

קייט דה סק

קייט דה סק

קייט דה סק

BOISE STATE UNIVERSITY BULLETIN

Directory Information

BOISE STATE UNIVERSITY
1910 College Blvd.
Boise, Idaho 83725
Telephone 208/385-1011

Extension

President	
John B. Barnes	1201
Executive Vice President	
Richard E. Bullington	1202
Vice President for Financial Affairs	1200
Asa M. Ruyle	
Vice President for Student Affairs	
David S. Taylor	1418
Director, Extended Day, Weekend University and Summer Sessions	
James R. Wolfe	1205
Director, Continuing Education, Off-Campus Programs	
William Jensen	3293
Dean of Admissions	
Guy L. Hunt	1177
Registrar	
Leland Mercy, Jr.	1532

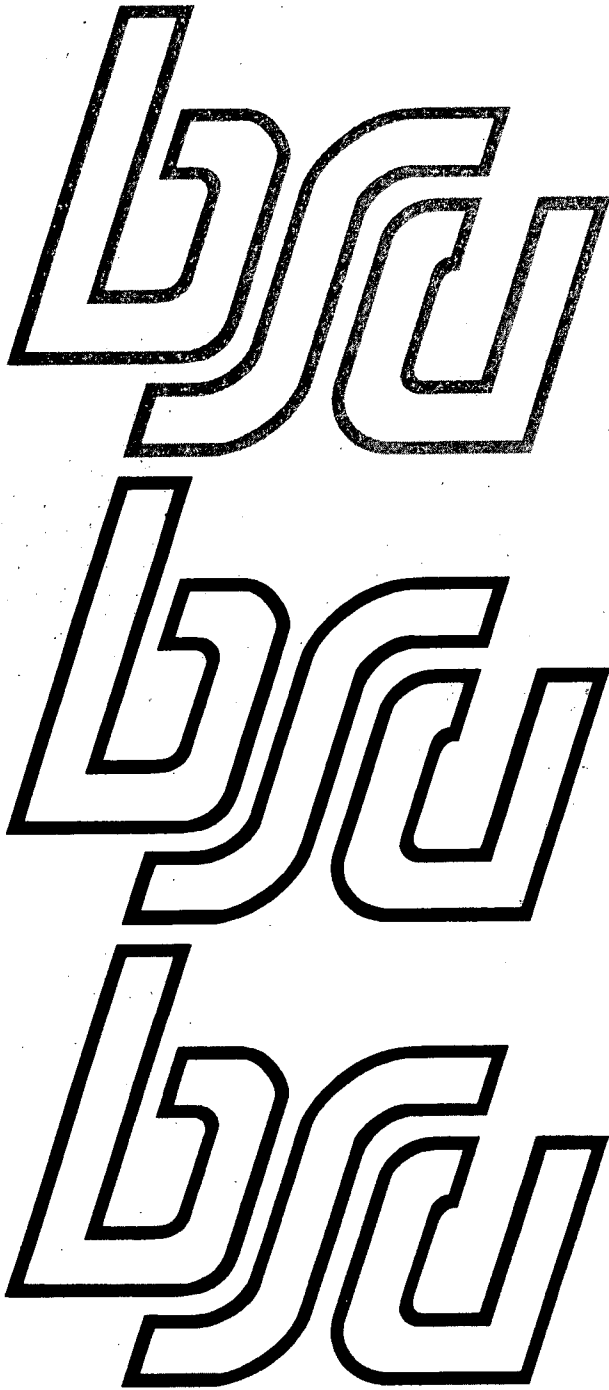
The purpose of the Boise State University Bulletin, Catalog Issue is to provide current, articulate and accurate information about Boise State University for the guidance of prospective students, for faculty and administrative officers, for students currently enrolled, and for other education or allied 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 In particular, when an instructional program is to be withdrawn, the university will make every reasonable effort to ensure that students who are within two years of completing the graduation requirements, and who are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progress toward the completion of those requirements, will have the opportunity to complete the program which is to be withdrawn.

PHOTOGRAPHY: Chuck Scheer, Bob C. Hall, Kim Rogers, Larry Burke.

COVER DESIGN: Barbara Moll.





Boise State University

Bulletin

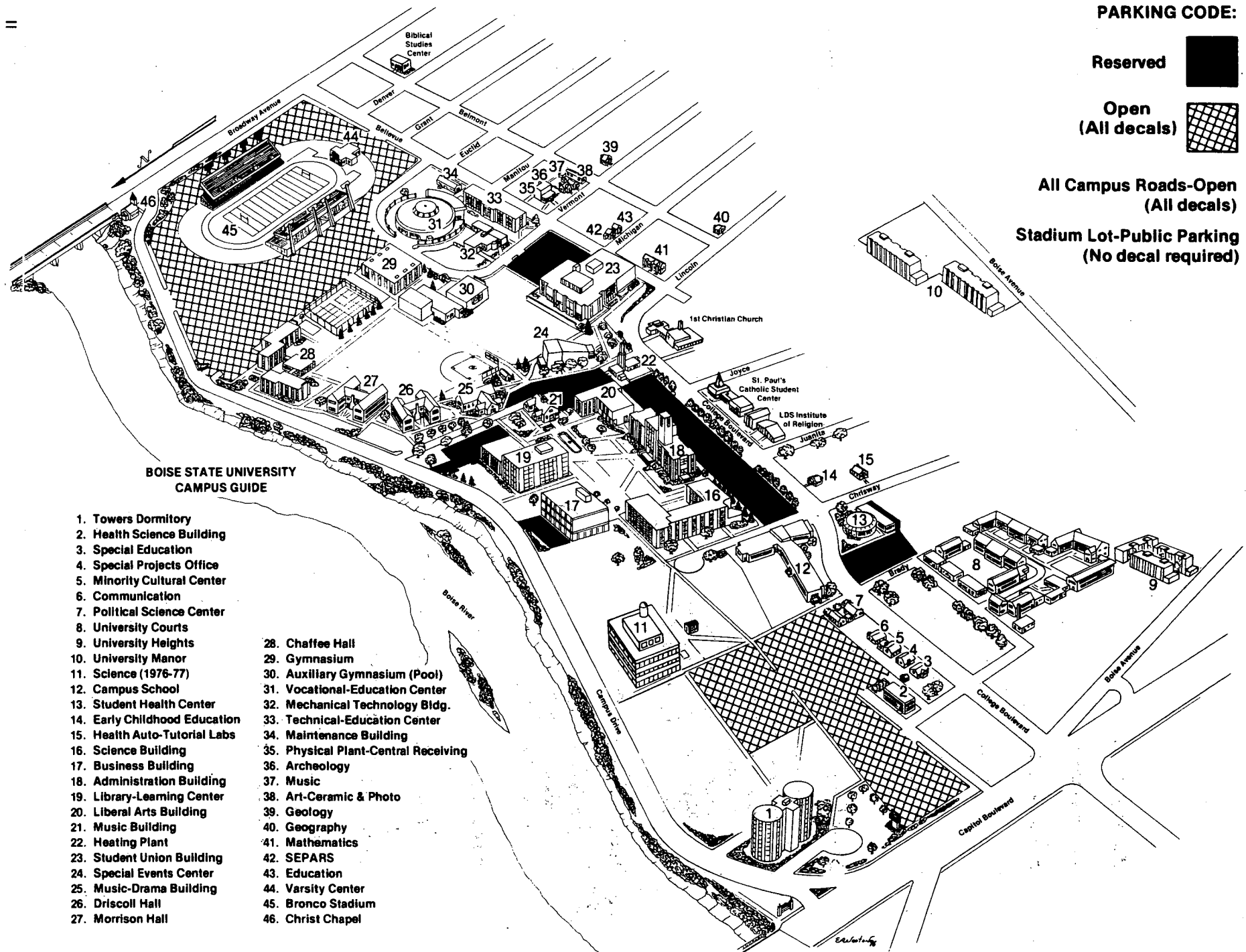
1976-77

Catalogue Issue

An Equal Opportunity Employer

Vol. XLIV March 15, 1976 No. 1



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, or sex, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Sections 799A and 845 of the Public Health Service Act, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.



**BOISE STATE UNIVERSITY
CAMPUS GUIDE**

- | | |
|-------------------------------|--------------------------------------|
| 1. Towers Dormitory | 28. Chaffee Hall |
| 2. Health Science Building | 29. Gymnasium |
| 3. Special Education | 30. Auxillary Gymnasium (Pool) |
| 4. Special Projects Office | 31. Vocational-Education Center |
| 5. Minority Cultural Center | 32. Mechanical Technology Bldg. |
| 6. Communication | 33. Technical-Education Center |
| 7. Political Science Center | 34. Maintenance Building |
| 8. University Courts | 35. Physical Plant-Central Receiving |
| 9. University Heights | 36. Archeology |
| 10. University Manor | 37. Music |
| 11. Science (1976-77) | 38. Art-Ceramic & Photo |
| 12. Campus School | 39. Geology |
| 13. Student Health Center | 40. Geography |
| 14. Early Childhood Education | 41. Mathematics |
| 15. Health Auto-Tutorial Labs | 42. SEPARS |
| 16. Science Building | 43. Education |
| 17. Business Building | 44. Varsity Center |
| 18. Administration Building | 45. Bronco Stadium |
| 19. Library-Learning Center | 46. Christ Chapel |
| 20. Liberal Arts Building | |
| 21. Music Building | |
| 22. Heating Plant | |
| 23. Student Union Building | |
| 24. Special Events Center | |
| 25. Music-Drama Building | |
| 26. Driscoll Hall | |
| 27. Morrison Hall | |

PARKING CODE:

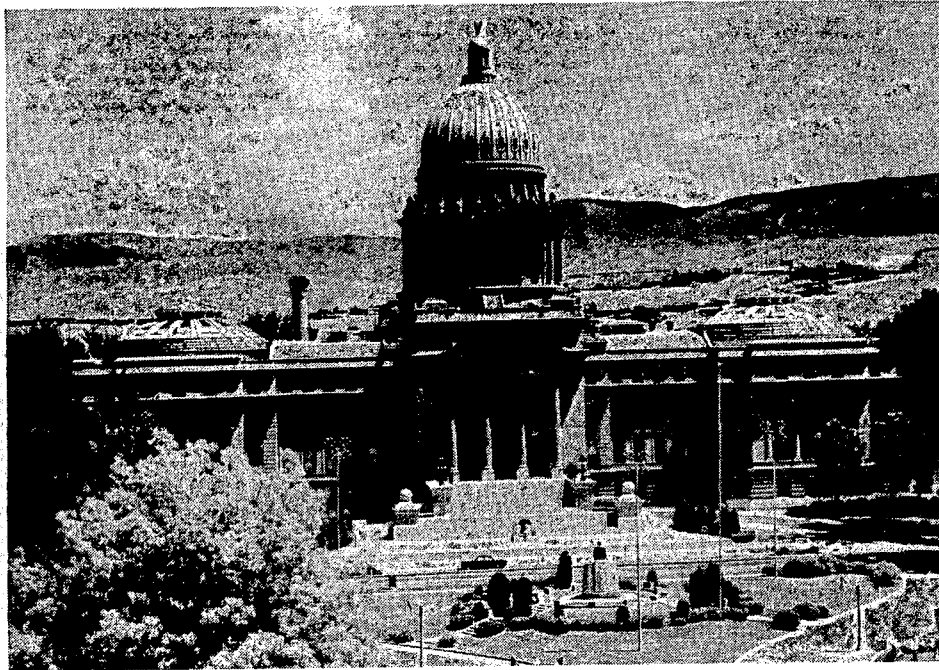
- Reserved 
- Open (All decals) 

All Campus Roads-Open
(All decals)

Stadium Lot-Public Parking
(No decal required)

CONTENTS

Map of Campus	II
Administration	IV
Academic Calendar	VI
PART I GENERAL INFORMATION AND ADMISSIONS	1
Institutional Mission and Objectives	2
Admission	2
Schedule of Fees and Charges	5
PART II ACADEMIC INFORMATION	9
Library-Learning Center	9
Honors Program	10
Educational Opportunities	10
Outreach Services and Programs	12
Academic Regulations	13
Graduation Requirements	16
Course Designations	21
PART III STUDENT AFFAIRS	25
Services	26
Student Activities	29
Housing	31
PART IV SCHOOL OF ARTS AND SCIENCES	35
PART V SCHOOL OF BUSINESS	79
PART VI SCHOOL OF EDUCATION	97
PART VII SCHOOL OF HEALTH SCIENCES	115
PART VIII GRADUATE SCHOOL	129
PART IX AREA VOCATIONAL-TECHNICAL SCHOOL	133
FACULTY	145
EMERITI	155
INDEX	156



Boise State University Administration

BOARD OF TRUSTEES

A.L. ALFORD, Jr. (term expires 1978)	Lewiston
EDWARD L. BENOIT (term expires 1978)	Twin Falls
JANET HAY, (term expires 1977)	Nampa
J. CLINT HOOPES, (term Expires 1979)	Rexburg
J.P. MUNSON, M.D., (term expires 1976)	Sandpoint
LENO D. SEPPI, D.D.S. (1979)	Lava Hot Springs
MILTON SMALL, Executive Director for Higher Education	Boise
JOHN W. SWARTLEY, M.D., (term expires 1980)	Boise
ROY TRUBY, State Superintendent of Public Instruction (ex officio member)	Boise

EXECUTIVE ADMINISTRATION

PRESIDENT	John B. Barnes, Ed. D.
<i>Administrative Assistant</i>	Jacquelyn Cassell
EXECUTIVE VICE PRESIDENT	Richard E. Bullington, Ed. D.
<i>Administrative Assistant</i>	Herbert W. Runner, M.S.
VICE PRESIDENT FOR FINANCIAL AFFAIRS	Asa M. Ruyle, Ed. D.
VICE PRESIDENT FOR STUDENT AFFAIRS	David S. Taylor, Ph. D.

ACADEMIC ADMINISTRATION

DEAN, SCHOOL OF ARTS AND SCIENCES	Joseph B. Spulnik, Ph. D.
<i>Associate Dean</i>	William E. Shankweiler, Ph. D.
DEAN, SCHOOL OF BUSINESS	Charles D. Lein, Ed. D.
<i>Assistant Dean</i>	J.G. Doss, M.S.
DEAN, SCHOOL OF EDUCATION	Gerald R. Wallace, Ed. D.
<i>Assistant Dean</i>	Clyde M. Martin, Ed. D.
DEAN, SCHOOL OF HEALTH SCIENCES	Victor H. Duke, Ph. D.
DIRECTOR, AREA VOCATIONAL-TECHNICAL SCHOOL	Gilbert McDonald Miller
<i>Assistant Director</i>	Glen Linder
DIRECTOR, EXTENDED DAY, SUMMER SESSIONS	James R. Wolfe, Ph. D.
<i>Assistant Director</i>	Robert S. Gibb, M. Ed.
DIRECTOR, CONTINUING EDUCATION	William L. Jensen, M.A.



ADMINISTRATIVE SERVICE OFFICERS

Gary Bermeosolo, B.A., *Coordinator, Veterans Affairs*
Betty J. Brock, B.S.B.A., *Manager, Your Campus Store*
Jane Buser, B.A., *Personnel Director*
Maximo J. Callao, Ph.D., *Counselor*
Erma M. Callies, B.S., *Vocational Counselor*
Wilber R. Collins, *Purchasing Officer*
A. Jerry Davis, M.Ed., *Director, High School and University Relations*
Anne N. DeLaurier, Ph.D., *Counselor*
Richard Downs, Ph.D., *Counselor*
Jim Faucher, B.A., *Sports Information Director*
Robert C. Hall, B.A., *Director, Information Services*
Richard K. Hart, Ph.D., *Director, Center for Business and Economic Research*
Helen Huff, B.A., *Coordinator, Adult Basic Education*
Guy L. Hunt, Ph.D., *Dean of Admissions*
Stephen Jensen, B.A., *Director, Printing and Graphics Services*
Theodore F. Keith, B.S., C.P.A., *Internal Auditor*
William F. Kirtland, Ed.D., *Director, Reading Center*
Stephen E. Maloney, B.S., *Director, Center for Data Processing*
William P. Mech, Ph.D., *Director, Honors Program*
Herbert O. Mengel, B.S., *Director, Buildings and Grounds*
Leland Mercy, Jr., B.A., *Registrar*
Susan Mitchell, M.S., *Director of Student Residential Life*
Rosalie Nadeau, M.Ed., *Director, Affirmative Action Programs*
James M. Nally, B.A., *Director, Alumni Affairs*
Fred Norman, M.A., *Director of Student Union Building*
Gordon G. Phillips, B.S., *Director of Administrative Services*
Palmer H. Putnam, B.Arch.Eng., *Project Coordinator*
Dennis C. Quinowski, B.S., *Vocational Counselor*
Richard Rapp, M.S., *Director of Career and Financial Services*
F. Richard Reed, B.M.S., *Coordinator, Student Financial Aid Programs*
Gerald R. Reed Ed.D., *Director, Special Projects*
Jack A. Schlaefle, M.A., *Director, Educational Television*
Lyle Smith, M.S.Ed., *Director of Athletics*
Stephen Spafford, M.A., *Assistant Dean of Admissions and Records, Schedule Coordinator, Foreign Student Admissions Counselor*
Ronald Stephenson, M.B.A., *Assistant Director of Athletics*
Connie M. Thomgren, M.Ed., *Assistant Director of Athletics*
David P. Torbet, Ph.D., *Director, Center for Counseling, Guidance, and Testing*
Lawrence Trimble, M.Ed., *Vocational Counselor*
Ronald R. Turner, B.C.S., C.P.A., *Budget Director*
Darrell R. VanKleek, B.S., *Chief Accountant*
Edwin Wilkinson, M.S., *Dean of Student Advisory and Special Services*

BOISE STATE UNIVERSITY CALENDAR - 1976-77

SUMMER SESSION 1976

June 5, Saturday, 9:00 am-1:00 pm	Registration in Gymnasium
June 7, Monday	Graduate 8 Week Session Until July 30
June 7, Monday	First 5 Week Session Until July 9
June 12, Saturday 8:30 a.m.-12:00 noon (L247)	Graduate Record Examination*
June 18, Friday	Last Day to File Application for Summer Graduation Diplomas
July 10, Saturday 9:00 am-1:00 pm	Registration in Gymnasium
July 10, Saturday 8:30 am-12:00 noon (L247)	Graduate Management Admission Test (GMAT)*
July 12, Monday	Second 5 Week Session Until August 13

