethics of health and the health care delivery system. Comparisons will be made to the systems in other countries. The role of information and incentives in the system will be considered. PREREQ: EC 205, Admission to MHS program, or PERM/PROGRAM DIRECTOR.

### EH ENVIRONMENTAL HEALTH

**EH 442G HAZARDOUS WASTE MANAGEMENT (2-0-2)(S).** Historical, regulatory and technical aspects of hazardous waste management, relating primarily to the requirements of the Resource Conservation and Recovery Act and the Comprehensive Environmental Reclamation, Compensation and Liability Act.

**EH 450G ENVIRONMENTAL HEALTH LAW (2-0-2)(S).** Various aspects of environmental and health protection law are discussed, including sources of regulatory authority, legal procedures, agency roles, and specific statutes. Graduate students will complete extra assignments. PREREQ: Upper division standing and environmental health major or PERM/INST. Even-numbered years.

**EH 510 ADVANCED ENVIRONMENTAL HEALTH (3-0-3)(F/S).** As a review for the practicing professional and foundation for the recent graduate, discussion will focus on current issues in environmental health management. The course will provide an overview of basic concepts of water quality management, food protection, solid and hazardous waste management, vector and occupational hazard control and others, and will emphasize effective management and decision-making models. PREREQ: Admission to MHS program or PERM/INSTR.

**EH 515 OCCUPATIONAL SAFETY & HEALTH (2-3-3)(F/S).** Recognition, evaluation, and control of environmental health hazards or stresses (chemical, physical, biological) that may cause sickness,

impair health, or cause significant discomfort to employees or residents of the community. The course is taught concurrently with an undergraduate session, with additional course work and/or projects required of graduate students. PREREQ: Admission to MHS program and one year each undergraduate physics and organic chemistry, or PERM/INSTR.

**EH 517 PRINCIPLES OF TOXICOLOGY (2-0-2)(F/S).** An examination of the absorption, distribution, and excretion of toxicants in humans and health effects on target organs. Toxicologic evaluation, risk assessment, fate of hazardous substances in the environment and policies for the control of such substances will also be discussed. The course is taught concurrently with an undergraduate session, with additional course work and/or projects required of graduate students. PREREQ: Admission to MHS program and one year each undergraduate chemistry and biology for science majors, or PERM/INSTR.

## H HEALTH

**H 304G PUBLIC HEALTH ADMINISTRATION (3-0-3)(F/S).** Functions of local, state, and federal health agencies, and factors which have an impact on agency programs. Those students registered for graduate credit will complete extra work. PREREQ: Upper division status and College of Health Science major or PERM/INST.

**H 445G ALCOHOL/DRUG ABUSE AND THE FAMILY (3-0-3)(F/S).** An examination of the effects of chemical abuse on the family system. Included are the roles family members assume to accommodate the chemically dependent person, and the financial and emotional costs to the entire family. Special attention is given to intervention and other treatment approaches.

**H 449G COUNSELING TECHNIQUES FOR HEALTH PROFESSIONALS (3-0-3)(F).** Topics to include interviewing and questioning techniques, client observation and influencing skills, and ethics. Special emphasis is given to confrontation techniques which can help break through the denial system of patients and help determine sound treatment plans. PREREQ: Upper division or graduate status.

**H 480G EPIDEMIOLOGY (3-0-3)(F/S).** Study of the distribution of disease or physiological conditions of humans, and of factors which influence this distribution. Those students registered for graduate credit will complete extra work. PREREQ: Upper division status and College of Health Science major or PERM/INST and statistics or MR 205.

**H 513 ADVANCED ASSESSMENT OF ALCOHOL/DRUG PROBLEMS (3-3-4)(S).** Clinical application of concepts and principles presented in the undergraduate courses. Students will be required to supervise and appraise the critical assessments of two or more undergraduate students for the duration of the semester. PREREQ: H 415.

**H 535 ETHICS AND HEALTH POLICY (2-0-2)(S).** Systematic examination of ethics as it relates to decision making in health policy. Discussion includes the moral issues of health care quality, right to life and right to death. PREREQ: Admission to MHS program or PERM/INSTRUCTOR.

**H 540 HEALTH INFORMATION MANAGEMENT (3-0-3)(S).** The use of health information systems as a management tool in health policy and the impact of computer information systems on the structure and function of health care organizations, including administrative research to support decision making and problem solving using local and national computer data networks. PREREQ: Statistics and PERM/INSTRUCTOR.

**H 545 FOUNDATIONS OF CHEMICAL DEPENDENCY (3-0-3)(F/S).** An overview of the psychological, pharmacological, physiological and educational aspects of chemical dependency.

**H 549 COUNSELING TECHNIQUES FOR CHEMICAL DEPENDENCY (3-0-3)(F/S). (Cross listed TE 549).** A study of counseling techniques and practices used in dealing with people of all ages who are chemically dependent. Special attention will be paid to the impact of chemical dependency in family members and counseling strategies for adolescents. This course may be taken for either H or TE but not both.

## MH MASTER OF HEALTH

**MH 505 HEALTH SCIENCE INQUIRY (2-0-2)(F/S).** Basic inquiry into the history of modern health science research and the scientific method. Problem solving strategies and methodologies for research and study will be discussed. Students will each develop a prospectus of study. The course is to be completed before a project or thesis is undertaken. PREREQ: Statistics and admission to MHS program or PERM/INSTR.

**MH 520 MEDICAL CARE SYSTEMS (3-0-3)(F/SU).** Examines the organization of medical care services; interpretation of their needs and demands; types, numbers, nature, and relationships of medical institutions and manpower; how the financing of medical care is accomplished, including national plans for medical care. PREREQ: Admission to MHS program or PERM/PROGRAM DIRECTOR.

**MH 530 PUBLIC HEALTH PROMOTION AND EDUCATION (3-0-3)(F/S).** A critical examination of the behavior, actions, and practices that influence the promotion of community-wide health, with an emphasis on those concepts of health education that assist in effecting changes in lifestyle. Discussion will also include health promotion and education policy and planning, needs assessment, methods and materials, and curriculum development for a broad range of public beneficiaries. PREREQ: Statistics, computer proficiency, and PERM/INSTRUCTOR.

**MH 550 CURRENT ISSUES IN HEALTH POLICY (3-0-3)(F/S).** Examines current issues in health care policy in the United States health care system. The structure, administration and financing of the health care system are reviewed and recent changes and their effects on cost, quality, and access to health care are discussed. Some attention is given to health policy issues in other countries as they influence and impact policy in the United States. PREREQ: Admission to MHS program or PERM/INSTRUCTOR.

**MH 555 PROGRAM EVALUATION IN HEALTH DELIVERY SETTINGS (3-0-3)(S).** Topics include evaluation overview, models, and evaluative study objectives, methodological design, interpretation of data, and final report preparation. The course includes a thorough review of statistics and sampling as they apply to program evaluation methodologies. PREREQ: Undergraduate statistics and admission to MHS program or PERM/INSTRUCTOR.

**MH 560 RISK MANAGEMENT IN THE HEALTH SCIENCES (3-0-3)(F).** Critical evaluation of the use of risk management in establishing health program policy and program management. Risk assessment, hazard and vulnerability assessment, cost-benefit analysis, decision analysis strategies and the use of research in decision-making will be emphasized. Students will develop a risk management model in an area of interest and write a scholarly paper on some significant aspect or area of the health sciences. PREREQ: Statistics, computer proficiency and PERM/INSTRUCTOR.

**MH 591 PROJECT (0-V-4).**

**MH 593 THESIS (0-V-6).**

## Master of Health Science

### PA PUBLIC AFFAIRS

**PA 500 ADMINISTRATION IN THE PUBLIC SECTOR (3-0-3) (F/S).** Designed to introduce students to the broad field of public administration at the graduate level. The course surveys a number of important issues in contemporary public administration, including an emphasis on political, legal, economic and social institutions, and processes. **PREREQ:** Admission to MHS program or PERM/PROGRAM DIRECTOR.

**PA 501 PUBLIC POLICY PROCESS (3-0-3) (S).** Process of policymaking both within an agency and within the total governmental process, emphasizing policy and program planning, policy implementation and the value system of administrators. **PREREQ:** Admission to MHS program or PERM/PROGRAM DIRECTOR.

**PA 502 ORGANIZATIONAL THEORY (3-0-3) (F/S).** Theories of organization behavior and management, with special attention given to public sector organizations. Issues and problems related to the nonprofit sector will also be addressed. **PREREQ:** Admission to MHS program or PERM/PROGRAM DIRECTOR.

**PA 540 NATURAL RESOURCE POLICY AND ADMINISTRATION (3-0-3) (F/S).** Examines the major issues, actors, and policies in the area of natural resources. Topics include: land and water management and use, the natural resource policy environment, the roles and behaviors of natural resource agencies, and alternative natural resource policy futures.

**PA 541 ENVIRONMENTAL AND REGULATORY POLICY AND ADMINISTRATION (3-0-3) (F/S).** Examines aspects of environmental regulatory politics and policy. Topics examined include the politics of regulation, pollution and waste policy, and intergovernmental environmental management.

#### Idaho State University Courses:

- MPH 601 Applications in Epidemiology
- MPH 602 Introduction to Biostatistics
- MPH 603 Applications in Biostatistics



## Master of Arts in History

Department of History  
Library Building, Room 192  
Graduate Program Coordinator: Michael P. Zirinsky  
Telephone 208 385-1255  
Fax 208 385-4058  
<http://www.idbsu.edu:80/history>  
e-mail: [histadm@sspafac.idbsu.edu](mailto:histadm@sspafac.idbsu.edu)

**Director of Graduate Studies:** Michael P. Zirinsky

**Department Chair:** Errol D. Jones

**Full Graduate Faculty:** Peter Buhler, Allan Fletcher, Errol Jones, Nicholas Miller, Phoebe Lundy, Charles Odahl, Sandra Schackel, Todd Shallat, Robert Sims, Warren Vinz, Michael Zirinsky

**Associate Graduate Faculty:** Nicholas Casner, Shelton Woods

**Adjunct Graduate Faculty:** Ellis Knox, Hugh Lovin (Emeritus), Patricia Ourada (Emerita), Milton Small, William Tydeman, Alan Virta.

### General Information

The M.A. degree in history at BSU prepares students for advanced work in the field of history. Established in 1977, the M.A. program in history is based upon a solid, committed faculty and multiple resources. Faculty and library strengths enable students to specialize in the fields of north American, western, public, women's, ancient and medieval, religious, international, European, and non-western history. Besides a faculty rich in its diversity and talents, the location of the university in the capital city of Idaho gives students access to the State Archives, Idaho State Historical Museum, the State's Law Library, the Survey Research Center, the Frank Church Archive, and other research facilities. The BSU library has a collection of almost 400,000 bound volumes and periodicals and subscribes to more than 4,500 serials. It is also a selective US Government and Canadian document depository, as well as an Idaho State depository. The interlibrary loan system makes the holdings of other excellent collections accessible to BSU students. Several large corporations with home offices in Boise have opened their archives to students and faculty doing research on department-supported topics.

### Major Fields of Emphasis

With thirteen permanent and many adjunct faculty, the department of history offers courses in a wide variety of topics in north American, European, and non-western history. In addition to covering these traditional geographical areas, the department emphasizes the following fields.

**Western and Public History:** The study of the American west at Boise State stresses the diversity of the region and the practical value of scholarly research. Topics include natural resources and environmental history, western women, American Indians, exploration, museums and archives, and historic preservation. Team research projects, a variety of

internships, and cultural events at the Hemingway Center of Western Studies broaden the learning experience. Library holdings are extensive. In 1988 the program received the Bureau of Land Management's "Outstanding Service Award."

**Women's History:** The study of women's history as a field of emphasis is designed to introduce students to the contributions and significance of women's past experiences. It also uses materials and methods which increase an awareness of the importance of women's many roles and expands students' horizons beyond those set by gender-based stereotypes. Students may select from a variety of courses such as Introduction to Women's History, Women in America, Women in the American West, Women and Religion, Witchcraft in Europe, Women and War, and Women and Autobiography, among others.

**Ancient and Medieval Studies:** Students may concentrate on the ancient Roman, early Christian, or medieval European eras and a broader program spanning the ancient through renaissance periods. Graduate courses in these fields deal with Augustus and the Golden Age of Rome, Constantine and the Late Roman Empire, Medieval Church and State Relations, the Crusades, High Medieval Culture, and the Italian Renaissance. Courses in Greek and Latin are offered by department faculty, and related courses in ancient and medieval art, literature, philosophy, and music are taught in other departments offering a broad cultural approach to these fields.

**Religious History:** The history department offers courses in religious history, including studies in Asian and Middle Eastern as well as Jewish and Christian traditions, and the history of Christianity from ancient Roman to modern American times. Courses are taught in Early, Medieval, Reformation, and Modern American Christianity, the Islamic Middle East, Living Religions, Women, Society, and Religion, Religion and Politics, and American Religious Nationalism. Emphasis is on the integral role that religion has played in society and culture through the ages.

**International History:** This field emphasizes the interactions of cultures, states and peoples of Asia, Africa, Latin America, and the Middle East with each other and with North America and Europe. Numerous seminars are offered each year on topics such as: History of Inter-American Relations, European Diplomatic History, United States Diplomatic History, History of the Cold War, Origins of the Gulf Crisis, the War in Vietnam, and many others.

Graduate faculty are deeply involved in research and writing in their respective fields of emphasis. The department of history encourages a collegial atmosphere in which students and faculty work closely together. Its main goal is to prepare students for further study or for a successful career in history.

### Financial Assistance

Financial aid applications, scholarship applications, and guidelines can be obtained from the Graduate Admissions office. Applicants who wish to be considered for financial aid should complete applications by March 1 of the academic year

prior to their first enrollment in the M.A. program. Applicants must be sure that the history department has in hand by March 1 a completed application for financial assistance, two letters of recommendation, complete transcripts of the applicant's academic record, and demonstrated ability to write effectively in English.

**Graduate Assistantships:** The purpose of the graduate assistantship program is to support promising individuals who are committed to continuing their education at the graduate level. Assistantship awards include a waiver of all registration fees and/or a monetary stipend. Graduate assistants are required to spend up to fifteen or twenty hours per week in service to the department depending on the stipend awarded. Duties will vary with area of study. A limited number of assistantships are awarded on a competitive basis.

**Internships:** The department sometimes may be able to arrange a paid internship as part of the graduate program. Make enquiry with the department to see what may be available at the time of registration.

### Designation of Advisor and Graduate Committee

The director of graduate studies in history will act as temporary advisor for all newly admitted students. The student will establish an advisory committee as soon as possible, normally during the first semester enrolled. The committee chair will act as advisor and thesis or project director. Other members of the committee will be chosen by the student and his or her advisor. The entire program leading to the degree will be planned by the student in conjunction with his or her advisory committee.

**Note:** Courses taken without prior approval of the advisory committee may not be accepted as part of the student's degree program. To make sure all courses taken are accepted as part of the degree program, the student and the advisory committee should fill out and adhere to the *Program Development Form*.

### Other Academic Regulations

**Incompletes:** Incompletes in any graduate course, except thesis (HY 593) and project (HY 591), will be granted only under extraordinary circumstances and the work must be made up before the student will be allowed to register for a subsequent semester.

**Overloads:** Students wishing to take an overload (more than 9 graduate credits) must secure written permission from their advisory committee chair, the director of graduate studies, and the department chair.

**Admission to Candidacy:** Students should apply for admission to candidacy as soon as possible after completing 18 hours in an approved program of study. There can be no deficiencies at this point (e.g., the student must have been raised from provisional to regular status) and language or other special requirements must have been met. Students will be recommended by the department for admission to candidacy **only** on a positive vote of the advisory committee, after careful

# Master of Arts in History

assessment of progress toward the degree, to the date of application. (See the specific Graduate College statement, "Applying for Candidacy.")

**Thesis or Project:** The student must decide, with the advice and consent of his or her committee, whether to present either a Thesis or a Project. In either case, the first formal step toward the thesis or project is to prepare a prospectus which must be approved by the committee no later than the tenth week of the first semester registered for thesis or project credit. Regardless of which option is selected, the candidate for the M.A. must publicly defend the thesis or project at an oral examination scheduled by his or her advisory committee.

## Application and Admission Requirements

**Application Procedures:** Application for admission to the history graduate program may be made at any time. It is recommended, however, that the prospective student make application at the Graduate Admissions Office at least one full semester prior to expected enrollment. At that time the student will pay the application fee, fill out an application form and make provision to have transcripts for all schools of higher education previously attended sent directly to the BSU Graduate Admissions Office.

Applicants must also send directly to the director of graduate studies in history a letter of application explaining why the student wishes to be admitted, a sample of the applicant's writing skills (e.g., seminar paper, senior thesis, or published article), and at least two letters of recommendation from persons competent to judge the applicant's potential for graduate study in history. Students also should provide a report of the aptitude section of the Graduate Record Examination.

The History Department can take no action on the application until all of the above materials have been received. Applicants who wish to enroll in the fall semester should complete applications by March 1. Applicants who wish to enroll in the spring semester should complete applications by October 1. Applications completed after these dates may well have consideration delayed until after the start of the next semester.

**Admission:** Admission will normally be granted to applicants who hold a bachelor's degree in history, or its equivalent, from an accredited institution or who have a strong history background (more than 20 semester hours) within their undergraduate program. Students without a strong history background may be required to remove deficiencies before admission.

Minimum standards for admission with regular status to the history graduate program include a minimum GPA of 3.00 with 3.20 in history and 3.20 for the last two years of undergraduate study. In addition, for admission with regular status applicants must present at least one year of college-level language other than English. Students not meeting these minimum requirements for admission with regular status are encouraged to apply for provisional status.

Applicants must also be aware that some areas require additional foreign language skills or other research tools.

## Degree Requirements

Master of Arts in History	
Course Number and Title	Credits
The Master of Arts in History will consist of a minimum of thirty-three hours, planned by the student in conjunction with the student's advisory committee (or, before the committee is established, the director of graduate studies). The student will establish an advisory committee as soon as possible, normally during the first semester enrolled. Each program is individual and <b>must</b> be approved by the student's advisory committee. Courses taken without prior approval of the advisory committee may not be accepted as part of the student's approved degree program. A history student completing an emphasis in ancient, early Christian, or medieval history may be required by his or her committee to take up to nine undergraduate credits in advanced, classical languages.	
<b>Required core courses:</b> All students will take two core courses, including HY 500 Historians and Historical Interpretation...3 and one of the following three courses: HY 512 Sources of Western Traditions.....3, <b>or</b> HY 513 Sources of Non-western Traditions ...3, <b>or</b> HY 520 Sources of American Values .....3 This second core course should be chosen to support the student's major field.	6
<b>Major field:</b> All students will, in conjunction with their advisory committee, plan a major field within the Department of History of at least 12 hours. The major field should be chosen from regularly scheduled course offerings and seminars, supplemented as needed by individually crafted HY 595 Reading and Conference and HY 596 Directed Research courses. If the student and his or her committee decide not to present a minor field, the major field will consist of at least 21 hours, 24 if the project option is chosen.	12-24
<b>Minor field (optional):</b> Depending on the nature of the field and the program developed by the student and his or her committee, the student may also take a supporting minor field of at least 9 hours.	9
<b>Thesis or Project Option:</b> HY 591 Project .....3 HY 593 Thesis.....6 The student must decide, with the advice and consent of his or her committee, whether to present either a Thesis or a Project. In either case, the first formal step toward the thesis or project is to prepare a prospectus which must be approved by the committee no later than the tenth week of the first semester registered for thesis or project credit. Regardless of which option is selected, the candidate for the M.A. must publicly defend the thesis or project at an oral examination scheduled by his or her advisory committee.	3-6
<b>Total</b>	<b>33</b>



## Course Offerings

### HY HISTORY

**HY 334G UNITED STATES SOCIAL AND CULTURAL HISTORY (3-0-3) (F/S).** Selected themes from colonial times to the present. The nature and meaning of the national experience, customs, traditions and intellectual developments. HY 151, HY 152 recommended. Alternate years.

**HY 423G EUROPEAN DIPLOMATIC HISTORY 1871 PRESENT (3-0-3) (F/S).** Major problems in European diplomacy since 1871; search for security after unification of Germany, potential collapse of Ottoman Empire, imperialism in Africa and Asia, alliance systems, origins of World Wars One and Two, cold war and merging of European diplomacy into world diplomacy. Alternate years.

**HY 500 HISTORIANS AND HISTORICAL INTERPRETATION (3-0-3).** A study of major historians and schools of historical interpretation from Ancient Greece to the twentieth century. Discussion concentrates on written history and the problems of interpretation. Oral and written participation and a major paper are required. PREREQ: admission to graduate program or PERM/CHAIR.

**HY 512 SOURCES OF WESTERN TRADITION (3-0-3).** Selected topics in the History of Western thought beginning with the Classical Greeks through the present era. A study of intellectual and cultural trends reflected in the western philosophical tradition, both secular and religious. PREREQ: Admission to the graduate program or PERM/CHAIR.

**HY 513 SOURCES OF NONWESTERN TRADITION (3-0-3).** Selected topics dealing with the problems and possibilities of the historical study of societies other than one's own, with special reference to Africa, Asia and Latin America. PREREQ: Admission to the graduate program or PERM/CHAIR/INST.

**HY 520 SOURCES OF AMERICAN VALUES (3-0-3).** The origins of American thought and culture, the Puritan mind, enlightenment ideas, the intellectual climate of the new nation, and an exploration of American values on the eve of the Civil War; laissez-faire capitalism thereafter and the reaction to industrialism. PREREQ: Admission to graduate program or PERM/CHAIR.

**HY 580 GRADUATE SEMINAR IN U.S. HISTORY (3-0-3).** Studies of the principal themes or problems within well-defined periods of particular fields of U.S. History. Emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. PREREQ: Admission to the graduate program or PERM/CHAIR.

**HY 581 GRADUATE SEMINAR IN EUROPEAN HISTORY (3-0-3).** Critical analysis of source materials and historical literature on topics of restricted scope in European history. Emphasizes reading, discussion, writing and research. Student participation in discussion and reports are expected. PREREQ: Admission to graduate program or PERM/CHAIR.

**HY 582 GRADUATE SEMINAR IN THIRD WORLD HISTORY (3-0-3).** Critical analysis of source materials and historical literature on topics of restricted scope in Third World history. Reports and

discussion on various aspects of the topic under consideration will be performed by the students under the direction of the instructor. Emphasis will be placed on reading, discussion, research and writing. PREREQ: Admission to graduate program or PERM/CHAIR.

### HY 590 PRACTICUM/INTERNSHIP

**HY 591 PROJECT (3 credits).**

**HY 592 HISTORY COLLOQUIUM (3 credits).**

**HY 593 THESIS (6 credits).**

### HY 594 WORKSHOP

**HY 595 READING AND CONFERENCE (Variable 1 to 3).** A rigorous reading course designed to fit the personal interests of the student in collaboration with the directing faculty member. It is not intended to duplicate courses already taught in a classroom setting, but to supplement those offerings. Requirements will be established by the directing instructor based on the difficulty of material to be analyzed and the number of credits to be granted.

**HY 596 DIRECTED RESEARCH (3-0-3).** The purpose of this course is to provide the student with an opportunity to do individual research on a topic within one of the areas of specialization offered by the department. While it is expected that a research paper will result from this work, the directing faculty member will determine the requirements for the course.

### HY 597 SPECIAL TOPICS.

**HY 598 HISTORY SEMINAR (3 credits).**

### LA LATIN

#### LA 323G EARLY CHURCH LATIN LITERATURE (2-2-3) (F).

Translation and analysis of selections from the major writings of the Latin Fathers of the early Church, such as Tertullian, Cyprian, Lactantius, Ambrose, Jerome and Augustine. Recommended: A year of college Latin and HY 323 Early Christianity. Alternate years.

**LA 324G MEDIEVAL LATIN LITERATURE (2-2-3) (S).** Translation and analysis of selections from significant medieval Latin writers, such as the papal biographers, Egeria, Gregory of Tours, the Venerable Bede, Einhard, Pope Gregory VII, Fulcher of Chartres, Abelard and Jacques De Vitry. Recommended: A year of college Latin and HY 324 Medieval Europe. Alternate years.

#### LA 491G ADVANCED LATIN TUTORIAL - AUGUSTAN AGE

**(2-2-3) (SU/F).** Translation and analysis of classical texts from authors of the "Golden Age of Latin Literature," such as Cicero, Caesar, Vergil and Livy. Survey of materials and methods for teaching Latin in secondary schools. Recommended: HY 481/581 European Seminar on Augustus and the Golden Age of Rome. PREREQ: PERM/INST. Alternate years.

#### LA 492G ADVANCED LATIN TUTORIAL - CONSTANTINIAN

**ERA (2-2-3) (SU/F).** Translation and analysis of Christian texts from the Constantinian Era, such as imperial biographies, laws, letters, and creeds. Survey of materials and methods for teaching Latin in secondary schools. Recommended: HY 481/581 European Seminar on Constantine and the Late Roman Empire. PREREQ: PERM/INST. Alternate years.



# Master of Science in Instructional & Performance Technology

Department of Instructional & Performance Technology  
Engineering Technology Building, Room 338  
Telephone 208 385-1312  
FAX 208 385-1970 or 4081  
<http://www-cot.idbsu.edu/~ipt/>  
e-mail: [lburnet@bsu.idbsu.edu](mailto:lburnet@bsu.idbsu.edu)

### Department Chair and Graduate Program Director:

David Cox

**Full Graduate Faculty:** David Cox, Mark Eisley

**Associate Graduate Faculty:** Donald Winiecki

**Adjunct Graduate Faculty:** Jonathan Agras, Bobbie Allaire, Patricia Anson, Marcia Belcheir, Keith Brown, Jeff Cerny, S. Youn Chyung, Larry Crookham, Daniel Eastmond, Theodore Eisele, Peggy Ertmer, Jo Ann Fenner, Ben Hambelton, Heber Moore, Timothy Newby, Charles Winborne

## General Information

The Master of Science Degree in Instructional & Performance Technology (IPT) is intended to prepare students for careers in the areas of instructional design, job performance improvement, human resources, organizational redesign, training, and training management. The IPT program equips students with skills needed to identify, analyze, and solve a variety of human performance problems in settings such as industry, business, the military, education, and private consulting.

The M.S. program emphasizes scholarly understanding of research and theory as they apply to instructional technology and performance technology. Students are also exposed to a broad range of practical skills and knowledge in instructional systems design, program development, computer-assisted instruction, consulting, media selection/utilization, instructional use of computers, and program evaluation. In addition, students learn how to appraise and select proposed training programs and delivery methods. With respect to training and instruction, the emphasis is not so much on how to personally be a good presenter or instructor, as it is on how to **design** effective programs which can be "packaged" for implementation by other individuals.

Human performance improvement in organizations requires more than education or training alone. In this program, students explore the many factors that affect job performance, such as knowledge and skills, job expectations, task design, incentive systems, feedback systems, tools, job aids, and resources. In the IPT program, students learn how to think strategically and design interventions that will address all the needed factors (in addition to training or instruction) and get the desired results. They learn how to define and clarify those results and how to integrate instruction with other factors that impact human performance.

## Distance Education Option

In addition to the traditional mode of delivering on-campus classes, Boise State University also offers its M.S. program in IPT through distance education (DE) methods. This constitutes an entirely nonresident course of study for a complete M.S. in IPT. Students all over the continent participate in BSU's IPT program from their home locations through time- and location-flexible classes.

DE classes are conducted by computer conferencing (via personal computers and telephone connections). The classes are distinct from correspondence courses in many important ways. Two of these are: (a) each student in the class sees the questions and comments of all the rest of the students in a natural flow of normal class discussion; and (b) interaction between teacher and student and among peers is much more immediate than possible through mailing systems. Computer conferencing permits (and encourages) a high level of interaction among class members.

DE classes are delivered through a combination of media in *addition* to the medium of computer conferencing. For example, for any given course, the media used might include printed materials, videotapes, audio tapes, computer-assisted instruction, computer programs, data bases, slow-scan video, facsimiles, and personal telephone contact.

The distance option of the IPT program uses the *same admission standards and required courses as the on-campus option*. However, the tuition is higher than for on-campus classes, special equipment is required, and course offerings are scheduled through Continuing Education. The reason for the additional cost is that the DE courses are entirely self-sustaining and are not subsidized by state taxes. DE courses are available to on-campus students if they choose to pay the additional expense. (DE courses do not follow the normal schedule indicated in the course descriptions which follow; schedules for DE courses are available in an official release from Continuing Education.)

In order to be admitted to the distance option, applicants must own or have convenient access (a minimum of 2 hours per day, 5 days per week) to a complete computer system which includes the following components: a fully IBM-compatible 486 (or better) computer; 16 megabytes of RAM; VGA graphics capability or better; at least 150 megabytes of free space available on a hard disk drive; Windows 95 (or newer) or NT; 28.8 BAUD modem (or better); a 3.5" high density (1.44 MB) floppy drive; a CD-ROM drive; a sound board and speakers; and the ability to play video files. Distance students are encouraged to gain access to a fax machine. Some courses *require* students to have full Internet access (check with the IPT Technical Coordinator for details).

The distance option is fully accredited by the Northwest Association of Schools and Colleges (NASC). Distance students in the program have been enthusiastic about the rigor and value of their academic experience. The distance option clearly meets the needs of busy professionals who are seeking to increase their knowledge, skills, and credibility in the training profession but cannot relocate to attend traditional graduate courses.

# Master of Science in Instructional & Performance Technology

## Graduate Assistantships

A limited number of graduate assistantships are available for full-time, on-campus students. Graduate assistantships include a stipend and a waiver of fees. Graduate assistantship appointments require approximately 20 hours of service per week to the University. The appointment is made for a period not to exceed one academic year. Appointments are renewed at the discretion of the IPT Program. Graduate assistants must have been admitted into the IPT program, must enroll for a minimum of eight credit hours each semester, and must meet any other requirements as set forth by the Graduate College. Applications are available in the IPT office or the Graduate College office. The application deadline is March 1.

## Application and Admission Requirements

Admission requirements will be based on the following information:

1. Documented evidence of an earned baccalaureate degree from an accredited institution.
2. A minimum GPA of 3.0 for the last two years of course work at accredited institutions (all course work must be verified by official transcripts). If a person fails to meet the GPA requirement, that person may apply for special consideration by achieving a minimum score of 50 on the Miller Analogy Test (MAT) or at least 500 on the Verbal Section of the Graduate Record Examination (GRE).
3. Appropriateness of background experience and of the fit between the prospective student's career goals and what the IPT program offers. (Applicants must submit a resume and a one-to-two page essay to help determine satisfaction of this requirement.)

## Admission Procedures:

1. Obtain a graduate application and submit it with a \$20 application fee to the Graduate Admissions Office. Note: International students should submit the Foreign Student Graduate Application and a \$30 application fee.
2. Have the Registrar of ALL institutions attended send official transcripts directly to the Graduate Admissions office. PLEASE DO NOT HAVE TRANSCRIPTS SENT PRIOR TO SUBMITTING YOUR GRADUATE ADMISSION APPLICATION.
3. Submit to the IPT Office a resume of personal qualifications and work experience and a one-to-two page essay describing why you want to pursue this degree and how it will contribute to your personal and professional development.
4. If you do not have a GPA of 3.0 or higher for your last two years of course work, then obtain information for taking the MAT or the GRE from the Counseling and Testing Center at BSU. Have your scores sent to the Graduate Admissions Office at BSU (code 4018).
5. Students intending to take DE courses must also complete the IPT Equipment Availability Checklist.

6. After Steps 1 through 5 are completed, your records will be evaluated and forwarded to the IPT Program Committee for a decision on your admission to the program. As soon as this process is completed, you will receive official notification as to the decision and, if you are admitted, who your faculty advisor will be.

## Timing of Application and Admission:

It is extremely important that you complete the above admissions procedures and are officially admitted to the program *before* you begin taking the courses you hope to apply toward the M.S. degree. Please note that permission from the Graduate Admissions Office to take graduate courses does NOT constitute admission to the IPT program. If you *complete* BSU graduate courses before you are officially admitted to the IPT program, the credit for those courses will appear on your BSU transcript but will not be applied toward the M.S. degree in IPT.

If, at your own discretion, you enroll in a BSU graduate course before you are admitted to the M.S. program in IPT, you are urged to complete the admissions procedures before the end of that course. If you are accepted before the semester closes, the credit you receive at the end of the semester is "eligible" for application toward the degree. The IPT Program Committee will decide which credits, if any, will be accepted.

## Degree Requirements

Master of Science in Instructional & Performance Technology	
Course Number and Title	Credits
<b>Core Requirements:</b>	21
IP 530 Evaluation Methodology <b>or</b>	
IP 531 Overview of Research Design, Measurement, & Statistics .....	3
IP 535 Learning Theory for Instructional Designers, <b>or</b>	
TE 582 Instructional Theory .....	3
IP 536 Introduction to Instructional and Performance Technology .....	3
IP 537 Instructional Design .....	3
IP 550 Delivery Technology for Instruction .....	3
IP 551 Designing Computer-Based Training, <b>or</b>	
TE 538 Instructional Courseware Design .....	3
IP 560 Human Performance Technology .....	3
<b>Thesis Option:</b>	
Electives .....	9
IP 593 Thesis .....	6
<b>or</b>	
<b>Project Option:</b>	
Electives .....	9
IP 591 Project .....	6
<b>or</b>	
<b>Nonthesis Option:</b>	
Electives .....	15
Comprehensive Examination	15
<b>Total</b>	<b>36</b>

— continued —

# Master of Science in Instructional & Performance Technology

## Master of Science in Instructional & Performance Technology (continued)

### Electives:

Appropriate electives will be selected by the student and his/her advisor based on an evaluation of the student's educational and professional goals.

#### Suggestions:

IP 520 Video Delivery Systems .....	3
IP 523 Authoring Skills for Instructional Multimedia .....	3
IP 524 Internet Applications for IPT Professionals .....	3
IP 530* Evaluation Methodology .....	3
IP 531* Overview of Research Design, Measurement, and Statistics .....	3
IP 535* Learning Theory for Instructional Designers .....	3
IP 538 Instructional Strategies .....	3
IP 540 Applications of Learning Styles in Instructional & Performance Technology .....	3
IP 551* Designing Computer-Based Training .....	3
IP 561 Human Factors Engineering .....	3
IP 563 Job Performance Aids (JPAs) & Electronic Performance Support Systems (EPSSs) .....	3
IP 583 Selected Topics in Instructional Technology .....	3
IP 590 Practicum/Internship .....	Variable
IP 591 Project (Non-culminating activity) .....	Variable
IP 595 Readings and Conference .....	Variable
IP 596 Directed Research .....	Variable
IP 597 Special Topics .....	Variable
E 512** Advanced Technical Communication .....	3
TE 538* Instructional Courseware Design .....	3
TE 551** Fundamentals of Educational Research .....	3
TE 582* Instructional Design .....	3

\*Can be used as either required or elective.

\*\* Offered only on-campus at present.

### Academic Scholarship Requirement

The IPT program has high academic expectations for its students. Grades below B in required or elective courses cannot be used to meet the requirements of the M.S. degree in IPT. A student who earns a grade of C in a *required* course will be asked by the Program Committee to retake the course, or to take another course deemed to be equivalent in purpose. With special permission of the Program Committee, a student may apply 3 ELECTIVE credits of C toward the degree.

### Residency Requirement for Project or Thesis Option

In order to complete the project or thesis option, students are required to be in residence on campus for at least one semester during which they are enrolled in IP591 Project or IP593 Thesis. Consequently, students in the distance education IPT program are invited to come to campus to participate in the project/thesis option, or they may pursue the nonthesis option with no obligation to be on campus at any time.

## Course Offerings

### IP INSTRUCTIONAL/PERFORMANCE TECHNOLOGY

#### IP 450G METHODS AND MEDIA FOR DELIVERING INSTRUCTION VIA TWO-WAY COMPRESSED VIDEO (1-0-1)

(F/S/SU). This course will prepare students to make use of compressed video technologies for the delivery of academic and vocational instruction. It will help current and preservice teachers adapt their instructional methods and media for use in a two-way compressed video classroom.

**IP 520 VIDEO DELIVERY SYSTEMS (3-0-3) (Demand).** Students will investigate the video and audio applications of technology for instruction such as Instructional Television Fixed Service (ITFS), teleconferences, and educational television. PREREQ: PERM/INST.

**IP 523 AUTHORING SKILLS FOR INSTRUCTIONAL MULTIMEDIA (3-0-3) (F).** Students learn how to use basic software tools that are used by professionals in authoring computer-based instruction. This course focuses on the mechanics of multimedia authoring, demonstrating how advanced authoring can be used to enhance presentation programs by adding CBT elements, including testing, feedback, and interactive exercises. Topics covered will include an overview of programming code and multimedia integration.

**IP 524 INTERNET APPLICATIONS FOR IPT PROFESSIONALS (3-0-3) (SU).** An examination of the Internet and World Wide Web for instructional and performance technologists. Through the application of practical and relevant activities, students will learn to use electronic communications effectively, search for and access electronic resources, prepare electronic documents for the Web, and examine critical issues related to the Internet, such as copyright, censorship, and educational applications. Special focus will be given to Internet E-mail, Usenet newsgroups, and the expanding capabilities of the World Wide Web.

**IP 530 EVALUATION METHODOLOGY (3-0-3) (SU).** Students learn how to use methods of inquiry and analysis to evaluate the effectiveness of instructional or performance improvement programs. They explore various models of both formative and summative evaluations and ways to implement the results of such research efforts.

**IP 531 OVERVIEW OF RESEARCH DESIGN, MEASUREMENT, AND STATISTICS (3-0-3) (S).** Students receive a foundation in the relationship among research design, measurement, and statistics. Topics covered include scaling, reliability, validity, norm- vs. criterion-referenced testing, forms of distributions, measures of central tendency & variability, basic research designs and their appropriate statistical tests, quantitative vs. qualitative research, and how to critique research in the area of instructional and performance technology.

**IP 535 LEARNING THEORY FOR INSTRUCTIONAL DESIGNERS (3-0-3) (S).** Students discover how theories of human learning can be applied to the instructional process in order to make it more effective and efficient. They will explore conditions, both internal and external to the learner, which are known to affect learning outcomes. They will also explore alternative methods, strategies, and technologies that increase instructional effectiveness in various learning situations and circumstances.

**IP 536 INTRODUCTION TO INSTRUCTIONAL AND PERFORMANCE TECHNOLOGY (3-0-3) (F).** This course provides students with an overview of the field of Instructional and Performance Technology, its products and processes. Students learn the historical, philosophical, and theoretical foundations of the field.

**IP 537 INSTRUCTIONAL DESIGN (3-0-3) (F).** This course gives an overview of several models for instructional systems design and examines the processes involved in designing instructional

# Master of Science in Instructional & Performance Technology

interventions, such as analyzing instructional needs, determining and organizing content and process, selecting appropriate media, evaluating, and revising. PREREQ: IP 536 and either TE 582 or IP 535, or PERM/INST.

**IP 538 INSTRUCTIONAL STRATEGIES (3-0-3)(F).** Instructional strategies constitute the "recipes," templates, or prescriptive patterns that guide, simplify, and "automate" the voluminous task of actually designing the learning activities called for by the front-end analysis in an instructional design project. Students will identify, clarify, justify, and experiment with several types of instructional strategies. Given an variety of instructional needs, students will practice selecting and implementing appropriate strategies. PREREQ: IP 537.

**IP 539 ARTIFICIAL INTELLIGENCE APPLICATIONS FOR INSTRUCTION (3-0-3) (Demand).** This course provides students with an overview of artificial intelligence and an introduction to expert systems. Students learn how expert systems can be used to increase the efficiency and effectiveness of instruction and performance interventions.

**IP 540 APPLICATIONS OF LEARNING STYLES IN INSTRUCTIONAL AND PERFORMANCE TECHNOLOGY (3-0-3) (F).** An examination of the character features of several learning/cognitive styles and their relation to abilities and performance in the application of Instructional and Performance Technology. Topics include the stylistic preferences for different learning environments, curriculum and media materials, instructional and testing methods, and the implications of different student/teacher styles for instructional design.

**IP 550 DELIVERY TECHNOLOGY FOR INSTRUCTION (3-0-3) (F).** Students investigate the applications of various types of media and technology to instruction and performance interventions. Special emphasis is placed on video applications. PREREQ: IP 537 or PERM/INST.

**IP 551 DESIGNING COMPUTER-BASED TRAINING (3-0-3)(F).** Students learn to apply the principles of instructional design within the medium of Computer-Based Training (CBT) for business and other settings. Emphases include multimedia, hypertext, hypermedia, transaction shells, screen design, selection of programming and authoring tools, and appropriate vs inappropriate uses of CBT and its various aspects. Recommended preparation: IP 523. PREREQ: IP 537.

**IP 560 HUMAN PERFORMANCE TECHNOLOGY (3-0-3)(F).** Students examine the foundations, process models, interventions, professional practice issues, and future trends of the field of human performance technology (HPT) which aim to improve performance in the work place or in learning situations. Students practice applying, revising, combining and critiquing HPT processes. PREREQ: IP 536 or PERM/INST.

**IP 561 HUMAN FACTORS ENGINEERING (3-0-3)(Demand).** This course provides a basic introduction to the design of performance environments (including human-machine interfaces). Students learn principles of work and learning system design that help to improve human performance.

**IP 563 JOB PERFORMANCE AIDS (JPAs) & ELECTRONIC PERFORMANCE SUPPORT SYSTEMS (EPSSs) (3-0-3)(S).** Job Performance Aids (JPAs) and Electronic Performance Support Systems (EPSSs) are non-instructional devices that are used to help human workers overcome cognitive limits and improve job related performance. This course will provide students with a review of research and methods related to prescribing, designing, implementing, evaluating and revising JPAs and EPSSs. Students in this class will analyze a human performance problem; then prototype, evaluate and propose revisions on JPAs and EPSSs for the solution of that problem.

**IP 571 MANAGEMENT CONCERNS FOR PERFORMANCE TECHNOLOGISTS (3-0-3)(Demand).** This course provides students with an exposure to current topics in management which are related to understanding performance systems.

**IP 583 SELECTED TOPICS IN INSTRUCTIONAL TECHNOLOGY (3-0-3)(Demand).** Students explore issues and topics of current interest. Content will be revised continually to reflect current developments in the field of instructional and performance technology. PREREQ: IP 536 or PERM/INST.

**IP 590 PRACTICUM/INTERNSHIP (Variable).**

Note: This course is used by IPT students as an internship experience. A prospectus requiring faculty sponsor, employer, and student agreement must be submitted before registering for the course; a brief report endorsed by the employer is required at the end of the semester; the student's final grade is determined by the faculty sponsor. IPT students may count no more than a total of 3 semester hours of IP 590 toward their program.

**IP 591 PROJECT (0-V-6).** Note: The IPT program uses the 591 Project course in both the traditional way *and* in a unique way to serve an additional purpose. Other BSU graduate programs typically use 591 Project only as a culminating activity requiring 6 credits of 591. If you are an on-campus student and you wish to use 591 in the traditional manner, you may do so by forming a faculty committee and following the requirements and procedures for the "Project Option." These are outlined in the section at the beginning of this catalog titled, "Culminating Activity." The second (and more recommended) way in which IP 591 may be used is to enroll in 1 to 3 credits (per project) and engage in an independent *development project* under faculty direction. (*Research* projects should be conducted under IP 596.) You must first have the recommendation of your advisor and obtain a faculty sponsor for the proposed project. Then prior to registration in IP 591, an agreement form must be signed by the faculty sponsor. A combined total of 9 semester hours from either IP 591 or IP 596 may be applied toward your program, with no more than 6 of those being earned in any given semester or session.

**IP 593 THESIS (0-V-6).** Students conduct empirical research in an area related to IPT and report the results in the form of a thesis.

**IP 595 READINGS AND CONFERENCE (Variable).** With the aid of a faculty sponsor, the student selects a cohesive set of readings, and then discusses them with the faculty member on an agreed-upon schedule throughout the semester. The planned reading list may be changed (with faculty approval) to respond to emphases and interests stimulated by initial reading. Students are expected to do at least 50 hours of reading, thinking, and conferring for each credit hour earned.

**IP 596 DIRECTED RESEARCH (Variable).** At the discretion of the student's advisor and under the direction of a faculty sponsor, the student performs research on any approved subject relating to IPT. (A faculty sponsor must be found prior to registration, and an agreement form must be signed by the faculty sponsor prior to registration for the course.) A combined total of 9 semester hours from either IP 591 or IP 596 may be applied toward your program, with no more than 6 of those being earned in any given semester or session.

**IP 597 SPECIAL TOPICS (3-0-3)(Variable).**

**IP 598 SEMINAR (Variable).**

## Master of Arts or Science in Interdisciplinary Studies

### Master of Arts or Science in Interdisciplinary Studies

College of Arts and Sciences  
Science/Nursing Building, Room 106  
Telephone 208 385-1415  
FAX 208 385-3006  
e-mail: dapple@bsu.idbsu.edu

**Director of Interdisciplinary Studies:** Michon Rozmajzl

### General Information

Boise State University offers a Master of Arts/Master of Science degree program in Interdisciplinary Studies. In consultation with faculty, students may combine courses from more than one college or more than one department to create an individualized program of educational experience. The program is designed for mature students who wish to continue education at the graduate level but do not seek specialized training in a major area. The program is not a substitute for the traditional master's degree; rather, it is intended for students with broader interests in several fields or those whose career goals do not match fully with a single, identifiable academic unit or department. Emphasis is placed on continued intellectual and cultural development in a constantly changing society where new intellectual and career interests may extend over several traditional specializations.

The Interdisciplinary Studies (IDS) Program is administered by the Graduate College, housed in the College of Arts and Sciences, and directly supervised by the Director of Interdisciplinary Studies who is Associate Dean of that College. A university-wide Interdisciplinary Studies Committee consisting of the Graduate Dean and one member from each academic College appointed by the respective Deans oversees the program. The Director of Interdisciplinary Studies serves as the chair of that committee. Each student in the program also has a graduate committee composed of three faculty members from the disciplines making up the student's interdisciplinary program. The student's graduate committee has the responsibility of helping the student select a particular program of study and recommends to the Interdisciplinary Studies Committee that it be accepted as the student's formal plan of study, thereby indicating that the members of the committee regard it as a viable program of graduate study. The Interdisciplinary Studies Committee is responsible for approving the members of the proposed graduate committee and for deciding whether to approve the student's plan of study.

### Application and Admission Requirements

A prospective student must first satisfy general admission requirements and complete the process for admission to the Graduate College, as described in the Graduate Admission Policies and Procedures section of the *BSU Graduate Catalog*. General admission to the Graduate College does not guarantee

admission to a graduate program in Interdisciplinary Studies. For admission to the MA or MS Program in Interdisciplinary Studies, a student must meet the following requirements:

1. A cumulative GPA in all prior college level work of at least 3.0 (though students who fall below this requirement but who have a cumulative GPA of at least 3.25 for the most recent 60 credit hours will also be considered).
2. Successful completion of the IDS Program's application process, which includes:
  - a. meeting with the IDS Program Director to discuss expectations and be advised as to the remainder of the application process.
  - b. submission of a completed Personal Data form.
  - c. selection of a graduate committee composed of 3 graduate faculty members, one of whom is to serve as committee chair and advisor.
  - d. submission of a degree plan and three-page written statement of justification which
    - states intellectual, professional, or vocational reasons for requesting entry into the program;
    - explains why traditional degree programs do not meet the applicant's needs; and
    - justifies the selection of courses in relation to the conception of the individualized program as a whole.
  - e. approval of the graduate committee and degree plan by the university-wide IDS Committee.

Although each applicant's prior academic record will be examined to determine whether there are compelling reasons for making an exception, normally the Interdisciplinary Studies Committee will not consider proposed Degree Plans from students who fail to meet requirement (1). Applicants who wish to submit additional supporting materials such as GRE scores, letters of recommendation, or a preliminary description of their proposed program of study may do so. Letters of recommendation and preliminary program descriptions should be sent directly to the Director of the IDS Program.

Applications to the IDS Program are considered only twice a year, in October and in March. Application materials as described above must be submitted by **October 1** for processing during the fall semester or by **March 1** for processing during the spring semester. **Applicants are strongly encouraged to submit completed IDS application materials by March 1st or October 1st of the semester prior to the semester of proposed entry into the program, so as to avoid commencing course work which may not be accepted as part of an approved degree plan.** The student's graduate committee and degree plan must be approved **before the completion of more than 6 credits toward the program.**

## Degree Requirements

### Master of Arts or Science in Interdisciplinary Studies

Each program is developed individually according to the student's interests and background but must be intellectually defensible and clearly interdisciplinary in nature. In addition to any Graduate College requirements not mentioned here, the requirements of the IDS Program are as follows:

1. Course work must be selected from a minimum of two academic areas.
2. No more than 6 credits of work completed prior to approval of the degree plan by the IDS Committee may be included in the program.
3. No more than 11 credits of 300G or 400G courses may be applied toward the program.
4. No more than 9 transfer credits may be included in the program.
5. No more than 9 credits of directed research (596) may be included in the program.
6. Courses may not be challenged for credit.
7. The degree will consist of a total of no less than 33 credits, of which no more than 16 credits may be earned in the College of Business. Students may select (with IDS Committee approval) from a thesis/project option or a written examination option. The thesis/project will carry 6 credits. Under either option, the student will be required to draw critically upon the two or more disciplines studied and to integrate disciplinary insights.
8. Students completing the thesis/project option will, upon completion of that option, meet with their 3-person graduate committee for a final review of the thesis or project.
9. Students completing the examination option will take a written examination prepared by their 3-person graduate committee, with whom they will subsequently meet for a review of results.
10. Minor revisions to the plan of study may be approved by the Director of Interdisciplinary Studies upon the recommendation of the student's graduate advisor; major changes must be approved by the university-wide IDS Committee.
11. All work toward the MA/MS degree in Interdisciplinary Studies must be completed within a period of seven years.

## Master of Music

Department of Music  
Morrison Center for the Performing Arts, Room C-100  
Telephone 208 385-1596  
FAX 208 385-3006  
<http://www.idbsu.edu>  
e-mail: [jbelfy@quartz.idbsu.edu](mailto:jbelfy@quartz.idbsu.edu)

**Graduate Program Coordinator:** Jeanne Belfy

**Department Chair:** James Cook

**Full Graduate Faculty:** Joe Baldassarre, John B. Baldwin, Jeanne M. Belfy, Lynn Berg, Marcellus Brown, David Mathie, Del Parkinson, Craig Purdy, Michon Rozmajzl, Michael Samball, Gerald H. Schroeder, George Thomason

**Associate Graduate Faculty:** J. Wallis Bratt, James Jirak, Ritchard Maynard, David Saunders

**Adjunct Graduate Faculty:** Elizabeth Gould

## General Information

The Master of Music is a professional degree in music with emphasis in either 1) music education 2) performance or 3) pedagogy. The emphasis in education is designed to meet the needs of music education specialists who work in the public school system, grades K-12, or who aspire to further graduate study and teaching in music education. Music education students take courses specifically related to research, current trends, history, and philosophy in music education and general education, as well as graduate courses in music theory and history. They are also required to progress in an applied area and participate in a music ensemble. Declaring an area of emphasis of either elementary, choral, or secondary instrumental, students structure elective credits to reflect their area, and conclude their studies with a culminating activity related to their emphasis.

Performance and pedagogy majors seek to improve their performance and studio teaching skills, possibly in preparation for a performance career, further graduate study, private studio teaching, and/or collegiate applied teaching. Their course work centers around applied study, music theory and history, and pedagogy and literature courses, and culminates in a graduate recital or other appropriate culminating project.