FALL SEMESTER 1976

August 13, Friday	Last day for submitting application for Fall Semester to be assured of a registration packet at Priority Registration (Aug. 25-27); ...Students submitting applications after this date will be required to register at Open Registration in the Gym Saturday, August 28, 9:00 am-12:00 noon, or at Late Registration in the Administration Building beginning Tuesday, August 31, at 9:00 am
August 23, Monday	Department Chairmen meeting (by school); ...Faculty orientation; ...All Faculty on duty
August 24, Tuesday	Late ACT Test (\$14.00 fee) in Gym (9:00 am); ...Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am-4:00 pm); ...Residence halls open (1:00 pm); ...Foreign Language Placement Test in Liberal Arts Bldg., Room 206 (4:00 pm)
August 25, Wednesday	Registration by schedule in Gym for physically handicapped, graduate students and seniors (8:00 am-3:00 pm); ...New student orientation and group counseling in SUB (8:00-10:00 am); ...Pre-registration counseling in advisors' offices for freshmen and new students (10:30 am-4:30 pm)
August 26, Thursday	Registration by schedule in Gym for juniors and sophomores (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool, Liberal Arts Bldg. (8:00 am-2:30 pm)
August 27, Friday	Registration by schedule in Gym for freshmen (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 am-2:30 pm)
August 27, Friday	Evening Registration for students registering ONLY in Extended Day, Weekend University, and Graduate Program courses (7:00-9:00 pm)
August 28, Saturday	Open Registration - All Students (9:00 am-12:00 noon)
August 30, Monday	Day and Evening Program classes begin; ...Early Morning Program classes begin (6:30 am); ...Evening Registration in the Administration Bldg. for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program classes (6:30-9:00 pm)
August 31-Sept. 3, Tuesday through Friday	Late Registration continues in the Administration Bldg. (9:00 am-4:00 pm and 6:30-9:00 pm)
September 3, Friday	Friday Evening classes begin
September 4, Saturday	Registration for Weekend University Program classes (Friday evening, Saturday, and Sunday classes ONLY) in Administration Bldg., Room 104 (8:30-10:30 am); ...Saturday classes begin
September 5, Sunday	Sunday classes begin
September 6, Monday	Labor Day (Holiday)
September 10, Friday	Last day to register late, except by petition; ...Last day to add new courses for credit or to change from audit to credit except with consent of instructor (9:00 pm close)
October 8, Friday	Last day to file application with department for admission to candidacy and graduation for Masters Degree; ...Last day to file application with Registrar for graduation for Baccalaureate and two-year or less degrees, diplomas and certificates
????, Saturday	Homecoming
October 16, Saturday	Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
October 29, Friday	Mid-semester report issued; ...Notification of incompletes from previous semester; ...Last day to file application with department for final Masters written examination
November 12, Friday	Last day for withdrawal without penalty for failing work
November 13, Saturday	Final written examination for Masters Degree
November 19, Saturday	Last day to submit final copy of Masters thesis and project with department
November 25-28, Thursday through Sunday	Thanksgiving Day (Holiday)
November 27, Saturday	Last day for final oral examinations in defense of thesis and applied project for Masters Degree
November 29, Monday	Classes resume; ...Last day to add to, withdraw from classes or change status from credit to audit; ...Last day to register by petition
December 11, Saturday	Graduate Record Examination (GRE) at College of Idaho*
December 16, Thursday	Classroom instruction ends
December 17-21, Friday, Saturday, Monday, Tuesday (10:00 pm)	Semester examinations
December 21, Monday	Fall Semester ends (10:00 pm); ...Residence halls close (11:00 pm)

*Registration card and payment for these tests should be mailed to ETS at least four weeks before test date.

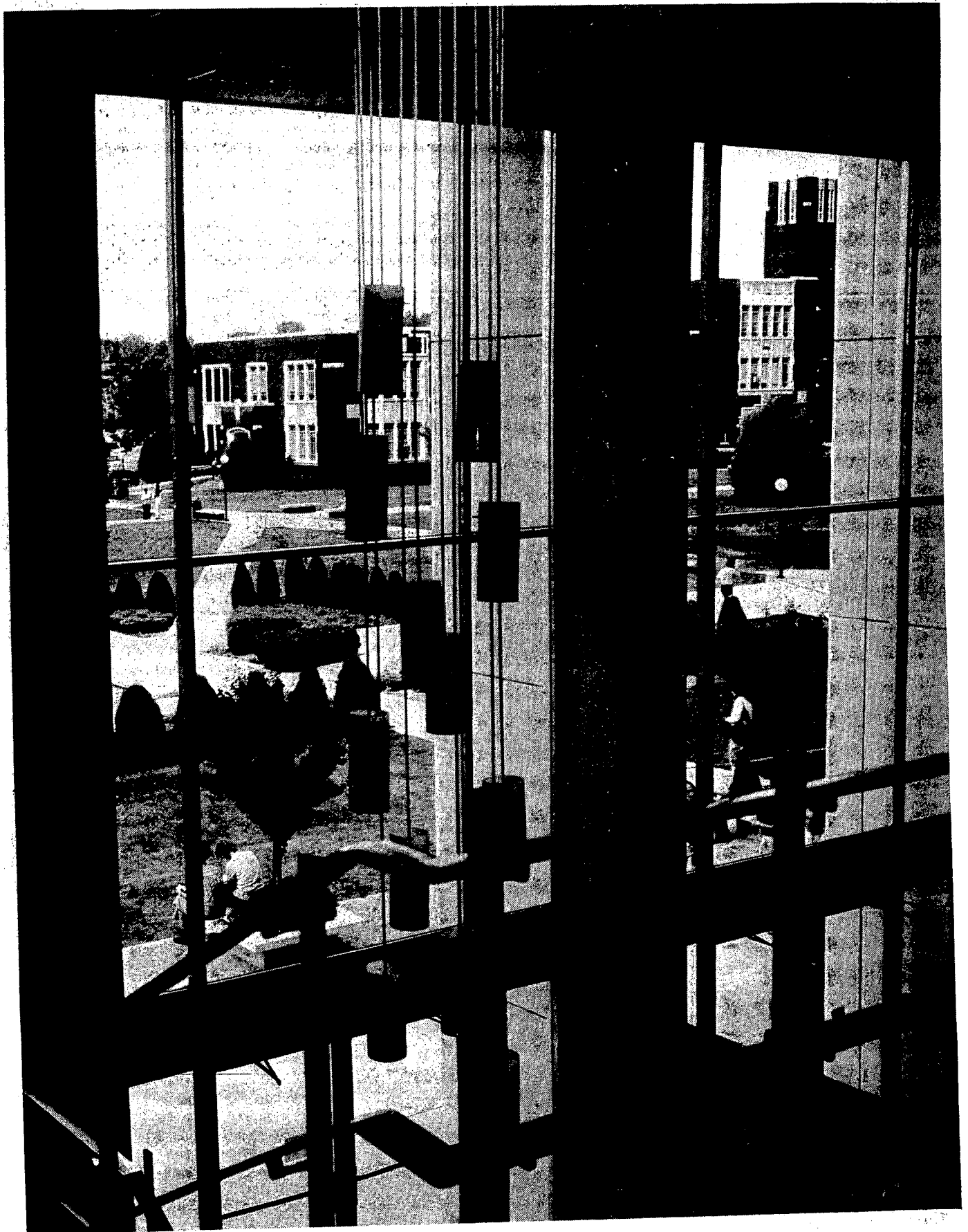
SPRING SEMESTER 1977

December 30, Thursday	Last day for submitting application for Spring Semester to be assured of a registration packet at Priority Registration (Jan. 12-14); ...Students submitting applications after this date will be required to register at Open Registration in the Gym Saturday, January 15, 9:00 am-12:00 noon, or at Late Registration in the Administration Bldg. beginning Tuesday, January 18, at 9:00 am
January 8, Saturday	Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
January 10, Monday	Department Chairmen meeting (by school); ...Faculty orientation; ...All faculty on duty
January 11, Tuesday	Late ACT Test (\$14.00 fee) in Liberal Arts Bldg., Room 106 (9:00 am); ...Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am-4:00 pm); ...Residence halls open (1:00 pm); ...Foreign Language Placement Test in Liberal Arts Bldg., Room 204 (4:00 pm)
January 12, Wednesday	Registration by schedule in Gym for physically handicapped, graduate students and seniors (8:00 am-3:00 pm); ...New student orientation and group counseling in Liberal Arts Bldg., Room 106 (8:00-10:00 am); ...Pre-registration counseling in advisors' offices for freshmen and new students (10:30 am-4:30 pm)
January 13, Thursday	Registration by schedule in Gym for juniors and sophomores (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool, Liberal Arts Bldg. (8:00 am-2:30 pm)
January 14, Friday	Registration by schedule in Gym for freshmen (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 am-2:30 pm)
January 14, Friday	Evening Registration for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program courses (7:00-9:00 pm)
January 15, Saturday	Open Registration - All students (9:00 am-12:00 noon)
January 17, Monday	Day and Evening Program classes begin; ...Early Morning Program classes begin (6:30 am); ...Evening registration in the Administration Bldg. for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program courses (6:30-9:00 pm)
January 18-28, Tuesday through Friday	Late registration continues in Administration Bldg. (9:00 am-4:00 pm and 6:30-9:00 pm)
January 21, Friday	Friday Evening classes begin
January 22, Saturday	Registration for Weekend University Program classes (Friday evening, Saturday, and Sunday classes ONLY) in Administration Bldg., Room 104 (8:30-10:30 am); ...Saturday classes begin; ...Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
January 23, Sunday	Sunday classes begin
January 28, Friday	Last day to register late, except by petition; ...Last day to add new courses for credit or to change from audit to credit except with consent of instructor (close 4:00 pm)
January 29, Saturday	Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
February 18, Friday	Last day to file application with department for admission to candidacy and graduation for Masters Degree; ...Last day to file application with Registrar for graduation for Baccalaureate and two-year or less degrees, diplomas, and certificates
February 26, Saturday	Graduate Record Examination (GRE) at College of Idaho*
March 11, Friday	Mid-semester report issued; ...Notification of incompletes from previous semester; ...Last day to file application with department for final Masters written examination
March 14-20, Monday through Sunday	Spring Vacation
March 21, Monday	Classes resume
March 25, Friday	Last day for withdrawal without penalty for failing work
March 26, Saturday	Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
April 9, Saturday	Final written examination for Masters Degree
April 16, Saturday	Last day to submit final copy of Masters thesis and project with department
April 21, Thursday	Last day for final oral examinations in defense of thesis and applied project for Masters Degree; ...Last day to add to, withdraw from classes or change status from credit to audit; ...Last day to register by petition
April 30, Saturday	Graduate Record Examination (GRE) at College of Idaho*
May 6, Friday	Classroom instruction ends
May 9-12 Monday through Thursday	Semester examinations
May 12, Thursday	Spring Semester ends (5:00 pm); ...Residence halls close (6:00 pm)
May 15, Sunday	Commencement

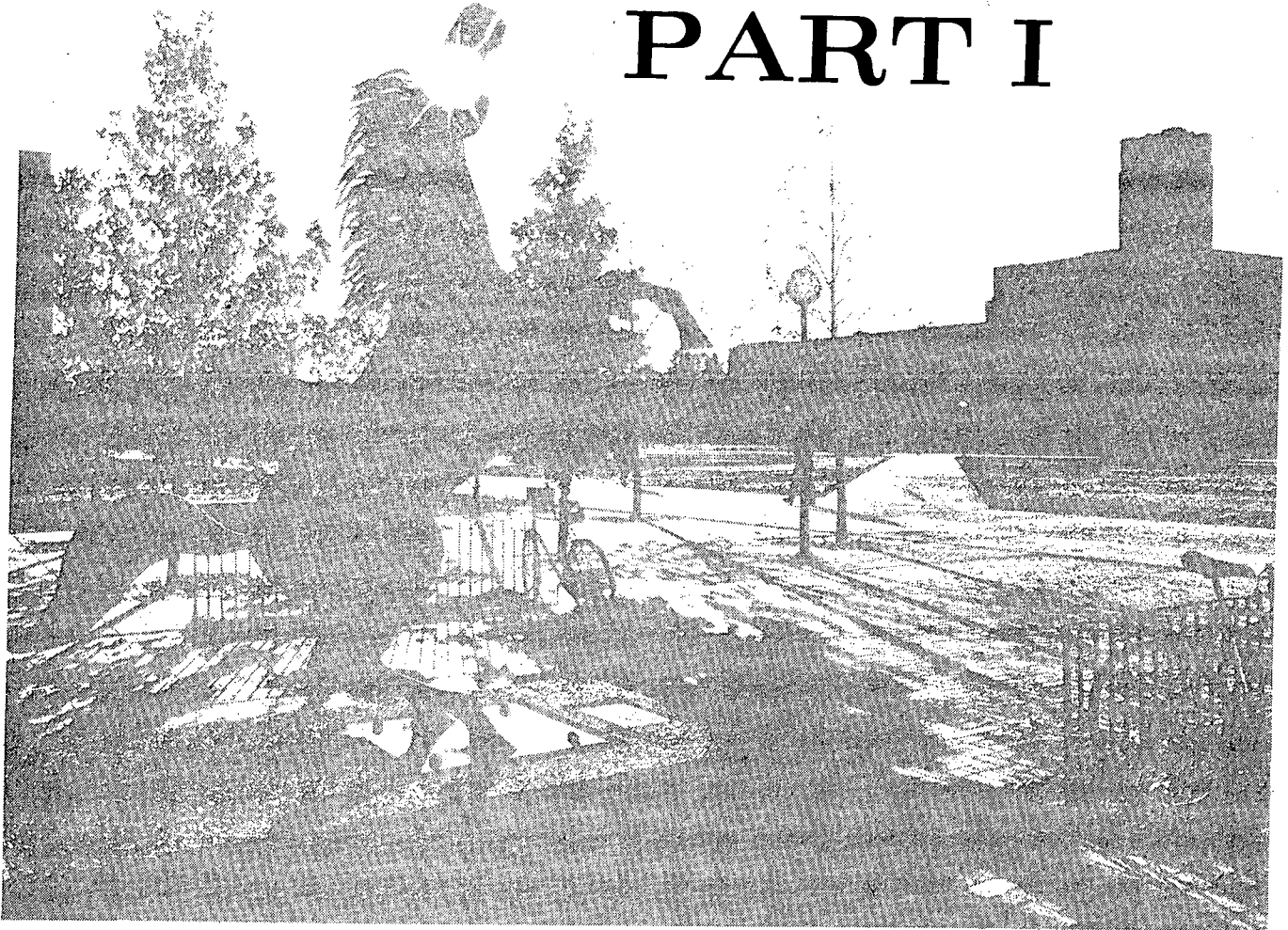
SUMMER SESSION 1977

June 4, Saturday, 9:00 am-1:00 pm	Registration in Gymnasium
June 6, Monday	8 Week Session Until July 29
June 6, Monday	First 5 Week Session Until July 8
June 11, Saturday 8:30 am-12:00 noon (L247)	Graduate Record Examination*
June 17, Friday	Last Date to File for Summer Graduation Diplomas
July 9, Saturday 8:30 am-12:00 noon (L247)	Graduate Management Admission Test*
July 11, Monday	Second 5 Week Session Until August 12

*Registration card and payment for these tests should be mailed to ETS at least four weeks before test date.



PART I



General Information & Admissions

The foundation for Boise State was laid in 1932. The institution advanced for many years as a public institution financed by a local tax district. Since 1969, when Boise State entered the state system of higher education, significant progress has been made in the development of the campus facilities for instruction, research, and service to Idaho publics.

Boise State is organized into six schools: the School of Arts and Sciences, the School of Business, the School of Education, the School of Health Services, the Vocational-Technical Education School, and the Graduate School. Undergraduate degrees are offered in many fields, and graduate degrees are offered in elementary and secondary education, business administration and public administration.

The university has an extensive late afternoon and evening program which provides educational opportunity for full-time students who need to schedule classes at that time and for part-time students who are pursuing a degree while they are employed. The university provides many opportunities for professional and technical upgrading and retraining to the citizens of the Treasure Valley.

Institutional Mission & Objectives

The paramount role of a university was set long ago. It is to educate the individual, to ensure his development, and to enlarge his opportunity. We must rededicate ourselves to these goals and thereby strengthen them in a world of restless political, social, technological and economic change.

We believe that every university student needs a broad education to equip him for mobility in employment, in social life, in community, state and national citizenry, and that each student deserves an environment that contributes to his total growth as an individual. Therefore, the university should help to create an intellectual atmosphere that encourages students to develop a scientific spirit of investigation that becomes a life-long approach to issues and problems — in essence, to provide the opportunity for a sound, liberal education for all of its students through formal classes and informal avenues of learning and, hopefully, to liberate their minds from stereotyped thought and shallow decision making.

The university should provide a range of opportunities for student-faculty dialogue in other than a classroom situation, as well as provide educational opportunities to its students through self-government and other student activities that enhance self-growth, and various individual services that correlate with instruction, such as counseling, guidance, placement, testing and health services.

We also believe strongly in the development of special educational areas to equip students with the professional or technical skills and knowledges necessary for entrance into employment upon graduation. In addition, we seek to help students gain respect for excellence of performance and to provide educational programs that prepare them to become workers and leaders in the professions, in business, in governmental positions, in teaching and in industrial occupations.

We further believe that a state university must recognize its responsibility to the public it serves and should, therefore assist in the state's growth and development by always making its resources available for solving problems, by making a variety of cultural, vocational and occupational experiences available through its publications, workshops, concerts, plays, speakers, conferences, evening course offerings and sports events, and by offering educational training and retraining programs needed by education, industry and business.

In essence, then, the prime purpose of this state university is influencing the thought and behavior of its students and its public, and the prime recognition is that both teaching and learning are best accomplished when a variety of techniques and skills are aptly employed.

ACCREDITATION AND AFFILIATION

Boise State University is fully accredited with membership in the Northwest Association for Schools and Colleges. Boise State holds permanent membership in the College Entrance Examination Board and the College Scholarship Service Assembly, is on the approved list of the American Association of University Women and is a member of NCAA Division 2A in all sports.

Professional accreditations include the following:

The **School of Education** has been accredited by the National Council for Accreditation of Teacher Education and by the National Association of State Directors of Teacher Education and Certification.

Dental Assistant Program by the Council of Dental Education and the American Dental Assistant Association.

Medical Record Technician Program by the Department of Allied Health of the American Medical Association.

Registered Nursing Program by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools and the National League for Nursing.

Respiratory Therapy Program by the Department of Allied Health of the American Medical Association.

Department of Music is a member of the National Association of Schools of Music.

Social Work Program by the Council on Social Work Education.

High School and University Relations

The Director of High School and University Relations is responsible for design, coordination, development, supervision, and implementation of programs which transmit to any and all agencies the educational opportunities and advantages available at Boise State University. This also includes coordination of high school visitation and the follow up with high schools and junior colleges throughout the state of Idaho.

Admission Requirements To The University

ADMISSIONS OFFICE

All matters relating to admission to the University are administered by this office. In addition to admissions, this office has general administrative responsibility for foreign student admissions and counseling, course schedule preparation, classroom scheduling, maintenance of student academic records, and enforcement of academic dismissals and readmissions. Responsibility for planning and supervising registration activities is shared with the Registrar.

Students applying for admission to Boise State University may be granted admission as matriculated students, may be granted admission as non-matriculated students, or may be denied admission. Students enrolling for 7 or fewer hours may elect to remain non-matriculated, but students enrolling for 8 or more hours must fully matriculate early in their first semester in order to remain in good standing.

Undergraduate (have not earned B.A. or higher degree)

1. Students wishing to enter B.S.U. as full-time (8 or more

semester hours), fully matriculated **undergraduate** academic students must be at least 16 years of age and submit prior to the deadline date:

- A. If **NEW FRESHMAN** (no prior post-high school credits earned):
 1. A completed application
 2. A \$10 matriculation fee
 3. An official high school transcript showing date of graduation or a GED certificate showing acceptable test scores
 4. ACT test scores
 5. A completed DASH Health Questionnaire
- B. If **TRANSFER STUDENT** (prior enrollment at one or more post-high school institutions):
 1. A completed application
 2. A \$10 matriculation fee
 3. Evidence of high school graduation or a GED certificate showing acceptable test scores

4. ACT scores or evidence of successful completion of English Composition sequence
5. A completed DASH Health Questionnaire
6. Official transcripts from all previously attended colleges showing good academic standing as defined under section D, page 14, Academic Probation and Disqualification.

If VETERAN: ***

1. A completed application
 2. A \$10 matriculation fee
 3. An official high school transcript showing date of graduation or a GED certificate showing acceptable test scores
 4. ACT scores or evidence of successful completion of English Composition sequence
 5. A completed DASH Health Questionnaire
 6. Official transcripts from all previously attended colleges showing good academic standing
- D. If **FORMER FULL-TIME B.S.U. STUDENT** (has attended no post-high school institution since last B.S.U. attendance):
1. A completed application
- E. If **FORMER PART-TIME B.S.U. STUDENT** (has not fully matriculated at B.S.U. and has attended no post-high school institutions since last B.S.U. attendance):
1. Same requirements as A above
- II. Undergraduate students wishing to enter B.S.U. as part-time (7 or fewer hours) must submit:
1. A completed application
 2. The V.A. requires B.S.U. to credit all veterans for prior training. Therefore, veterans who will request G.I. benefits must submit official transcripts from all previously attended colleges.
- III. Students wishing to enter B.S.U. in the Summer School Program must submit:
1. Only a completed application
- IV. Students wishing to enter B.S.U. in the Vocational-Technical Division must submit prior to the deadline date:
1. A completed application
 2. A \$10 matriculation fee
 3. GATB scores or high school transcripts with DAT scores
 4. Personal interview with Vocational-Technical Counselor
 5. A completed DASH Health Questionnaire
 6. DENTAL ASSISTING PROGRAM REQUIRES IN ADDITION: High school transcript or GED scores

Admission by B.S.U. does **not** imply acceptance into special programs. Admission into such programs as the Vocational-Technical Programs, Registered Nursing, Respiratory Therapy, Medical Records Technology, or Radiological Technology are contingent upon acceptance by Program Director.

See page 130 for admission requirements of the Graduate School.

*Permission to enroll full time (8 or more hours) is contingent upon satisfaction of all matriculation, academic, and financial requirements set by Boise State University.

Credit from non-accredited institutions will be accepted on the basis of the practice as reported in **The Report of Credit Given by Educational Institutions by the American Association of College Registrars and Admissions Officers. Specifically, students requesting acceptance of such credit will furnish the Admissions Office of Boise State complete official transcripts and catalog course descriptions. After earning not less than 15 semester hours credit from BSU with not less than 2.00 cum GPA the student may petition the appropriate Department Chairman for acceptance of all such credit. Credit denied on the basis of such practice may be sought by examination.

*** See page 15 for information on veterans.

Graduate (have earned B.A. or higher degree)

- I. **Graduate** students wishing to enter B.S.U. on a full-time basis (8 or more semester hours) or wishing to be admitted to the GRADUATE SCHOOL at B.S.U. with PROGRAM STATUS (Regular, Provisional or Unclassified) must be fully matriculated and must, therefore, submit prior to the deadline date:

1. A completed GRADUATE application
2. A \$10 matriculation fee (Full-time graduate students who received their undergraduate degree at B.S.U. are exempt from the \$10 fee, **UNLESS** they are pursuing a Master's degree.)
3. Official transcripts from all post-high school institutions attended
4. A completed DASH Health Questionnaire (NOT required of part-time students)

NOTE: A PREREQUISITE DATA form must be on file before the Graduate Admissions Committee will act upon an application for admission to the Graduate School. Passing GMAT scores are also required for the School of Business.

- II. Graduate students wishing to enter B.S.U. part time with **SPECIAL STATUS** (non-program, admitted to B.S.U. but not admitted to the GRADUATE SCHOOL) must submit:

1. Only a completed application.

Graduate students wishing to earn a second B.A. degree and/or qualify for Idaho Teacher Certification must submit to the Graduate Admissions Office complete, official transcripts from all post-high school institutions attended.

Application forms may be obtained upon request from the Admissions Office. High school and college records should be furnished on the transcript blanks of the institution at which the work was taken. Prompt attention to these details will avoid delay in registration.

Students who profess objections to physical examinations because of religious tenets will be excused from completing the Health Questionnaire form as prescribed above and a written certification of such objection will be filed with the Student Health Center.

Certificate of Admission—Applicants for admission whose credentials have been accepted will be given permission to register at Priority Registration for the following semester. Students should plan to have all credentials submitted one month before registration to settle any questions that may arise and to receive by mail before registration a Certificate of Admission.

A. ADMISSION AS REGULAR STUDENTS

DOCUMENTATION REQUIRED

Admission to the University is based upon credentials showing graduation from an accredited high school. High School Equivalency Certificates or acceptable GED scores (35 or above on all five tests with an average of 45 or above for all tests) will be accepted in lieu of a high school transcript provided that the applicant has been away from high school for at least one year preceding his application and providing the applicant is at least 18 years of age.

VOCATIONAL-TECHNICAL STUDENTS

Any person who is interested in becoming a skilled craftsman or technician will be admitted to these courses if he complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs, such as one year of high school algebra and one year of high school geometry for entrance to the Drafting or Electronics Technology programs. The University does not admit applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provid-

GENERAL INFORMATION

Admissions

ed his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extracurricular activities must meet regular entrance requirements. (See eligibility requirements.) *Credits in Vocational or Technical programs are not normally transferable toward an academic degree.*

TRANSFER STUDENTS

A transfer student, whether resident or non-resident, must have a minimum GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined under section D, page 14, **ACADEMIC PROBATION & DISQUALIFICATION**. All decisions relating to admission of foreign students will, however, be made by the Foreign Student Admissions Officer.

HIGH SCHOOL STUDENTS

Any currently enrolled high school student may enroll in a course or courses offered at Boise State, insofar as he has met the appropriate prerequisites simply by picking up a blank packet (which permits the student to register as a part-time student, allowing him to take up to seven credit hours) at the designated location. The student may register for credit or audit if it is determined in the best interest of the student involved.

FOREIGN STUDENTS

Boise State University accepts qualified students from foreign countries to the extent that space is available. Foreign applicants are expected to meet the requirements for admission from high school or from other colleges or universities as outlined above under Admission Requirements to the University.

Credentials: Official transcripts and/or certified copies of the certificate, diploma, or government examination report received on completion of secondary school work and the degree, license, or diploma received on completion of any college or university, must be sent by the certifying agency directly to the Admissions Office and must be translated into ENGLISH.

English Proficiency: All foreign applicants are required to take and receive a satisfactory score on TOEFL (Test of English as a Foreign Language) or other examinations acceptable to Boise State University. Arrangements to take the TOEFL examination may be made by writing directly to TOEFL, Educational Testing Service, P.O. Box 592, Princeton, New Jersey 08540, U.S.A. The test must be taken and the scores received by the University prior to a decision on admission of the applicant.

Admitted Students: Upon arrival at the University, will be examined again with the Comprehensive English Language Test (CELT). Results achieved will determine their placement level in the English as a Second Language program.

Academic Advising: Advising in academic matters is provided to foreign students by the foreign student admissions office until such time as English language requirements for degree programs have been made.

Financial Statement: All foreign students must present to the Admissions Office satisfactory statements of finances and adequate proof of financial responsibility or sponsorship by a reputable American citizen or organization for all financial obligations while attending Boise State University.

Health and Accident Insurance: Boise State University recommends that foreign students accepted for admission have health and accident insurance. Boise State University makes available such a policy to all registered full-time students.

Admission to Graduate School: Foreign students applying for admission to the Graduate School must submit all of the previously mentioned admission materials. Those wishing to major in Business Administration must submit GMAT scores (Graduate Management Admissions Test). The score on the GMAT is considered together with the GPA to determine admissibility of the student to the MBA Program. A TOEFL score of at least 525 must be achieved.

Deadline for Application for Admissions: All foreign applicants must apply for admission (to include the taking of all tests and the filing of all required application forms credentials) by the following dates:

For fall semester 1 June
For spring semester 1 September
For summer session 1 January

Upon completion of all the requirements and when final acceptance is granted to the applicant, an I-20 form will be issued to the applicant by the Foreign Student Admissions Officer.

B. ADMISSION AS SPECIAL UNDERGRADUATE STUDENT

Persons who are unable to meet requirements as regular students and desire to take special studies may be admitted on special status upon presentation of satisfactory evidence that they are qualified to do college-level work. Normally, special status will not be granted to anyone less than 18 years of age unless, following a personal interview with the Dean of Admissions, it is deemed in the best interests of the student. Students admitted on special status are encouraged to complete matriculation requirements within the first semester of attendance. A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until he has completed 32 semester hours of work in the University with a grade point of 2.0 or better.

C. ADMISSION AS GRADUATE STUDENT

See page 130 for specific requirements.

D. ADMISSION WITH ADVANCED STANDING

Students entering from other colleges must present proof of honorable dismissal and official transcripts mailed directly to the Dean of Admissions and Records. Students entering from other institutions must comply with the same scholarship regulations as are applied to students previously enrolled in the university. After evaluation of transcripts students are classified as Freshmen, Sophomores, Juniors, Seniors or Graduates.

In accordance with Idaho statutes as approved by the State Board of Education, the acceptance of credits from Junior College is uniform for both certification and transfer purposes and no more than 64 semester hours or 1/2 the total hour requirement of the specific curriculum is established as the uniform maximum limit effective September 1, 1950.

E. ADMISSION REQUIREMENTS TO UPPER DIVISION

JUNIOR STANDING— A student must have earned 57 acceptable semester credit hours of college-level work before he is classified a junior.

UPPER DIVISION COURSES— Upper Division courses are open to a student who:

1. Has completed stated course prerequisites and,
2. Has completed 57 semester credits of college work. Lower Division students who have a G.P.A. of 2.0 or better may take Upper Division Courses if:
 1. The Upper Division course is required during the Sophomore year in a specific curriculum in which the student is majoring, or
 2. The student has the written permission of the Chairman of the Department in which the course is offered and concurrence of his advisor.

ACCEPTANCE INTO THE PROGRAM

A student must declare his major upon entering the upper division. The Registrar will evaluate the student's transcripts for acceptance into the university. The student will be sent to an advisor for assistance in formulating a program to fulfill all requirements for his declared major. The student is ultimately responsible for the selection of courses for his major and the degree.

F. CHALLENGING COURSES & CREDIT BY EXAMINATION

It is possible for a student to challenge a university course when he feels that because of his past background, education, and experience, he can pass an examination covering the subject material of a course. Requests for consideration are made through the Chairman of the Department in which the course is offered.

Each department shall have the option to allow or not to allow credit by examination for each course in the department. In those courses where credit by examination is allowed, the department shall have the option of using a standardized examination or an examination prepared within the department. The student attempting to earn credit by examination shall, upon receiving his score for the examination, consult with the Department Chairman and determine which one of the following options will be selected:

1. For a regular grade.
2. On a credit-no-credit basis whereby the student receives credit and no grade for the course if he passes the examination or no credit and no grade if he fails the examination.

G. CREDIT VS. AUDIT REGISTRATION

If you take a course for credit, you will be expected to attend class regularly, complete required assignments, and take the necessary examinations. If you take a course on AUDIT basis, completing assignments, and taking examinations are optional. Courses may be taken only once for credit; however, they may be audited again, if desired.

A student auditing a course may change his status from audit to credit up to and including the last day allowed for registering for courses for credit (see Calendar, page vi). If a change is made, the student must pay any difference in a course cost and an additional \$3.00 change-in-status fee. All changes must be initiated by the student.

A student may change from credit to audit until after mid-semester examinations (see specific date on College calendar).

After that date and up to and including the last day to withdraw from classes, a student may change from credit to audit only if he is passing at the time of the request. If a change is made, the student may request a refund of the difference between the fees due for audit registration and the fees paid for credit registration; such refund will be prorated in accordance with published BSU refund policies pertaining to general fees.

H. STUDENT RECORDS

When a student enters the University and submits the requested personal data, there is an assumed and justifiable trust placed upon the University to maintain security of that information for the protection of the rights of the student. In order to protect students against potential threats to their individual rights inherent in the maintenance of records, and the many disclosures requested regarding them, and in compliance with the Family Educational Rights and Privacy Act of 1974, the University has adopted BSU Policy 5-1 (Student Records). The policy statement in its entirety is contained in the Administrative Handbook of Boise State University. Any students, faculty, or staff who have questions regarding the Records policies of Boise State University may consult with the Vice-President for Student Affairs.

I. RESIDENCY REQUIREMENTS FOR FEE PURPOSES

The legal residence of a student for fee purposes is determined at the time of initial application and will be reconsidered, thereafter, upon appeal by the student. Appeal affidavits can be acquired in the Admission's Office. Section 33-3717, Idaho Code, specifies that a resident student shall be:

(a) Any student under the (legal voting age)* whose parents or court-appointed guardian is domiciled in the state of Idaho.

Domicile is deemed to exist when the parent or guardian has established residence in Idaho for an indefinite time and the former residence is abandoned. To qualify under this section, the parents or guardian must be residing in the state on the opening day of the term for which the student matriculates.

(b) Any student, legal voting age or older,* who has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

(c) Any student under the legal voting age* 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 parent or guardian.

(d) The spouse of a person who is classified, or is eligible for classification, as a resident of the state of Idaho for the purpose of attending a college or university.

(e) A member of the armed forces of the United States, stationed in the state of Idaho on military orders.

(f) A student under the legal voting age whose parent or guardian is a member of the armed forces and stationed in the state of Idaho on military orders. The student, while in continuous attendance, shall not lose his residence when his parent or guardian is transferred on military orders.

(g) A person under the legal voting age,* married, and who together with spouse has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

(h) 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 his home of record and enters a college or university in the state of Idaho within one (1) year of the date of separation.

* legal voting age is defined to be 18 years of age or older

Regulations adopted by the State Board of Education and Board of Regents for the University of Idaho:

In compliance with Section 33-3717, Idaho Code, the State Board of Education and Board of Regents of the University of Idaho, meeting in regular session June 9, 1970, adopts the following uniform and standard rules and regulations applicable to all state colleges and universities now or hereafter established to determine residence status of any student and to establish procedures for review of that status. To Wit:

1. A student is deemed to be "attending" an institution of higher education when he is paying regular fees required of a full-time student at the institution concerned. (See (b) above)

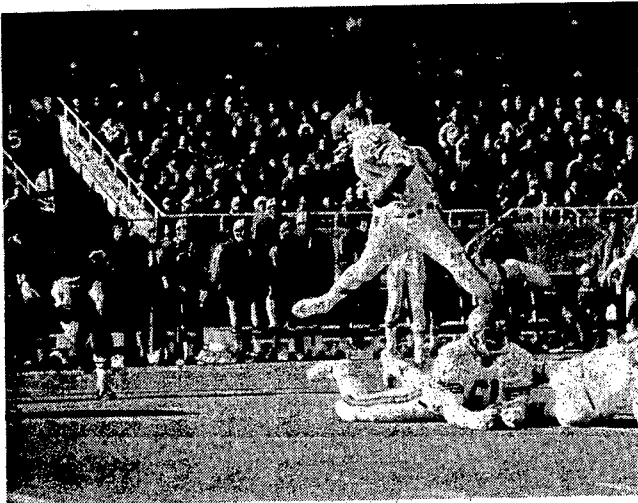
2. The State Board of Education and Board of Regents of the University of Idaho shall deny resident status to any student who is not a citizen of the United States, unless he complies with the definition of a permanent resident established by the United States Immigration and Naturalization Service. A foreign student whose sole purpose for being in the state of Idaho is attendance at a higher education institution, shall not be classified as a resident student.

3. Any student classified as a resident for purposes of higher education by one institution shall be so classified by all other institutions in the State under the jurisdiction of the State Board of Education and Board of Regents for the University of Idaho.

SCHEDULES OF FEES AND CHARGES

All of the fees, tuition, and other charges are due and payable at the time of registration each semester. Board and room charges may be paid in advance for the year or arrangements may be made to pay in advance on a partial payment basis by consulting the Director of Housing. (See section under Housing.)

GENERAL INFORMATION
Fees & Charges



TUITION AND FEE SCHEDULE

Eight or more hours made up of any combination of credit, audit, equivalent, and/or retake hours will be considered a full schedule for purpose of calculating charges.

All fees, tuition and other charges are subject to change at any time by the State Board of Education acting as the Board of Trustees for Boise State University.

	Idaho Resident	Non-Resident
Full Time Tuition: (per semester)	\$ 0	\$520.00
Institutional Fees	181.00 183. ⁰⁰	181.00 183. ⁰⁰
TOTAL TUITION & FEES	181.00-183.⁰⁰	701.00 703.⁰⁰

* Includes 3% Idaho Sales Tax

OTHER FEES

Part-time	\$20.00 per semester hour
Summer	20.00 per semester hour
Audit	15.00 per semester hour
Application Processing Fee: (Non-Refundable)	10.00

Testing Fee:

Students who have not taken the ACT tests on a regular national testing date will take the test during registration week. There will be no charge to those who have already taken the test 13.00

Music, Performance:

	PER SEMESTER
All private music lessons: 2 credits	\$ 55.00
4 credits	110.00

Fee waivers will be granted to all full-time music majors (8 hours or more) for all required private performance study leading to a B.A. or B.M. degree. Students receiving a fee waiver must be concurrently enrolled for credit in a major ensemble and in Concert Class. Students must be receiving a grade of C or better in the ensemble and a grade of S in Concert Class. Unsatisfactory grades at mid-term will result in cancellation of the fee waiver for the entire semester.

All students receiving fee waivers must be making satisfactory progress ("C" grade or better) in their private performance study to be eligible for a fee waiver the following semester.

Students receiving a fee waiver on an instrument leading to a proficiency examination must attempt the examination at the end of the first year of study and each semester thereafter until successful completion. No more than four semesters of fees for this purpose will be waived.