The Department of Music is housed in the Morrison Center for the Performing Arts, with state-of-the-art performance, rehearsal, and recording facilities, including a 2,000-seat concert hall and a 200-seat recital hall. Several Steinway pianos, including a 7' and a 9' grand, are the generous gifts of Mr. and Mrs. William K. Dunkley and Dunkley Music of Boise. The J.W. Cunningham Memorial Organ, a three-manual Austin organ of 46 ranks and 59 registers, is housed in the Hemingway Western Studies Center. The Department also owns a double-manual Flemish harpsichord and a Rodgers practice organ. A full-time faculty of twenty services an undergraduate program of about 200 music majors, and offers a full range of vocal and instrumental expertise, with the assistance of many professional adjunct instructors.

Master of Music

The Department offers three full graduate teaching and service assistantships, and a flexible number of additional assistantships are available through the Blue Thunder Marching Band program. A cooperative program for string students exists with the Boise Philharmonic Orchestra.

Application and Admission Requirements

Admission will be granted to applicants who hold a Bachelor's degree in music (BM, BA, or BS with a music major) from an accredited college or university, and who give promise of meeting the standards set by the Department of Music and the University. It is expected that students seeking Music Education Emphasis will meet basic undergraduate requirements for public school certification. Students seeking admission to the Performance or Pedagogy Emphases must perform a satisfactory audition, in person, before the performance faculty of his/her major performance area (keyboard, winds, strings, etc.). Audition details are available from the Department of Music.

Before a graduate student can be admitted to Regular Status, predictive examinations in music history and music theory (and also in music education for Music Education Emphasis students) must be completed. The purpose of predictive examinations is to determine the student's strengths and weaknesses so that an individual academic program can be formulated that will best serve the student's needs. Any course used to remove deficiencies does not count toward the degree. A student who has deficiencies will be granted Provisional Status in the graduate program. When deficiencies have been removed, the student may then seek Regular Status. A description of material covered on these examinations is available from the Department of Music.

Degree Requirements

Master of Music, Music Education		
Course Number and Title		Credits
<b>Graduation Requirements:</b> 36-39 credits minimum, stipulated below, are required for graduation. The actual number of credit hours may vary depending on the needs of individual students as determined by the results of predictive examinations. Candidates are required to establish an area of emphasis in one of the following: elementary, choral, or instrumental music education.		
1. Core Courses:		12
MU 503 Intro to Music Research .....	3	
MU 570 New Developments in Music Education ..	3	
MU 576 History & Philosophy of Music Education ..	3	
TE 570 Issues in Education .....	3	
2. Non-Music Education Courses:		12
Music Theory* .....	3	
Music History* .....	3	
Private Music Lessons (2 semesters minimum) ..	4	
Music Ensemble .....	2	

— continued —

Master of Music, Music Education	
3. Music Electives:	9
A. 6 credits in the student's area of emphasis: elementary general music, choral music, or instrumental music	
B. 3 credits additional approved electives in music	
C. No more than four (4) workshop elective credits, of which one may be a music conference credit, may be applied towards the degree.	
4. Comprehensive Examination:	
A written comprehensive examination in music must be completed prior to registration for the student's culminating activity. This exam will be tailored to each student's graduate course work.	
5. Oral Examination:	
If needed, an oral examination relating to the written comprehensive examination or to the culminating activity may be requested at the discretion of the candidate's Committee.	
6. Culminating Activity (3-6 credits from one of the choices listed below):	3-6
A. MA 544 Lecture-Recital .....	
B. MU 591 Project	
1) Culminating Paper .....	
2) Research in Selected Topics	
(20 questions: 4 areas) .....	
C. MU 593 Thesis .....	
*Total Music Theory and Music History credits earned may include but not be limited to Special Topics.	
Total	36-39

Master of Music, Performance	
Course Number and Title	Credits
<b>Graduation Requirements:</b> 32 credits minimum, stipulated below, are required for graduation. The actual number of credit hours may vary, depending on the needs of individual students as determined by the results of predictive examinations.	
Core Courses:	12
MU 503 Intro to Music Research .....	3
MU 557 Music Literature of Major Instrument .....	3
Music Theory Elective* .....	3
Music History Elective* .....	3
Performance Courses:	17
MU 563, 564 Pedagogy I, II, or additional Music History* and/or Music Theory* .....	6
Additional Graduate level music elective .....	3
MC 5_4 Private lessons on major instrument .....	8
(2 semesters minimum: private lessons must be taken each semester of residency)	
Performance Culminating Project:	3
MA 546 Graduate Solo Performance Recital	

— continued —



**Master of Music, Performance**

Performance Comprehensive Review: After successful completion of the culminating project, the student's committee will administer a written examination consisting of three questions, one from each committee member. The questions will cover areas of the student's recital or culminating project and course work taken toward the degree. After satisfactory completion of the written examination, the committee will meet with the student for an oral examination.	
*Total Music Theory and Music History credits earned may include but not be limited to Special Topics.	
<b>Total</b>	<b>32</b>

**Master of Music, Pedagogy**

Course Number and Title	Credits
<b>Graduation Requirements:</b> 31 credits minimum, stipulated below, are required for graduation. The actual number of credit hours may vary, depending on the needs of individual students as determined by the results of predictive examinations.	
Core Courses: MU 503 Intro to Music Research.....3 MU 557 Music Literature of Major Instrument.....3 Music Theory Elective* .....3 Music History Elective* .....3	12
Pedagogy Courses: MU 563, 564 Pedagogy I, II.....6 Additional Music History and/or Music Theory* .....3-6 MC 5_2 Private lessons on major instrument.....4 (2 semesters minimum: private lessons must be taken each semester of residency)	13-16
Pedagogy Option Culminating Project (A, B, or C) A) MA 546 Graduate Solo Performance Recital by special permission.....3 B) MA 544 Lecture/Recital.....3 C) MU 593 Thesis.....6	3-6
Pedagogy Comprehensive Review: After successful completion of the culminating project, the student's committee will administer a written examination consisting of three questions, one from each committee member. The questions will cover areas of the student's recital or culminating project and course work taken toward the degree. After satisfactory completion of the written examination, the committee will meet with the student for an oral examination.	
*Total Music Theory and Music History credits earned may include but not be limited to Special Topics.	
<b>Total</b>	<b>31</b>

**Course Offerings**

**MA MUSIC APPLIED - PERFORMANCE CLASSES, RECITALS**

**MA 544 LECTURE/RECITAL (0-V-3).** A full lecture/recital elected as the culminating project for the Master of Music degree, Music Education or Performance/Pedagogy emphasis major. The lecture is to demonstrate scholarly study on a selected topic and the recital is to present supportive musical examples. PREREQ: PERM/INST/ CHAIR. Graded Pass/Fail.

**MA 546 GRADUATE SOLO PERFORMANCE RECITAL (0-V-3).** A full recital to be presented as the culminating project for the Master of Music degree, Performance/ Pedagogy emphasis. PREREQ: PERM/INST/CHAIR. Graded Pass/Fail.

**MC MUSIC PRIVATE LESSONS PERFORMANCE STUDIES**

Students will be assigned on the basis of an audition. Performance, Technical Study, Musical Interpretation, Literature, and Teaching Technique will be stressed.

All 500 level MC courses are repeatable. See undergraduate Private Lesson Performance Studies course numbering system for explanation of course numbers.

**MC 501 (0-5-1), 502 (0-5-2), 504 (0-1-4).** Woodwind instruments private lessons.

**MC 511 (0-5-1), 512 (0-5-2), 514 (0-1-4).** Brass instruments private lessons.

**MC 521 (0-5-1), 522 (0-5-2), 524 (0-1-4).** Percussion instruments private lessons.

**MC 531 (0-5-1), 532 (0-5-2), 534 (0-1-4).** Voice private lessons.

**MC 541 (0-5-1), 542 (0-5-2), 544 (0-1-4).** Keyboard instruments private lessons.

**MC 551 (0-5-1), 552 (0-5-2), 554 (0-1-4).** Fretted string instruments private lessons.

**MC 561 (0-5-1), 562 (0-5-2), 564 (0-1-4).** Bowed string instruments private lessons.

**ME MUSIC ENSEMBLE**

**All ME courses may be repeated for credit.**

**ME 306G CHAMBER SINGERS (0-2-1)(F/S).** A select group limited to 15 singers, that will concentrate on choral literature in the madrigal style and on twentieth century choral selections. Open to all students, but final admission will be by audition and director selection. PREREQ: Audition and/or PERM/INST.

**ME 321G MARCHING BAND (0-V-1)(F).** Designed to promote participation in an repertoire knowledge of literature for marching bands, the marching band performs at all home and at least one away football game and occasionally at other university or civic events. Open to all students with the approval of the director. Graduate music students will be expected to assume leadership roles or will be assigned extra duties within the band and/or its organization.

**ME 350G ORCHESTRA (0-5-1)(F/S).** The Boise State University Orchestra is composed of students and experienced musicians and prepares several concerts each season from the standard repertoire. An elective for non-music majors. Graduate music students will be expected to assume leadership roles or will be assigned extra duties within the orchestra and/or its organization. Audition is required for new students.

**ME 510 CHORAL ENSEMBLE (0-2-1)(F/S).** Used for graduate participation in Meistersingers, University Singers, and Women's Chorale, by section number.

## Master of Music

**ME 515 OPERA THEATER (0-5-1).** Advanced study/experience in singing-acting technique and movement through performing in productions from the opera and/or musical theater repertoire. May be repeated for up to 4 credits maximum. PREREQ: PERM/INST.

**ME 520 INSTRUMENTAL ENSEMBLE (0-V-1) (F/S).** Used for concert band, percussion ensemble, keyboard ensemble, and whatever else needed, by section number.

### MU MUSIC, GENERAL

**MU 410G ADVANCED FORM AND ANALYSIS (2-0-2) (S).** Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. PREREQ: MU 223 or equivalent or PERM/INST.

**MU 423G SIXTEENTH-CENTURY COUNTERPOINT (3-0-3) (F).** Study of 16th-century compositional techniques. Compositions will be written in 2 to 4 voices, 5 species, C clefs and Latin texts. Analysis/listening of music of the period. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Odd numbered years.

**MU 424G COUNTERPOINT SINCE 1600 (3-0-3) (F).** Study and writing in contrapuntal styles from Baroque Period to present day. Invertible counterpoint, canon, fugue, invention, analysis of procedures in representative works. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Even numbered years.

**MU 454G SECONDARY GENERAL MUSIC METHODS (2-0-2) (S).** Methods and materials emphasizing the development of discriminating listening skills, expressive singing, reading and notating music, creating music, and understanding music's role in contemporary society. Offered alternate, odd-numbered years.

**MU 465G DICTION FOR SINGERS I (2-0-2) (F).** A course designed for signers, devoted to the understanding of the IPA (International Phonetic Alphabet) system and the learning of the rules of pronunciation in Italian, Latin and Spanish languages. Graduate students will additionally transcribe an entire song cycle or the songs of a proposed graduation recital. Strongly recommended for all voice majors. Odd numbered years. PREREQ: 1 year of private studio voice.

**MU 466G DICTION FOR SINGERS II (2-0-2) (S).** A continuation of MU 465 Diction for Singers I, with emphasis on German, French and English languages. Graduate students will additionally transcribe an entire song cycle or the songs of a proposed graduation recital. Strongly recommended for all voice majors. Even numbered years. PREREQ: MU 465 or PERM/INST.

**MU 468G PIANO TECHNIQUE (1-0-1) (F/S).** A systematic approach to piano technique involving scales, broken chords, arpeggios, double-notes: thirds, sixths and octaves. This class is designed to supplement the work assigned in the piano studio. Emphasis will be on the American, French and Slavic schools. The class is limited to twelve pianists, graduate and/or undergraduate, of intermediate and advanced levels. May be repeated once for credit. PREREQ: PERM/INST.

**MU 472G ADVANCED METHODS FOR ELEMENTARY MUSIC TEACHING (3-0-3) (F).** Primarily for music majors. Emphasis on methods and materials for individualized instruction, special education, related arts, and listening lessons, as well as a study of the major contributions made to music education from the fields of educational philosophy and psychology. Offered alternate, even-numbered years. PREREQ: MU 371 or MU 372.

**MU 501 HISTORY OF MUSIC IN THE UNITED STATES (3-0-3) (F/S).** Designed for either the non-specialist or specialist in music, this

course will survey the role which music has played in the development of American culture. Vernacular and art music, as well as social and historical interrelationships with music will be examined and discussed.

**MU 503 INTRODUCTION TO MUSIC RESEARCH (3-0-3) (F/S).** This course will provide an introduction to the basic research literature pertinent to the student's major area of emphasis; an interpretation of research findings; and the means to develop skills and techniques needed for the writing of an extended research paper, thesis and/or dissertation, articles for publication and book/performance reviews.

**MU 505 SEMINAR IN CHORAL MUSIC: PERFORMANCE PRACTICES AND STYLES (3-0-3) (F/S).** An historical, generic survey of the repertoire in choral literature. Emphasis will be placed on facets of interpretation through a study of representative compositions from the standpoint of performance practice, analytic techniques, and the reading of primary sources of pertinent information.

**MU 506 SEMINAR IN INSTRUMENTAL MUSIC: PERFORMANCE PRACTICES AND STYLES (3-0-3) (F/S).** Analysis and study of works from the Baroque through the present era. Particular attention will be paid to performance practices of ornamentation, style, tempo, scoring, dynamics, etc. Band transcriptions also included.

**MU 511 20th-CENTURY MUSICAL STUDIES (3-0-3) (F/S).** A study of 20th-century compositional techniques and performance practices through analysis, discussion of aesthetics, listening, performance, and creative writing. Contemporary techniques (and their notation), such as quartal harmonies, serialization, improvisation, electronic music, microtones, and multi-media will be explored, and their application to the secondary school music classroom will be discussed.

**MU 512 ELECTRONIC MUSIC APPLICATIONS (3-0-3) (F/S).** A historical overview of electronic music and music technology. Hands-on experience with digital and analog synthesizers, effects processors, sampling, tape decks, computers and related software, and MIDI. Emphasis will be placed on the application of fundamental techniques of electronic music to creative composition.

**MU 551 SEMINAR IN MEDIEVAL THROUGH BAROQUE PERFORMANCE PRACTICES (3-0-3) (F/S).** The study of music literature in Western Europe from the late Middle Ages through the Baroque period through the historical survey of performance practices and their practical application.

**MU 552 SEMINAR IN MODERN MUSIC: FORM AND STYLE (1750-1980) (3-0-3) (F/S).** The study of art music in the Western World from 1750 through the present, with emphasis on selected masterworks, including score analysis, performance practice, textual background and historical context.

**MU 557 MAJOR INSTRUMENT LITERATURE (3-0-3) (F/S).** Advanced survey of the major instrument literature. The student will prepare a research paper on several typical or important works in the repertoire.

**MU 561 ADVANCED CONDUCTING (3-0-3) (F/S).** Designed for secondary music teachers, this course provides opportunity to discover and analyze technical conducting problems, both instrumental and choral, in music of the various historical eras, which forms a significant part of the secondary school repertoire.

**MU 563 MAJOR INSTRUMENT PEDAGOGY I (3-0-3) (F).** An advanced and in-depth investigation of pedagogical techniques, materials and principles used in the private teaching studio. Readings in the philosophy of teaching will be included.

**MU 564 MAJOR INSTRUMENT PEDAGOGY II (3-0-3)(S).**

Development of lesson plans and supervised studio teaching in both private and group settings. Recommended preparation: MU 563.

**MU 570 NEW DEVELOPMENTS IN MUSIC EDUCATION (3-0-3)**

**(F/S).** Designed to acquaint the music specialist with recent ideas in music education, including major trends in curriculum, new methodology, music in integrated courses, and reports of major conferences and symposia.

**MU 571 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING MUSIC IN THE ELEMENTARY SCHOOL (3-0-3)**

**(F/S).** Designed for the general classroom teacher or music specialist, the course deals with old and new approaches to teaching music in the classroom, teaching materials, current research on problem singers, creative musical activities, and the development of music reading skills. PREREQ: MU 371 or PERM/INST.

**MU 572 LISTENING AND SINGING EXPERIENCES FOR THE ELEMENTARY SCHOOL (3-0-3)(F/S).**

Designed for the general classroom teacher or music specialist, the course deals with the study of singing and listening materials relevant to classroom music, K-6. Sequential curriculum plans will be developed for singing and listening experiences. PREREQ: MU 371 or PERM/INST.

**MU 573 ADVANCED METHODS AND TECHNIQUES FOR THE INSTRUMENTAL INSTRUCTOR (3-0-3)(F/S).**

A study of causes and solutions for problems occurring in the instrumental rehearsal. Areas to be covered include instrumental methods and techniques, organization and repertoire planning.

**MU 574 ADVANCED METHODS AND TECHNIQUES FOR THE CHORAL INSTRUCTOR (3-0-3)(F/S).**

A study of causes and solutions for problems occurring in the choral rehearsal. Areas to be covered include vocal methods and techniques, organization and repertoire planning.

**MU 575 ADMINISTRATION OF SCHOOL MUSIC (3-0-3)(F/S).** A seminar in problems of music supervision and administration covering areas such as budget, scheduling, curriculum, personnel and philosophy.

**MU 576 HISTORY AND PHILOSOPHY OF MUSIC EDUCATION (3-0-3) (F/S).** Includes both an introduction to the history of music education in the United States, from colonial New England to the present; and alternate views about the philosophy of music, including aesthetic experience, aesthetic education, and the nature and meaning of music.

**MU 591 PROJECT (0-V-3).** Details for the culminating project can be found in requirements for Master's degree in secondary education, music emphasis.

**MU 593 THESIS (0-V-6).** A scholarly paper embodying results of original research which are used to substantiate a specific view.

**MU 596 DIRECTED RESEARCH**

## Master of Public Administration

Public Affairs Program

Public Affairs and Art West Building, Room 127

Telephone 208 385-1476

FAX 208 385-4370

<http://www.idbsu.edu/pubaff/index.html>

e-mail: [bmeyer@sspafac.idbsu.edu](mailto:bmeyer@sspafac.idbsu.edu)

**Director of Public Affairs Program:** James B. Weatherby

**Full Graduate Faculty:** Les Alm, John Freemuth,

Richard Kinney, Janet Mills, Gary Moncrief, W. David Patton,

James Weatherby, Stephanie Witt

**Associate Graduate Faculty:** Daniel Levin, Tim Wilkinson

**Adjunct Graduate Faculty:** Richard Burns,

Daniel Chadwick, Kenneth McClure

## General Information

**Public Administration Education:** The master's degree in public administration (MPA), under the administration of the Public Affairs Program, provides an important academic nucleus of the University's designated area of emphasis in public affairs. As the urban university in Idaho, located in the capital city, BSU has been given the mandate to provide educational opportunities related to public affairs education. The Public Affairs Program offers the master's degree in public administration to help fulfill that mandate. It is the only MPA accredited by the National Association of Schools of Public Affairs and Administration in Idaho and one of only six in the six states surrounding Idaho.

The MPA is designed to prepare pre-service students and in-service professionals for positions of leadership in public service. Administrators and other staff members in all levels of government, non-profit organizations and private sector governmental affairs departments take advantage of the general administrative and policy analysis curriculum offered in the MPA. The Program provides the theoretical and practical dimensions of public management necessary to assist students seeking public service careers. The MPA has three concentrations: (1) Environmental and Natural Resource Policy and Administration, (2) General Public Administration and (3) State and Local Government Policy and Administration.

Based upon its lead role in public policy, the Master of Public Administration plays an important role in the administration and delivery of courses in the Master of Health Policy.

### Public Administration Applied Research and Service.

Also in keeping with the University's role and mission in public affairs, the Public Affairs Program is involved in a number of important training and applied research activities that have major statewide impact. In addition to a number of specialized projects funded by grants and contracts, the Program annually sponsors the *Local Government Training Institute* for county officials throughout the state. The Institute is cosponsored with the Idaho Association of Counties and is held jointly with the Associated Taxpayers of Idaho's Annual Conference in election years. The *Mountain West Municipal Clerks and Treasurers*

# Master of Public Administration

Institute annually attracts city officials from Idaho, Oregon, and Nevada and is officially recognized by both the International Institute of Municipal Clerks and the Municipal Treasurers Association of the United States and Canada.

The program, in cooperation with the city and county associations, also produces handbooks that are widely used by officials throughout the state: the *Idaho Municipal Sourcebook* and the *Handbook for Elected County Officials*.

Program faculty are also key participants in the *Idaho Universities Policy Research Group* which is a consortium of university professors from the University of Idaho, Idaho State University, and Boise State University, who have collaborated on a number of public finance projects over the past three years.

## Application and Admission Requirements

Students interested in the MPA program must first submit a graduate application to the Graduate Admissions Office. If approved, the applicant receives a certificate of admission to enroll in courses at BSU. This certificate is a **PREREQUISITE** to admission into the MPA program, but does not by itself guarantee admission into the MPA program. (The student is advised to consult the General Policies section of this catalog for more detail on admission to the Graduate College.)

Applicants admitted to the Graduate College who wish to apply to the MPA program must meet the following requirements prior to enrollment in MPA courses:

1. Meet with an advisor in the Public Affairs Program to discuss the admission process, the applicant's career interests, and reasons for seeking admission to the MPA program.
2. Possess a baccalaureate degree from an accredited institution.
3. Demonstrate satisfactory academic competency by attaining an overall GPA of at least 3.0 and a minimum combined score of 1000 on the Graduate Record Examination (GRE) verbal and quantitative sections.
4. Submit official transcripts from all previous academic institutions to the Graduate Admissions Office.
5. Submit three letters of reference, in which the applicant's academic potential is evaluated, to the Public Affairs Program Director, Boise State University, 1910 University Drive, Boise, ID 83725.
6. Submit the MPA Data Form, and a formal statement of at least 500 words explaining the applicant's educational and career objectives.
7. Complete the following academic prerequisites (through academic course work or approved equivalent experience):
  - A. American National Government (3 semester credits).
  - B. State and Local Government (3 semester credits).

Applicants who do not meet all of the above requirements MAY be recommended by the MPA Admissions Committee for admission with provisional graduate status. However, these students must satisfy all of the conditions of their provisional status before they will be recommended for regular graduate status.

## Degree Requirements

Master of Public Administration	
Course Number and Title	Credits
MPA students must successfully complete at least 36 semester credit hours of approved MPA course work. Some students may also be required to complete the public service internship, which is explained below. Eighteen semester credit hours are core courses. The eighteen additional semester credit hours are in the student's area of emphasis.	
<b>Course Selection:</b> Selection of courses is to be made in consultation with the student's academic advisor.	
<b>Core Requirements:</b> Each MPA student is required to complete 18 semester credit hours of approved MPA course work in the following core courses. The core courses emphasize the knowledge and skills necessary to be effective in public service management and leadership. Each class includes an exploration of student values and public service ethics. <ul style="list-style-type: none"> <li>PA 500 Administration in the Public Sector.....3</li> <li>PA 501 Public Policy Process.....3</li> <li>PA 502 Organizational Theory.....3</li> <li>PA 503 Research Methods in Public Administration.....3</li> <li>PA 504 Public Budgeting and Financial Administration.....3</li> <li>PA 505 Public Personnel Administration.....3</li> </ul>	18
<b>Area of Emphasis Requirements:</b> An area of emphasis is a concentration or major in the program. Each MPA student is to complete 12 semester credit hours in one of the three areas of emphasis. <ol style="list-style-type: none"> <li>1. <b>General Public Administration:</b> This area of emphasis is provided to accommodate those students desiring preparation in public administration as a "generalist," rather than a "specialist" in a particular area. Students should select the 12 credit hours of course work from the MPA courses listed in this catalog or offered as Selected or Special Topics.</li> <li>2. <b>Environmental and Natural Resource Policy and Administration:</b> <ul style="list-style-type: none"> <li>PA 540 Natural Resource Policy and Administration.....3</li> <li>PA 541 Environmental and Regulatory Policy and Administration.....3</li> <li>PA 542 Energy Politics.....3</li> <li>PA 543 Public Land Policy and Administration.....3</li> </ul> </li> </ol>	12

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<b>Master of Public Administration (continued)</b>	
<b>3. State and Local Government Policy and Administration:</b> All students in this area of emphasis take the following course: PA 560 State and Local Government Policy and Administration .....3 Nine credits chosen from the following courses or approved Selected Topics: PA 520 Community and Regional Planning.....3 PA 521 Intergovernmental Relations.....3 PA 541 Environmental Politics or PA 540 Natural Resource Policy .....3 PA 550 The Executive and the Administrative Process .....3 Selected Topics courses will be offered to supplement area of emphasis requirements.	
<b>Electives:</b> Students must complete 6 elective semester credit hours in addition to their area of emphasis and core requirements. These credits may be taken as coursework or as a research project (PA-591) which relates to their area of emphasis.	6
<b>Total</b>	<b>36</b>
<b>Transfer of Graduate Courses:</b> Because of a co-operative agreement made with Idaho State University and the University of Idaho, the MPA credits earned at those institutions can, with approval, be accepted into the Boise State University program. Transfer of credit from all other institutions is limited to nine (9) semester credits.	
<b>Public Service Internship:</b> Those MPA students without significant administrative experience in a public sector or other public affairs agency are to complete a public service internship. The internship is served in a government office at the local, state or national level or in an appropriate public affairs organization, such as a private, nonprofit agency. <b>The credits received for the internship are in addition to the 36 semester credit hours from the core area and area of emphasis.</b> The internship component comprises six (6) semester credit hours. The internship is meant to be a meaningful experience for both the MPA student and the organization in which the internship is served. Through the internship, students can further enhance their preparation for administrative work. At the same time, they are expected to make a valuable contribution to their assigned organizations. Therefore, the internship is usually served when the student is near completion of the MPA Program.	6

emphasis on political, legal, economic and social institutions and processes.

**PA 501 PUBLIC POLICY PROCESS (3-0-3) (F/S).** Process of policy-making both within an agency and within the total governmental process, emphasizing policy and program planning, policy implementation and the value system of administrators.

**PA 502 ORGANIZATIONAL THEORY (3-0-3) (F/S).** Theories of organization behavior and management, with special attention given to public sector organizations. Issues and problems related to the non-profit sector will also be addressed.