Special Workshop Fees.

Special Workshops are conducted throughout the year which are not part of the regularly scheduled courses or workshops funded through the University General Fund Budget.

All students, regardless of full time or part time status, will be required to pay the Special Workshop Fees which are set in relation to the expenses required to conduct the course. Registration for these workshops will not change the status of a student for fee purposes.

STUDENT ENROLLMENT VERIFICATION

For the purposes of student enrollment verification to banks, the Social Security Administration, BEOG, Federal and State Grants-in-Aid, scholarships, other universities, etc., the following schedule will be used.

Undergraduate:

Full-time	-12 or more undergraduate semester hours
3/4 time	-9-11 undergraduate semester hours
1/2 time	-6-8 undergraduate semester hours
Less than 1/2 time	-5 or less undergraduate semester hours

Graduate:

Full-time	-9 or more graduate semester hours
3/4 time	-6-8 graduate semester hours
1/2 time	-4-5 graduate semester hours
Less than 1/2 time	-3 or less graduate semester hours

RESIDENCE HALLS:

Meal Options:

- Option A: 7-day/20 meals (breakfast, lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
- Option B: 7-day/14 meals (lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
- Option C: 5-day/10 meals (lunch, dinner, Monday through Friday)

Rates:

Morrison and Driscoll

Double:	A: \$1204	B: \$1189 1190	C: \$1142
Single:	A: 1384	B: 1369	C: 1322

Towers:

Double:	A: 1210	B: 1195	C: 1148
---------	---------	---------	---------

Chaffee:

Double:	A: 1220	B: 1205	C: 1158
Single:	A: 1382	B: 1366 1367	C: 1320

Married Student Housing

University Courts:	Small one: \$85	two: \$130
	Large one: \$115	three: \$150

University Manor:

University Heights:	one: \$130.00	Two: \$155.00
---------------------	---------------	---------------

Room and board prices are subject to change without notice. Above prices include phone charges and state sales tax:

FLIGHT LABORATORY FEES

AV-121	\$400.00
AV-122	\$573.00
AV-297	\$521.10

All fees, tuition and other charges subject to change without notice.

REFUND POLICY

General fees—When any regularly enrolled student withdraws from Boise State University a refund of registration charges, including nonresident fees, computed from the regularly scheduled registration day will be on the following basis:

Before classes begin	100%
(less registration procedure charge of \$15.00)	
During first 2 weeks of classes	75%
During 3rd and 4th weeks	50%
After 4th week	NO REFUNDS

This policy also pertains to part-time students, including special evening classes. No special consideration is to be given to late registrants in extending the refund policy. The college reserves the right to deduct from the refund any outstanding bills. An itemized statement of deductions will be forwarded with the refund check. Upon completion of the withdrawal process, a refund check will be prepared and issued in approximately two to three weeks from date of withdrawal.

DELINQUENT ACCOUNTS

The cancellation of the registration and withholding of academic credit of any student with a delinquent account or an unsatisfactory financial relationship with the business office is authorized without notice if the student has been contacted. This regulation may be invoked at the discretion of the Director of Administrative Services in cases of disregard of the settlement of returned checks, loss of property or breakage, dormitory or housing breakage, library fines and losses, telephone toll charges, overdue notes, parking violations, etc.

HELD PACKETS

Registration Fees are due and payable at the time of Registration. If packet is not cleared by full payment within one class day of registration, the packet will be returned to the Dean of Admissions, and the class cards put back in the files for other distribution. If financial assistance is required, the following possibilities are suggested:

1. Financial Aids Office
2. Bank Loan
3. Family Loan

Once a packet has been returned to the Dean of Admissions for stripping, a subsequent registration is required when fees can be paid.

AUDITING OF ACCOUNTS

All funds for public purposes within the University and subject to the jurisdiction of either the University or the Associated Student Body and which are contributed to or collected by any student or faculty member shall be deposited with the Chief Accountant, subject to withdrawal upon written approval of the proper authorities. An accounting of all receipts and expenditures in the funds shall be made by those responsible for their collection immediately after they shall have been disbursed, this accounting to be audited by the Chief Accountant.

INSURANCE COVERAGE

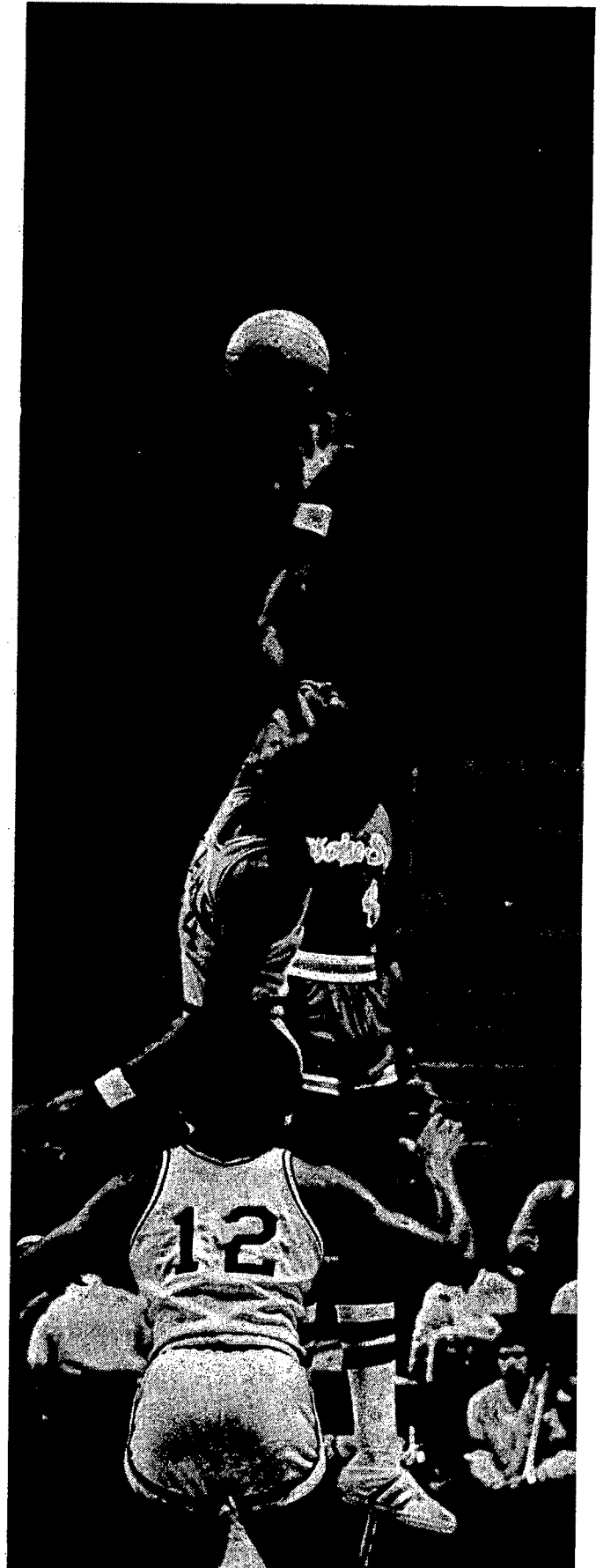
All full-time students at Boise State University are required to take insurance coverage which is paid with regularly assessed institutional fees. Students who are covered by family or other plans may obtain a refund through application to the insurance agent for Boise State.

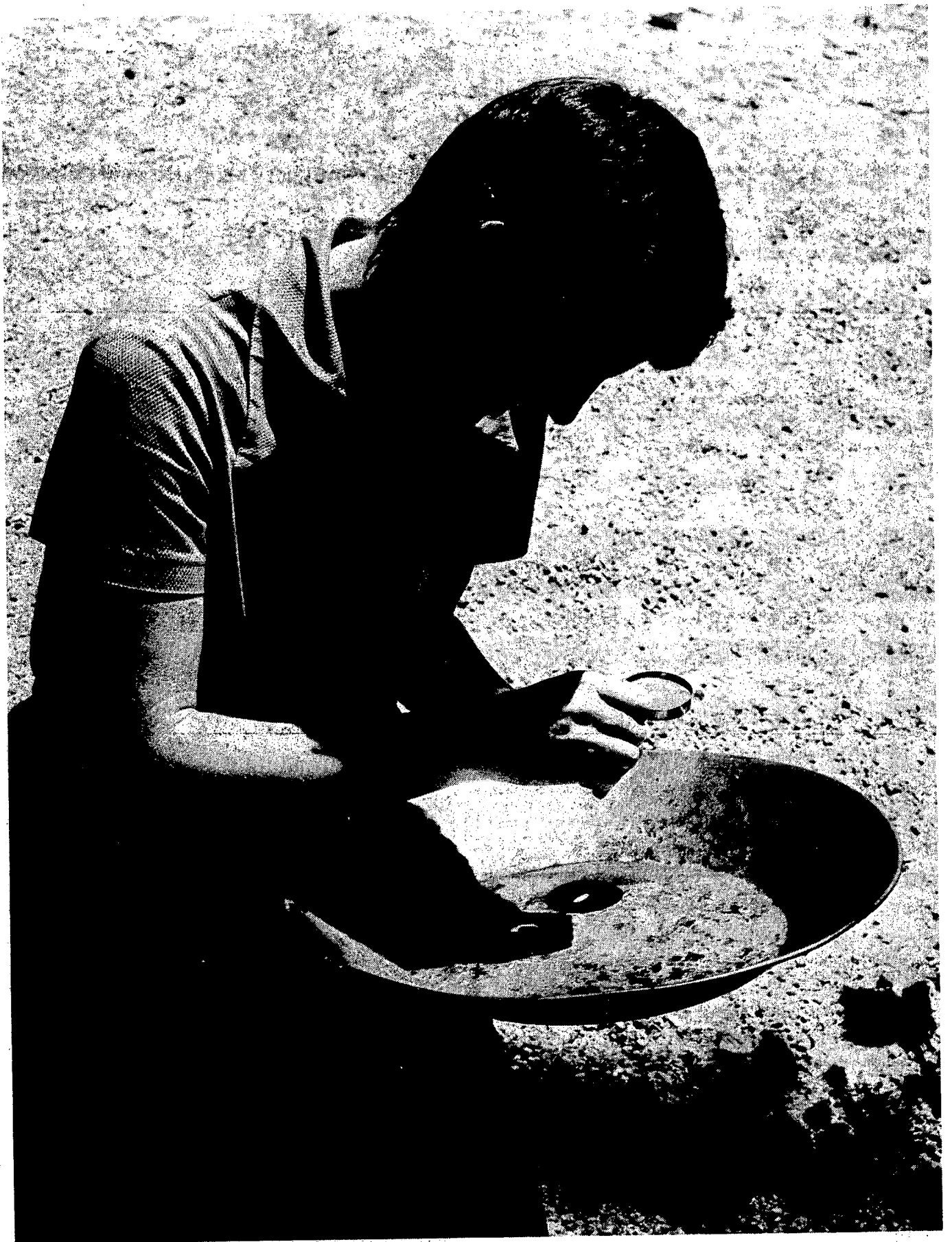
Boise State University carries liability insurance covering all on-campus and official functions including student activities.

PARKING

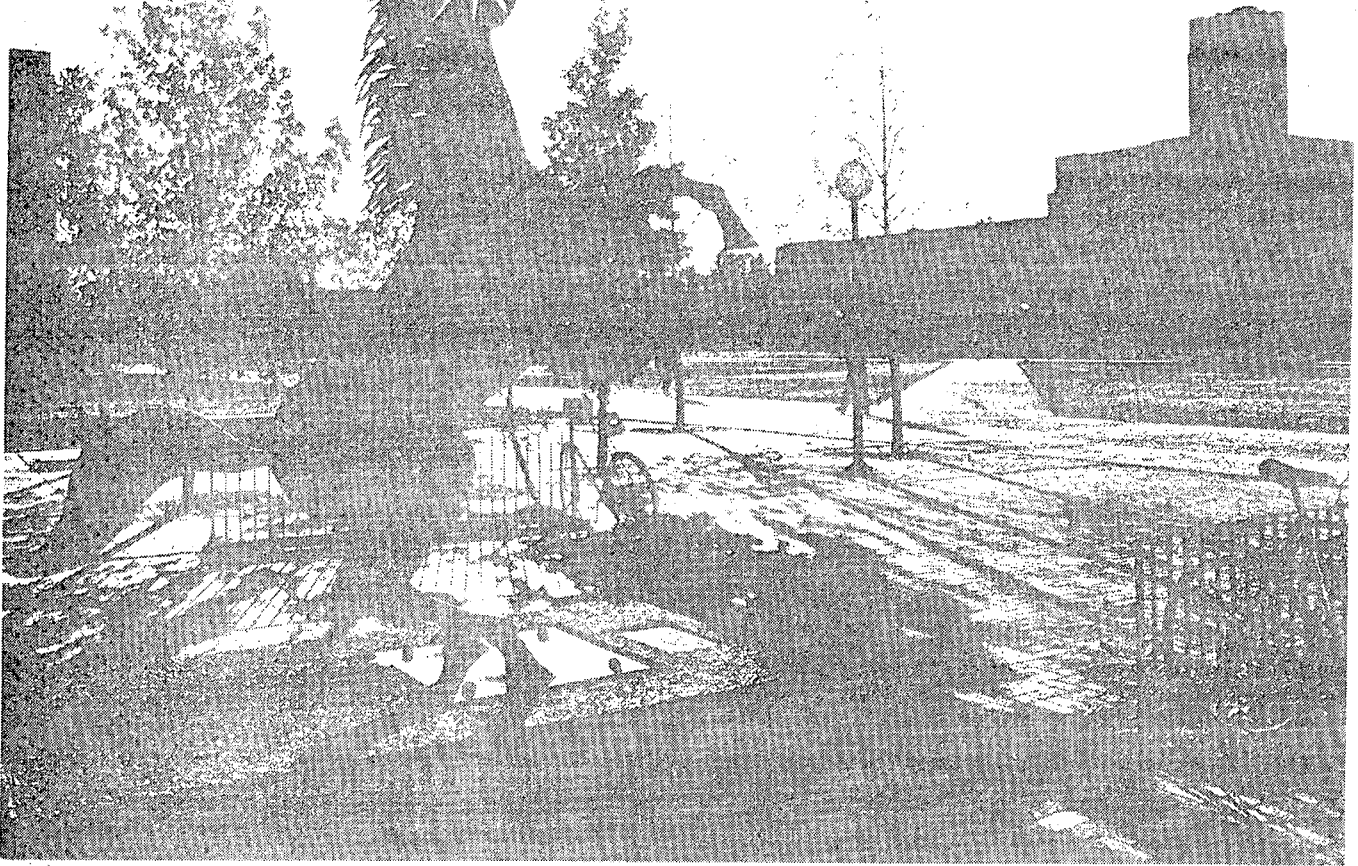
LIMITED PARKING is available on campus for faculty, staff and students. All persons parking on campus are required to register their vehicles with the Parking Control Office and obtain a parking decal.

The City Of Boise administers the parking control program as adopted by the University, and all tickets are payable to the City of Boise.





PART II



Academic Information

LIBRARY—LEARNING CENTER—

The four story Library Learning Center is located in the center of the campus facing the Memorial Fountain and Mall. It has been planned to provide an attractive setting for reading, study and research.

The Library occupies about 100,000 square feet of the building with the remaining 45,000 square feet given over to the School of Education, Educational Television studios, Educational Media Services, the Counseling Center, the Graduate Dean's Office, the Honors Program, faculty offices, and classrooms.

Seating is provided for about 1400 readers at large tables, individual study carrels, and lounge areas scattered throughout the open stack areas. Small study rooms and typing rooms are available for group or individual use on each floor. Book stacks provide space for about 350,000 volumes with the present collection numbering over 200,000 volumes. The building includes numerous features to facilitate use by handicapped students.

The general reference collection and a reserve reading room are located on the ground floor near the circulation and card catalog areas.

The Curriculum Resource Center, housed on the second floor of the library addition, features a collection of multi-media and non-book materials, along with the children's and young adult literature collections. Curriculum and special education materials are available to teachers in the Boise area, as well as to university students and faculty. Electronic and stereo carrels provide listening facilities.

The library's map collection, a major portion of the general book collection, and several special collections, including Senator Len B. Jordan's senatorial papers, the Earl Wayland Bowman and Paul E. Tracy collections are located on the third floor.

The Periodical and Documents department, located on the fourth floor, receives over 2,000 current periodicals and over 60 newspapers, including Idaho, national and foreign newspapers. The Library is a partial depository for U.S. government publications, Idaho state documents, and Rand Corp. Publications.

HONORS PROGRAM

The Honors Program is designed with general education in mind. Its main objective is to provide a broad and comprehensive liberal arts background which complements the specialized education and training which one obtains through the major departments. This includes topics in the sciences, humanities, and social sciences as generally indicated by the standard degree requirements. However, the catalog requirements are to be considered as minimal guidelines which can, and should be amended when a stronger alternative is suggested.

While the Honors Program aims at enrichment more than acceleration, it is possible through Advanced Placement, Summer Reading, and extra courses for an Honors student to accumulate enough credits to graduate in less than the usual four years.

ELIGIBILITY

Qualified students from all departments may participate in the program. Freshmen who have demonstrated unusual scholastic ability and intellectual attainment in high school are encouraged to take part. Each year approximately the upper five percent of the entering freshmen are eligible for the Honors Program. Such students are selected on the basis of high school grade point average, ACT scores, and recommendations of their counselors or teachers.

Students who are not admitted to the Honors Program upon initial enrollment at Boise State may apply at any time after the completion of the first semester. An Honors student may drop out of the program at any time within the existing university rules, and the Honors courses he has taken will be applied toward the General University Requirements for Graduation.

HONORS COURSES

Each Honors student takes special Honors courses, some of which are expected of all those enrolled in the program. These courses are taken in lieu of, rather than in addition to, the standard requirements. In every case, the student pursues work in his own major department that will prepare him for a professional career. The Honors Program works cooperatively with the major department in providing the opportunity and stimulus for the student to realize his potential.

The following is a list of Honors Program courses presently available:

- English
- American History
- Western Civilization
- Mathematics
- Economics
- Geology
- Domain of the Arts
- Honors Seminar
- Independent Study
- Summer Reading

Flexibility is an indispensable feature of the Honors Program. This is true of the Honors courses as well as of the individual Honors student's program. Accordingly, the precise description and content of a specific course may vary from semester to semester. Current descriptions of Honors courses and Seminars are available in the regularly updated Honors Program Newsletter. The Newsletter and/or further information can be obtained by writing:

Honors Program Director
Boise State University
Boise, Idaho 83725

EDUCATIONAL OPPORTUNITIES AT BOISE STATE UNIVERSITY

Today improved and accelerated public school programs help increasing numbers of students to enter American colleges and universities with skills traditionally expected after college-level work. To assure each student the opportunity to develop at his own pace and bypass rehashing of material already mastered.