**PA 503 RESEARCH METHODS IN PUBLIC ADMINISTRATION (3-0-3) (F/S).** An introduction to quantitative and qualitative data analysis with an emphasis on using descriptive and inferential statistics as tools in both public policy analysis and public program analysis. The use of quantitative analysis to support management decision making is examined. Computers, especially microcomputers, will be used in the analysis of quantitative data.

**PA 504 PUBLIC BUDGETING AND FINANCIAL ADMINISTRATION (3-0-3) (F/S).** Determination of fiscal policy, budgeting processes, and governmental forms of budgeting. Consideration of fiscal policy and processes in various program areas. Emphasis on the interface between technical and political processes.

**PA 505 PUBLIC PERSONNEL ADMINISTRATION (3-0-3) (F/S).** An examination of the personnel/human resource management role as it has evolved in the public sector. The multiple responsibilities of personnel managers in the public sector will be examined, and the link between public policy and personnel management will be identified.

**PA 511 DECISION TECHNIQUES FOR PUBLIC ADMINISTRATORS (3-0-3) (F/S).** Methods for operations research and management science are used to analyze decisions as well as to plan and monitor program implementation. The usefulness of these methods in public sector and other public affairs organizations is considered.

**PA 520 COMMUNITY AND REGIONAL PLANNING (3-0-3) (F/S).** A study of the theories, objectives, techniques, and problems of governmental planning within cities, metropolitan areas, and regions, as well as at the national level of government in the United States. A discussion of the planning profession and the politics of planning.

**PA 521 INTERGOVERNMENTAL RELATIONS (3-0-3) (F/S).** Interunit cooperation and conflict in the American federal system, including national-state-local, and interlocal relations.

**PA 530 ADMINISTRATIVE LAW AND REGULATION (3-0-3) (F/S).** Sources of power and duties of administrative agencies, rules and regulations made by agencies through investigation and hearings, judicial decisions and precedents relating to administrative activities.

**PA 531 LABOR RELATIONS IN THE PUBLIC SECTOR (3-0-3) (F/S).** A case study of the trends and development of the legal context of labor-management relations in the public sector, including collective bargaining relationships, management rights and responsibilities, political and civil rights of public employees, and alternative modes of dispute resolution. Collective bargaining and grievance exercises will be conducted.

**PA 540 NATURAL RESOURCE POLICY AND ADMINISTRATION (3-0-3) (F/S).** Examines the major issues, actors, and policies in the area of natural resources. Topics include: land and water management and use, the natural resource policy environment, the roles and behaviors of natural resource agencies, and alternative natural resource policy futures.

## Course Offerings

### PA PUBLIC ADMINISTRATION

**PA 500 ADMINISTRATION IN THE PUBLIC SECTOR (3-0-3) (F/S).** Designed to introduce students to the broad field of public administration at the graduate level. The course surveys a number of important issues in contemporary public administration, including an

## Master of Public Administration

**PA 541 ENVIRONMENTAL AND REGULATORY POLICY AND ADMINISTRATION (3-0-3) (F/S).** Examines aspects of environmental regulatory politics and policy. Topics examined include the politics of regulation, pollution and waste policy, and intergovernmental environmental management.

**PA 542 ENERGY POLITICS (3-0-3) (F/S).** Topics to be discussed in this energy policy related course include: alternative energy policies, energy and environmental protection, and the politics of the formulation of a national energy policy.

**PA 543 PUBLIC LAND POLICY AND ADMINISTRATION (3-0-3) (F/S).** Examines the major issues, actors, and policies affecting the public lands of the United States. Special attention to the processes, institutions, and organizations which influence how public land policy is made.

**PA 550 THE EXECUTIVE AND THE ADMINISTRATIVE PROCESS (3-0-3) (F/S).** This course covers the powers and responsibilities of elected and appointed executives in the public sector. Concepts examined in the class include leadership and management, executive roles, management theories and styles, relationships with the separate branches of government and other actors in the political environment. The unique position of the executive between politics and administration and the relevant activities in policy formation through implementation form the basis of discussion.

**PA 560 STATE AND LOCAL GOVERNMENT ADMINISTRATION (3-0-3) (F/S).** This course examines state and local government administration in a political and organizational context and the role of state and local governments in policy administration within the U.S. federal system.

**PA 570 PUBLIC MANAGEMENT SKILLS AND TECHNIQUES (3-0-3) (F/S).** This course addresses such knowledge and skills for managers and leaders in public organizations as: personal assessment; leading and managing others; aspects of self and others which underlie behavior; managing stress and time; decision making; public participation; working with elected and appointed public officials; working with the media; solving problems; communicating supportively and assertively; appropriately using power and influence; understanding motivational processes; managing conflicts; empowering and delegating; and building teams.

**PA 571 ETHICS IN THE PUBLIC SECTOR (3-0-3) (F/S).** Examination of ethical dilemmas facing civil servants and elected officials utilizing case studies, current ethics statutes, and approaches in the public administration literature to the subject.

**SELECTED TOPICS (Variable).** To be offered as staff availability permits:

**PA 580 ADMINISTRATIVE THEORY AND PRACTICE**

**PA 581 NATURAL RESOURCE & ENVIRONMENTAL POLICY**

**PA 582 PUBLIC POLICY AND POLICY ANALYSIS**

**PA 583 PUBLIC MANAGEMENT SKILLS AND TECHNIQUES**

**PA 584 STATE AND LOCAL GOVERNMENT POLICY AND ADMINISTRATION**

**PA 585 INTERGOVERNMENTAL RELATIONS**

**PA 586 COMMUNITY AND REGIONAL PLANNING**

**PA 590 PUBLIC SERVICE INTERNSHIP (variable credit).**

Arranged as field experience for those students with no prior experience in governmental or other organizational assignments. Such internships will be established and arrangements made for placement through the MPA Internship Director.

**PA 591 PROJECT (1-6 credits).** A special project undertaken by the MPA student as advanced tutorial study in a specialized area according to the needs and interests of the student. Course embodies research,

discussions of the subject matter and procedures with a designated professor and a documental paper covering the subject of the independent study.

**PA 595 READING AND CONFERENCE (1-2 credits).** Directed reading on selected materials in public administration and discussion of these materials, as arranged and approved through major advisor.

**PA 597 SPECIAL TOPICS (1-3 credits).** These courses are offered occasionally. Examples of Special Topics courses offered include Lobbying, Grant Writing, the Budgeting Process in Idaho, Idaho Legislative Process, Public Speaking, and Media Relations.

**PA 599 CONFERENCE OR WORKSHOP (1 credit).** Conferences or workshops covering various topics in public administration may be offered on an irregularly scheduled basis, according to student interest and staff availability. No more than 3 credits provided through conferences or workshops can be applied toward the MPA.

## Master of Science in Raptor Biology

Department of Biology  
Science/Nursing Building, Room 209  
Telephone 208 385-3329  
FAX 208 385-3006  
<http://www.idbsu.edu/biology/biohome.htm>  
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**Associate Department Chair and Graduate Program Coordinator:** Marc J. Bechard

**Raptor Research Center Director:** Mark Fuller

**Full Graduate Faculty:** Charles Baker, Marc Bechard, James Belthoff, Russell Centanni, Alfred Dufty, Dorothy Douglas, Eugene Fuller, James Long, Richard McCloskey, James Munger, Steven Novak, Russell Ott, Robert Rychert, James Smith, Marcia Wicklow-Howard

**Adjunct Graduate Faculty:** Jonathan Bart, William Burnham, Tom Cade (Emeritus), Susan Earnst, Mark Fuller, Lloyd Kiff, Steven Knick, Michael Kochert, Carl Marti, Jr., Rosemary Mazaika, Hugh McIsaac, Wayne Melquist, Rex Sallabanks, Karen Steenhof, Richard Watson, David Whitacre, Clayton White, Rick Williams

## General Information

The Master of Science degree program in Raptor Biology is designed for students, holding or expecting a bachelor degree in one of the disciplines of the biological sciences, to enhance their knowledge and understanding of raptor biology and ecology.

## Admission Requirements

1. Submit a graduate application along with the \$20.00 matriculation fee to the Graduate Admissions Office. Please submit the application *PRIOR* to submitting any additional items.
2. Have the Registrar(s) of *ALL* post-secondary institutions attended send official transcripts.

# Master of Science in Raptor Biology

3. Submit three letters of recommendation.
4. Have Graduate Record Exam scores forwarded.

Your graduate application, matriculation fee, transcripts, and GRE scores are to be sent directly to the Graduate Admissions Office, Boise State University, 1910 University Drive, Boise, ID 83725. In addition, each applicant should send a cover letter discussing their professional goals and reasons for wishing to study raptor biology, directly to the Biology Graduate Program Coordinator, Department of Biology, Boise State University, 1910 University Drive, Boise ID 83725.

REGULAR STATUS may be granted to those students who submit the above materials if they have maintained a 2.75 GPA over the last two years of undergraduate study and average a 50 percentile in verbal, quantitative, and analytical portions of the GRE.

PROVISIONAL STATUS may be granted to those applicants who do not meet the requirements for regular status or who may be required to complete additional requirements as determined by the Biology Department.

Students may apply for admission at any time; however, applications must be completed by March 1 (for Fall Semester admission) in order to be considered for assistantships. Other forms of financial aid, such as loans or the College Work Study Program, are available to graduate students. Prospective students should contact the Financial Aid Office and consult the BSU catalog. Enrollment in the program is limited.

Once accepted, the student and the student's major professor (thesis advisor) select two additional faculty to comprise the student's thesis committee. This committee reviews the student's program and thesis. The committee also determines if there are any specific academic deficiencies that the student must meet in addition to the M.S. degree requirements.

## Degree Requirements

Master of Science in Raptor Biology	
Course Number and Title	Credits
A minimum of 30 credits are required. Two credits of graduate seminar (B 598 and six credits of thesis (B 593) are required as part of the minimum 30 credits. The final copy of the thesis must be approved by the student's thesis committee and submitted to the Dean of the Graduate College at least three weeks before commencement.	
B 598 Graduate Seminar	2
B 593 Thesis By the end of the eighth week of the second semester in which the student is enrolled, an outline of the proposed research project must be submitted to the committee members. A budget must be included as part of the research proposal. During the second semester, the student must present a seminar on the proposed research which may consist of a literature review, current research, or progress on the research project.	6

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## Master of Science in Raptor Biology (continued)

Choose courses from the following for a minimum of 22 credits:	22
B 401G Organic Evolution .....	3
B 412G General Parasitology .....	3
B 415G Applied and Environmental Microbiology .....	4
B 420G Immunology .....	3
B 423G Ecology .....	4
B 501 Biometry .....	4
B 502 Population and Community Ecology .....	3
B 506 Raptor Ecology .....	3
B 596 Directed Research (1-9) (6 credits maximum in a semester) .....	1-9
BT 330G Mycology .....	4
Z 305G Entomology .....	4
Z 341G Ornithology .....	3
Z 409G General & Comparative Physiology .....	4
Z 421G Mammalogy .....	3
Special Topics Courses	
<b>Total</b>	<b>30</b>

In addition, approved upper division and graduate courses at Idaho State University and/or the University of Idaho may serve as part of the graduate program at the determination of the student's thesis committee.

## Course Offerings

### B BIOLOGY

**B 310G PATHOGENIC BACTERIOLOGY (2-6-4)(S).** Medically important bacteria, rickettsia, and chlamydia are surveyed with emphasis on their pathogenicity, host-parasite relationships, and the clinical and diagnostic aspects of the diseases they produce in humans and animals. Offered odd-numbered years. PREREQ: B 205 or B 303 or PERM/INST.

**B 323G ECOLOGY (3-3-4)(F/S).** A study of how physical and biological factors determine the abundance and distribution of plants and animals. Concepts at the physiological population, community, and ecosystems level will be discussed. Field and laboratory exercises will investigate questions concerning habitat, populations and communities. Weekend field trips may be taken. PREREQ: BT 130 and Z 130 or PERM/INST.

**B 401G ORGANIC EVOLUTION (3-0-3)(S).** Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, specialization, phylogeny. Genetics recommended. Offered odd numbered years. PREREQ: B 301 or PERM/INST.

**B 412G GENERAL PARASITOLOGY (2-3-3)(S).** Animal parasites with emphasis on those of man and his domestic animals. Lectures cover general biology, life history, structure, function, distribution, and significance of parasites. Laboratory provides experience in identification and detection. PREREQ: B 301, PERM/INST.

**B 415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S).** Microbial populations and processes in soil and water. Water and food-borne pathogens. Microbiological and biochemical methods of environmental assessment. PREREQ: B 303, PERM/INST.

**B 420G IMMUNOLOGY (3-0-3)(S).** A survey of the principles of immunology, host defense systems, the immune response, immune



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disorders, serology and other related topics. Representative laboratory procedures will be demonstrated. PREREQ: B 303, PERM/INST.

**B 423G ECOLOGY (3-3-4)(F/S).** A survey of the physical factors of the environment and their effect on the mode on life and distribution of plants and animals. Environmental and biological interrelationships of organisms will be discussed. Field and laboratory investigation into topics of physical habitat, populations, communities, pollution, etc. Weekend field trips may be taken. PREREQ: BT 130, Z 230, PERM/INST.

**B 445G HUMAN GENETICS (3-0-3)(S).** Discussion of important aspects of human heredity. Topics include the reproductive system, single gene disorders, chromosome abnormalities, hemoglobinopathies inborn errors of metabolism, somatic cell and molecular genetics, immunogenetics, gene screening, and human variation and evolution. PREREQ: B 343 or PERM/INST.

**B 501 BIOMETRY (4-0-4)(F).** An application of statistical methods to problems in the biological sciences. Basic concepts of hypothesis testing; estimation and confidence intervals; t-tests and chi-square tests. Linear and nonlinear regression theory and analysis of variance. Techniques in multivariate and nonparametric statistics. PREREQ: M 111 or equivalent, or PERM/INST.

**B 502 POPULATION AND COMMUNITY ECOLOGY (3-0-3)(F).** The structure of populations and communities. Competition, predation, life history strategies, demography, population regulation, and species diversity are examined from experimental and theoretical perspectives. PREREQ: B 423 or equivalent, or PERM/INST.

**B 503 ADVANCED BIOMETRY (3-3-4)(S).** A survey of experimental design and selected multivariate techniques. The course is designed to assist students in selecting proper statistical techniques for gathering and analyzing biological data, and correctly interpreting the statistical analysis of their data. Prior experience with Statistical Analysis System (SAS) is helpful. Offered even-numbered years. PREREQ: B 501 or PERM/INST.

**B 506 RAPTOR ECOLOGY (3-0-3)(S).** Theoretical ecology as applied to birds of prey. Strategies of reproduction, habitat selection, foraging and spacing; theory of competition and predator-prey interactions; niche theory and community structure; raptor management. PREREQ: B 423 or equivalent, or PERM/INST.

**B 517 SPECIES AND SPECIATION (3-0-3)(F).** Species definitions are fundamental for all investigations in the biological sciences. This course will investigate the numerous species concepts proposed over the last 100 years with an emphasis on primary literature. Concepts to be discussed will include biological, phylogenetic, genealogical, and evolutionary species concepts. The second part of the course will emphasize the processes involved in speciation, looking at both micro- and macroevolutionary events. Offered odd-numbered years. PREREQ: B 401-401G (or equivalent) or PERM/INST.

**B 527 STREAM ECOLOGY (3-3-4)(F).** The biology and ecology of flowing waters is emphasized; their biota, management, and ecology at both the community and ecosystem level will be discussed. Offered odd-numbered years. PREREQ: B 323 or B 323G or PERM/INST.

**B 528 GEOGRAPHIC INFORMATION SYSTEMS IN BIOLOGY (3-0-3)(S).** Discussion of the use of Geographic Information Systems to apply spatial data to ecological problems. Analysis of the ways that spatial relations affect patterns, processes, and decision making at multiple scales. Specific topics covered include GAP analysis, habitat modeling, spatially-explicit population modeling, landscape ecology, home range analysis, interpretation of satellite imagery, and natural resource issues. PREREQ: Graduate standing or PERM/INST.

**B 529 MODERN METHODS IN ECOLOGY AND BEHAVIOR (2-3-3)(S).** Instruction in the theory, practice, and analysis of modern methods used in ecological and evolutionary studies will be provided. Methods to be covered include: cytology, isozyme electrophoresis, DNA restriction site analysis, DNA sequencing, and RAPD analysis. Offered odd-numbered years. PREREQ: PERM/INST.

**B 533 BEHAVIORAL ECOLOGY (3-0-3)(F).** This course focuses on the evolutionary significance of animal behavior in relation to the ecology of the organisms. Using theoretical background and recent empirical evidence, mating systems, foraging, parental care, selfishness and altruism, competition, territoriality, and other behavioral patterns will be assessed in relation to the survival and reproduction of animals. PREREQ: B 323 or B 323G or PERM/INST.

## BT BOTANY

**BT 302G PLANT ANATOMY (3-3-4)(F).** A study of the structure and development of vascular plant tissues, regions, and organs. Emphasis will be placed on the Angiosperms. PREREQ: BT 130 and B 301 or PERM/INST.

**BT 305G SYSTEMATIC BOTANY (2-6-4)(S).** Fundamental problems of taxonomy. Discussion of historical developments of classification systems and comparison of recent systems. Instruction on the use of keys and manuals. PREREQ: BT130 or PERM/INST.

**BT 311G PLANT MORPHOLOGY (3-3-4)(F).** A comparative study of the structure, function, reproduction, and development of major plant groups. Phylogeny, paleobotany, and economic importance of various plant groups will be considered. PREREQ: BT 130 or PERM/INST.

**BT 330G MYCOLOGY (3-3-4)(F).** A study of the biology of fungi with emphasis on their classification, morphology and development, identification, ecology, and economic significance. Laboratory work will include projects and field trips. PREREQ: BT 130, PERM/INST.

**BT 401G PLANT PHYSIOLOGY (3-3-4)(F).** Emphasis placed on physical and chemical processes of plant body functions. Includes coverage of cell, tissue, and organ function; mineral requirements, metabolism, water uptake, photosynthesis; soil chemistry, and the alkaloids and glucosides synthesized by plants. BT 302 and PH 101, 102 recommended. Offered odd numbered years, PREREQ: BT 310, C 317, PERM/INST.

**BT 524 PLANT COMMUNITY ECOLOGY (3-3-4)(F).** A study of the properties, structure, method of analysis, classification, and dynamic nature of plant communities. Topics for discussion will include the strengths and weaknesses of various sampling techniques, the role of disturbance events and succession on community structure, and the role of biological interaction as factors influencing the assembly of communities. Laboratory work will emphasize vegetation sampling methods and habitat type classification for plant communities in this region as well as methods of analyzing and reporting this data. PREREQ: B 323 or B 323G or PERM/INST.

## Z ZOOLOGY

**Z 301G COMPARATIVE VERTEBRATE ANATOMY (2-6-4)(F).** The evolutionary development of vertebrate anatomy, fishes through mammals. Dissection of the shark, salamander, cat plus demonstrations of other vertebrate types. PREREQ: Z 230 or PERM/INST.

**Z 305G ENTOMOLOGY (2-6-4)(F).** Biology of insects with emphasis on identification and life cycles for students who have completed one year of college level biology. Laboratory includes field trips to collect and identify local species. Insect collection required. Students should meet with instructor the spring or summer before enrolling. PREREQ: PERM/INST.

# Master of Arts in School Counseling

Department of Counseling  
Education Building, Room 609  
Telephone 208 385-1209  
FAX 208 385-4365  
e-mail: mmiller@bsu.idbsu.edu

**Graduate Program Coordinator:** Margaret Miller

**Department Chair:** Jim Nicholson

**Full Graduate Faculty:** Rich Downs, Margaret Miller, Anne Marie Nelson, Jim Nicholson

**Associate Graduate Faculty:** Bobbie A. Birdsall

**Adjunct Graduate Faculty:** Kenneth M. Coll, Mary L. Ensley, Brenda Freeman, Jim Schmidt, Tim Furness, Susan Reuling Furness, Barry Watts

## General Information

The Master of Arts in School Counseling prepares individuals in education and related careers to become professional counselors at the elementary, middle, and secondary school levels. Accrediting agencies which will govern the program are (1) the Council for Accreditation of Counseling and Related Educational Programs (CACREP), (2) National Council for the Accreditation of Teacher Education (NCATE), and (3) the Northwest Association for Schools and Colleges (NWASC). The Program is designed to meet or exceed Idaho Department of Education qualifications for certification in school counseling and the State Board of Occupational Licenses' criteria for licensure as a professional counselor.

Course work is offered in sequence during evenings and weekends of fall and spring semesters with students generally enrolling in six credits each semester and enrolling in ten to thirteen credits offered in the daytime during the summer sessions.

## Application and Admission Requirements

In addition to meeting the admission requirements of the Graduate College, the student must apply for admission to and be accepted by the Counseling Program faculty. Enrollment is limited with a new cohort beginning the Program each fall.

Submit in one packet, to the Counseling Department Admissions Committee (call Department for specific late winter deadline):

- A letter of application describing your professional experiences relevant to a school counseling program, career goals, and reasons for your interest in the program. Also include in the letter your visions about the role of the school counselor in the public schools and the contributions you would hope to make as a counselor;
- Up-to-date resume;
- Copies of complete transcripts;

**Z 341G ORNITHOLOGY (2-3-3)(S).** Birds as examples of biological principles: classification, identification, ecology, behavior, life histories, distribution, and adaptations of birds. Two weekend field trips. Offered odd numbered years. PREREQ: Z 230, PERM/INST.

**Z 351G VERTEBRATE EMBRYOLOGY (2-6-4)(S).** Germ cell development comparative patterns of cleavage and gastrulation, neurulation and induction, and development of human organ systems. Laboratory studies of frog, chick, and pig development. PREREQ: Z 230 or PERM/INST.

**Z 355G VERTEBRATE NATURAL HISTORY (2-6-4)(F).** Classification, identification, evolution, ecological relationships, behavior, and life histories of fish, amphibians, reptiles, birds, and mammals. Two weekend field trips. PREREQ: Z 230 or PERM/INST.

**Z400G VERTEBRATE HISTOLOGY (2-6-4)(F).** Microscopic anatomy of cell, tissues, and organ systems of vertebrates. Major emphasis will be on mammalian systems. Z 301 or Z 351 is recommended prior to enrollment. PREREQ: Z 230 or PERM/INST.

**Z401G HUMAN PHYSIOLOGY (3-3-4)(S).** Functional aspects of human tissues and organ systems with emphasis on regulatory and homeostatic mechanisms. PREREQ: One year of college biology and C 317 or PERM/INST.

**Z 421G MAMMALOGY (2-3-3)(S).** Mammals as examples of biological principles: classification, identification, distribution, ecology, life histories, and adaptations of mammals. Two weekend field trips. Offered even numbered years. PREREQ: Z 355, PERM/INST.

**Z 509G GENERAL AND COMPARATIVE PHYSIOLOGY (3-3-4)(S).** Physiological principles common to all forms of animal life are discussed. Physiological adaptations required to live in a variety of environments are presented. PREREQ: Z 230, C 317, PERM/INST.

**Z 515 AVIAN PHYSIOLOGY (3-0-3)(F).** The physiology of flight, cardiovascular, pulmonary, digestive, water and electrolyte, egg, and reproductive physiology are covered. Correlations between unique aspects of avian structure and function are emphasized. Offered odd-numbered years. PREREQ: Graduate standing or PERM/INST.

**Z 534 ANIMAL BEHAVIOR (3-3-4)(S).** This course focuses on the concepts and processes of animal behavior, with particular emphasis on proximate perspectives. The history of the study of animal behavior, behavioral genetics, the nervous system and behavior, hormones and behavior, ontogeny of behavior, learning and motivation, and other aspects of behavior such as migration, orientation, and navigation will be presented. Offered odd-numbered years. PREREQ: B 323 or B 323G or PERM/INST.

**Z 535 BEHAVIORAL ENDOCRINOLOGY (3-0-3)(S).** An examination of the endocrine system and the hormonal mechanisms associated with social behavior and aggression, reproductive and parental behavior, biological rhythms, etc. Each student is expected to investigate and lead a discussion on an assigned topic. Offered even-numbered years. PREREQ: Animal Physiology or PERM/INST.

**SPECIAL TOPICS.** Courses are offered in response to student interest and are in addition to formal courses listed above.

# Master of Arts in School Counseling

- Three current, sealed letters of reference supporting your qualifications for a school counseling program and for graduate work.

Attendance at a pre-admission interview is required. When attendance is an extreme hardship for the applicant, special arrangements may be made (such as a conference telephone interview with faculty or alternate site interview).

## Degree Requirements

The Master of Arts in School Counseling degree consists of a minimum of sixty (60) semester hours of course work designed to prepare professionals to counsel with youth in school settings. Courses promote the acquisition of the knowledge and skill development in the eight core areas listed in CACREP Standards: Human Growth and Development, Social and Cultural Foundations, Helping Relationships, Group Counseling, Lifestyle and Career Development, Appraisal, Research and Evaluation, and Professional Orientation. While many of the classes and experiences are built into the Program support core areas, specific course work in each of the eight components is listed below. Electives are designed to maximize flexibility while reflecting current training trends in school counseling.

Master of Arts in School Counseling	
Course Number and Title	Credits
Human Growth and Development	7
CD 511 Lifespan Development and Family Systems .....	3
CD 524 Interventions .....	2
CD 530 Managing Developmental School Programs .....	2
Social and Cultural Foundations	8
CD 508 Ethics and Legal Issues in Counseling ...	3
CD 509 Culturally Aware Counseling .....	3
CD 522 Counseling for Special Needs.....	2
Helping Relationships	8
CD 502 Counseling Theories .....	3
CD 505 Counseling Skills I .....	3
CD 506 Counseling Skills II .....	2
Group Counseling	3
CD 503 Group Experience Lab .....	0
CD 513 Group Counseling .....	3
Lifestyle and Career Development	3
CD 507 Career Development and Vocational Counseling .....	3
Appraisal	3
CD 504 Measurement & Evaluation in School Counseling .....	3
Research and Evaluation	3
CD 512 Statistics and Research Design .....	3

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## Master of Arts in School Counseling (continued)

Professional Orientation	5
CD 501 Foundations in Counseling .....	3
CD 519 Elementary School Counseling .....	2
or	
CD 520 Secondary School Counseling .....	2
or	
CD 529 Middle School Counseling .....	2
Practica	4
CD 514 Counseling Practicum I .....	2
CD 516 Counseling Practicum II .....	2
Internships	8
CD 526 Internship in Counseling I .....	4
CD 528 Internship in Counseling II .....	4
Electives	8
<b>Total</b>	<b>60</b>

Students incorporate theory and knowledge into an increasingly advanced application of skills throughout the program—fine tuning an individualized counseling approach through audio and video taped interviews in Counseling Center labs, participation in counseling practica using one-way mirrors, and supervised experience in the Counseling Center's community and student outreach clinic. The student's culminating activity includes videotaped evidence of skill and theory integration supported by a comprehensive portfolio demonstrating professional growth and counseling knowledge with culturally appropriate awareness. Each student works closely with a Program Advisor and a Supervisory Committee in preparing the portfolio and during the practica and advanced practica/internship activities. Students have considerable latitude in selecting internship sites to maximize their experience in line with specific career goals with at least half of the 700-hour internship experience occurring in a school setting. During one semester of the Program each student counselor is expected to participate in personal individual or group counseling sessions with a counselor not involved in Program instruction.

## SUGGESTED PROGRAM SEQUENCE

See the course descriptions for prerequisites.

Fall: Year 1 .....	6 credits
CD 501 Foundations in Counseling (3)	
CD 502 Counseling Theories (3)	
CD 503 Group Counseling Laboratory (0)	
Spring: Year 1 .....	6-9 credits
CD 504 Measure & Evaluation in School Counseling (3)	
CD 505 Counseling Skills I (3)	
Electives (2-3)	
Summer: Year 1 .....	10 credits
CD 506 Counseling Skills II (2)	
CD 509 Culturally Aware Counseling (3)	
CD 511 Lifespan Development and Family Systems (3)	
CD 530 Managing Developmental School Programs (2)	
Total: Year 1 .....	22-25 credits

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Fall: Year 2.....	5-8 credits
CD 512 Statistics and Research Design (3)	
CD 514 Counseling Practicum I (2)	
Electives (2-3)	
Spring: Year 2.....	2-8 credits
CD 516 Counseling Practicum II (2)	
Electives (2-6)	
Summer: Year 2.....	11 credits
CD 507 Career Development and Vocational Counseling (3)	
CD 508 Ethics and Legal Issues in Counseling (3)	
CD 513 Group Counseling (3)	
CD 522 Counseling for Special Needs (2)	
Total: Year 2.....	18-27 credits
Fall: Year 3.....	4-10 credits
CD 526 Internship in Counseling I (4)	
Electives (2-6)	
Spring: Year 3.....	6 credits
CD 524 Interventions (2)	
CD 528 Internship in Counseling II (4)	
Total: Year 3.....	10-16 credits

**Program Minimum for Graduation .....60 credits**

## Course Offerings

### CD COUNSELING

**CD 501 FOUNDATIONS IN COUNSELING (3-0-3)(F).** Provides an introduction to professional, ethical, legal, theoretical, cultural, social, and practical aspects of counseling. Students examine the roles and responsibilities of counselors; professional organizations and associations; and professional preparation standards. Historical, cultural, and social contexts along with emerging professional issues and directions are included. PREREQ: Admission to the Counseling Program.

**CD 502 COUNSELING THEORIES (3-0-3)(F).** Students examine historical and contemporary theories of counseling including an overview of counseling process and practice related to major approaches. As a culminating activity each student will develop an individualized perspective toward counseling. PREREQ: Admission to the Counseling Program.

**CD 503 GROUP EXPERIENCE LAB (0-1-0)(F).** Students will become participants in group experiences that will provide opportunities for team building, personal growth, increased self-awareness as counselors-in-training, and increased awareness of the group process itself. Initial experience is scheduled during the student's first semester with the follow-up scheduled during the second semester. PREREQ: Admission to the Counseling Program.

**CD 504 MEASUREMENT AND EVALUATION IN SCHOOL COUNSELING (3-0-3)(S).** The theory and practice of standardized test development and testing procedures, applications and limitations of standardized tests, and techniques of administering and interpreting group tests. PREREQ: Admission to the Counseling Program.

**CD 505 COUNSELING SKILLS I (1-2-3)(S).** Students will examine basic skills and characteristics involved in becoming effective counselors; will articulate, practice and demonstrate basic mastery of these skills and characteristics; will develop a systematic approach to the counseling process; and will assess personal strengths and limitations related to becoming professional counselors. PREREQ: CD 501 and CD 502.

**CD 506 COUNSELING SKILLS II (1-1-2)(SU).** Students focus on advanced skills and concepts of effective counseling, and will articulate, practice, and demonstrate mastery of these skills and concepts. PREREQ: CD 505.

**CD 507 CAREER DEVELOPMENT AND VOCATIONAL COUNSELING (3-0-3)(S/SU).** Provides an overview of the major career development theories, vocational guidance and occupational/educational information sources and systems. Career development program planning, resources, and evaluation will be included. Emphasis will be placed on how career counseling and vocational guidance are practiced by the school counselor. PREREQ: Admission to the Counseling Program or Masters in Counseling.

**CD 508 ETHICS AND LEGAL ISSUES IN COUNSELING (3-0-3)(F/SU).** Students will examine the ethical, legal, and professional issues involved in counseling. Situations will be analyzed by participants and relevant questions will be explored in terms of the ethical standards of the ACA and APA under which counselors and therapists work. PREREQ: Admission to Counseling Program or Masters in Counseling.

**CD 509 CULTURALLY AWARE COUNSELING (3-0-3)(S/SU).** Students participate in an examination of the impact of cultural diversity among races, ethnic groups, genders, and social classes on personality, value systems and the counseling relationship with an understanding of societal changes and trends; human roles in societal subgroups; social mores and interactional patterns; and differing lifestyles with special attention to the influence of cultural and social change on family relationships, gender equity, and individual adjustment. Students examine their own attitudes, behaviors, perceptions, and biases and are encouraged to develop their own culturally aware approach to teaching, counseling, or administration. PREREQ: CD 506 or Masters in Counseling.

**CD 510 ADDICTIONS COUNSELING (3-0-3)(S).** This course provides an orientation to assessment, causes and intervention strategies relevant to addictive patterns of behavior. Habit disorders covered will include substance abuse, eating problems, and other compulsive patterns. Students will design a model of intervention relevant to their applied setting. Also offered as H549. PREREQ: CD 505 or Masters in Counseling.

**CD 511 LIFESPAN DEVELOPMENT AND FAMILY SYSTEMS (2-2-3)(SU).** Students examine theoretical constructs related to the developmental process and examine developmentally based behavior patterns across the age spectrum with emphasis on family structure, climate, and interactions. Opportunities are presented for student participation in parenting skills classes and family systems work. PREREQ: CD 505.

**CD 512 STATISTICS AND RESEARCH DESIGN (2-2-3)(F).** Fundamentals of research and statistics in analyzing counseling and educational data. Emphasis on the review and interpretation of research literature, particularly in the areas of child development and psychotherapy, techniques used with exceptionality, as well as marital and family therapy. PREREQ: CD 501 and CD 504.

**CD 513 GROUP COUNSELING (2-2-3)(SU).** Students will focus on the concepts and skills necessary to understand and lead counseling groups in schools and other settings. PREREQ: Completion of CD 516 with grade of at least "B".

**CD 514 COUNSELING PRACTICUM I (1-2-2)(F).** Students participate in closely supervised counseling experiences through modeling, peer counseling, audio and/or video taping. PREREQ: Completion of CD 506 with grade of at least "B".

**CD 516 COUNSELING PRACTICUM II (1-2-2)(S).** Participation in supervised counseling experiences in a counseling practicum with

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increasing emphasis in student's area of specialization or interests. PREREQ: Completion of CD 514 with a grade of at least "B".

**CD 518 ADVANCED COUNSELING PRACTICUM/INTERNSHIP (1-4-3) (F,S,SU).** Students participate in supervised counseling experiences in BSU's Counseling and Testing Center. Maximum and minimum enrollment is five students. PREREQ: Prior approval by Instructor and Department Chair (See Center for application process.).

**CD 519 ELEMENTARY SCHOOL COUNSELING (2-0-2) (F).** Provides an overview of elementary school counseling. Students will explore the evolving roles and responsibilities of elementary school counselors including curriculum development, parent and teacher consultation, and parent education. Emphasis will be placed on the organization and implementation of the "Idaho Comprehensive Guidance and Counseling Model" while observing in an elementary school setting. Studies will include small group counseling, classroom presentation, and child counseling skills. PREREQ: CD 506 and CD 530 or Masters in Counseling.

**CD 520 SECONDARY SCHOOL COUNSELING (2-0-2) (S).** Students explore the evolving roles and responsibilities of high school counselors including curriculum development, parent and teacher consultation, parent education, job/school partnerships, and developmental lifespan planning. Emphasis is on the organization and implementation of the "Idaho Comprehensive Guidance and Counseling Model" while observing in a secondary school setting. PREREQ: CD 506 and CD 530 or Masters in Counseling.

**CD 521 OUTREACH AND PREVENTION (1-2-2) (SU).** Students will develop a theoretical model for outreach and prevention in counseling. They will process a wide range of intervention/program strategies to promote human development and will design a psychoeducational program appropriate to their setting. PREREQ: CD 505 or Masters in Counseling.

**CD 522 COUNSELING FOR SPECIAL NEEDS (2-0-2) (SU).** Students will explore techniques and interventions for dealing with clients with special needs. Particular attention will be given to addressing the functional limitations of clients with a wide variety of challenges and disabilities; examining strategies for effectively ameliorating client limitations; creating goals for increasing client responsibility and independence in daily living. PREREQ: CD 504 and CD 509 or Masters in Counseling.

**CD 523 REFERRAL AND NETWORKING (1-0-1) (SU).** The crisis/short-term intervention orientation necessitates an awareness of resources within the school and community that will be addressed along with an overview of the referral process. Development of a professional support network will also be emphasized. PREREQ: CD 506 or Masters in Counseling.

**CD 524 INTERVENTIONS (2-0-2) (S).** Students examine problem solving and action oriented strategies designed to promote change within a time-limited framework with course emphasis on effective and appropriate intervention strategies, emergency procedures, ethical and legal considerations, documentation, referral, and follow-up. PREREQ: CD 506 or Masters in Counseling.

**CD 525 CONSULTATION (1-2-2) (S).** Develop knowledge and skills in consulting with individuals, groups, and systems. Practices and procedures in consultation will be reviewed and students will demonstrate relevant skills in both simulated and internship-based situations. PREREQ: Completion of all requirements through year two in the Counseling Program or Masters in Counseling.

**CD 526 INTERNSHIP IN COUNSELING I (1-6-4) (F).** Students apply their skills, training, and knowledge with increasing autonomy as primary supervision shifts toward an onsite counseling supervisor. Students are observed and evaluated as they engage in a wide range of counseling-related activities. Pass/fail credit. PREREQ: Completion of CD 516 with grade of at least "B".

**CD 527 APPLIED RESEARCH (1-2-2) (F).** Methods and evaluation of counseling and educational research with the emphasis on individual exploration of a possible thesis or research project in cooperation with student's advisor or director of the study. PREREQ: CD 512 or similar graduate statistics course.

**CD 528 INTERNSHIP IN COUNSELING II (1-6-4) (S).** In this culminating component of the internship sequence, the student assumes all the functions of a counselor in his or her selected setting while continuing under site based and university supervision, providing the full range of counseling sources from crisis intervention/remediation to the promotion of personal development and environmental enhancement. Pass/fail credit. PREREQ: CD 526, Recommendations of Supervisory Committee and CD 526 Supervisor.

**CD 529 MIDDLE SCHOOL COUNSELING (2-0-2) (F).** Students explore the evolving roles and responsibilities of middle school/junior high school counselors including curriculum development, parent and teacher consultation, and parent education. The unique needs, stresses, and developmental concerns of this age group are included with emphasis on the organization and implementation of the "Idaho Comprehensive Guidance and Counseling Model" and observing in a middle and/or junior high school setting. PREREQ: CD 506 and CD 530 or Masters in Counseling.

**CD 530 MANAGING DEVELOPMENTAL SCHOOL PROGRAMS (2-0-2) (SU).** Students examine program theory in educational settings to create, implement, manage, evaluate, and promote comprehensive counseling and vocational guidance curricula for all students. This course provides the framework for CD 519, CD 520, and CD 529 and emphasizes the "Idaho Comprehensive Guidance and Counseling Model." PREREQ: CD 505 or Masters in Counseling.

**CD 531 COUNSELING PRACTICUM INTENSIVE (1-4-3) (F/S).** A supervised skill review and experientially intensive practicum that may be required of a student needing additional time on skill development before advancing to Internship. PREREQ: Permission of Department Chair and faculty.

**CD 532 COUNSELING INTERNSHIP INTENSIVE (1-4-3) (F/S).** A supervised skill review and experientially intensive internship that may be required of a student needing additional time on skill development before enrolling in CD 528 Counseling Internship II. PREREQ: Permission of Department Chair and faculty.

# Master of Social Work

School of Social Work  
Education Building, Room 716  
Telephone 208 385-1568  
FAX 208 385-4291  
e-mail: rmcmill@bsu.idbsu.edu

**Graduate Program Coordinator:** Martha Wilson  
**Director, School of Social Work:** Juanita Hepler  
**Full Graduate Faculty:** Daniel Harkness, Juanita Hepler, Marie Hoff, Daniel Huff, Martha Wilson  
**Associate Graduate Faculty:** Gretchen Cotrell, J. E. Gonzalez, Douglas Yunker  
**Adjunct Graduate Faculty:** James Knapp

## General Information

The MSW is a two-year full-time graduate program designed to prepare students for direct practice with individuals, families and groups. Students learn clinical, organizational, policy, and administrative skills necessary for promoting social justice and equality, and enhancing the quality of life for all people. The program provides a broad and in-depth knowledge base in order to prepare students for professional practice in a wide array of settings.

## Application and Admission Requirements

Applications for this program are processed the preceding March and May. Criteria for admission into the MSW program:

1. Completion of the *BSU Graduate Admissions Application* (deadlines February 14 or April 18) and *The School of Social Work Application* (deadlines March 2 or May 1) for admission as a graduate student.
2. Completion of the Graduate Record Examination (GRE) within five years preceding the application. The verbal and quantitative sections of the GRE test will be reviewed.
3. A bachelor's degree from an accredited college or university with a distribution of liberal arts courses (70 quarter credits or 46 semester credits) and a minimum of 10 quarter credits or 6 semester credits in each of the general distribution areas: humanities, social sciences, and natural sciences/mathematics. Applicants must also have completed a human biology course and a statistics or research course with a minimum letter grade of "C".



4. An overall undergraduate grade point average (GPA) of 2.75 or higher and a GPA of 3.0 or higher for the junior and senior years of undergraduate study.

Note: Applicants may not receive academic credit for work experience in the field.

The Master of Social Work Program has one concentration: Direct practice with families and children. Students in the two year program must complete a total of 61 credits including 18 credits in Field Practicum. Students in the Advanced Standing program complete 37 credits with 12 hours in the Field Practicum.

Note: Students may receive certification to practice school social work in the State of Idaho by completing SW 597 School Social Work in addition to all other requirements for the Master of Social Work degree.

Master of Social Work Two Year Program		
Course Number and Title	Credits	
<b>YEAR ONE</b>		
<b>Fall Semester</b>		
SW 502 History and Philosophy of Social Welfare ...3	15	
SW 503 General Methods I: Small Systems (Micro).....3		
SW 504 Social Work Practice Skills .....2		
SW 512 Human Development Through the Life Cycle .....3		
SW 514 Ethnicity, Gender and Class .....1		
SW 530 Research/Statistics I .....3		
Total Credits		
<b>Spring Semester</b>		
SW 505 Social Policy Analysis .....3	15	
SW 515 General Methods II:Larger Systems (Macro).....3		
SW 521 Social Dimensions of Human Behavior ....3		
SW 570 Field Practicum .....6		
Total Credits		
<b>YEAR TWO</b>		
<b>Fall Semester</b>		
SW 506 Family and Children, Policy and Legislation.....3	15	
SW 532 Research II: Evaluation .....3		
SW 550 Advanced Interventions-Comparative Theories .....3		
SW 575 Advanced Practicum .....6		
Total Credits		
<b>Spring Semester</b>		
SW 525 Advanced Clinical Practice with Families and Children .....3	16	
SW 526 Emotional Disorders .....3		
SW 576 Advanced Practicum II .....6		
*2 Electives - 2 Credits Each.....4		
Total Credits		
<b>Total Two Year Program</b>		<b>61</b>

— continued —

# Master of Social Work

## Master of Social Work, Two Year Program (continued)

### \*SPECIALIZATION ELECTIVES-

Selected Topics .....2 credits each  
(Elective options will vary from year to year, and may include these or other pertinent issues.)

Violence in the Family	School Social Work
Substance Abuse	Women's Issues
Social Work with People of Color	Aids Issues
Social Work with the Elderly	Family Therapy
Social Work Supervision	Health Issues
Grant Writing/Administration	Group Therapy
Rural Social Work	

Note: Curriculum Guidelines established by the National Council on Social Work Education are available in the School of Social Work office.

## Master of Social Work Advanced Standing

Course Number and Title	Credits
Applicants who are graduates of a CSWE accredited baccalaureate program in Social Work may request admission to the advanced program. The advanced standing option is an eleven-month program beginning in July of each year. Students will complete SW 514, SW 521, and SW 530 in summer school and enter the second year of the two-year program the following fall. Applications for this program are processed the preceding March. Criteria for admission for Advanced Standing Study in the MSW program are: <ol style="list-style-type: none"> <li>1. Graduation from a CSWE Accredited Baccalaureate Social Work Program.</li> <li>2. Minimum GPA of 3.0 in social work courses from an accredited undergraduate program. Students with an individual social work course with a grade less than C will be required to complete additional equivalent content.</li> <li>3. This degree must have been completed within five years of the applicant's planned entry into Boise State University's MSW program OR within seven years if the applicant has substantial paid social work experience.</li> <li>4. All other requirements equivalent to regular admissions.</li> </ol> <p>Note: Applicants may not receive academic credit for work experience in the field.</p>	
<b>Total Advanced Standing</b>	<b>37</b>

## Course Offerings

### SW SOCIAL WORK

#### SW 502 HISTORY AND PHILOSOPHY OF SOCIAL WORK

(3-0-3)(F). The major purpose of this course is to place the profession of Social Work within historical context, in order that students aspiring to the profession may appreciate the scope and depth of its historical

development. The course of the development of the social welfare institution and the Social Work profession in the United States will be explored. This exploration will emphasize social welfare problems and solutions since 1945. This course will also examine the impact of ethnicity, skin color, gender, class, physical disability, and other physical and social characteristics of persons on their socioeconomic and political statuses and their use of social welfare and social work.

#### SW 503 GENERAL METHODS I: SMALL SYSTEMS (MICRO)

(3-0-3)(F). This course will focus on the development of interpersonal skills associated with the provision of human services to individuals, families and small groups. The major emphasis is on the development of skills utilized in the helping interview such as listening, interpretation of non-verbal language, and the use of empathy and positive regard. In addition, students will learn more complex interviewing techniques including assessment, selecting and defining goals, and evaluation of outcome, along with the examination of various types of problems and issues often encountered in practice settings. COREQ: SW 504.

#### SW 504 SOCIAL WORK PRACTICE SKILLS (2-0-2)(F). This

experiential course is designed to provide students with the opportunity to practice basic interviewing skills. Both roleplays and videotaping are used as a basic format for learning. Extensive supervision and feedback from the instructor are important components of this class. Advanced interviewing skills including assessment, using the ABC model, the selection and defining of client goals, and evaluation of outcome are also covered in this class. COREQ: SW 503.

#### SW 505 SOCIAL POLICY ANALYSIS (3-0-3)(S). This course

critically examines contemporary social welfare policies in a value-analytic framework, and in the context of the United States political economy. Emphasis is placed on values of equity, adequacy and universality of access to basic social and economic securities. Students will learn how policy relates to social work practice with individuals, families and communities. Skills include identification and evaluation of policy problems, including their empirical and value-dimensions, and skills in policy advocacy with legislators and with the general public.

#### SW 506 FAMILY AND CHILDREN, POLICY AND LEGISLATION

(3-0-3)(F). This advanced policy course is designed to give students the knowledge and skills to analyze, design and advocate for social welfare policy and programs with a specific focus on policies and programs which affect families and children. The course examines various theoretical approaches to articulating family policy, as well as current policy issues on legislation. Emphasis is placed on the examination of research on family needs, and the critique of cultural values and ideological orientations which undergird policy preferences. Skills in developing policy proposals are taught. PREREQ: SW 505.

#### SW 512 HUMAN DEVELOPMENT THROUGH THE LIFE CYCLE

(3-0-3)(F). Theories of human development, life stage, and subordinate group oppression will be the focus of this course. In particular, psychodynamic and cognitive humanist theories will be examined, as well as current theories of the psychologies of women and people of color. The interrelationships of sociohistorical, sociocultural, socioeconomic, interpersonal, and psychological influences on human development will be explored, with an emphasis on factors of gender, affectional orientation, ethnicity, race, and class.

#### SW 514 ETHNICITY, GENDER AND CLASS (1-0-1)(F,SU). This

experiential course in a small group format is designed to provide a positive environment for students' exploration of their attitudes toward human diversity. The major objective is that students will increase their knowledge and awareness of the experiences of people of oppressed



groups, in relation to historical prejudice and discrimination. Students will gain insight in sociohistorical and familial roots of their own biases and increase their ability to sensitively work with individuals and groups who are subjected to oppression, based on race ethnicity, gender, affectional orientation, class, and other stigmatizing characteristics.

**SW 515 GENERAL METHODS II: LARGER SYSTEMS (MACRO) (3-0-3)(S).** This course develops knowledge and skills for social work practice in organizations and communities. It focuses on social change toward the goal of social justice in the structure and functioning of social institutions. Skills include working with task-oriented groups, community networking and coalition-building for political advocacy and for social service program planning, needs assessment and methods to foster community participation in community development and social action.

**SW 521 SOCIAL DIMENSIONS OF HUMAN BEHAVIOR (3-0-3)(S,SU).** This course will explore the impact of social systems on human behavior, in terms of sociopolitical and sociocultural forces. As such, the behavior of individuals, families, groups, organizations, and communities will be examined from an ecological systems perspective. Particular emphasis will be given to the effects of prejudice and discrimination on individuals and groups, based on their particular race, ethnicity, gender, affectional orientation, class, or other stigmatizing characteristics. PREREQ: SW 512.

**SW 525 ADVANCED CLINICAL PRACTICE WITH FAMILIES AND CHILDREN (3-0-3)(S).** The primary focus of this course is the understanding of children from a developmental prospective within the context of the family and the expanding social environment. In addition to developmental theory, psychodynamic, behavioral, cognitive and systems models will be examined. Diagnostic and developmental understanding will include consideration of healthy as well as unhealthy responses. Treatment techniques, including play therapy, will be discussed, and students will be encouraged to contribute case material for illustration of course content. The course will also examine cultural and ethnic variations, as well as social and policy issues within the broader scope of the community, state and national interests. The continual integration of practice, policy, and research will be stressed.

**SW 526 EMOTIONAL DISORDERS (3-0-3)(S).** An overview of emotional disorders, from a biopsychosocial perspective, will be presented in the course in order to prepare students to understand, recognize, and diagnose dysfunctional aspects of individual human behavior. Biological, psychogenic, and psychophysiologic bases of emotional disorders will be explored, as well as other major areas of disturbance of dysfunction. Students will learn to use the current DSM manual in psychiatric diagnosis, with a critical awareness of areas of possible cultural bias and other complexities of the diagnostic process.

**SW 530 RESEARCH/STATISTICS I (3-0-3)(F,SU).** This course provides an overview of research design including sampling and variable measurement. The major emphasis is on basic statistical methods. Descriptive methods, probability distributions, and inferential statistics including hypothesis testing are covered. Students learn statistical techniques associated with group comparisons using nominal, ordinal, and interval data. In addition, the course covers measures of association or methods to describe the relationship between variables including Chi-Square, Kendall's tau, gamma, regression, and correlation, and ANOVA. PREREQ: Undergraduate Research and Statistics.

**SW 532 RESEARCH II: EVALUATION (3-0-3)(F).** Research II builds on the knowledge, skills, and values learned in Research I. Students learn the methods and techniques used in social work

evaluation research with individuals, families and small groups. A major purpose of the course is to prepare students to participate in research and utilize outcome evaluation of practice in their agency settings. The critical role of outcome evaluation for the profession is emphasized. Students learn the scientific principles of research including conceptualization, operationalization of concepts, measurement, sampling, and analysis of data as they relate to evaluation of outcome. Methods of observation including single subject and group designs are covered. Students are required to complete an evaluation of outcome project including analysis of data utilizing statistical packages such as SPSS or SASS. PREREQ: SW 530.

**SW 550 ADVANCED INTERVENTIONS - COMPARATIVE THEORIES (3-0-3)(F).** In this course, we examine theoretical frameworks used in social work practice to bring about change with individuals, families, and groups. The development of a broad knowledge base including several theoretical models, an awareness of the empirical evidence supporting these models and the ability to select the most appropriate model for particular clients are the major focus of this course. PREREQ: SW 503 and SW 504.

**SW 570 FIELD WORK (0-20-6)(S).** This internship provides students with a supervised social work practice experience in a community social service agency. It includes experiential learning in foundation social work practice skills as well as opportunities to work with diverse populations. The internship requires 20 clock hours per week in the agency setting. Students are expected to abide by The Code of Ethics of the National Association of Social Workers in their practice with clients and agencies. Grade Policy: Students receive a Pass/Fail in the internship. PREREQ: SW 503.