Boise State University offers several options for educational advancement.

Individual cases might allow several approaches to determining relative placement. Following are the general alternatives available. Further details may be obtained from Dr. William P. Mech, phone 385-1122, or from the BSU Administrative Handbook:

- 30-1
- 30-1A 30-1B 30-1C 30-1D 30-5
- 30-7
- 30-10
- 30-11

- Credit By Examination
- CLEP Advanced Placement
- Credit for Prerequisite Not Taken
- Independent Study
- Additional B.A. and-or Double Major
- Student Advisement Consideration
- Math Placement Exam Policy
- Honors Program

Advanced Placement

If an academic department prefers to use a specific form of advanced placement, that department has the option of using its own examination, a standard test, recommendations from high school instructors, or past experience. In this instance, the gathering of materials upon which the granting of credit will be determined may begin during the student's last semester in high school. Contact: Director, Honors Program.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

The present policy at BSU for awarding credit on the basis of CLEP examinations is as follows:

CLEP SUBJECT MATTER EXAM

Boise State will accept CLEP Subject Matter Examination scores at a Department-determined percentile score for equivalent courses. The student who submits official CLEP Subject Matter Examination scores must make application and enroll at Boise State, or be enrolled at Boise State at the time of submission of CLEP scores.

If the scores submitted are at or above the percentile scores indicated by the Departments, the student will receive credit for the equivalent courses so designated. The entries on the transcript will show the specific Boise State course number, title and credits with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce, by the number of credits awarded, the number of credits still required to graduate.

CLEP Subject Matter Examinations will not be officially released on a Boise State transcript to other agencies or institutions until the student has successfully completed 15 academic credit hours with Boise State.

Boise State currently accepts test scores of CLEP in the following subject matter areas:

CLEP EXAM TITLE	BSU EQUIVALENT COURSE AND NUMBER (credits)
* English Composition	E-101, English Composition * (3)
* Analysis and Interpretation of Literature	E-102, English Composition * (3)
Biology	B-101 + 102, General Biology or (8) B-103 Concepts of Biology
General Chemistry	C-101 + 102, Introduction to Chemistry (8)
College Algebra-Trigonometry	M-111, Algebra and Trigonometry (5)
Calculus with Analytic Geometry	M-112, Calculus and Analytic Geometry (5)
Statistics	M-361, Fundamentals of Statistics (4)
Introduction to Accounting	AC-101 + 102, Principles of Accounting (6)
Computers and Data Processing	DP-210, Introduction to Data Processing (3)
Introductory Sociology	SO-101, Introduction to Sociology (3)
American Government	PO-101, Federal Government (3)
Introductory Macroeconomics	EC-201 Principles of Economics Macroeconomics (3)
Introductory Microeconomics	EC-202 Princ. of Econ.-Microeconomics (3)
Intro. Micro- & Macroeconom.	EC-201 & 202 Macro- & Micro- (6)
Money and Banking	EC-301, Money and Banking (3)
Introductory Business Law	GB-301, Business Law (3)
Intro. to Business Management	MG-301, Principles of Management (3)
Introductory Marketing	MK-301, Principles of Marketing (3)
General Psychology	P-101, General Psychology (3)

* Applies only to non-traditional students (An additional essay is required.) - several other alternatives are available to students directly out of High School.

CLEP GENERAL EXAM

Boise State will accept CLEP General Examinations at a university-determined percentile score for equivalent credits. The student who submits official General Examination scores must make application and enroll at Boise State at the time of submission of CLEP scores.

If the scores submitted are at or above the percentile scores indicated by the University, the student will receive credit for the equivalent credits so designated. The entries on the transcript will show the specific Boise State score requirement met with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce by the number of credits awarded, the number of credits still required to graduate.

CLEP General Examinations will not be officially released on a Boise State transcript to other agencies or institutions until the student has successfully completed 15 academic credit hours with Boise State University.

Boise State currently accepts test scores of CLEP in the following general area:

CLEP EXAM TITLE*	BSU EQUIVALENT CREDIT
I English	No credit granted
III Natural Science	
Score of 489-570 (50th - 75th)	4 credits in Area III
Score of 571 or above	8 credits in Area III
IV Mathematics	
Score of 488 or above (50th)	4 credits in Area III
IV Humanities	
Score of 489-566 (50th - 75th)	3 credits in Area I
Score of 567 or above	6 credits in Area I
II Social Science - History	
Score of 489-568 (50th - 75th)	3 credits in Area II
Score of 569 or above	6 credits in Area II

* National College Sophomore Norm Group

Maximum possible credit by CLEP General Examinations - 24 semester hours credit.

The Faculty Senate must approve any proposed changes of the percentile rank at which General CLEP Examination credit is given.

GENERAL INFORMATION

Many colleges and universities, including Boise State, accept the General Examinations and the Subject Matter Examinations as an alternate way by which a student may satisfy certain general education requirements or specific course or premajor requirements.)

Students generally become prepared to take the exams by:

1. Studying independently
2. Having advanced High School courses that parallel those offered by the college.
3. Having previously audited the courses
4. Attending non-accredited schools, etc.
5. Correspondence- extension work
6. Educational Television courses
7. Travel
8. Study in the Armed Forces or at proprietary schools
9. On-the-job training and experience

You may not repeat a Subject Examination within a year. If you do, your scores will not be reported and your test fees will be forfeited. You may repeat the General Examinations once within a year's time if you make special arrangements.

Cost

General Examinations (5 part test) \$20 for one part
\$30 for 2 parts, \$40 for all 5 parts

Subject Examinations \$20 each

Cost/ Fees must be paid by check or money order - not by cash - and made payable to College Entrance Examination Board.

For information related to taking a CLEP Examination, contact Darlene Pline at the Counseling and Testing Center located in the Library Building, Room 247, phone 385-1601. Students seeking information about this and other advanced placement policy should contact Dr. William P. Mech, Director, Honors Program, Library Building, Room L408G, phone 385-1122.

Credit by Examination (Challenge)

Any student may challenge a BSU course offering, subject to department determination of appropriate courses, when he feels confident that he has acquired sufficient knowledge (as the result of previous background, education, or experience) to pass an examination which covers the content of the course.

The specific details and examination are determined by the course, level, and occasionally, the student's individual situation. Some courses are challenged through a standardized (CLEP) examination, while others employ a departmental test. Contact: Department Chairman.

Independent Study

The availability of independent study opportunities for graduate students, all upper-division students, and Honors Program lower-division students represents one of several unique curricular choices at Boise State University. It is a project which must be primarily conceived and initiated by the student.

The independent study experience provides individual study opportunities of a reading or project nature, allowing the student to explore in depth a specific aspect of a discipline or professional field. Such study experience affords students the opportunity to exhibit scholarly competencies on an independent basis.

The Honors Program or any department of the university which fields a baccalaureate degree program or graduate program is authorized to offer independent study. The course numbers for independent study are not listed in the schedule of classes printed each term. This does not, however, preclude their availability based on mutual agreement between student and professor and approval by the Department Chairman. Contact: Department Chairman.

ACADEMIC INFORMATION

Outreach

Internship

Internships are available in many departments and in all schools within Boise State. They provide opportunity for a student to participate for variable credit in a "field exercise" or "practicum" which contributes to his academic development. The precise nature of an individual internship will necessarily vary depending upon the department, agency, and, possibly, student. Contact: your Department Chairman or Dean.

Outreach Services and Programs

EDUCATIONAL PROGRAMS, SPECIAL COURSES, AND COMMUNITY SERVICE OBJECTIVES

The University expresses its concern for individual improvement, equal opportunity, economic efficiency, and civic responsibility by offering continuing education for adults, and community service programs to assist in the process of human and community development by focusing upon the needs, aspirations, and potentialities of individuals, groups, and institutions.

The following programs and services are available at Boise State University to individuals, groups, firms, schools, and agencies:

SPECIAL SERVICES AND PROGRAMS

Conference, Workshop, Seminar, Institute Planning Assistance — The University offers assistance to groups and agencies that desire help in planning educational programs or require assistance in up-grading personnel in new techniques, knowledge, and skills.

Faculty and Staff Consultation Service — The faculty and staff of Boise State University stand ready to assist business, industry, educational institutions, governmental agencies, professional groups, and others in the solving of their education and training problems or in their research and development efforts.

Use of Facilities — Boise State University will make available meeting rooms and classroom facilities to the various community groups and agencies.

Reading Education Center — Individualized reading improvement programs will be arranged for students with specialized reading problems. This service is available during the Fall, Spring, and Summer terms.

Educational Media Services — A large collection of educational media materials is housed in the library. These teaching aids are available for the university faculty, the school teachers of the state, and the students in teacher education. Community organizations may use these media when available. Projectors, TV and other audio-visual equipment are available for group use on the campus.

Data Processing Center — Tours of facilities, equipment demonstrations, and inservice lectures relative to data processing are available upon request.

The Visiting Scientist Program — The School of Art and Sciences has a number of faculty members who are willing to speak to high school science and mathematics classes. Each participant has prepared presentations of approximately forty minutes duration on topics that would be appropriate for interested high school students. The Visiting Scientist Program is available without cost to the school. Presentations may be scheduled for single classes or collective classes. Speakers can be scheduled for one day only, but when necessary, the presentation may be given as many as three times during that day. Three weeks advance notice is necessary for proper scheduling.

Speaker's Bureau — As a service to the region and state, Boise State has organized a faculty and staff Speaker's Bureau, whose members have volunteered to present lectures and/or talks before community groups and organizations. Write or call the News Bureau at 385-1198 to make requests.

Public Affairs and Cultural Enrichment — Boise State University offers great variety in its program of public affairs and cultural enrichment with many events presented at no charge. Many of these offerings can be presented in your community. Some of the events that provide opportunities of participation and observation include:

- University Band
- Drama Offerings
- Opera Workshop
- A Capella Choir
- Traveling Art Exhibits
- Foreign Film Festival
- Concerts and Recitals
- Faculty Lecture Series
- Forums of Particular Arts
- BSU Community Symphony Orchestra
- Demonstrations in various fields of study
- Programs of outstanding artists and lecturers

INSTRUCTIONAL PROGRAM AND SPECIAL COURSES

Extended Day Program — The University offers academic, avocational, and vocational courses on campus for the many individuals in the community who seek to achieve their own personal educational objectives.

Weekend Program — This program is a continuing approach designed to make university offerings accessible to more of the people who wish to take courses but are unable to attend day or evening classes or who find weekend attendance better suited to their time schedule.

Evening Vocational-Technical Education Program — This program is designed to offer courses in a wide variety of occupational fields to upgrade those individuals currently engaged in the skill, craft, trade, or technology in which the courses are offered.

Adult Basic Education Program — Basic literacy training for adults in the community is offered at the Vocational-Technical Division for those who desire to upgrade themselves in order to qualify for occupational entry and/or pursue high school instruction.

General Educational Development (G.E.D.) Training — As a part of the Adult Basic Education Program, the University offers instruction and prepares adults who wish to take the General Educational Development Test to qualify for the Idaho high school equivalency certificate.

Guided Studies Program — Boise State University has begun a program of guided studies that encompasses high school subjects for adults. Currently the courses include Algebra, Plane Geometry, General Mathematics, English I, II, and III, American Government, Social Studies, and Natural Science. These courses are taught on either a semester or short course basis, depending on the needs of the adult student. Other courses are available to the students on demand. These courses meet the State of Idaho and Veterans Administration approval requirements (Chapter 34, Title 38, U.S. Code—VAR 14253A2).

Special Interest Group Courses and Programs — Offerings that have proved to be of continued utility to various special interest groups, such as the engineers workshop preparing participants for the state licensing examinations, are offered as a regular, periodic feature of the University's instructional program.

Educational Television is provided the residents of Treasure Valley from Boise State University, licensee of station KAID-TV, a noncommercial public broadcasting station. The station produces and airs, in color, instructional TV programs for public education, higher education, and the community. Programs are produced to offer complete courses via TV for Boise State University as well as supplemental materials for several departments and individual course offerings. An affiliate of the Public Broadcast Network, the station also produces and airs public television programs of wide cultural and public interest to the citizens of Idaho.

SUMMER SESSION PROGRAM

A full complement of programs, courses, and services are offered in the summer. Graduate, undergraduate and noncredit programs and courses are offered in the several time block sessions on campus.

CONTINUING EDUCATION

Educational needs of citizens of the ten southwestern counties of Idaho are being met by the Continuing Education Program at Boise State University. Both credit and non-credit courses are offered in this region with boundaries north to New Meadows, east to Glenns Ferry, south to the Nevada border and west to the Oregon border.

Graduate and undergraduate courses may be organized when there is sufficient enrollment for a class and a qualified instructor is available.

Although classes usually meet on a semester basis, they can be started at any time during the semester. Continuing Education has the authority to negotiate with school districts, organizations and business concerns to provide more effective in-service courses and workshops designed around their particular educational needs.

McCall Summer Program — A wide range of University courses - both graduate and undergraduate - are offered at McCall during the summer months.

Mountain Home Air Force Base Program — Boise State University offers academic, college-level courses in a resident program to military personnel, their dependents, and members of the surrounding communities who desire to pursue educational goals.

Correspondence Study in Idaho is coordinated and administered by the Correspondence Study Office located on the University of Idaho Campus. Courses are written and graded by approved faculties of the University of Idaho, Boise State University, Lewis-Clark State College, and Idaho State University. Continuing Education serves as the contact office on the BSU Campus.

CIVIC IMPROVEMENT EFFORTS

Boise State University as an institution and more specifically its faculty, staff, and students are engaged in cooperative efforts with state and local governments, business, industry, professions, religious groups, and social groups to increase the resources of the community or to resolve major problems confronting the state and the community.

COORDINATING OFFICES

Extended Day/On-Campus Programs For more information about these programs on the BSU campus or about programs to be held on-campus, contact the Extended Day, Weekend University, and Summer Sessions office, Boise State University, 1910 College Blvd., Boise, ID 83725, phone 385-1209.

Continuing Education/Off-Campus Programs — For more information about these programs and/or courses to be held off of the main University campus, contact the office of Continuing Education, Boise State University, 1910 College Blvd., Boise, ID 83725, phone 385-3293.

CONTINUOUS REPORT OF ACTIVITIES

Boise State University maintains a daily activity information service on a special telephone line. By dialing 385-1111, current information concerning activities taking place on campus is available. The automatic answering device will give information concerning student activities, sports and other events taking place daily on campus. The number may be dialed at any time, day or night.

Academic Regulations

REGISTRAR:

The Registrar has direct responsibility planning for, maintaining and up-dating the University's student record system, which includes maintaining a duplicate set of transcript records on microfilm, certifying baccalaureate and two year degrees; administering veterans and Social Security benefits certifications; certifying student grade point averages for the Dean's List, student body offices, etc.; processing all changes of enrollment including withdrawals from the University; providing transcript service for students, both current and inactive; providing enrollment data to federal and state agencies; taking care of inquiries concerning evaluation of credit earned at Boise State University or other institutions; certifying eligibility for athletic participation; and has joint responsibility with the Dean of Admissions and Records to plan and supervise regular and late registration.

In addition the Registrar is responsible for publishing an annual enrollment report, probation and dismissal lists, and lists of graduates.

A. GRADING SYSTEM

- A - Distinguished work—Four quality points per hour.
- B - Superior work—Three quality points per hour.
- C - Average work—Two quality points per hour.
- D - Passing but unsatisfactory work—One quality point per hour.
- F - Failure—No quality points per hour.
- P - Pass—No quality points.
- CR - Credit—No quality points.
- NC - No credit—No quality points.
- I - Incomplete:

The grade of incomplete can be given in cases where the student's work has been satisfactory up to the last three weeks of the semester. The returning student must contact the instructor and consider the following options:

1. Make up the work within the first half of the current semester.
2. Request of both instructor and department chairman an extension of time.
3. Retake- repeat the courses.
4. Request that the Incomplete be changed to a W.

If the student fails to contact the instructor by mid-semester, the instructor can, at that time, change the Incomplete to a "W" or elect to extend the Incomplete into the next semester. Within that next semester if the student contacts the instructor, the procedure outlined above can be followed. If there is no contact by the student, the instructor by mid-semester will change the Incomplete to a "W".

W - Withdrawal—No quality points.

A student who receives a grade of 'F' in a given course (if the course is still offered), may elect to retake that course to raise the grade. In respect to a course in Independent Study where the instructor refuses to permit the student to retake the study; where the student cannot secure permission from another instructor to accept the program of study; or, where the instructor has left the institution, the grade of 'F' upon recommendation of the department chairman, reverts to a 'W'.

ACADEMIC INFORMATION

Regulations

A student who received a grade of D in a given course may repeat that course to raise his grade, if in the meantime he has not taken an advanced course for which the first course is prerequisite. Degree credit for courses so repeated will be given only once but the grade assigned at each enrollment shall be permanently recorded.

In computing the grade point average of a student with repeat courses, only the most recently received grades and quality points shall be used for the first 16 credits repeated. In the case of further repetitions the grade point average shall be based on all grades assigned and on all credits carried.

S - Satisfactory—No quality points.

U - Unsatisfactory—No quality points.

AUD - Audit—No quality points.

NR - No record.

NG - Non-gradable.

B. CLASSIFICATION OF STUDENTS

After registration students are classified as Freshmen, Sophomores, Juniors, Seniors or Graduate.

Freshman—From 0 semester credits through 25.

Sophomore—From 26 semester credits through 57.

Junior—From 58 semester credits through 89.

Senior—90 semester credits and over, but has not received B.A. Degree.

Graduate—Has received B.A. degree.

A student enrolled and classified during the first semester is not reclassified at the beginning of the second semester.

A student enrolled for 8 semester hours or more will be considered a full-time student for fee paying purposes only. See Page 6 for further information.

A student who is carrying less than 8 hours will be classified as a part-time student.

C. ATTENDANCE AND ABSENCE FROM CLASS

Students are responsible for their attendance in the courses for which they are enrolled. No absences, whether approved by the University for participation in university sponsored activities, or necessitated by sickness or other personal emergency, are "excused" in the sense of relieving the student of responsibility for work assigned or carried on by a class during his absence. It is his responsibility to arrange with his instructors to make up work which he is forced to miss.

A student who has been absent from a meeting of a class has lost some of the content of the course, regardless of the cause of the absence. If any student accumulates absences to the extent that further participation in the class seems to be of little value to him and detrimental to the best interests of the class, the instructor shall warn such student that further absence may cause him to fail the course.

D. ACADEMIC PROBATION DISQUALIFICATION

The student whose academic work indicates that he cannot continue in the university with profit to himself and credit to the institution will be placed on probation; and if he continues on probation for two semesters, he will be subject to dismissal from the university. Satisfactory performance means the orderly progression toward graduation maintaining a cumulative grade point average of 2.0 or better. The Cumulative Grade Point Average will be computed on all credits attempted.