**SW 575 ADVANCED SOCIAL WORK PRACTICUM I (0-20-6)(F).** This internship provides students with a supervised social work practice experience in a community social service agency. It includes experiential learning in advanced social work practice skills in a specialized setting. Experience with client groups will reflect racial, ethnic, cultural and gender diversity. The internship requires 20 clock hours per week in the agency setting. Students are expected to abide by The Code of Ethics of the National Association of Social Workers in their practice with clients and agencies. Grade Policy: Students receive a Pass/Fail in the internship. PREREQ: SW 503.

**SW 576 ADVANCED SOCIAL WORK PRACTICUM II (0-20-6)(S).** This internship provides students with a continued supervised social work practice experience in a community social service agency. It includes experiential learning in advanced social work practice skills in a specialized setting. Experience with client groups will reflect racial, ethnic, cultural and gender diversity. The internship requires 20 clock hours per week in the agency setting. Students are expected to abide by The Code of Ethics of the National Association of Social Workers in their practice with clients and agencies. Grade Policy: Students receive a Pass/Fail in the internship. PREREQ: SW 503.

## SW 580 SELECTED TOPICS

**SW 580 SOCIAL WORK WITH PEOPLE OF COLOR.**

**SW 581 VIOLENCE IN THE FAMILY.**

**SW 582 SOCIAL WORK WITH THE ELDERLY.**

**SW 583 ALCOHOLISM AND SUBSTANCE ABUSE.**

**SW 584 SOCIAL WORK PRACTICE WITH HISPANIC POPULATIONS.**

**SW 585 ADVANCED SOCIAL WORK PRACTICE IN ORGANIZATION AND COMMUNITIES.**

**SW 586 GROUP THERAPY.**

**SW 587 SOCIAL WORK SUPERVISION.**

## Master of Arts in Technical Communication

### Master of Arts in Technical Communication

Department of English  
Liberal Arts Building, Room 208  
Telephone 208 385-3088 or 385-1246  
FAX 208 385-4373  
<http://www.idbsu.edu/techcomm/index.html>  
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**Director of Technical Communication:** Mike Markel

**Department Chair:** Chaman Sahni

**Full Graduate Faculty:** Bruce Ballenger, John Battalio, Jon Dayley, Michael Hassett, Richard Leahy, Mike Markel, Mary Ellen Ryder, Karen Uehling, Driek Zirinsky

**Adjunct Graduate Faculty:** Kevin Wilson

### General Information

Technical communication is a humanistic discipline in which people create, shape, and communicate technical information so that other people can use it safely, effectively, and efficiently. Although most of the courses in the program involve high-technology tools, the core of technical communication is clear written and oral communication. Fundamental in our approach to technical communication is ethics: the writer's understanding that the people who read and use the information must be treated with dignity, as ends rather than merely means. Also fundamental is the writer's awareness that technical communication can affect various constituencies—from co-workers to customers to the general public—and even the environment itself.

Against this backdrop of clear, ethical communication, our students learn the theory of technical communication, drawing on such disciplines as reading and writing theory, linguistics, cognitive psychology, sociology, and gender studies. Then students progress through courses in writing, editing, and ethics. A course in visual rhetoric and information design prepares students for subsequent courses in print and on-screen production. Finally, students take a course in oral communication skills, for technical communicators speak and listen far more than they write. Students will also complete a 3-credit internship. In addition, there are a number of elective courses.

Students follow one of two tracks, the first of which culminates in a project or thesis, the second of which culminates in a portfolio.

### Application and Admission Requirements

You are encouraged to apply if you possess a bachelor's degree with a 3.0 G.P.A. The full application package will also include official undergraduate transcripts, three letters of reference from employers or professors, and a 1,000-word statement describing your professional goals and the ways in which the program can help you achieve them. Visit our web site or see

the Director of Technical Communication for more information on how to apply.

### Degree Requirements

The course of study for the Master of Arts in Technical Communication consists of a minimum of 33 hours to be chosen by you and your advisory committee from one of the two tracks described below. Each track consists of required courses and electives. To fulfill the elective requirements, you may take additional graduate courses in technical communication or other disciplines. You are encouraged to acquire expertise in an additional technical field, such as a business or engineering discipline or computer science; you may already have acquired that expertise through undergraduate course work or job experience.

#### Master of Arts in Technical Communication Alternative Program 1

An introductory seminar (Introductory Seminar in Technical Communication), eighteen hours of required courses in technical communication, three hours of project or thesis, and three hours of internship. (If you already have professional work experience in technical communication, your advisor may permit you to substitute three additional elective credits for the internship.)

Course Number and Title	Credits
E 511 Introductory Seminar in Technical Communication	3
E 512 Technical Rhetoric and Genres	3
E 513 Technical Editing	3
E 514 Technical Communication Ethics	3
E 515 Visual Rhetoric and Information Design	3
E 516 Topics in Print Document Production or E 521 Topics in On-screen Document Production	3
E 517 Oral Communication for Technical Communicators	3
E 590 Internship	3
E 591 Project or E 593 Thesis	3
General Graduate Electives	6
<b>Total</b>	<b>33</b>

# Master of Arts in Technical Communication

## Master of Arts in Technical Communication Alternative Program 2

An introductory seminar (Introductory Seminar in Technical Communication), eighteen hours of required courses in technical communication, a portfolio, and three hours of internship. (If you already have professional work experience in technical communication, your advisor may permit you to substitute three additional elective credits for the internship.)

Course Number and Title	Credits
E 511 Introductory Seminar in Technical Communication	3
E 512 Technical Rhetoric and Genres	3
E 513 Technical Editing	3
E 514 Technical Communication Ethics	3
E 515 Visual Rhetoric and Information Design	3
E 516 Topics in Print Document Production or E 521 Topics in On-screen Document Production	3
E 517 Oral Communication for Technical Communicators	3
E 590 Internship	3
General Graduate Electives	9
<b>Total</b>	<b>33</b>

See the course descriptions for prerequisites. Selected prerequisites may be waived or taken concurrently with the consent of your committee.

You may petition your committee to be exempted from up to six hours of required course work. This petition will be evaluated on the basis of your demonstrated experience and professional competence. If you receive an exemption, you will substitute an equivalent number of elective credits.

## Course Offerings

### E ENGLISH

#### REQUIRED COURSES

**E 511 INTRODUCTORY SEMINAR IN TECHNICAL COMMUNICATION (3-0-3)(F/S).** An introduction to the current definitions and theories of technical communication, including approaches from such related fields as rhetoric, linguistics, cognitive psychology, sociology, and philosophy. Students will also study the different job specializations within technical communication.

**E 512 TECHNICAL RHETORIC AND GENRES (3-0-3)(F/S).** An advanced study of technical communication for those students who are or expect to become professional technical communicators. Students will write reports, proposals, manuals, and online documents related to their own backgrounds and fields of interest. The topics of study include modern theories of readability, focusing on research in semantics, syntax, and pragmatics, and hypertext, and current trends in technical communication. PREREQ: E 302 or E 402 or E 511 or PERM/INST.

**E 513 TECHNICAL EDITING (3-0-3)(F/S).** An advanced course in the editing of technical documents. Major projects are related to each student's field of interest. Topics of study include content editing, copy

editing, developmental editing, production editing, and online editing, as well as the theory and ethics of editing. PREREQ: E 512 or PERM/INST.

**E 514 TECHNICAL COMMUNICATION ETHICS (3-0-3)(F/S).** An examination of the various ethical issues inherent in the practice of technical communication. Topics include the ancient debate about the claims of philosophy and rhetoric; Kant's categorical imperative; the modern standards of rights, justice, and utility; the employee's obligations to the employer, the public, and the environment; and the common ethical issues faced by technical communicators, including plagiarism and copyright violation, the fair use of words and graphics, trade secrets, whistleblowing, and codes of conduct. The course will use the case study method.

**E 515 VISUAL RHETORIC AND INFORMATION DESIGN (3-0-3)(F/S).** A study and application of the rhetorical elements of design, including color, line, form, images, and type. Students will apply principles of visual rhetoric in creating print and online technical documents. PREREQ: E 513 or PERM/INST.

**E 517 ORAL COMMUNICATION FOR TECHNICAL COMMUNICATORS (3-0-3)(F/S).** The theory and practice of several major kinds of oral communication modes used by technical communicators, including interviewing of technical experts and clients, group discussion, and technical presentations that incorporate presentation software. PREREQ: E 515 or PERM/INST.

**E 590 INTERNSHIP (0-10-3)(F/S).** An actual work experience during at least one semester in which the student creates a substantial body of work in technical communication for a specific audience. This body of work should demonstrate at a professional level the application of the principles learned in previous course work.

#### ELECTIVE COURSES

**E 501 THE TEACHING OF WRITING (3-0-3)(F/S).** Theories and methods of teaching writing for experienced teachers. Special emphasis on new discoveries about the learning process in writing courses and in the teacher's role in helping individual students. PREREQ: E 301, E 500, and teaching experience or PERM/CHAIR.

**E 505 LINGUISTICS (3-0-3)(F/S).** Modern linguistic theories and their application to literature and teaching English. An examination of how various grammatical models represent the complexities of language sound, sequence, and structure. Application of theory to language at work. Alternate years. PREREQ: E 500 and LI 305 or equivalent or PERM/CHAIR.

**E 516 TOPICS IN PRINT DOCUMENT PRODUCTION (3-0-3)(F/S).** Study and application of the principles and techniques involved in taking print documents from conception to production. Topics will vary, but may include desktop publishing, estimating time and cost, selecting paper and binding, working with pre-press and printing companies, and selecting appropriate distribution systems. The course assumes experience with page layout software on personal computers. This course may be taken twice for credit. PREREQ: E 515 or PERM/INST.

**E 518 WRITING FOR THE COMPUTER INDUSTRY (3-0-3)(F/S).** The study and application of principles for creating effective print and online documentation within the computer industry. Topics can include content design and organization, writing style, graphic design, principles of hypertext, and usability testing. The course also addresses strategies for working successfully as a technical communicator in the computer industry. PREREQ: E 515 or PERM/INST.

**E 519 TECHNICAL PUBLICATIONS MANAGEMENT (3-0-3)(F/S).** Analysis and application of the principles of management and

## Master of Arts in Technical Communication

organizational behavior as they apply to the technical publications field. In a case-study environment focused on the publications process, students learn the techniques and practices of managing technical publications groups within organizational settings, while studying relevant principles of motivational theory and human behavior. PREREQ: E 512 or PERM/INST.

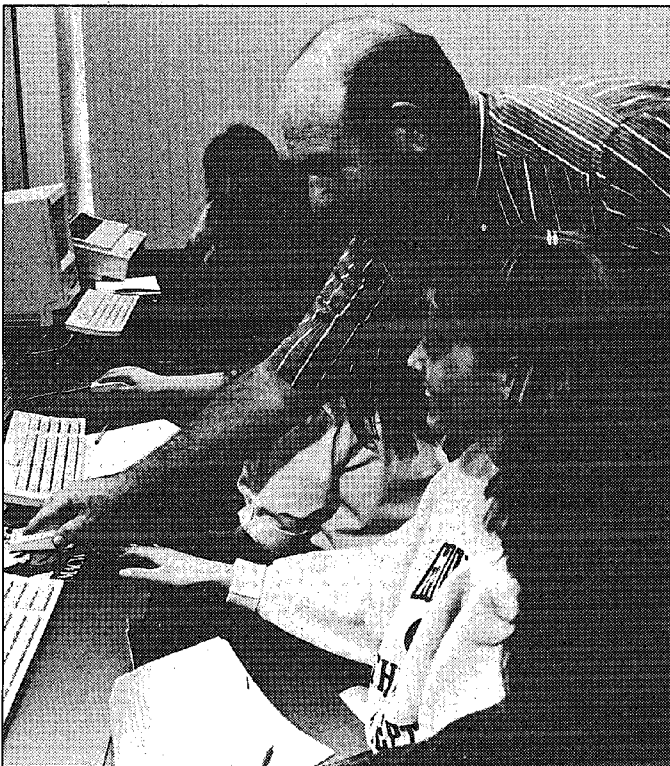
### **E 521 TOPICS IN ON-SCREEN DOCUMENT PRODUCTION**

**(3-0-3) (F/S).** Study and application of the principles involved in designing, creating, and managing information on the screen. Topics vary from semester to semester, but can include such areas as online information, help systems, and multimedia applications. Students practice effective hypertext and screen-design techniques from the fields of cognitive science, software psychology, and human factors. This course may be taken twice for credit. PREREQ: E 515 or PERM/INST.

### **E 561 THEORIES OF RHETORIC AND COMPOSITION**

**(3-0-3) (F/S).** A study of the theoretical context of current writing and writing pedagogy. Influential theories of invention, arrangement, and style, from ancient and modern times, are examined and compared. Special attention is paid to the relationships of current rhetorical and cognitive theories to writing processes and written products. PREREQ: Admission to Graduate Program or PERM/CHAIR.

**E 585 SELECTED TOPICS IN LINGUISTICS (3-0-3) (F/S).** An investigation of a particular topic in linguistics, drawn generally from psycholinguistics, sociolinguistics, semantics, pragmatics, discourse, syntax, or morphology. Course work will include lecture, discussion, and a paper or project, depending on the nature of the topic. Repeatable once for credit. PREREQ: LI 305.



## Advanced Certificate in Technical Communication

Department of English

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FAX 208 385-4373

<http://www.idbsu.edu/techcomm/index.html>

e-mail: [mmarkel@varney.idbsu.edu](mailto:mmarkel@varney.idbsu.edu)

**Director of Technical Communication:** Mike Markel

**Department Chair:** Chaman Sahni

**Full Graduate Faculty:** Bruce Ballenger, John Battalio, Jon Dayley, Michael Hassett, Richard Leahy, Mike Markel, Mary Ellen Ryder, Karen Uehling, Driek Zirinsky

**Adjunct Graduate Faculty:** Kevin Wilson

## General Information

The Advanced Certificate in Technical Communication is intended for advanced undergraduate and graduate students. A student in geophysics might wish to earn the Advanced Certificate because he knows that he will be making presentations at professional conferences and writing journal articles. An accountant in the Boise area might wish to improve her technical communication skills to enhance her performance on the job.

The Advanced Certificate enables students to choose a unified, coherent group of courses in technical communication and related fields from other disciplines that will improve their understanding of the public role of written communication and their on-the-job skills.

Students who wish to substitute an alternative course for one of the two listed electives may petition the Director of Technical Communication.

## Application and Admission Requirements

There are no application and admission requirements. You must fulfill the prerequisites of each course you choose. After completing the five courses with a grade of at least C in each, see the Director of Technical Communication.

# Advanced Certificate in Technical Communication

## Certificate Requirements

Advanced Certificate in Technical Communication	
Course Number and Title	Credits
E512 Technical Rhetoric and Genres	3
E 513 Technical Editing	3
E 514 Technical Communication Ethics	3
Two of the following:	6-7
AR 333 Computer Graphics for Artists.....4	
CM 307 Interviewing.....3	
CM 361 Organizational Communication.....3	
CM 478 Public Relations.....3	
CM 481 Studies in Interpersonal Communication...3	
IS 310 Introduction to Management Systems.....3	
IP 537 Instructional Design.....3	
LI 305 Introduction to Language Studies.....3	
MG 401 Organizational Behavior.....3	
MG 405 Management of Continuous Learning.....3	
MK 306 Promotion Management.....3	
SO 390 Conflict Management.....3	
SO 487 Organizational Theory and Bureaucratic Structure.....3	
TE 538 Instructional Courseware Design.....3	
<b>Total</b>	<b>15-16</b>

## Course Offerings

### AR 333 COMPUTER GRAPHICS FOR ARTISTS (2-4-4) (F/S).

This course will familiarize the student with current programs for publication design, electronic prepress methods, illustration, fine art, photo manipulation and interactive programming. Available software includes the latest in illustration, graphic design, three dimensional applications, animation, paint and interactive programs. PREREQ: PERM/INST.

**CM 307 INTERVIEWING (3-0-3) (F/S).** Communication behavior in two-person situations. Practical experience in various types of interviews as confronted in business, in education, and in the professions.

**CM 361 ORGANIZATIONAL COMMUNICATION (3-0-3) (F/S).** The application of communication theory and methodology to the study of communication within the formal organization. Theories and problems of human communication within and between organizations.

**CM 478 PUBLIC RELATIONS (3-0-3) (S).** Analysis of public relations media and methods. Public relations as a management tool. Identifying and reaching the various publics. Practice in writing publicity releases.

**CM 481 STUDIES IN INTERPERSONAL COMMUNICATION (3-0-3) (F/S).** The examination of issues, contexts, and particulars of interpersonal communication. Content varies from semester to semester. Subjects may include: Conflict Management, General Semantics, Male-Female Communication, etc. PREREQ: PERM/INST.

**IS 310 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS (3-0-3) (F/S).** An introduction to the fundamental concepts of management information systems in business organizations. Management information is the framework tying together business decision makers in an organization. This course includes information systems concepts and planning; end-user computing; hardware,

software, data-base systems; systems analysis, design, implementation; computer-human interface; data communications and networks; international, social, political, legal, behavioral and ethical issues of MIS. PREREQ: Upper Division Business standing. Not required for CIS majors.

**IP 537 INSTRUCTIONAL DESIGN (3-0-3) (F).** This course gives an overview of several models for instructional systems design and examines the processes involved in designing instructional interventions, such as analyzing instructional needs, determining and organizing content and process, selecting appropriate media, evaluating, and revising. PREREQ: IP 536 or PERM/INST.

**LI 305 INTRODUCTION TO LANGUAGE STUDIES (3-0-3).** A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology and psychology, with emphasis on meaning, sounds, words, and sentence formation in English. PREREQ: E 102 or PERM/CHAIR.

**MG 401 ORGANIZATIONAL BEHAVIOR (3-0-3) (F/S).** Emphasis on action skills useful for managers. Topics include managing of self-communicating, motivating, innovating, managing a group, use of formal and social power, persuading, and dealing with uncertainty. PREREQ: Upper-division business standing and MG 301.

**MG 405 MANAGEMENT OF CONTINUOUS LEARNING (3-0-3) (F/S).** This course examines how managers can facilitate organizational, team, and individual learning. It reviews the organizational and managerial innovations needed to support quality management and customer satisfaction. It will draw upon a variety of disciplines, including: learning theory, Japanese management, socio-technical systems theory, and social psychology of group problem-solving. Special emphasis will be placed on skills in developing effective teams. PREREQ: Upper-division business standing and MG 301.

**MK 306 PROMOTION MANAGEMENT (3-0-3) (F/S).** A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to insure that managers are aware of the ethical responsibilities inherent in the job. PREREQ: Upper-division business standing and MK 301.

**SO 390 CONFLICT MANAGEMENT (3-0-3) (F).** Examination of the cause of conflict, conflict management theory, and conflict management techniques applied in interpersonal, intergroup, organizational, and community settings. Discussion and skill development through experiential learning will focus on such conflict management techniques as interpersonal management, mediation, arbitration, negotiation, and reconciliation. Students may not receive credit for both SO 390 and CM 390. PREREQ: SO 101 or CM 111.

**SO 487 ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURE (3-0-3) (F/S).** An examination of complex formal organizations, bureaucracy and human interaction, theory, research, and findings are covered. May be taken for sociology or political science credit (PO 487) but not for both. PREREQ: Senior standing, PERM/INST.

**TE 538 INSTRUCTIONAL COURSEWARE DESIGN (3-0-3) (S).** Students will design instruction with the assistance of a microcomputer and link the instruction with video technology. Students will investigate several authoring languages to facilitate the development and delivery of instruction. PREREQ: IP 537.

## Additional Graduate Courses

### Additional Graduate Courses

**NOTICE: The 500-level courses listed below are not offered on a regular basis. Students interested in these courses should consult with an advisor in the Department before completing their application.**

#### C CHEMISTRY

##### **C 401G-402G ADVANCED INORGANIC CHEMISTRY (3-0-3)(F).**

Atomic structure, molecular structure using valence bond and molecular orbital theories, elementary group theory, transition metal coordination chemistry, acids and bases, descriptive transition and non-transition metal chemistry. PREREQ: C 322 or PERM/INST.

**C 411G ANALYTICAL CHEMISTRY II (2-6-4)(S).** Advanced analytical methodology with a focus on modern chemical instrumentation, signal processing, and error analysis. PREREQ: C 212 and C 322.

**C 431G BIOCHEMISTRY (3-0-3)(F).** A study of the chemistry of biologically important compounds and an introduction to metabolism. PREREQ: C 317.

**C 432G BIOCHEMISTRY LABORATORY (0-3-1)(S).** Identification, isolation and reactions of biologically important compounds. PREREQ: C 431.

**C 433G BIOCHEMISTRY II (3-0-3)(S).** The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellular control mechanisms of these processes are integrated into the material. PREREQ: C 431.

**C 440G SPECTROMETRIC IDENTIFICATION (2-0-2)(S).** Identification of compounds using modern spectrometric techniques. PREREQ: C 318 and C 321.

**C 441G SPECTROMETRIC IDENTIFICATION LABORATORY (0-3-1)(S).** Laboratory course to accompany C 440G. COREQ: Concurrent enrollment in C 440G required.

**C 443G ADVANCED CHEMICAL PREPARATION LABORATORY (1-3-2)(S).** Advanced techniques in the preparation, isolation and characterization of chemical compounds with emphasis on inorganic compounds. One three-hour laboratory and one hour of recitation per week. PREREQ: C 401 or PERM/INST.

**C 501 HISTORY OF CHEMISTRY (3-0-3).** The study of the development of chemistry from its early stages through alchemy. Emphasis will be placed on the development of chemical concepts, the important contributors to these concepts and the interrelationships between chemistry and the general course of history. PREREQ: Two years of college chemistry and one year of history or PERM/INST. Offered on demand.

**C 503 SPECTROSCOPY (3-0-3).** Concepts and practical usage of ultra-violet, infrared, nuclear magnetic, mass spectroscopy. Emphasis will be placed on use of instruments and interpretation of spectra. Prior knowledge of spectroscopy not required. PREREQ: Eight hours of general chemistry and six hours of organic chemistry. Offered on demand.

**C 509 CHEMISTRY OF LIFE PROCESSES (3-0-3).** The course introduces the student to basic concepts of biochemistry associated

with a coverage of current topics ranging from allied health field areas to environmental chemistry. Classroom demonstration material will be correlated with lecture material. PREREQ: One year of general chemistry and organic chemistry. Offered on demand.

##### **C 511 ADVANCED ANALYTICAL CHEMISTRY (3-0-3).**

Stoichiometry involved in separations and instrumental methods of analysis. The course will be flexible in nature to adapt to the varied background of the expected students. PREREQ: Quantitative Analytical Chemistry of PERM/INST. Offered on demand.

**C 515 NUCLEAR AND RADIOCHEMISTRY (3-0-3).** Atomic and nuclear structure, radioactivity, nuclear reactions, radioactive decay laws, interaction of radiation with matter, detection chemistry. Offered on demand.

**C 522 ADVANCED TOPICS IN CHEMISTRY (3-0-3).** Selected advanced topics from Chemistry such as mass spectrometry, nuclear magnetic resonance spectroscopy, radiochemistry, environmental chemistry and polymer chemistry. PREREQ: C 322 or PERM/INST. Offered on demand.

#### CS COMPUTER SCIENCE

**CS 525 NETWORK PROTOCOLS AND PROGRAMMING (3-0-3)(S)(EVEN YEARS).** Applications and hands-on problems from TCP/IP in the Unix environment, augmented by examples from many different kinds of protocols and technologies. OSI layers, fault tolerance, sockets, streams, parallel processes, spooling, remote execution and client-server models. PREREQ: M 361 or M 431, CS 242, CS 353 or PERM/INST.

**CS 573 ADVANCED SOFTWARE ENGINEERING (3-0-3)(S)(ODD YEARS).** A study of selected aspects of contemporary software development methodology. Topics are taken from recent research articles. These topics include: definition of user requirements, formal specification of solutions, design and implementation techniques, validation and testing, verification, maintenance, and reuse. PREREQ: CS 471 or PERM/INST.

#### CR CRIMINAL JUSTICE ADMINISTRATION COURSES

**CR 510 SPECIAL PROBLEMS IN CORRECTIONAL TREATMENT (3-0-3)(F/S).** Analysis of contemporary problems in the correctional programs of American society.

**CR 511 SPECIAL PROBLEMS OF THE JUVENILE AND YOUTHFUL OFFENDER (3-0-3)(F/S).** Examination of current processes in juvenile justice, rehabilitation programs, probation and utilization of community-based resources. Emphasis will be placed on preventive rehabilitative measures at the local level.

**CR 580 SELECTED TOPICS CRIMINAL JUSTICE ADMINISTRATION (3-0-3)(F/S).** Examination, evaluation and research regarding contemporary problems in the criminal justice system. Students will be required to do extensive reading and inquiry into special areas of concern and interest.

**CR 595 READING AND CONFERENCE (1-2 credits).** Directed reading on selected materials in criminal justice administration and discussion of these materials, as arranged and approved through major advisor.



## Additional Graduate Courses

**CR 598 SEMINAR IN CRIMINAL JUSTICE ADMINISTRATION (2-0-2)(F/S).** Intensive analysis of selected subject areas of the system of criminal justice administration. PREREQ: CR 301.

### SO SOCIOLOGY COURSES

**SO 501 THE SOCIOLOGY OF EDUCATION (3-0-3)(F/S).** A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society.

**SO 510 CONFLICT AND CHANGE IN SOCIO-CULTURAL SYSTEMS (3-0-3)(F/S).** Intensive examination of social and cultural change as related to technological evolution, value changes and the resultant conflict in society.

**SO 511 THE SOCIOLOGY OF AGE GROUP STRATIFICATION (3-0-3) (F/S).** Examination of the sociological effect of age as a major dimension of social organization and stratification in American society and Western civilization. The course will consider the effects of changing patterns of longevity, resultant changes in age distribution of the population as these factors affect social, economic, and political systems.