The student who has a cumulative GPA of 1.5 or lower and who has not been enrolled in a college or university as a full-time student for a period of two consecutive years, may upon returning full-time to university credit status and completing a semester of full time work (12 hours or more) with a grade point average of 2.25 for that first semester, make application to the dean of the school for removal of any grade below 1.0 given by this institution.

With the approval of the dean of the school in which the student is majoring, the GPA would be recomputed to include all grades with the exception of those dismissed. No change will be made in the transcript of record. This instrument will only affect the GPA.

The student will be placed on probation whenever the cumulative GPA falls 12 points below a GPA of 2.0. This calculation is made by multiplying by two the total credit hours in which he has been enrolled and subtracting twelve. If the answer so obtained is not exceeded by the student's total quality points, he will be subject to this regulation.

Two successive probations will result in dismissal from the university, unless special permission to continue in attendance is obtained from the dean of the school in which the student was placed on probation. Three successive probations will result in dismissal for two semesters with no opportunity for appeal of the decision. Regardless of his cumulative GPA, no student will be dismissed if his GPA for the most recent semester is 2.25 or higher.

The entering freshman whose high school GPA is 1.50 or lower will be limited to a maximum course load of 12 units including noncredit courses.

All students on probation will be limited to a maximum course load of 12 credits including noncredit courses, retakes, and repeats.

Students on probation are ineligible for participation in University sponsored extra-curricular activities (see Eligibility for Extra-Curricular Activities section in the BSU Student Handbook).

E. ADMISSION ON PROBATION

Students wishing to transfer to Boise State University from other colleges and universities must have a GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined in the preceding section D, Academic Probation and Disqualification.

F. WITHDRAWAL

Withdrawal from Individual Courses. A student may withdraw from individual courses by securing a change in registration card from his advisor, which must be endorsed by the advisor and each instructor involved, then presented to the Registrar for signature, and then cleared with the Business Office. The date on which the Registrar signs the change card will be the official withdrawal date.

Complete Withdrawal from College. A student may officially withdraw from the university (all courses) *only by securing a withdrawal permit from the Office of Student Advisory and Special Services* and having it signed by same. This office will advise the student of the offices he must clear with before presenting the complete withdrawal to the Registrar's Office. After clearance with the Registrar the student is sent to the Business Office for final clearance.

A student may withdraw after mid-semester examinations (see specific date on University Calendar) without penalty for failing work. If the student withdraws after this date he may receive a grade of "W" only if his work is passing as of the official withdrawal date and an "F" in all courses in which he is failing. A student may not withdraw from the university or from individual courses during the last three weeks of a semester, including final examination week. Students discontinuing a course without having completed an official withdrawal shall be awarded a grade of "F".

The responsibility for withdrawing from individual courses rests with the individual student; but in certain situations the instructor may initiate the withdrawal.

1. If the student registers for the course but never attends
2. If the student registers for the course, attends briefly, and then neglects to withdraw from the course
3. If the student registers for the course on an audit basis but never attends, or attends for only a brief period.

In cases of a faculty initiated withdrawal the instructor will notify the office of the Vice-President for Student Affairs of the impending action. The Vice-President will then notify the student. If no further effort is made by the student within two weeks after the notification, the instructor may then initiate the withdrawal.

Right of Appeal:

In cases where a strict application of this regulation seems — in the opinion of an instructor, advisor or a student — to work an unreasonable hardship, the Office of Student Advisory and Special Services is authorized to grant exceptions.

G. COURSE PREREQUISITE WAIVER

Specific course prerequisites may be waived upon written approval of the Dean of the School in whose area the course is offered. A student seeking to have prerequisites waived must justify his request on the basis of background, education, and experience to the satisfaction of the Dean of the School.

H. CREDIT FOR PREREQUISITES NOT TAKEN

Students who have a sufficiently high GPA or ACT score, who pass a Departmental Placement examination, or have the approval of the department chairman may take designated courses without taking the listed prerequisite.

Students who receive a grade of "C" or better for a course in which they have not taken the prerequisite course(s) will be given credit with a grade of "S" for that course(s) when the following conditions are fulfilled:

1. The student may make application for this credit only after the final grade for the advanced course is officially recorded.
2. The student, in consultation with his advisor, must initiate the application, using the appropriate form and following the proper procedure.
3. Department chairmen and deans will determine for which course(s) this credit is appropriate.
4. In some cases, as determined and required by department chairmen and deans, an examination covering the content of the prerequisite course(s) must be passed by the student before the credit with a grade of "S" is awarded.

I. PETITIONS

Individuals or groups of students always have the privilege of petition. Academic petitions should be addressed to the Dean of the appropriate school. Other petitions should be directed to the appropriate administrative officer.

J. UNDERGRADUATE ENROLLMENT IN 500-LEVEL COURSES

Undergraduate students at Boise State University may apply up to a total of two 500-level courses (they would enroll under special status) toward the credit requirements for their undergraduate degree. Undergraduates in 500-level courses must have senior standing. 500-level courses may be applied to the required 40 hours of upper-division credits.

K. VETERANS

The V.A. requires veterans who request G.I. bill benefits to submit official transcripts from all previously attended colleges, whether the veteran is full or part time.

Veterans attending under the G.I. Bill (Chapter 34) or under the Dependence Educational Assistance (Chapter 35 - widows, orphans and wives and children of 100% disabled veterans) can apply for their benefits through the Office of Veterans Affairs on the B.S.U. campus.

Those attending under Chapter 31 (Rehabilitation Program) must present an Authorization of Entrance or be charged tuition and fees. Upon presentation of this Authorization, complete refund will be made.

Veterans applying for Advanced Payment must do so 40 days in advance of registration. The Advanced Payment is sent to the University and is distributed by the Registrar's Office personnel.

Veterans (Chapters 34) and Eligible Persons (Chapter 35) who plan to attend on the G.I. Bill must, upon registration, pay all required charges. Veterans (Chapter 31) must present, upon registration, an Authorization of Entrance. Twelve credit hours for undergraduate students and nine credit hours (500 level or 400G level) for graduate students will be considered full time for educational benefits by the Veterans Administration as a full schedule. Note: Audits and repeats may not be counted toward these hours.

All veterans pursuing a second baccalaureate degree must have an official evaluation. Official copies of the evaluations are furnished to the V.A. Regional Office, the veteran, and Boise State University. Only those courses that are applicable for the degree objective will be considered in determining V.A. educational payments.

Veterans enrolled in graduate programs are required to file a Program Development Form with the Graduate Admissions Office. Only those courses that are applicable for the degree objective will be considered in determining V.A. educational payments.

The following schedule will be adhered to in certifying veterans to receive benefits from the Veterans Administration.

1. If the veteran is an undergraduate student, his benefits will be determined by the number of hours he enrolls for according to the following schedule:

9 or more semester hours - full time	
6 - 8 semester hours	- 3/4 time
4 - 5 semester hours	- 1/2 time

Less than 4 semester hours - Registration fee only.

For information concerning the G.I. Bill contact the Veterans Certification Office in A-108, (208) 385-1505.

STUDENTS UNDECIDED ON MAJOR

Many students have not determined a major field of study at the time they enter college and wish to enroll in general courses until such time as they decide upon a major. Often it is not necessary to determine a major until the beginning of the junior year.

The following course suggestion for the freshman year includes those basic requirements for a Bachelor of Arts Degree. Within this program a student may choose from several courses listed in each area. An elective course should be chosen from the School of Business. These courses will be counted toward graduation either as electives or possibly as requirements in the major field once it has been chosen. For minimum requirements on the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts Degrees, please refer to pages 17-19 of this bulletin.

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3*
Area I Requirements	3	3
Area II Requirements	3	3
Area III Requirements	4	4
Elective in School of Business	3	3
	<hr/> 16	<hr/> 16

Each area consists of courses from the following fields:

AREA I

- | | | |
|--|------------|--------------|
| Art | Literature | Philosophy |
| Humanities | Music | Theatre Arts |
| Foreign Language (102 or higher of one language) | | |

ACADEMIC INFORMATION

Graduation

AREA II

Anthropology
Communications
Economics
Geography
History
Political Science
Psychology
Sociology

AREA III

1. A year's sequence chosen from: Biological Science
Mathematics
Physical Science (Includes C, GO, PS and PH courses)
With additional credits from a field other than that chosen to satisfy the sequence requirement.

or

2. Any three of the following courses:
Biology—Concepts of Biology
Chemistry—Concepts of Chemistry
Geology—Fundamentals of Geology
Mathematics—Cultural Approach to Math
Physical Science—Foundations of Physical Science
Physics—Introduction to Descriptive Astronomy

A freshman who is working part time should probably not plan to carry the number of credits suggested in the preceding program. The number of credit hours advisable should be determined by talking with a faculty advisor prior to registration.
* Determined by student score on ACT exam. See below.

Graduation Requirements

GRADUATION

A student must make formal application for graduation by filing with the Registrar the application form which is obtained at the Registrar's Office. Normally this application should be submitted two semesters before the contemplated graduation and upon the completion of 70 credit hours.

Requirements for graduation are checked in accordance with the requirements in *one* university catalog. A student is not permitted to combine programs from different catalogs, but he may choose to graduate on the basis of the catalog of any year in which he has been registered providing that said catalog was in effect not more than six years prior to the year of graduation.

GENERAL UNIVERSITY (CORE) REQUIREMENTS

To receive a Baccalaureate degree from Boise State University all students must meet the following general requirement.

English Composition

English composition, E 101 and E 102, must be successfully completed by all students with the following exceptions:

- Students scoring in the 80th percentile or above on the ACT national norms are exempt from E 101.
- Any student, with the recommendation and permission of the English Department may take the departmentally specified competency test and upon passing it be exempt from E 101.

All entering freshmen scoring below the 20th percentile on the ACT national norms are required to take Developmental Writing (EO10) and to pass with an S grade before being admitted to E 101.

BACCALAUREATE DEGREES

Minimum Graduation Requirements (Credits)

ALL BACCALAUREATE DEGREES

- General College Requirements (minimum)
 - Total credit hours 128
Must include:
 - English Composition 3-6
 - Upper Division credit hours 40
 - Grade Point Average for all courses taken 2.0
- Other College Requirements
 - Minimum requirements for one of the degrees offered.
 - Specific requirements for a departmental major.
 - A student must have a minimum cumulative 2.00 G.P.A. in all courses required by his major.
 - A student will not be allowed credit toward his major department requirements for any grade of "D" in upper division courses in his major department.
 - A minimum of 15 credit hours of electives outside of the major field.

Minimum Credit Hours in Residence

Minimum credit hours in residence: 30 credit hours of which the last 15 credit hours prior to graduation must be taken at the university during the regular or summer sessions.

IV. Extension, Correspondence and Religion Courses

A candidate for a degree may earn up to 32 semester hours in any combination of extension and/or correspondence courses toward the required credit hours for graduation. These hours must have departmental approval for acceptance towards major department requirements.

Such correspondence courses must be completed and the transcript filed with the registrar prior to mid-term of the semester in which the last 15 hours of residence credit are started.

Up to eight (8) credits of non-sectarian religion courses from accredited colleges and universities may be accepted as general electives.

V. Requirements for Additional Baccalaureate degree

- A minimum of thirty additional semester hours of resident work, beyond the hours required for his first degree, for each subsequent degree.
- Satisfaction of upper-division requirements in the major field selected as recommended by the department and approved by the dean of the school in which the additional degree is to be granted.
- Satisfactory completion of other requirements of the college as approved by the dean of the school in which the additional degree is to be granted or sought.

VI. Requirements for Double Major

A student may be granted a single baccalaureate degree with more than one major, providing that he satisfies all requirements for each major field as recommended by the department and approved by the dean of the school in which each major is to be granted, as well as satisfying all requirements for the degree sought.

BACHELOR OF ARTS DEGREE

Minimum Requirements (Credits)

A. General University requirements—3 or 6* credits

1. English Composition 3 or 6

B. Area I requirements 12**

1. Three credits in Literature
2. Three credits in a second field
3. Three credits in a third field
4. Three credits in any Area I field

Area I is composed of the following fields:

- Art AR
- Humanities HU
- Literature ***
- Music MA, ME MU
- Philosophy PY
- Theatre Arts TA
- Foreign Language (102 or higher of one language)

C. Area II requirements 12

1. Three credits in History
2. Three credits in a second field
3. Three credits in a third field
4. Three credits in any Area II field

Area II is composed of the following fields:

- Anthropology AN
- Communications CM
- Economics EC
- Geography GG
- History HY
- Political Science PO
- Psychology P
- Sociology SO

D. Area III requirements 12

1. A year's sequence chosen from:

Biological Sciences
Mathematics
Physical Sciences****

With additional credits from a field other than that chosen to satisfy the sequence requirement

or

2. Any three of the following courses except no more than two from a single department.

Biology - Concepts of Biology
Chemistry - Concepts of Chemistry
Geology - Fundamentals of Geology
Mathematics - Cultural Approach to Math
Physics, Engineering, and Physical Science
Concepts and Consequences of Energy Utilization
Introduction to Descriptive Astronomy
Either Foundations of Physical Science or
A Cultural Approach to Physics, but not both

Area III is composed of the following fields:

Biology—B, BT, EH, Z
Chemistry—C
Geology—GO
Mathematics—M
Physical Science—PS
Physics—PH
Engineering—EN

- E. Students seeking the B.A. degree must have an additional 9 credits chosen from Area I and/or II.

- F. Departmental major

*Determined by student score on ACT exam.

**Three credits may be in performance courses.

***Literature - Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic area.

****The Physical Sciences include courses in Chemistry, Geology, Physical Science and Physics.



BACHELOR OF SCIENCE DEGREE

Minimum Requirements (Credits)

- A. General University requirements 3 or 6*
 1. English Composition 3 or 6 credits
- B. Area I requirements 12**
 Three fields must be represented
 Area I is composed of the following fields:
 Art AR
 Humanities HU
 Literature ***
 Music MA, ME, MU
 Philosophy PY
 Theatre Arts TA
 Foreign Language (102 or higher of one language)
- C. Area II requirements 12
 Three fields must be represented
 Area II is composed of the following fields:
 Anthropology AN
 Communication CM
 Economics EC
 Geography GG
 History HY
 Political Science PO
 Psychology P
 Sociology SO
- D. Area III requirements 12
 Two fields must be represented
 1. A year's sequence chosen from:
 Biological Sciences

- Mathematics
 Physical Sciences
 with additional credits from a field other than that chosen to satisfy the sequence requirement.
2. Any three of the following courses except no more than two from a single department
 Biology - Concepts of Biology
 Chemistry - Concepts of Chemistry
 Geology - Fundamentals of Geology
 Mathematics - Cultural Approach to Math
 Physics, Engineering, and Physical Science
 Concepts and consequences of Energy Utilization
 Introduction to Descriptive Astronomy
 Either Foundations of Physical Science or
 A Cultural Approach to Physics, but not both

Area III is composed of the following fields:

- Biology B—BT—EH—Z
 Chemistry C
 Geology GO
 Mathematics M
 Physical Science PS
 Physics PH
 Engineering EH

- E. Students seeking the B.S. degree must have an additional 9 credits chosen from Areas II and/or III.
- F. Departmental major

*Determined by student score on ACT exam.

**Three credits may be in performance courses.

***Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Minimum Requirements (Credits)

- A. English Composition 3-6
- B. Area I Requirements 6
- C. Area II Requirements 12
 1. Economics 6
 2. Area II credits other than in economics 6
- D. Area III Requirements 11-12
 1. Two-semester sequence in math 8
 2. One semester physical or biological science 3-4
 Suggested science courses:
 Concepts of Biology, B-100
 Concepts of Chemistry, C-100
 Foundations of Physical Science, PS-100
 Fundamentals of Geology, G-100
 Introduction to Descriptive Astronomy, PH-105
 Man and His Environment, B-200
- E. An additional 16 hours are required in disciplines other than those administered in the School of Business. These additional credits must include hours from at least two of the three areas listed below:

Area I

- Humanities
 Theatre Arts
 Art
 Music
 Philosophy
 Literature
 Foreign Language (102 or higher of one language)

Area II

- Anthropology
 Communication
 Geography
 History
 Political Science
 Psychology
 Sociology

Area III

- Biological Sciences
 Mathematics
 Physical Sciences

- F. A major in Accounting, Business Education, Economics, Finance, General Business, Industrial Business, Information Sciences, Management, Marketing, Real Estate, or Office Administration meeting all specific requirements for the major—see requirements in Part V.

BACHELOR OF FINE ARTS DEGREE*

- A. General University Requirements3-6
 1. English Composition3-6
- B. Area I Requirements9
 1. Literature6
 2. Other courses3
 No fewer than 3 credits selected from:
 Introduction to Music
 Introduction to Theatre
 Introduction to Humanities
 Introduction to Philosophy or Ethics
- C. Area II Requirements9
 1. Lower Division History3
 2. Other courses3
 No fewer than 3 credits selected from:
 Political Science
 Sociology
 Anthropology
 Psychology
 Economics
 Geography
3. No fewer than 3 additional credits selected from areas C.1. and C.2. above3
- D. Area III Requirements8
 A year's sequence chosen from the following:
 Biological Science
 Mathematics
 Physical Sciences**
 or any two of the following:
 Concepts of Chemistry
 Concepts of Biology
 Fundamentals of Geology
 Cultural Approach to Math
 Foundation of Physical Science
 Introduction to Descriptive Astronomy
- E. Individual departmental major listings in other parts of the catalog may specify how Area I, II and III requirements are to be fulfilled.
- F. A major in Art.

*A candidate for the BFA degree must have Art Department approval during his Junior year.

**The Physical Sciences include C, GO, PS, PH courses.

BACHELOR OF MUSIC DEGREE

Minimum Requirements (Credits)

- A. General University Requirements3-6*
 1. English Composition3-6
- B. Area I Requirements9
 1. Literature3
 2. Three credits in a second field3
 3. Three credits in any Area I field3
 Area I is composed of the following fields:
 Art AR
 Humanities HU
 Literature**
 Music History***
 Philosophy PY
 Theatre Arts TA
- C. Area II Requirements9
 1. History3
 2. Three credits in a second field3
 3. Three credits in any Area II field3
 Area II is composed of the following fields:
 Anthropology AN
 Communication CM
 Economics EC
 Geography GG
- History HY
 Political Science PO
 Psychology P
 Sociology SO
- D. Foreign Language and Area III Requirements8
 1. Foreign Language8
 2. Music Education Majors:
 a. A year's sequence of a foreign language . . .8
 or b. A year's sequence chosen from:
 Biological Sciences
 Mathematics
 Physical Sciences***
 or c. Any two of the following courses:
 Concepts of Biology
 Concepts of Chemistry
 Fundamentals of Geology
 Cultural Approach to Math
 Foundations of Physical Science
 Introduction to Descriptive Astronomy
- E. A major in music with emphasis in Performance, Theory-Composition, or Music Education, meeting all specific requirements as defined on pages 61-62 in the catalog.