**SO 512 SOCIAL DEMOGRAPHY (3-0-3)(F/S).** Techniques and methods for analyzing population growth, trends, and movement as reflected in actuarial data, birth-death rate; mobility, fertility and fecundity as these affect the societal patterns, especially planning for human service programs.

**SO 571 FEMINIST SOCIOLOGICAL THEORY (3-0-3)(F/S).** An examination of the major types of feminist theory in Sociology or theory directly useful to sociologists in search of understanding and explaining gender relations. The student will encounter new perspectives in Sociology that arise from the exchange of new ideas, new data, exciting possibilities for social change, and the emergence of new theoretical models to understand gender relations. PREREQ: Graduate standing.

**SO 595 READING AND CONFERENCE (1-2 credits).** Directed reading on selected materials in human services administration and discussion of these materials as arranged and approved through major advisor.





# Boise State University Graduate Faculty

## Full-Time Graduate Faculty as of March 1997

NOTE: The date in parentheses is the year of first appointment.

### A

- Alm, Leslie .....(1991)  
Associate Professor, Political Science; Ph.D., Colorado State University
- Altieri, Jennifer .....(1995)  
Assistant Professor, Elementary Education and Specialized Studies; Ph.D., Texas A & M University
- Andersen, Rudy A. ....(1992)  
Assistant Professor, Health Studies; D.D.S., Washington University
- Anderson, Holly L. ....(1989)  
Chair and Associate Professor, Foundations, Technology and Secondary Education; Ph.D., Utah State University
- Anderson, Robert .....(1970)  
Professor, Mathematics and Computer Science; Ph.D., Michigan State University
- Anooshian, Linda James .....(1988)  
Professor, Psychology; Ph.D., University of California, Riverside
- Anson, Robert .....(1990)  
Associate Professor, Computer Information Systems and Production Management; Ph.D., Indiana University
- Armstrong, James .....(1992)  
Associate Professor, Foundations, Technology and Secondary Education; Ph.D., University of Illinois
- Atlakson, Philip .....(1985)  
Associate Professor, Theatre Arts; M.A., State University of New York, Binghamton
- Ayers, Kathleen L. ....(1983)  
Associate Professor, Mathematics and Computer Science; Ph.D., University of Idaho

### B

- Bahruth, Robert .....(1988)  
Associate Professor, Elementary Education and Specialized Studies; Ph.D., University of Texas, Austin
- Baker, Charles W. ....(1968)  
Professor, Biology; Ph.D., Oregon State University
- Baker, Richard P. ....(1973)  
Professor, Sociology; Ph.D., Washington State University
- Baldassarre, Joseph A. ....(1975)  
Professor, Music; D.M.A., Case Western Reserve University
- Baldwin, John B. ....(1971)  
Professor, Music; Ph.D., Michigan State University
- Ballenger, Bruce .....(1995)  
Assistant Professor, English; M.A., University of New Hampshire
- Baltzell, Michael .....(1995)  
Assistant Professor, Theatre Arts; M.F.A., Idaho State University
- Bammel, Brad P. ....(1988)  
Associate Professor, Chemistry; Ph.D., University of New Orleans
- Banks, Richard C. ....(1968)  
Chair and Professor, Chemistry; Ph.D., Oregon State University
- Barney, Lloyd Dwayne .....(1986)  
Chair and Professor, Marketing and Finance; Ph.D., Texas A & M
- Barr, Robert .....(1991)  
Dean and Professor, College of Education; Ph.D., Purdue University
- Bartoszynski, Tomek .....(1996)  
Associate Professor, Mathematics and Computer Science; Ph.D., Warsaw University, Poland
- Battallio, John T. ....(1995)  
Assistant Professor, English; Ph.D., Texas A & M University
- Bauwens, Jeanne .....(1977)  
Professor, Elementary Education and Specialized Studies; Ed.D., University of Idaho
- Bechard, Marc Joseph .....(1983)  
Graduate Program Coordinator, Raptor Biology; Associate Chair and Professor, Biology; Ph.D., Washington State University

- Bely, Jeanne Marie .....(1983)  
Graduate Program Coordinator and Professor, Music; Ph.D., University of Kentucky
- Belthoff James .....(1993)  
Assistant Professor, Biology; Ph.D., Clemson University
- Benson, Elmo B. ....(1975)  
Associate Professor, Art; Ed.D., University of Idaho
- Bentley, Elton B. ....(1980)  
Professor, Geosciences; Ph.D., University of Oregon
- Berg, Lynn R. ....(1984)  
Professor, Music; D.M.A., University of Wisconsin, Madison
- Bigelow, John D. ....(1982)  
Professor, Management; Ph.D., Case Western Reserve University
- Birdsall, Bobbie A. ....(1995)  
Assistant Professor, Counseling, Ph.D., Oregon State University
- Bixby Michael B. ....(1981)  
Professor, Management; J.D., University of Michigan
- Blain, Michael .....(1982)  
Chair and Professor, Sociology; Ph.D., University of Colorado
- Blankenship, Jim .....(1977)  
Professor, Art; M.F.A., Otis Art Institute
- Boren, Robert R. ....(1971)  
Professor, Communication; Ph.D., Purdue University
- Boucher, Teresa .....(1997)  
Assistant Professor, Modern Languages, Ph.D., Princeton University
- Boyer, Dale K. ....(1968)  
Professor, English; Ph.D., University of Missouri, Columbia
- Bratt, J. Wallis .....(1970)  
Associate Professor, Music; M.M., University of Utah
- Brender, Susan I. ....(1969)  
Professor, Computer Information Systems and Production Management; Ph.D., University of Iowa
- Brown, Marcellus .....(1989)  
Associate Professor, Music; M.M., University of Michigan
- Browning, William B. ....(1996)  
Assistant Professor, Modern Languages, D.M.L., Middlebury College
- Brudenell, Ingrid .....(1996)  
Associate Professor, Nursing; Ph.D., Oregon Health Sciences University
- Budde, James .....(1997)  
Assistant Professor, Art; M.F.A., California State University
- Buffenbarger, James .....(1991)  
Assistant Professor, Mathematics and Computer Science; Ph.D., University of California-Davis
- Buhler, Peter .....(1977)  
Professor, History; Ph.D., University of California, San Diego
- Bullock, Douglas .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., University of Iowa
- Button, Sherman G. ....(1976)  
Professor, Health, Physical Education and Recreation; Ph.D., University of Utah

### C

- Carter, Loren S. ....(1970)  
Professor, Chemistry; Ph.D., Washington State University
- Casner, Nicholas A. ....(1992)  
Assistant Professor, History; Ph.D., Carnegie-Mellon University
- Centanni, Russell .....(1973)  
Professor, Biology; Ph.D., University of Montana
- Chastain, Garvin .....(1978)  
Professor, Psychology; Ph.D., University of Texas, Austin
- Christensen, Steve .....(1987)  
Associate Professor, Foundations, Technology and Secondary Education; Ph.D., University of Idaho
- Colby, Conrad .....(1970)  
Professor, Respiratory Therapy; Ph.D., University of Montana

# Boise State University Graduate Faculty

- Cotrell, Gretchen.....(1991)  
Assistant Professor, Social Work; Ph.D., University of California, Berkeley
- Cox, David.....(1992)  
Chair, Graduate Program Coordinator, and Assistant Professor, Instructional & Performance Technology; Ph.D., University of Minnesota
- Cox, Marvin.....(1977)  
Chair, Graduate Program Coordinator, and Professor, Communication; Ph.D., University of Kansas
- Cox, T Virginia.....(1967)  
Chair and Associate Professor, Anthropology; Ph.D., University of Georgia
- Crank, John.....(1994)  
Associate Professor, Criminal Justice Administration; Ph.D., University of Colorado, Boulder

## D

- Davis, Charles.....(1963)  
Professor, English; Ph.D., University of North Carolina, Chapel Hill
- Dayley, Jon Philip.....(1982)  
Professor, English; Ph.D., University of California, Berkeley
- Dodson, Jerry.....(1970)  
Professor, Psychology; Ph.D., Purdue University
- Donaldson, Paul R.....(1975)  
Chair and Professor, Geosciences; Ph.D., Colorado School of Mines
- Dorman, Patricia.....(1967)  
Professor, Sociology; Ph.D., University of Utah
- Douglas, Dorothy P.....(1981)  
Professor, Biology; Ph.D., University of California, Berkeley
- Douglass, J D Jr.....(1972)  
Professor, Art; M.F.A., Cranbrook Academy of Art
- Downs, Richard R.....(1975)  
Counseling Psychologist, Counseling; Associate Professor, Psychology; Ed.D., Ball State University
- Draayer, Gerald F.....(1976)  
Associate Professor, Economics; Ph.D., Ohio University
- Dubert, LeeAnn.....(1992)  
Assistant Professor, Foundations, Technology and Secondary Education; Ph.D., University of Wisconsin, Madison
- Duffy, Alfred M.....(1988)  
Professor, Zoology; Ph.D., State University of New York, Binghamton
- Dykstra, Dewey I, Jr.....(1981)  
Professor, Physics; Ph.D., University of Texas Austin

## E

- Eastman, Phillip.....(1977)  
Dean, College of Arts and Sciences; Professor, Mathematics and Computer Science; Ph.D., University of Texas
- Eisley, Mark.....(1990)  
Associate Professor, Instructional & Performance Technology; Ph.D., Brigham Young University
- Elison, Patt R.....(1986)  
Associate Professor, Health Studies; M.A., Boise State University
- Elliott, Catherine.....(1982)  
Associate Professor, Music; M.A., Boise State University
- Ellis, Robert W.....(1971)  
Professor, Chemistry; Ph.D., Oregon State University
- English, Denise M.....(1996)  
Associate Professor, Accountancy; Ph.D., Indiana University
- English, Thomas J.....(1996)  
Associate Professor, Accountancy; Ph.D., Arizona State University

## F

- Farnsworth, Judy.....(1989)  
Associate Professor, Nursing; Ph.D., University of Utah
- Feldman, Alex.....(1988)  
Associate Professor, Mathematics and Computer Science; Ph.D., University of Wisconsin Madison
- Ferguson, David J.....(1970)  
Associate Professor, Mathematics and Computer Science; Ph.D., University of Idaho
- Fletcher, Allan W.....(1970)  
Professor, History; Ph.D., University of Washington

- Foster, Thomas.....(1997)  
Assistant Professor, Computer Information Systems and Computer Management, Ph.D., University of Missouri-Columbia
- Frankle Alan.....(1984)  
Professor, Marketing and Finance; Ph.D., University of Arizona
- Freemuth John C.....(1986)  
Professor, Political Science; Ph.D., Colorado State University
- French, Judith.....(1976)  
Professor, Elementary Education and Specialized Studies; Ph.D., Florida State University
- Friedli, Robert L.....(1972)  
Professor, Foundations, Technology and Secondary Education; Ph.D., University of Utah
- Fronmueller, Michael P.....(1990)  
Chair and Associate Professor, Management; Ph.D., Washington State University
- Fry, Phillip C.....(1987)  
Associate Professor, Computer Information Systems and Production Management; Ph.D., Louisiana State University
- Fuhrman, Jay R.....(1982)  
Professor, Bilingual Education, Elementary Education and Specialized Studies; Ed.D., Texas A & M University
- Fuller, Eugene G.....(1967)  
Professor, Biology; Ph.D., Oregon State University

## G

- Gallup, V Lyman.....(1977)  
Associate Professor, Computer Information Systems and Production Management; Ph.D., University of Oregon
- Garza, Alicia.....(1997)  
Assistant Professor, Modern Languages, Ph.D., University of Arizona
- Glen, Roy.....(1982)  
Associate Professor, Management; Ph.D., Case Western Reserve University
- Gonzales, J E.....(1995)  
Assistant Professor, Social Work; Ph.D., University of Texas
- Gough, Newell "Sandy".....(1989)  
Assistant Professor, Management; Ph.D., University of Utah
- Grantham, Stephen B.....(1982)  
Chair and Associate Professor, Mathematics and Computer Science; Ph.D., University of Colorado
- Green, Gary I.....(1988)  
Professor, Computer Information Systems and Production Management; Ph.D., University of Washington
- Griffin, John.....(1983)  
Associate Professor, Mathematics and Computer Science; Ph.D., Washington State University
- Groeber, David F.....(1973)  
Professor, Computer Information Systems and Production Management; Ph.D., University of Utah
- Guilford, Charles.....(1981)  
Associate Professor, English; Ph.D., Northwestern University

## H

- Hadden, James E.....(1997)  
Assistant Professor, English; M.A., University of Washington
- Hambelton, Benjamin E.....(1975)  
Director, Simplot/Micron Instructional Technology Center; Assistant Professor, Education; M.Ed., Utah State University
- Hanlon, Heather.....(1991)  
Graduate Program Coordinator and Professor, Art; Ed.D., University of Oregon
- Harkness, Daniel.....(1993)  
Associate Professor, Social Work; Ph.D., University of Kansas
- Harris, Chad.....(1995)  
Assistant Professor, Health, Physical Education and Recreation; Ph.D., Oregon State University
- Hassett, Michael J.....(1995)  
Assistant Professor, English; Ph.D., Iowa State University
- Hausrath, Alan R.....(1977)  
Professor, Mathematics and Computer Science; Ph.D., Brown University
- Hayes, Curtis.....(1994)  
Professor, Elementary Education and Specialized Studies; Ph.D., University of Texas at Austin

# Boise State University Graduate Faculty

- Heap, Felix A .....(1978)  
Professor, Art; Ph.D., University of Minnesota
- Hemmens, Craig .....(1996)  
Assistant Professor, Criminal Justice Administration; J.D., North Carolina Central University
- Hepler, Juanita .....(1991)  
Director and Professor, Social Work; Ph.D., University of Wisconsin, Madison
- Hoeger, Werner W K .....(1986)  
Director, Human Performance Laboratory; Professor, Health, Physical Education and Recreation; Ed.D., Brigham Young University
- Hoff, Marie .....(1992)  
Associate Professor, Social Work, Ph.D., University of Washington
- Hollenbaugh, Kenneth M .....(1968)  
Dean, Graduate College and Research; Professor, Geosciences; Ph.D., University of Idaho
- Holmes, M. Randall .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., State University of New York at Binghamton
- Honts, Charles R .....(1995)  
Associate Professor, Psychology; Ph.D., University of Utah
- Hourcade Jack Joseph .....(1987)  
Professor, Elementary Education and Specialized Studies; Ph.D., University of Missouri, Columbia
- Hsu, Madeleine .....(1971)  
Professor, Music; Ph.D., New York University
- Huff, Daniel D .....(1970)  
Professor, Social Work; M.S.W., University of Kansas
- Huff, Howard L .....(1965)  
Professor, Art; M.F.A., University of Idaho
- Hughes, Robert B .....(1971)  
Professor, Mathematics and Computer Science; Ph.D., University of California, Riverside

## J

- Jain, Amit .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., University of Central Florida
- Jarratt Smith, Mary K .....(1987)  
Associate Professor, Mathematics and Computer Science; Ph.D., Montana State University
- Jensen, John H .....(1969)  
Director of Center for Educational/Multicultural Opportunities; Professor, Foundations, Technology and Secondary Education; Ph.D., University of Oregon
- Jirak, James .....(1994)  
Assistant Professor, Music; M.M. University of Wyoming
- Jones, Daryl E .....(1986)  
Provost and Vice President for Academic Affairs; Professor, English; Ph.D., Michigan State University
- Jones, Errol D .....(1982)  
Chair and Professor, History; Ph.D., Texas Christian University
- Juola, Robert C .....(1970)  
Professor, Mathematics and Computer Science; Ph.D., Michigan State University

## K

- Kania-Bartoszynska, Joanna .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., University of California, Berkeley
- Kelley, Lorrie Lynn .....(1991)  
Associate Professor, Radiologic Sciences; M.S., Boise State University
- Kenny, G Otis .....(1976)  
Associate Professor, Mathematics and Computer Science; Ph.D., University of Kansas
- Kerr, Charles R .....(1969)  
Professor, Mathematics and Computer Science; Ph.D., University of British Columbia
- Killmaster, John .....(1970)  
Professor, Art; M.F.A., Cranbrook Academy of Art
- Kinney, Richard .....(1976)  
Professor, Political Science; Ph.D., University of Notre Dame

- Klaustsch, Richard .....(1992)  
Associate Professor, Theatre Arts; Ph.D., Wayne State University
- Kober, J Alfred .....(1968)  
Professor, Art; M.S., Fort Hays State University
- Koeppen, David R .....(1996)  
Chair and Associate Professor, Accountancy; Ph.D., University of Wisconsin-Madison
- Koetsier, Peter .....(1997)  
Assistant Professor, Biology, Ph.D., Idaho State University
- Kozar, Bill .....(1989)  
Graduate Program Coordinator and Professor, Health, Physical Education and Recreation; Ph.D., University of Iowa
- Kyle, Patricia B .....(1996)  
Assistant Professor, Elementary Education and Specialized Studies; Ed.D., University of Idaho.

## L

- La Cava, Gerald .....(1982)  
Chair and Professor, Computer Information Systems and Production Management; Ph.D., University of Kansas
- Lambert, Carroll .....(1976)  
Professor, Elementary Education and Specialized Studies; Ed.D., Utah State University
- Lamet, Daniel G .....(1970)  
Professor, Mathematics and Computer Science; Ph.D., University of Oregon
- Landrum, R. Eric .....(1992)  
Chair and Associate Professor, Psychology; Ph.D., Southern Illinois University at Carbondale
- LaRiviere, Sara .....(1989)  
Chair and Associate Professor, Health Studies; Ed.D., University of LaVerne
- Lathen, William .....(1984)  
Professor, Accountancy; Ph.D., Arizona State University
- Leahy, Richard .....(1971)  
Professor, English; Ph.D., University of California, Davis
- LeMaster, Clifford .....(1990)  
Associate Professor, Chemistry; Ph.D., University of California, Davis
- Levin, Daniel L .....(1996)  
Assistant Professor, Political Science; Ph.D., University of Wisconsin, Madison
- Lichtenstein, Peter M .....(1975)  
Professor, Economics; Ph.D., University of Colorado
- Liley, Denise Goodrich .....(1997)  
Assistant Professor, Social Work; Ph.D., University of Utah
- Limaye, Mohan .....(1992)  
Professor, Marketing and Finance; Ph.D., University of Wisconsin
- Lincoln, Douglas J .....(1980)  
Professor, Marketing and Finance; Ph.D., Virginia Polytechnic Institute and State University
- Lindsey, Melinda .....(1987)  
Associate Professor, Elementary Education and Specialized Studies; Ph.D., University of Oregon
- Lojek, Helen .....(1979)  
Professor, English; Ph.D., University of Denver
- Long, Elaine M .....(1975)  
Professor, Health Studies; Ph.D., University of Idaho
- Long, James A .....(1974)  
Chair, Graduate Program Coordinator, and Associate Professor, Biology; Ph.D., Iowa State University
- Loucks Christine .....(1989)  
Professor, Economics; Ph.D., Washington State University
- Luke, Robert A .....(1971)  
Chair and Professor, Physics; Ph.D., Utah State University
- Lundy, Phoebe J .....(1966)  
Associate Professor, History; M.S., Drake University
- Lutze, Peter C .....(1990)  
Assistant Professor, Communication; Ph.D., University of Wisconsin
- Lyons, Lamont S .....(1977)  
Professor, Foundations, Technology and Secondary Education; Ed.D., University of Massachusetts

## M

- MacKenzie, Philip .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., University of Michigan, Ann Arbor.

# Boise State University Graduate Faculty

- Maguire, James H .....(1970)  
Professor, English; Ph.D., Indiana University
- Maher, Matthew .....(1989)  
Associate Professor, Marketing and Finance; Ph.D., University of Illinois
- Maloolf, Giles .....(1968)  
Professor, Mathematics and Computer Science; Ph.D., Oregon State University
- Markel, Michael .....(1990)  
Director of Technical Communication and Professor, English; Ph.D., Pennsylvania State University
- Marsh, Robert L .....(1974)  
Chair and Associate Professor, Criminal Justice Administration; Ph.D., Sam Houston State University
- Martin, Carol A .....(1972)  
Professor, English; Ph.D., Catholic University of America
- Mathie, David .....(1992)  
Associate Professor, Music; D.M.A., University of Georgia
- Matijeka, Edward R .....(1976)  
Professor, Chemistry; Ph.D., Iowa State University
- Maxson, Emerson .....(1997)  
Associate Professor, Computer Information Systems and Production Management, Ph.D., Texas Tech University
- Maynard, Ritchard .....(1990)  
Assistant Professor, Music; M.A., University of Iowa
- McCain, Gary .....(1979)  
Professor, Marketing; Ph.D., University of Oregon
- McCarl, Robert S III .....(1994)  
Assistant Professor, Anthropology, Ph.D., Memorial University of Newfoundland
- McChesney, John W .....(1997)  
Assistant Professor, Health, Physical Education and Recreation, Ph.D., University of Oregon
- McCloskey, Richard .....(1976)  
Professor, Biology; Ph.D., Iowa State University
- McCorkle Suzanne .....(1978)  
Associate Dean, College of Social Sciences and Public Affairs; Professor, Communication; Ph.D., University of Colorado
- McLuskie, C Ed Jr .....(1981)  
Professor, Communication; Ph.D., University of Iowa
- McPherson, Mary B .....(1995)  
Assistant Professor, Communication; Ph.D., Ohio University
- Mech, William P .....(1970)  
Professor, Mathematics and Computer Science; Ph.D., University of Illinois
- Medlin, John J .....(1996)  
Associate Professor, Accountancy; M.B.A., University of Denver
- Mercer, Gary D .....(1975)  
Professor, Chemistry; Ph.D., Cornell University
- Merz, C Mike .....(1974)  
Professor, Accountancy; D.B.A., University of Southern California
- Micco, Teri .....(1992)  
Assistant Professor, Art; M.F.A., School of Visual Arts
- Michaels, Paul .....(1994)  
Assistant Professor, Geosciences, Ph.D., University of Utah
- Miller, Margaret .....(1994)  
Graduate Program Coordinator and Associate Professor, Counseling; Ph.D., University of Idaho
- Miller, Nicholas .....(1993)  
Assistant Professor, History; Ph.D., University of Indiana
- Miller, Rickie .....(1992)  
Assistant Professor, Elementary Education and Specialized Studies; Ph.D., New Mexico State University
- Mills, Janet Lee .....(1989)  
Professor, Communication; Ph.D., University of Kansas
- Minch, Robert P .....(1986)  
Professor, Computer Information Systems and Production Management; Ph.D., Texas Tech University
- Moncrief, Gary F .....(1976)  
Professor, Political Science; Ph.D., University of Kentucky
- Moore, Rick Clifton .....(1994)  
Assistant Professor, Communication; Ph.D., University of Oregon
- Moorhead-Rosenberg, Florence J .....(1993)  
Chair and Associate Professor, Modern Languages; Ph.D., University of California, Davis
- Morris, Daniel N .....(1986)  
Assistant Professor, Communication; Ph.D., University of Missouri
- Mulhern, Margaret .....(1996)  
Assistant Professor, Elementary Education and Specialized Studies; Ph.D., University of Illinois at Chicago
- Munger, James C .....(1988)  
Associate Professor, Biology; Ph.D., University of Arizona
- Murray, Judith .....(1989)  
Associate Professor, Nursing; Ph.D., University of Iowa
- ## N
- Nagasundaram, Murli .....(1996)  
Assistant Professor, Computer Information Systems and Production Management; Ph.D., University of Georgia
- Napier, Nancy K .....(1986)  
Coordinator of International Business Consortium and Programs, College of Business and Economics; Professor, Management; Ph.D., Ohio State University
- Neely, Kent .....(1994)  
Chair and Associate Professor, Theatre Arts; Ph.D., Wayne State University
- Nelson, Anne M .....(1967)  
Counseling Psychologist and Associate Professor, Counseling; Ph.D., University of Oregon
- Nicholson, James A .....(1986)  
Chair, Counseling and Testing Center; Counseling Psychologist; Professor, Counseling; Ph.D., University of Missouri, Columbia
- Nix, David E .....(1974)  
Associate Professor, Accountancy; Ph.D., Oklahoma State University
- Novak, E. Shawn .....(1996)  
Assistant Professor, Accountancy; Ph.D., University of Houston
- Novak, Stephan .....(1993)  
Assistant Professor, Biology; Ph.D., Washington State University
- ## O
- Odahl, Charles M .....(1975)  
Professor, History; Ph.D., University of California, San Diego
- O'Grady, John (Sean) P .....(1994)  
Assistant Professor, English; Ph.D., University of California, Davis
- Ollenburger, Jane C .....(1995)  
Dean, College of Social Sciences and Public Affairs; Professor, Sociology; Ph.D., University of Nebraska
- ## P
- Parker, Ben L .....(1977)  
Professor, Communication; Ph.D., Southern Illinois University, Carbondale
- Parkinson, Del R .....(1985)  
Professor, Music; D.M., Indiana University
- Parks, Donald J .....(1973)  
Professor, Mechanical Engineering; Ph.D., University of Minnesota
- Parrett, William H .....(1996)  
Professor, Foundations, Technology, and Secondary Education; Ph.D., Indiana University
- Patrick, Steven .....(1991)  
Assistant Professor, Sociology; Ph.D., University of California-Riverside
- Patton, David .....(1989)  
Applied Research Director, Associate Professor, Political Science; Ph.D., University of Utah
- Pavesic, Max G .....(1973)  
Professor, Anthropology; Ph.D., University of Colorado, Boulder
- Payne, Anne .....(1988)  
Associate Dean, College of Health Science; Chair and Associate Professor, Nursing; Ed.D., University of Tulsa
- Payne, Richard D .....(1970)  
Professor, Economics; Ph.D., University of Southern California
- Pearson, Thel .....(1981)  
Graduate Program Coordinator and Associate Professor, Educational Foundations, Technology and Secondary Education; Ph.D., University of California, San Francisco

# Boise State University Graduate Faculty

- Pelton, John R. ....(1981)  
Graduate Program Coordinator and Professor, Geosciences; Ph.D.,  
University of Utah
- Petkus, Edward Jr. ....(1993)  
Assistant Professor, Marketing and Finance; Ph.D., University of Tennessee
- Petlichkoff, Linda M. ....(1987)  
Professor, Health, Physical Education and Recreation; Ph.D., University of  
Illinois
- Pfeiffer, Ronald ....(1979)  
Professor, Health, Physical Education and Recreation; Ed.D., Brigham  
Young University
- Pirrong, Gordon D. ....(1978)  
Professor, Accountancy; D.B.A., Arizona State University
- Plew, Mark G. ....(1984)  
Professor, Anthropology; Ph.D., Indiana University, Bloomington
- Pollard, Constance ....(1993)  
Associate Professor, Foundations, Technology and Secondary Education;  
Ph.D., University of Nebraska, Lincoln
- Pompian, Richard ....(1996)  
Associate Professor, Marketing and Finance; Ph.D. University of Texas  
Austin
- Potter, Glenn R. ....(1985)  
Associate Dean, College of Education; Doctoral Program Coordinator;  
Professor, Health, Physical Education and Recreation; Ed.D., Brigham  
Young University
- Purdy, Craig A. ....(1987)  
Assistant Professor, Music; M.M., New England Conservatory

## R

- Raha, Arun ....(1990)  
Assistant Professor, Economics; Ph.D., Washington State University
- Ray, Nina Marie ....(1986)  
Professor, Marketing and Finance; Ph.D., Texas Tech University
- Raymond, Gregory A. ....(1974)  
Professor, Political Science; Ph.D., University of South Carolina
- Reynolds, R Larry ....(1979)  
Professor, Economics; Ph.D., Washington State University
- Robbins, Bruce ....(1990)  
Assistant Professor, English; Ph.D., Indiana University
- Roberts, George F. ....(1970)  
Professor, Art; M.F.A., University of Iowa
- Rogien, Lawrence ....(1993)  
Assistant Professor, Foundations, Technology and Secondary Education;  
M.Ed., Walla Walla College
- Rohlfing, Mary E. ....(1992)  
Assistant Professor, Communication; Ph.D., University of Iowa
- Rozmajzl, Michon ....(1986)  
Associate Dean, College of Arts and Sciences; Director of Interdisciplinary  
Studies; Professor, Music; Ph.D., University of Michigan
- Rudd, Robert A. ....(1985)  
Associate Professor, Communication; Ph.D., University of Oregon
- Russell, Dale D. ....(1995)  
Assistant Professor, Chemistry; Ph.D., University of Arizona, Tucson
- Rychert, Robert C. ....(1975)  
Professor, Biology; Ph.D., Utah State University
- Ryder, Mary Ellen ....(1988)  
Associate Professor, English; Ph.D., University of California, San Diego

## S

- Sadler, Norma J. ....(1973)  
Professor, Elementary Education and Specialized Studies; Ph.D., University  
of Wisconsin, Madison
- Sahni, Chaman L. ....(1973)  
Chair and Professor, English; Ph.D., Wayne State University
- Samball, Michael ....(1976)  
Associate Professor, Music; D.M.A., North Texas State University
- Sanderson, Irene (Rena) ....(1994)  
Assistant Professor, English; Ph.D., University of Colorado, Boulder
- Sanderson, Richard K. ....(1971)  
Associate Professor, English; Ph.D., New York University

- Sarikas, Robert Zeke ....(1996)  
Assistant Professor, Accountancy; Ph.D., University of Illinois at Urbana-  
Champaign
- Saunders, David ....(1997)  
Assistant Professor, Music; DMA, State University of New York at  
Stonybrook
- Schackel, Sandra K. ....(1989)  
Associate Professor, History; Ph.D., University of New Mexico
- Scheepers, Marion ....(1988)  
Professor, Mathematics and Computer Science; Ph.D., University of Kansas
- Schimpf, Martin E. ....(1990)  
Associate Professor, Chemistry; Ph.D., University of Utah
- Schooley, Diane ....(1989)  
Associate Professor, Marketing and Finance; Ph.D., University of Colorado,  
Boulder
- Schroeder, Gerald H. ....(1978)  
Associate Professor, Music; D.M.A., University of Colorado
- Seibert, Pennie S. ....(1990)  
Associate Professor, Psychology; Ph.D., University of New Mexico
- Shadle, Susan ....(1997)  
Assistant Professor, Chemistry, Ph.D., Stanford University
- Shallat, Todd A. ....(1985)  
Professor, History; Ph.D., Carnegie-Mellon University
- Shannon, Patrick ....(1974)  
Professor, Computer Information Systems and Production Management;  
Ph.D., University of Oregon
- Shook, Gary ....(1995)  
Graduate Program Director and Associate Professor, Health Science; Sc.D.,  
Tulane University School of Public Health and Tropical Medicine
- Shurtlett-Young Cheryl. ....(1978)  
Associate Professor, Art; M.A., University of Oregon
- Siegle, Del ....(1995)  
Assistant Professor, Foundations, Technology, and Secondary Education;  
Ph.D., University of Connecticut
- Sims, Robert C. ....(1970)  
Professor, History; Ph.D., University of Colorado
- Singletary, Ted J. ....(1989)  
Associate Professor, Elementary Education and Specialized Studies; Ph.D.,  
University of Illinois, Urbana-Champaign
- Skoro, Charles L. ....(1982)  
Chair and Professor, Economics; Ph.D., Columbia University
- Smith, Brent ....(1980)  
Professor, Art; M.F.A., Utah State University
- Smith, James F. ....(1992)  
Assistant Professor, Biology; Ph.D., University of Wisconsin, Madison
- Smith, Kirk ....(1993)  
Assistant Professor, Marketing and Finance; Ph.D., University of Houston
- Smith, William S. ....(1973)  
Professor, Physics; Ph.D., University of Wisconsin, Madison
- Snow, Mark E. ....(1971)  
Professor, Psychology; Ph.D., University of Utah
- Snyder, Walter S. ....(1984)  
Professor, Geosciences; Ph.D., Stanford University
- Spear, Caile E. ....(1996)  
Assistant Professor, Health, Physical Education and Recreation Ph.D.,  
University of Arkansas
- Spinosa, Claude ....(1970)  
Graduate Program Coordinator, Geology; Professor, Geosciences; Ph.D.,  
University of Iowa
- Steiner, Stanley ....(1992)  
Assistant Professor, Elementary Education and Specialized Studies; Ph.D.,  
University of Wyoming
- Stewart, Roger ....(1995)  
Professor, Elementary Education and Specialized Studies; Ph.D., Purdue  
University
- Stieglitz, Mary ....(1989)  
Professor, Art; Ph.D., University of Wisconsin
- Stitzel, Thomas E. ....(1975)  
Professor, Marketing and Finance; Ph.D., University of Oregon
- Stohr, Mary ....(1993)  
Assistant Professor, Criminal Justice Administration; Ph.D., Washington  
State University

# Boise State University Graduate Faculty

- Stohr, Mary .....(1993)  
Assistant Professor, Criminal Justice Administration; Ph.D., Washington State University
- Stokes, Lee W .....(1987)  
Director of Environmental Health and Professor, Health Studies; Ph.D., University of Minnesota, Minneapolis
- Sulanke Robert.....(1970)  
Professor, Mathematics and Computer Science; Ph.D., University of Kansas

## T

- Taye John A .....(1975)  
Professor, Art; M.F.A., Otis Art Institute
- Taylor Ronald S .....(1975)  
Professor, Art; M.F.A.; Utah State University
- Thomason George.....(1974)  
Associate Professor, Music; M.A., Boise State University
- Thorngren Connie M.....(1970)  
Associate Professor, Health, Physical Education and Recreation; M.Ed., Central Washington University
- Thorsen Carolyn.....(1987)  
Associate Professor, Foundations, Technology and Secondary Education; Ph.D., Utah State University
- Trusky Tom .....(1970)  
Professor, English; M.A., Northwestern University
- Turner, Lee Ann.....(1996)  
Assistant Professor, Art; Ph.D., University of Pennsylvania
- Turrisi, Robert.....(1995)  
Assistant Professor, Psychology; Ph.D., State University of New York at Albany
- Twight, Charlotte.....(1986)  
Professor, Economics; Ph.D., University of Washington

## U

- Uehling, Karen S.....(1981)  
Associate Professor, English; M.A., University of California, Irvine

## V

- Vaughn, Ross E.....(1973)  
Chair and Professor, Health, Physical Education and Recreation; Ph.D., Washington State University
- Vinz, Warren L.....(1968)  
Professor, History; Ph.D., University of Utah

## W

- Waag, Charles J.....(1981)  
Professor, Geosciences; Graduate Program Coordinator, Earth Sciences; Ph.D., University of Arizona
- Waite, Wenden W .....(1976)  
Chair and Professor, Elementary Education and Specialized Studies; Ph.D., Utah State University
- Walen, Sharon .....(1996)  
Assistant Professor, Mathematics and Computer Science; Ph.D., Washington State University
- Walsh, Anthony .....(1984)  
Professor, Criminal Justice Administration; Ph.D., Bowling Green State University
- Wanek, James E. ....(1997)  
Assistant Professor, Management, Ph.D., University of Minnesota
- Ward, Frederick R .....(1969)  
Professor, Mathematics and Computer Science; Ph.D., Virginia Polytechnic Institute State University
- Warner, Kathleen C.....(1966)  
Assistant Professor, English; Ph.D., Indiana University, Bloomington
- Wayne, Kathryn.....(1995)  
Assistant Professor, Foundations, Technology, and Secondary Education; Ph.D., University of Oregon

- Weatherby, James B.....(1989)  
Director, Public Affairs Program; Associate Professor, Political Science; Ph.D., University of Idaho
- White, Craig .....(1980)  
Professor, Geosciences; Ph.D., University of Oregon
- White, Harry.....(1988)  
Associate Dean for Student Academic Affairs; Graduate Studies Director, College of Business and Economics; Associate Professor, Finance; Ph.D., Texas A & M
- Wicklow-Howard, Marcia.....(1975)  
Professor, Biology; Ph.D., Oregon State University
- Widmayer, Jan .....(1978)  
Graduate Program Coordinator and Professor, English; Ph.D., University of Michigan
- Wieland, Mitchell.....(1996)  
Associate Professor, English; M.F.A., University of Alabama
- Wilkinson, Timothy J.....(1995)  
Assistant Professor, Political Science; Ph.D., University of Utah
- Willis, Lonnie L.....(1970)  
Professor, English; Ph.D., University of Colorado, Boulder
- Wilson, Martha K.....(1994)  
Graduate Program Coordinator and Assistant Professor, Social Work; Ph.D., University of Alabama
- Wilson, Monte D.....(1969)  
Professor, Geosciences; Ph.D., University of Idaho
- Wines, William A.....(1984)  
Professor, Management; J.D., University of Michigan
- Winiecki, Donald J.....(1996)  
Assistant Professor, Instructional & Performance Technology, Ed.D., Texas Tech University
- Witt, Stephanie L.....(1989)  
Chair and Associate Professor, Political Science; Ph.D., Washington State University
- Wojtkowski, W. Gregory.....(1997)  
Professor, Computer Information Systems and Production Management, Ph.D., Case Western Reserve University
- Wojtkowski, Wita.....(1997)  
Professor, Computer Information Systems and Production Management, Ph.D., Case Western Reserve University
- Wollheim, Peter .....(1989)  
Associate Professor, Communication; Ph.D., McGill University
- Wood, Spencer H.....(1977)  
Professor, Geosciences; Ph.D., California Institute of Technology
- Woods, L. Shelton.....(1994)  
Assistant Professor, History; Ph.D., University of California, Los Angeles

## Y

- Young, Katherine.....(1988)  
Professor, Elementary Education and Specialized Studies; Ed.D., Utah State University
- Young, Richard A .....(1994)  
Gallery Director and Assistant Professor, Art; M.F.A., Washington State University
- Yunker, Douglas .....(1976)  
Associate Professor, Social Work; M.S.W., Indiana University

## Z

- Zaerr, Linda M.....(1987)  
Associate Professor, English; Ph.D., Washington State University
- Zirinsky Driek.....(1984)  
Professor, English; Ph.D., University of North Carolina Chapel Hill
- Zirinsky, Michael P.....(1973)  
Director of Graduate Studies and Professor, History; Ph.D., University of North Carolina Chapel Hill

## Adjunct Graduate Faculty Part Time Faculty, Faculty from Other Universities, and Personnel from Affiliated Agencies as of March 1997

NOTE: The date in parentheses is the year of first graduate appointment.

### A

Agras, Jonathan P., M.S., Instructional Technology ..... (1996)  
Allaire, Bobbie M., M.S., Instructional Technology ..... (1994)  
Anderson, Jay E., Ph.D., Biology ..... (1986)  
Anderson, Robert C., Ph.D., Biology ..... (1986)  
Anson, Patricia Harvey, Ph.D., Instructional Technology ..... (1996)

### B

Baron, Don, M.B.A., Vietnam MBA ..... (1997)  
Barrash, Warren, Ph.D., Geosciences ..... (1995)  
Bart, Jonathan, Ph.D., Biology ..... (1997)  
Beecham, John J., Ph.D., Biology ..... (1986)  
Belcheir, Marcia J., Ph.D., Instructional Technology ..... (1996)  
Bieter, J. Patrick, Ed.D., Doctoral/Secondary Education ..... (1969)  
Bodie, Nancy, M.B.A., Vietnam MBA ..... (1996)  
Bowmer, Richard G., Ph.D., Biology ..... (1986)  
Brown, Keith, Ph.D., Instructional Technology ..... (1995)  
Bunde, Daryl E., Ph.D., Biology ..... (1986)  
Burnham, William, Ph.D., Biology ..... (1987)  
Burns, Diane, M.A., Elementary Education ..... (1994)  
Burns, Richard V., B.A., Public Affairs ..... (1996)

### C

Cade, Tom, Ph.D., Biology ..... (1989)  
Carlson, James, Ph.D., Vietnam MBA ..... (1997)  
Cerny, Jeff, D.B.A., Instructional Technology ..... (1995)  
Chadwick, Daniel G., J.D., Public Affairs ..... (1996)  
Chyung, Seung Youn, Ed.D., Instructional Technology ..... (1996)  
Coll, Kenneth M., Ph.D., Counseling ..... (1996)  
Corbin, Robert, M.A., Sociology ..... (1990)  
Cotrell, Gretchen, Ph.D., Social Work ..... (1991)  
Crookham, Larry K., M.S., Instructional Technology ..... (1996)

### D

Donato, Mary M., Ph.D., Geosciences ..... (1996)  
Donovan, Brenda, Ph.D., Psychology ..... (1997)

### E

Earnst, Susan, Ph.D., Biology ..... (1997)  
Eastmond, Daniel V., Ph.D., Instructional Technology ..... (1996)  
Eisele, Theodore A., B.S., Instructional Technology ..... (1995)  
Ensley, Mary L., M.A., Counseling ..... (1996)  
Ertmer, Peggy, Ph.D., Instructional Technology ..... (1996)

### F

Fahleson, Genger, Ph.D., Health, Phys Ed and Rec. .... (1974)  
Farrell, Larry Don, Ph.D., Biology ..... (1986)  
Fenner, JoAnn O'Brien, M.S., Instructional Technology ..... (1994)  
Freeman, Brenda, Ph.D., Counseling ..... (1996)  
Fuller, Mark R., Ph.D., Biology ..... (1992)  
Furness, Susan Reuling, M.Ed., School Counseling ..... (1997)  
Furness, Timothy J., M.Ed., School Counseling ..... (1997)

### G

Gillerman, Virginia, Ph.D., Geosciences ..... (1994)  
Gould, Elizabeth S., D.M.A., Music ..... (1997)  
Griffith, John S., Ph.D., Biology ..... (1987)

### H

Hackett, William R., Ph.D., Geosciences ..... (1987)  
Hambelton, M.Ed., Instructional Technology ..... (1987)  
Hardegree, Stuart, Ph.D., Biology ..... (1995)

Hauck, Arthur Kent, M.S., Biology ..... (1995)  
Hawkins, Nina, M.L.S., Elementary Education ..... (1992)  
Hecker, Elizabeth, Ph.D., Political Science ..... (1985)  
Hoffman, Rebecca, Theatre Arts ..... (1997)  
Holmes, Robina, M.Ed., Elementary Education ..... (1992)  
Hoopes, Gaye, M.A., Art ..... (1990)  
Hole, Karl E., Ph.D., Biology ..... (1987)  
House, Edwin W., Ph.D., Biology ..... (1986)  
Huang, Kangle, Ph.D., Geosciences ..... (1977)

### I

Ilett, Frank Jr., M.B.A., Accountancy ..... (1996)

### J

Johnson, Rich, Ph.D., Secondary Education ..... (1987)

### K

Keller, Barry L., Ph.D., Biology ..... (1986)  
Kerns-Blain, Angeline, M.A., Sociology ..... (1990)  
Kiff, Lloyd Francis, M.A., Biology ..... (1995)  
Klautsch, Ann B.F.A., Theatre Arts ..... (1995)  
Knapp, James M.S.W., Social Work ..... (1993)  
Knick, Steven T., Ph.D., Biology ..... (1990)  
Knoll, Michael D., Ph.D., Geosciences ..... (1996)  
Knox, Ellis (Skip) Ph.D., History ..... (1990)  
Kochert, Michael, Ph.D., Biology ..... (1987)

### L

Linder, Allan D., Ph.D., Biology ..... (1986)  
Link, Paul Karl, Ph.D., Geosciences ..... (1987)  
Louis, Galen, M.S., Health Science ..... (1996)  
Lovin, Hugh, Ph.D., History ..... (1971)  
Low, Walton H., B.S., Health Studies ..... (1995)  
Lyle, Mitchell, Ph.D., Geosciences ..... (1995)

### M

Marti, Jr. Carl D., Ph.D., Biology ..... (1987)  
Marzluff, John M., Ph.D., Biology ..... (1991)  
Mazaika, Rosemary, M.S., Biology ..... (1994)  
McClure, Kenneth R., J.D., Public Affairs ..... (1997)  
McCornac, Dennis, Ph.D., Vietnam MBA ..... (1997)  
McCune, Mary Joan H., Ph.D., Biology ..... (1986)  
McCune, Ronald W., Ph.D., Biology ..... (1986)  
McIntyre, John D., Jr., Ph.D., Vietnam MBA ..... (1996)  
McIsaac, Hugh, Ph.D., Biology ..... (1994)  
Melquist, Wayne, Ph.D., Biology ..... (1988)  
Minshall, G. Wayne, Ph.D., Biology ..... (1986)  
Moore, Heber G., Ph.D., Instructional Technology ..... (1996)  
Most, Marshall, M.A., Communication ..... (1995)

### N

Newby, Timothy, Ph.D., Instructional Technology ..... (1997)  
Noonan, Elizabeth (Bonnie), M.S., Elementary Education ..... (1994)  
Nguyen, Quy, DSc., Vietnam MBA ..... (1997)

### O

Oberbeck, Verne, Ph.D., Geosciences ..... (1994)  
Octavio, Brigida, Ph.D., Vietnam MBA ..... (1997)  
Orr, Martin, Ph.D., Sociology ..... (1997)  
Osiensky, James, Ph.D., Geosciences ..... (1990)  
Othberg, Kurt L., Ph.D., Geosciences ..... (1996)  
Ourada, Patricia K., Ph.D., History ..... (1973)



# Boise State University Adjunct Graduate Faculty

## P

Phelps, Ruth, Ph.D., Secondary Education.....(1994)  
Plasket, Donna, Ph.D., Education .....(1996)  
Pullen, Rebecca, Ph.D., Biology .....(1994)

## R

Reese, Ginny, M.A., Instructional Technology .....(1996)  
Reese, Kerry Paul, Ph.D., Biology .....(1987)  
Richards, David, M.A., Vietnam MBA .....(1997)  
Robinson, Julia, Ph.D., Health Science.....(1997)  
Rodgers, David W., Ph.D., Geosciences .....(1987)  
Rosentreter, Roger, Ph.D., Biology .....(1987)

## S

Sallabanks, Rex, Ph.D., Biology .....(1994)  
Sawyer, Phyllis, M.A., Health Science .....(1993)  
Scalarone, Gene Martin, Ph.D., Biology .....(1986)  
Schlesinger, Robert, Ph.D., Vietnam MBA .....(1997)  
Scott, J. Michael, Ph.D., Biology .....(1987)  
Schmidt, Jim L., Ed.D., Counseling .....(1996)  
Seeley, Rodney R., Ph.D., Biology .....(1986)  
Seyfried, Mark, Ph.D., Geosciences .....(1993)  
Shaw, Stephen, Ph.D., Political Science .....(1990)  
Small, Milton, M.A., History .....(1990)  
Smith, E.J., M.S., Geosciences .....(1995)  
Spall, Richard D., Ph.D., Biology .....(1986)  
Stauber, Erik H., Ph.D., Biology .....(1987)  
Steenhof, Karen, M.S., Biology .....(1987)  
Steinbroner, Fred, M.S., Secondary Education .....(1986)  
Stephens, Trent D., Ph.D., Biology .....(1986)  
Straub, Hilary, Ph.D., Nursing .....(1989)  
Streubel, Donald P., Ph.D., Biology .....(1986)  
Squires, Edward, M.S., Geosciences .....(1995)

## T

Toney, Patricia N. MA., Secondary Education.....(1996)  
Tullis, James E., Ph.D., Biology .....(1986)  
Tydeman, William, Ph.D., History .....(1994)

## U

Urfer, Alexander G., Ph.D., Biology.....(1986)

## V

Vakili, Donna, M.S., Secondary Education .....(1996)  
Virta, Alan, M.L.S., History .....(1989)

## W

Watson, Richard T., Ph.D., Biology .....(1990)  
Watts, Barry, Ph.D., Counseling .....(1996)  
Weathers, Lynne Koch, M.A., Elementary Education .....(1992)  
Whitacre, David, Ph.D., Biology .....(1990)  
White, Clayton, M. Ph.D., Biology .....(1987)  
Williams, Rick, Ph.D., Biology .....(1989)  
Wilson, Kevin, M.A., English .....(1995)  
Winborne, Charles B., Ph.D., Instructional Technology .....(1996)  
Winston, Vern, Ph.D., Biology .....(1986)  
Worthen, Blaine R., Ph.D., Instructional Technology .....(1995)

## Y

Young, Virgil M., Ph.D., Secondary Education .....(1970)

## Z

Zolhweg, James E., M.S., Geosciences .....(1995)

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# Boise State University CAMPUS MAP

## BOISE STATE UNIVERSITY CAMPUS GUIDE

1. John B. Barnes Towers (2303)
2. Morrison Center (2201)
3. Health Science Center (2278)
4. Science/Nursing (2133)
5. Education Annex (2200)  
Student Support Program (B2200/C2200)  
Applied Cognition Research Institute (A2200)
6. University Courts (2209-99 Yale Lane)
7. University Heights (2650-60 Boise Ave.)
8. Education Building (2133)
9. Public Affairs & Art West (2100)
10. Student Health Center (2103)
11. Simplot/Micron Center (2055)
12. Math/Geosciences Building (2000)
13. Career Center (2065)
14. Business Building (1987)
15. Administration Building (1910)
16. University Manor (1910-2024 Boise Ave.)
17. Library (1865)
18. Hemingway Western Studies Center (1819)
19. Liberal Arts Building (1874)
20. Heating Plant (1830)
21. Special Events Center (1800)
22. Communication Building (1711)
23. Driscoll Hall (1607)
24. Morrison Hall (1515)
25. Chaffee Hall (1421)
26. Historic Opaline School (1723)
27. Computer Annex/Police/Select-A-Seat (1695)
28. Student Union Building (1700)
29. SUB Annex 1, The Arbiter (1805 University Dr.)
30. SUB Annex 2, (1005 University Dr.)
31. Annex 2 Storage (1102 Lincoln Ave.)
32. Annex 5 Storage-Geology (1115 Lincoln Ave.)
33. Theatre Arts (1010 Lincoln Ave.)
34. Annex 3 Projects, Education, 1008 Michigan Ave.)
35. Physical Education, Pool (1476)
36. Pavilion (1401)
37. Human Performance Lab, Gym (1404)
38. Mechanical Technology Building (1490)
39. Technical Services (1464)
40. Physical Plant/Central Receiving (1004 Vermont)
41. Annex 6 Safety and Training Plant (1020 Vermont)
42. Annex 7 Educational Talent Search (1024 Vermont)
43. Art/Ceramic/Photo (1426 Belmont)
44. VT Child Care Lap (1504 Belmont)
45. Projects-Social Science (1110 Vermont)
46. Maintenance Building (1356)
47. Diesel Technology (1319)
48. Culinary Arts (1310)
49. Applied Technology (1402)
50. Idaho Sports Medicine Institute (1188)
51. Bronco Stadium (1190)
52. Christ Chapel (1010 Campus Ln.)
53. Varsity Center (1190)
54. Engineering Technology (1375)
55. Art/English Annex (1875)
56. Lincoln Hall (1015-21 Lincoln Ave.)
57. Amphitheater (1801 Campus Lane)
58. Modular Classrooms (1,2,3)
59. Technical Support 1 (1009 Euclid Ave.)
60. Technical Support 2 (1013 Euclid Ave.)
61. Construction Mgmt. Lab (1029 Manitou)
62. ISBDC (1021 Manitou)
63. Annex 4 (1010)
64. Lockshop (1550)
65. Intramural and Recreational Facility
66. U of I Engineering
67. Geology Annex (1202)
68. Department of Campus Safety (2240)
69. Student Residential Life (1015-17)
70. Grounds Crew (1510)
71. Annex 11 (1109)
72. Northwest Association of Schools & Colleges
73. Parking Annex
74. Annex 8-University Architects (1885)
75. SRL (1803 Donald Circle)
76. SRL (1809 Donald Circle)
77. RRTAC (2091)
78. University Village (2510 A-E)
79. Theater Arts Annex (2611 W. Boise Ave.)
80. University Park Apts.
81. Health Science Riverside