*Determined by student score on ACT exam. See page 16.

**Literature — Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.

***A maximum of three credits of Music History will be allowed to count in Area I.

ACADEMIC INFORMATION

Programs, degrees

BACCALAUREATE DEGREE PROGRAMS

Boise State University offers Baccalaureate Degree Programs in the following majors:

Accounting
Advertising Design
Art
Art, Secondary Education Option
Biology
Biology, Secondary Education Option
Business Education
Chemistry
Chemistry, Secondary Education Option
Communication
Communication, Secondary Education Option
Combined Major Communications - English
Criminal Justice Administration
Earth Science Education
Economics
Economics, Social Science Secondary Education Option
Elementary Education
English
English, Secondary Education Option
Environmental Health
Finance
General Business
Geology
Health Science Studies
History
History, Secondary Education Option
History, Social Science Secondary Education Option
Information Sciences
Industrial Business
Management
Marketing
Mathematics
Mathematics, Secondary Education Option
Medical Technology
Multi-Ethnic Studies
Music
Music, Secondary Education Option
Nursing
Office Administration
Physical Education, Secondary Education Option
Political Science
Political Science, Social Science Secondary Education Option
Pre-Dental Studies
Pre-Medical Studies
Psychology

Real Estate
Social Science
Social Work
Sociology
Sociology, Social Science Secondary Education Option
Theatre Arts
Theatre Arts, Secondary Education Option

NOTE: PRE-LAW CURRICULUM

Boise State University does not prescribe a pre-law curriculum; the student's plans should be based on his own interests and his own personal objectives in studying law. In general, the pre-law student should place emphasis not only on the acquiring of knowledge of the fundamental elements which define the nature and character of society but also on the development of methods of study, thought, and communication. Present-day law students have undergraduate degrees in political science, English, business, natural science, history, linguistics, communications and a host of other disciplines.

For additional information, see the current PRE-LAW HANDBOOK, published annually in October and prepared by the Law School Admission Council and the Association of American Law Schools. This book includes material on the law and lawyers, pre-law preparation, application to law schools, and the study of law, together with individualized information on most American law schools. It may be ordered from Educational Testing Service, Princeton, New Jersey.

ADVANCED DEGREES

Master of Business Administration
Master of Arts in Elementary Education
Master of Arts/Science in Secondary Education. Areas of Emphasis in Art, Business Education, Chemistry, Earth Science, English, History, Mathematics, Music, Theatre Arts.
Master of Public Administration

OTHER DEGREES

Boise State University grants Associate of Science, Associate of Applied Science Degrees, Diplomas, and Certificates of Completion to students completing programs whose specific course requirements are stated in other sections of the catalog. A cumulative G.P.A. of 2.00 is required. Those courses currently offered are listed as follows:

Associate of Science

Medical Record Technician
Radiologic Technology
Respiratory Therapy
Registered Nursing
Fashion Merchandising—Mid-Management
Office Systems—Secretarial and word processing options
Marketing—Mid-Management
Criminal Justice Administration
Medical Office Assistant (Medical Secretary)

Associate of Applied Science

Child Care
Drafting Technology
Electronics Technology

Diploma

A diploma will be granted upon successful completion of the following two-year programs:

Business Machine Technology
Food Service
Horticulture
Machine Shop
Welding (2-year program)

Certificate of Completion

A certificate of completion is granted for completion of less than 2-year programs and for completion of other authorized programs, such as seminars, workshops, special interest community courses, etc.

NOTE

The courses contained in this catalog do not preclude or limit the University in its offerings for any semester or session nor does it restrict the University to the time block (semester) represented by the approved academic calendar.

Boise State University can and will 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 students enroll in the class and a competent faculty member is available to teach the course.

COURSE DESIGNATIONS

(see index for page references)

SCHOOL OF ARTS AND SCIENCES

Department of Art	
Art	AR
Department of Biology	
Biology	B
Botany	BT
Forestry	FS
Zoology	Z
Department of Chemistry	
Chemistry	C
Department of Communication	
Communication	CM
Department of English	
English	E
Humanities	HU
Linguistics	LI
Department of Foreign Languages	
Foreign Languages	FL
French	F
German	G
Russian	R
Spanish	S
Department of Geology	
General Science	GS
Geology	GO
Geography	GG
Geophysics	GP
Department of Home Economics	
Home Economics	HE
Department of History	
History	HY
Department of Mathematics	
Mathematics	M
Department of Music	
Music, Applied (Performance)	MA
Music, Ensemble	ME
Music, General	MU
Department of Political Science	
Political Science	PO
Philosophy	PY
Department of Physics, Engineering and PS	
Engineering	EN
Physics	PH
Physical Science	PS
Department of Social Work	
Social Work	SW
Department of Societal and Urban Studies	
Anthropology	AN
Criminal Justice Administration	CR
Sociology	SO
Department of Theatre Arts	
Theatre Arts	TA

SCHOOL OF BUSINESS

Graduate (Master of Business)	MB
Department of Accounting and Data Processing	
Accounting	AC
Data Processing	DP
Department of Business Education and Office Administration	
Business Education	BE
Office Administration	OA
Department of Economics	
Economics	EC
Department of Management and Finance	
Aviation Management	AV
Finance	FI
General Business	GB
Management	MG
Real Estate	RE
Department of Marketing and Mid Management	
Marketing, General	MK
Marketing, Mid Management	MM

SCHOOL OF EDUCATION

Department of Health, Physical Education and Recreation	
Physical Education	PE
Department of Psychology	
Psychology	P
Department of Teacher Education and Library Science	
General Education	GE
Library Science	LS
Teacher Education	TE

SCHOOL OF HEALTH SCIENCES

Department of Nursing	
Nursing	N
Department of Allied Health Studies	
Medical Records Technology	MR
Medical Technology	MT
Radiologic Technology	RD
Respiratory Therapy	RT
Department of Community and Environmental Health	
Environmental Health	EH
Department of Preprofessional Studies	
Health Sciences	H

ACADEMIC INFORMATION
Courses

**SCHOOL OF
VOCATIONAL-TECHNICAL EDUCATION**

Vocational Two-Year Programs	
Horticulture Service Tech	HO
Machine Shop	MS
Business Machine Technology	BM
Welding	W
Pre-Technical Non Credit Program	
Pre-Technical	PT
Technical Two-Year Program	
Child Care	CC
Drafting Technology	DT
Electronics	ET
Food Service Technology	FT
Vocational One-Year Programs	
Auto Body	AB
Auto Mechanics	AM
Dental Assistant	DA
Heavy Duty (diesel) Mechanic	DM
Electrical Lineman	EL
Office Occupations	OF
Operating Room Technology	OR
Parts Counterman	PC
Industrial Plant Maintenance	PM
Practical Nursing	PN
Refrigeration Heating	RH
Small Engine Repair	SE
Basic Welding	W

COURSE NUMBERING

Courses within the major code groups are numbered on the basis of the following:

- 000-099 Terminal credit and non-credit courses (including remedial, evening vocational, and adult education courses)
- 100-199 Freshman level courses
- 200-299 Sophomore level courses
- 300-499 Upper division level courses
- 500-above Graduate level courses

Upper division level courses, numbered at the 300 or 400 level may be given g or G designation to carry graduate credit. The designations have the following significance.

1. g courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for student both in the department or school, and for other students as well.

Throughout the catalog where course descriptions are given a hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates that either course may be taken independently of the other.

**UNIVERSITY-WIDE COURSE NUMBERS
UNDERGRADUATE**

The following college-wide standardized course numbers and titles are available to each department offering a major.

Independent study (188 and 496) must be arranged between student and teacher on an individual basis. The course description will not appear in other sections of the catalog. Individual conference, workshop and special topic courses (294, 297, 494, 497) will be described in the "Class Schedule and Registration Information" brochure published each semester.

188 Honors Independent Study (1-3 credits) An independent study experience to provide an Honor Student study opportunities of a reading or project nature. Credits may not exceed three (3) per semester nor six (6) maximum in an academic year. Prerequisite: Approval of the Dean and Department Chairman upon recommendation of the faculty advisor.

293-493 Internship (Variable credits) The Internship number is available to academic departments to provide an opportunity for supervised "field-work" that is specifically related to the student's major field of study.

294-494 Conference or Workshop (0-4 credits) Conducted by outstanding leaders or qualified faculty in a particular field under the auspices of Boise State College.

297 Special Topics (1-4 credits) *

496 Independent Study (1-4 credits) Individual study of either a reading or project nature. Offered on demand. Student must make application well in advance of this special study experience. May be repeated for a maximum of 9 credits; 6 credits in any one academic year. Prerequisite: consent of instructor and department chairman.

497 Special Topics (2-4 credits)* Prerequisite advanced standing and consent of instructor and department chairman.

* A maximum of 12 credits of Special Topics, 297 or 497 will be allowed to apply toward core requirements; however an unlimited amount may apply toward graduation. Special Topics courses must be within departments specified in each core area to meet core requirements.

498 Seminar (1-4 credits).

499 Seminar (1-4 credits).

GRADUATE

The following numbers may be used by any department, with variable credit, to offer credits for the type of activity indicated in the titles and explanatory notes. Limits on the amount of credits of any one type (i.e., any one number category) which may be applied on a given degree will be set by the graduate council. His supervising professor or committee will determine for any one student those credits of the standardized type which may apply to his individual program.

580-589 Selected Topics

The intention is that the subjects normally offered and studied in any one department will be divided into no more than 10 areas. One of the numbers 580 and 589 will then be assigned a given area on a permanent basis. The topics considered in the courses in any one area will generally vary from semester to semester, but repeated use of any one number will always imply that the topics continue to be selected from just one area.

590 Practicum

591 Research Project

592 Colloquim

593 Thesis

594 Extended Conference or Workshop (Graded A through F)

595 Reading and Conference

596 Independent Study

Master's programs at Boise State University may include independent study credits, at the discretion of the graduate student's supervising committee or professor, through a limit of (9) semester hours, with no more than (6) credits in any one semester or session.

597 Special Topics

598 Seminar

599 Short Term Conference or Workshop (Graded Pass or Fail)

Generally, the 599 number is used only for courses meeting 3 weeks or less, and 594 for courses meeting more than 3 weeks. The decision, however, is made in all cases by the department or school making the schedule.

INTERDISCIPLINARY COURSES

The following interdisciplinary courses are identified with more than one school or department.

HP 198, 298, 398, 498 Honors Seminar (1 credit) A seminar involving interdisciplinary lectures and discussion for Honors Students. Topics are selected by the students. Credit or no credit will be given rather than letter grades.

HP 100, 200, 300, 400 Summer Readings (1-3 credits) An opportunity and incentive for students to continue their studies during the summer when they are away from campus and faculty. Students must select their area of interest, contact a faculty supervisor, and coordinate through the Honors Program Director concerning testing and credit for the work prior to the end of spring semester. Students will register during fall registration and will complete written and oral testing as required not later than October 15 in order to receive credit or no credit.

SG 188, 496 Student Government Independent Study (1-3 Credits) Students who are currently serving in major student government offices may avail themselves of Independent Study in Student Government. This study will be coordinated by the Vice President for Student Affairs and may be taken in any department of the college provided an instructor is willing to direct the study. Students who are eligible for this study are (1) the Major Elected Officers, (President, Vice-President, Treasurer), (2) Major Appointed Officers, (Business Manager, Publicity Director, Administrative Assistant to the President, and Personnel Officer), and (3) Senators. Credits may not exceed three in any one semester or six in one academic year. A maximum of nine credits will be accepted towards graduation.

GO/HY 497, 597 Special Topics in General Education (Variable credits)

GS 501 History of Science—1800 to Present For Elementary Teachers (3 credits (Course description Part IV of catalog)

MINORITY INTEREST COURSES

Courses offered at Boise State University that emphasize racial minority culture, contributions and problems are listed

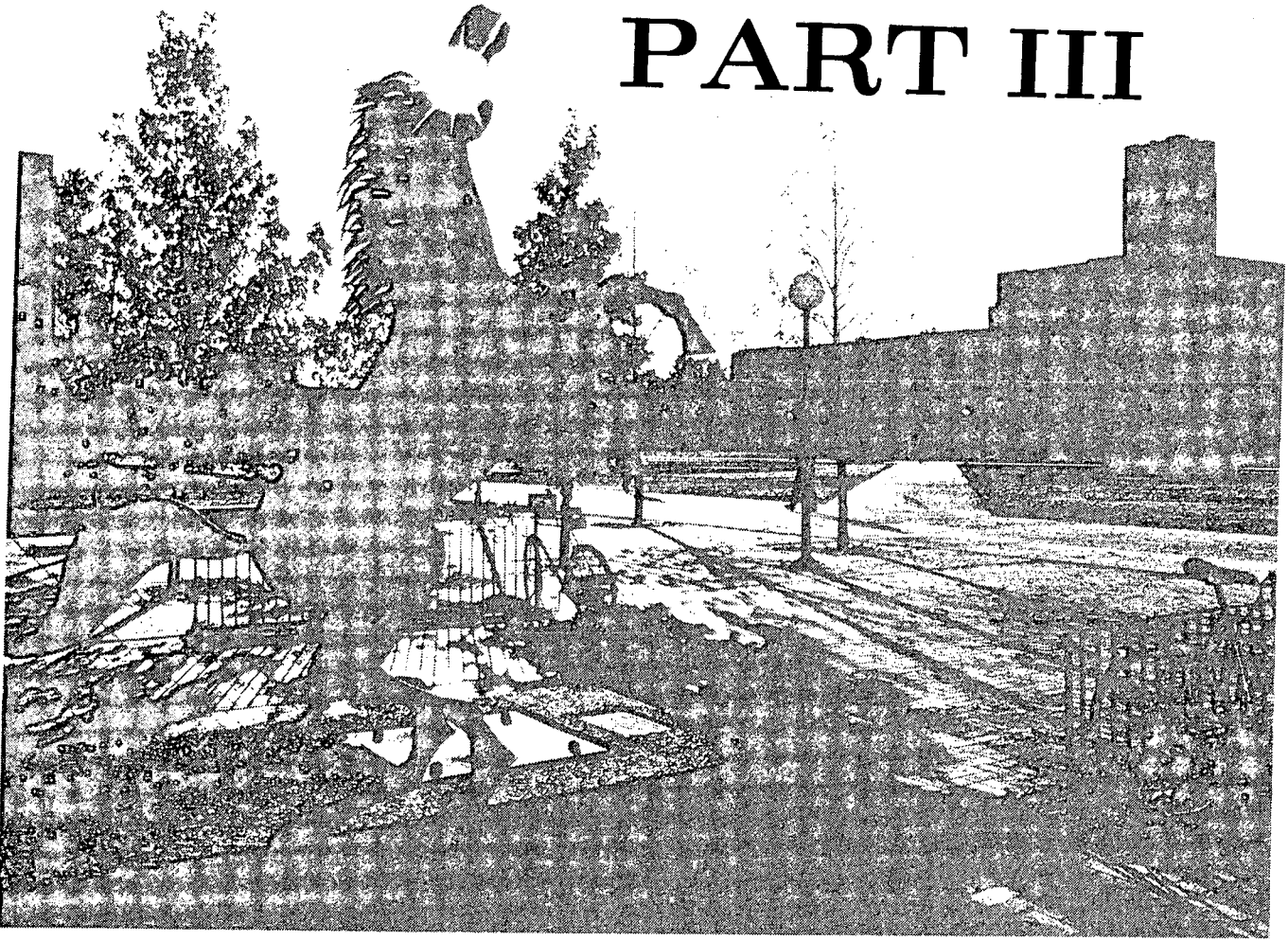
below. These courses are open to all students on campus. Since there is a new awareness on the campus of minority needs, the curriculum is always changing. Students are advised to carefully read the class schedule each semester to check on new courses.

- | | |
|--------------|---|
| Anthropology | AN 201 Physical Anthropology
AN 202 Cultural Anthropology
AN 307 Indians—North American
AN 315 Indian People of Idaho |
| English | E 219 No. American Indian Folklore and Literature
E 213 Afro-American Literature
E 215 Far Eastern Literature |
| History | HY 315-16 History of the Far East
HY 355 The American West
HY 356 The Indian in American History
HY 334g U.S. Social & Cultural History
HY 205 Lewis and Clark
HY 261 Minorities in U.S. History |
| Sociology | SO 305 Race and Cultural Minorities
SO 424 Rural Sociology and Developing Nations |





PART III



Student Affairs

OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS

The office of the Vice President for Student Affairs coordinates the activities of the University that provide direct service to the student. All services are considered supportive to the instructional program and are designed to provide direct assistance to students in the attainment of their immediate and long range educational goals.

The staff of the Vice President for Student Affairs administers a student services program encompassing student government, housing, organizations and activities, health, Student Union, counseling, financial aids, and career planning and placement.

STUDENT ADVISORY AND SPECIAL SERVICES

The primary responsibilities for general advising, counseling, and assistance are provided through the Office of Student Advisory and Special Services. Coordination of the Veterans' Affairs Office, the Minority, Handicapped, and Disadvantaged Student programs, Foreign Student Advising and other special student services are responsibilities of this area. This office also develops and publishes the Boise State University Student Handbook.

All Complete Withdrawals from the University as well as

student appeals, special requests, and petitions are initiated and cleared through this office (see page 14 of this bulletin).

Veterans' Affairs

This office provides services and assistance for all veterans enrolled at Boise State University and non-student veterans living in the University's normal service area. The Veterans' Coordinator through an Outreach program, informs and advises veterans of their eligibility for educational benefits and assistance. The office is responsible for establishing special education programs of a remedial, motivational, and tutorial nature that will assess veterans' needs, problems, and interests. The Veterans' Affairs staff will refer veterans in need of counseling to the other student assistance areas and to community agencies.

STUDENT UNION

The Student Union Building is designed to offer students, faculty, staff and the community a wide variety of facilities for social, recreational, study, dining, and meeting needs. Services available on the first floor of the Union are the snack bar, information center, which handles ticket sales to Boise State activities, Scheduling Office, a full-service Bookstore, and Barbershop. Also located on the first floor is the games area which has a six lane bowling alley, pool tables, coin machines, a quiet games area, rental equipment area, and a special outdoor recreation program.

STUDENT AFFAIRS

Financial Aid

Two spacious student lounges are available, one located on the first floor and one on the second floor. Both are equipped with fireplaces and provide a view of the entire campus. On the second floor of the Union are numerous meeting rooms and banquet facilities, a T.V. lounge, the Main Dining Room for boarding students, and the Ball Room with a capacity of 900 and offices for the Student Activities and Student Union Director, Associated Students, student organizations, Arbiter, and Alumni Office.

The third floor of the building consists of an elegant student lounge — "The Lookout" — with a panoramic view of the city of Boise, the campus, the mountains, and the Boise River.

The Student Union is governed by the Student Union Board of Governors, which consists of ten student members, three faculty members, six administrative members and an Alumni representative. The Board recommends policy to the President regarding building usage and general programs. A full-time Director and staff are employed to operate the Student Union Building and coordinate the student activities and organizations program.

Your Campus Store

Your Campus Store is operated by the University as an official source for all textbooks, study aids, and other school supplies needed by students.

Located in the Student Union, Your Campus Store has textbooks available for every course offered by the University. Used books are stocked for resale wherever possible as well as a large paperback book selection.

Also offered is a wide variety of merchandise for sale. This ranges from precision drafting equipment — including Hewlett-Packard and other calculators. Also writing materials, art supplies, greeting cards, jewelry, gifts, posters, magazines, BSU items (i.e. mugs, sweatshirts, T-shirts, jackets and various souvenir items) some health/beauty aids; plus photo developing service, Xerox service, keys made, school rings and a Special Order Service for books not normally kept in stock.

HEALTH SERVICE

The Student Health Service assists the academic goals of students by providing health education, preventive medicine, and therapeutic care. We attempt to help the student achieve optimal health with quality medical care at a reasonable cost.

All full-time students should be familiar with the location of the Health Service, 2121 College Boulevard. It is directly across from the Campus School. The health fee entitles the student to receive medical care and consultation during regular clinic hours. Additional community services are utilized when necessary. Some services deemed to be the responsibility of the student, and not included in the health plan, are dental care, eye glasses, allergy tests, routine physical examinations, and pregnancy.

The Student Health Service exists for full-time students only. Inquiries regarding the pre-admission medical examination and services rendered can be made directly to the Student Health Service, Boise State University, 385-1459.

CENTER FOR COUNSELING, TESTING AND GUIDANCE

The Center for Counseling is a service designed to help students with personal, educational, vocational and social problems. Professional counselors work with the student in a setting that allows confidential discussion of the student's concerns. This service is based on the premise that many normal individuals have, at some times, problems that they cannot resolve alone. The student may concentrate on a specific problem or he may work on his general adjustment to the academic life. Psychological tests may be used for self-evaluation and information. Occupational information is available.

All students are eligible for counseling. Appointments may be made by phone — extension 1601 or in person at the Counseling and Testing Center, second floor, Library Building, room 247.

ALUMNI AFFAIRS OFFICE

The Alumni Office is located on the second floor of the Student Union Building. The function of the office is to coordinate activities of the Boise State University Alumni Association, a voluntary organization incorporated in 1967. Membership includes all individuals who have completed two semesters or more and entitles them to receive alumni news publications, placement services, use of the Student Union, Library and swimming pool facilities. The objectives and goals of the association are to maintain contact with graduates and former students and to promote their interest in and support of the University. The office publishes a newsletter and periodical mailings keep the alumni informed of campus activities. All members are urged to keep the Alumni Office informed about changes of address, employment status, marriages, births, and other information of interest to fellow class members. Students and alumni are welcome to visit at any time during office hours.

CAREER AND FINANCIAL SERVICES

Career and Financial Services provides a program of advising and assisting students regarding financing their education, determining what they want to do when they graduate, and obtaining career employment upon graduation. The office is located in Room 117, Administration Building.

I. Career Services

Career and Financial Services provides career planning and placement assistance to students and alumni. This is an equal opportunity service. Basic services include: 1) Career Planning and Information.

Professional staff are available to provide information and assistance regarding career choice and placement opportunities. Career and Financial Services maintains a career resource center in room 124, Administration Building, containing a growing library of career information, recruiting literature, the College Placement Annual, and other career references.

2) Credential Service

By establishing a placement file with Career and Financial Services, students may assemble a permanent file containing all the vocationally significant data at a time when instructors and administrators remember them best. Once a file is established, copies may be sent to prospective employers. Students are encouraged to establish credential files early in the year they plan to graduate.

3) On-Campus Interviews

Students and alumni are also welcome to interview with the employers recruiting on campus. Each year, representatives from business, government and educational institutions arrange for interviews in the Career and Financial Services office.

II. Financial Services

Boise State University has a comprehensive financial assistance program which includes a variety of types of scholarships, loans, grants, and part-time jobs for which one might apply. The office is located in room 117, Administration Building.

NON-DISCRIMINATORY POLICY

It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits including financial aid to students and employees without regard to race, color, national origin, or sex, in accordance with the guidelines of the following Civil Rights Laws:

Title VII of the Civil Rights Act of 1964

Prohibits job discrimination based on race, color, religion, sex, or national origin. It is enforced by the Equal Employment Opportunity Commission.

Age Discrimination and Employment Act

Prohibits age discrimination in such area as hiring, discharge, leave, and compensation. Protects all people from the ages of 40-64. It is enforced by the Wage-Hour Division of the Department of Labor.

The Rehabilitation Act of 1973.

Fair Credit Reporting Act.

Title VI of the Civil Rights Act of 1964

Prohibits discrimination of race, color, or national origin for both students and employees. For our purpose regulated by the Department of Health, Education, and Welfare.

The Education Amendment Act of 1972 (Title IX)

This prohibits discrimination on the basis of sex by both employees and students. Enforced by the Department of Health, Education, and Welfare.

Public Health Service Act (Section 779A and 845)

Enforced by the Department of Health, Education, and Welfare.

Applying for Aid

Because of major differences in the criteria used in awarding various forms of assistance available through Career and Financial Services, several different application forms are in use depending on the types of aid sought. An applicant may have to complete one, two, or more of these application forms. The three primary forms are discussed briefly below.

Generally, students who are seeking aid on a financial need basis should ALWAYS complete the American College Testing-Family Financial Statement and the BASIC EDUCATIONAL OPPORTUNITY GRANT APPLICATION. Those seeking an award based on scholarship alone need complete only the Boise State University Academic Scholarship Application.

THE AMERICAN COLLEGE TESTING-FAMILY FINANCIAL STATEMENT

Hereafter referred to as the ACT-FFS, it can be obtained from Career and Financial Services, high school counselors, or ACT, P.O. Box 1000, Iowa City, Iowa 52240. Carefully complete the ACT-FFS. USE A SOFT PENCIL. Obtain necessary signatures. Prepare a check or money order (no currency) payable to 'American College Testing' and mail CHECK and 4-page FFS in the envelope provided addressed to Iowa City, Iowa. The priority deadline for these applications is March 1, 1977 to receive aid for the following Fall.

ACT will process your FFS and send you a Student Financial Aid Report (SFAR). Included with it will be an INSTITUTIONAL DATA SHEET (IDS). Complete the IDS and mail it to: Coordinator, Student Financial Aid Programs, Boise State University, Boise, Idaho 83725.

BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM APPLICATION

Applications for the Basic Educational Opportunity Grant Program, hereafter referred to as BEOG, can be obtained from the Career and Financial Services office, high school Counselors, or local libraries. After this application is completed, mail it to BEOG in the envelope provided. Upon receiving the Student Eligibility Report (SER) from BEOG, the student then submits the SER to Boise State's Career and Financial Services office for determination of the award amount. See end of this section for details on eligibility.

BOISE STATE UNIVERSITY ACADEMIC SCHOLARSHIP APPLICATIONS

These can be obtained from the Coordinator, Student Financial Aid Programs, Boise State University, Boise, Idaho, 83725. Applications are to be returned to the Career and Financial Services office. *The deadline for scholarship applications is February 1, 1977. NONE postmarked after February 1st will be processed by Career and Financial Services.*

VOCATIONAL REHABILITATION, VETERANS ADMINISTRATION ("GI") AND OTHER STATE AND FEDERAL ASSISTANCE

It is the obligation of Career and Financial Services to con-

sider other governmental agency aid funds as **direct** educational resources. Applicants for financial aid who are also negotiating with Vocational Rehabilitation Services for direct educational expenses are required to file the ACT-FFS.

DUPLICATION OF AID

Failure to promptly inform Career and Financial Services of other aid which is a duplication of funds already provided may subject the student to cancellation of his or her registration at the request of Career and Financial Services and subsequent reimbursement of funds provided by the University.

RENEWAL AND RE-APPLICATIONS

It is necessary to file the appropriate aid applications *each year* to be eligible for renewal of all types of financial assistance.

IDENTIFICATION OF SELF-SUPPORTING (OR INDEPENDENT) STUDENT

Under Federal regulations, a student will be eligible for consideration as an "Independent Student" for Federal student financial aid who:

- 1) Has not and will not be claimed as an exemption for Federal income tax purposes by any person except his or her spouse for the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested.
- 2) Has not received and will not receive financial assistance of more than \$600 from his or her parent(s) for the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested, and
- 3) Has not lived or will not live for more than 2 consecutive weeks in the home of a parent during the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested.

For purposes of these paragraphs, a student will not be considered to have been claimed as an exemption by a parent, or to have received \$600 from a parent, or to have lived with a parent if that parent has died prior to the student's submission of an application for employment under the College Work-Study Program.

In determining the **amount of income and net assets that should reasonably be made available by a self-supporting or independent student and that student's spouse** to meet such student's cost of education, the student financial aid officer shall take into consideration:

- a) Any serious illness in the family (family members include the student, the student's spouse, and persons for whom the student or spouse may claim an exemption under section 151 of the Internal Revenue Code);
- b) The number of dependent children of the student;
- c) The number of such dependent children attending institutions of higher education; and
- d) Such other circumstances as may affect the ability of the student or the student's spouse to contribute toward the student's cost of education.

Special considerations. Upon the request of a student who does not live with his parents, who visits his parents for periods of time no longer than those which are typical for adults visiting their parents, and who does not receive from his parents gifts which exceed in value the amounts typically given by parents as incidental gifts to their adult, non-dependent offspring, the student financial aid officer shall make a determination as to whether the relationship between that student and his parents is of such a nature that it is unreasonable to expect the parents to contribute toward his cost of education, regardless of their ability to do so. The reasons for such determination shall be made part of the institution's written records. The student financial aid officer shall, before making such a finding, make such efforts as he deems appropriate to ascertain whether the student's parents are in fact willing to contribute toward the student's cost of education.

STUDENT AFFAIRS

Financial Aids

FINANCIAL AID PROGRAMS

Since the various student aid programs are continually being revised, only a brief description is presented here. For more detailed statements contact the Coordinator, Student Financial Aid Programs at Boise State University.

SCHOLARSHIPS

1) Academic and Vocational Scholarships

Career and Financial Services cooperates with academic departments and the Vo-Tech Division in awarding a number of scholarships. These awards are based on ability and accomplishment and are available to both new and continuing students. Students interested in these scholarships should contact the Career and Financial Services for a BSU Academic Scholarship Application. *The deadline for the applications is February 1st.* Students are advised to contact the chairperson of their academic department for details concerning department criteria for academic scholarship.

2) Restricted Scholarships

Career and Financial Services also administers a number of scholarships that are awarded on the basis of financial need, academic excellence, and other criteria stipulated by the contributor. To be considered for these scholarships, students must submit by *February 1st* a BSU Academic Scholarship Application and the ACT-FFS by March 1st.

3) Service Awards and Other Grant Aid

Various departments and schools in the university also have some restricted scholarships and service awards. Students should check with Career and Financial Services for a list of these other awards.

4) University Club Awards

A limited number of University Club Awards are available for incoming Freshmen. These awards are given annually in recognition of academic achievement, leadership, performing arts, or special talent. Applicants should contact the office of the Coordinator of High School and University Relations, Boise State University, 1910 College Blvd., Boise, Idaho 83725.

5) State of Idaho Scholarship Awards

Idaho resident high school seniors should obtain the State of Idaho Scholarship Program application from their counselor or Office of the State Board of Education, 614 West State Street, Boise, Idaho 83702.

6) State Student Incentive Grants.....

In amounts up to \$750 per semester will be awarded by the Office of the State Board of Education for deserving students in need of financial aid to continue or enter any postsecondary education institution in Idaho, including proprietary schools, eligible to receive Federal funds. Write to the Office of the State Board of Education for an application form and further information, at 614 West State Street, Boise, Idaho 83702, or obtain instructions and application from Career and Financial Services.

7) Idaho National Guard Educational Encouragement Fund Program.....

will provide an amount not to exceed one-half of the semester or term registration fee while in good standing with his or her unit and enrolled for a minimum of 12 credit hours or 30 hours per week in vocational-technical courses. Application forms may be obtained from unit commanders or Idaho National Guard, Adjutant General's Office, P.O. Box 1098, Boise Idaho 83701.

FEDERAL STUDENT AID PROGRAMS

Career and Financial Services administers the various Federally supported student aid programs. Students interested in any of these forms of financial assistance must file an ACT-FFS, unless otherwise specified.

1) National Direct Student Loan

A long term loan wherein both interest (3 percent) and payment are deferred while the student attends an accredited college or university.

2) Nursing Student Loan

A 3 percent loan available to students admitted to the registered nursing program.

3) Federally Insured Student Loan (7 percent)

The Federally Insured Student Loan program provides insurance for loans made by authorized lenders to students. Loans are made at the discretion of the lender. Career and Financial Services will provide OE Forms 1154 and 1260 and advise applicants which lending institutions in the area are participating. (The ACT-FFS must be filed when the ADJUSTED family income is \$15,000 or greater.) Portions of OE Form 1154 and OE 1260 must then be completed by the Career and Financial Services Office.

Oregon residents should obtain the Oregon State Scholarship Commission Application and Certificate for Student Loan.

Nevada residents should file the United Student Aid Funds Form 115 2-74.

4) College Work Study Program

The majority of on-campus student jobs are funded by this program. An ACT Family Financial Statement is required each year to determine eligibility, financial need and level of gross earnings.

5) Supplementary Educational Opportunity Grant

Students whose need is such that it is not met by other forms of financial assistance available may be considered for a Supplementary Educational Opportunity Grant (SEOG). Grants *must* be matched with other sources of aid such as scholarships, loans or work study employment. An ACT Family Financial Statement must be filed each year in order to determine eligibility and financial need.

6) Nursing Scholarship

The purpose of the Nursing Scholarship (a federal grant) is to encourage and enable exceptionally needy students who otherwise would be unable to continue their education to pursue their studies at institutions of higher education in the Registered Nursing field. Students must be accepted into the Registered Nursing program and file an ACT Family Financial Statement each year a grant is sought.

7) Basic Educational Opportunity Grant (BEOG).

Students must submit the Basic Grant application for determination directly to BEOG for consideration in this program. Students must carry 12 credit hours each semester or 25 clock hours or more in a technical program each semester to receive a full Basic Grant calculated on a nine-month period.

The Basic Educational Opportunity Grant Program is a Federal Aid Program designed to provide financial assistance to those who need to attend post-high school educational institutions. Basic Grants are intended to be the "floor" of a financial aid package and may be combined with other forms of aid in order to meet the full costs of education. The amount of your basic grant is determined on the basis of your own and your family's financial resources.

You will be eligible for a grant if you meet several important criteria:

1. You have established your financial need by means of the BEOG application.

2. You will be enrolled in an eligible program at an eligible college, university, vocational or technical school, and you will be attending at least half-time (6 cr. hrs).

3. You are a U.S. citizen or are in the United States for other than a temporary purpose and intend to become a permanent resident or are a permanent resident of the Trust Territories of the Pacific Islands.

The Basic Educational Opportunity Grant Award is a grant and, unlike a loan, does not have to be repaid.

8) Law Enforcement Education Program

The Law Enforcement Education Program (LEEP) provides grant or loan funds for fees for the upgrading of law enforcement personnel. Recipients of grants must be full-time employees of a publicly funded law enforcement agency for a period of two years following completion of any course of study by a grant. **Two special applications are necessary each semester.** The grant carries an obligation to remain with the agency for a period of two years following completion of any course of study funded by a LEEP grant. Failure to continue law enforcement employment obligates the grant recipient to repay the full amount of the funds awarded. Loans in excess of fees are available only to law enforcement personnel who are certified to be on academic leave.

Applications must be received prior to four weeks before registration. Effective July 1, 1975, the BSU LEEP institutional representative must certify individual courses approved under **typology of crime-related degree programs.**

9) Native American (American Indian Students Tribal and BIA (Bureau of Indian Affairs) Grant

A student whose eligibility for Indian student education grant in-aid can be verified by their tribal agency, in addition TO FILING THE ACT-FFS, SHOULD REQUEST A SPECIAL AFFIDAVIT FROM THE CAREER AND FINANCIAL SERVICES OFFICE. Two copies are to be sent to the Education Specialist of the tribal agency. Vo-Tech students should contact the Employment Assistance Division of their tribal agency.

OTHER INSTITUTIONAL AID

1) Other Part-time Employment

Part time and vacation employment services are available to all full-time students and their spouses and part-time students who are working towards a degree from Boise State University. A great variety of types of jobs and hours to work are listed each year. Applicants must meet the qualifications established by the various area employers who list these positions with Career and Financial Services. This job referral service is located in room 117, Administration. Some job opportunities on campus are available to students who desire to work and who do not meet the strict financial need requirements of the Federal College Work Study program.

2) BSU Student Loans

Loans on a short term repayment basis are made to students contingent upon 2.00 or better grade average, documented need and funds being available. Students with immediate, temporary financial need should contact Career and Financial Services for a BSU Student Loan Application. One letter of recommendation is required for first-time borrowers.

3) Waiver of Non-Resident Tuition

The University has been authorized a strictly limited number of Waivers of Non-Resident Tuition awarded by Career and Financial Services. All other sources of aid must be explored before an applicant is provided a tuition waiver. An ACT-FFS **must be filed each year.** Non-resident students who have forfeited athletic grants-in-aid (which included tuition) may NOT be considered. Renewal of a waiver is **not automatic** with satisfactory academic progress. Applications filed by March 1st annually will be given priority consideration.

FOREIGN STUDENTS REGULATIONS

The state department has modified its guidelines on foreign visas. The student will have to demonstrate that he or she has resources for the entire period of intended study (though this does not mean having cash in hand in advance).

Authorization for summer employment of foreign students has been virtually terminated by the Immigration and Naturalization Service except in cases supported by the most compelling evidence of financial difficulty. An international student may be considered for on-campus employment of a part-time nature, if it is established as financially necessary as reviewed by a committee.

Since most funds at the disposal of Career and Financial Services are from Federal programs, they are not available for non-U.S. citizens. Emergency funds in the W.L. Gottenberg Foreign Student Loan Fund and the Boise Rotary International Student Loan Fund are available upon recommendation of the foreign student advisor and another associate. Repayment to the university within a specified time is mandatory.

A foreign student may be considered for a tuition waiver but only when severe financial need has been demonstrated and **only** after he or she has completed at least one year in residence at the university.

RESPONSIBILITY FOR VALID DATA

Parents and student applicants should be prepared to certify that to the best of their knowledge the information contained in the ACT Family Financial Statement and BEOG are correct and complete. The University reserves the right to request copies of U.S. or State Income Tax Returns.

WARNING: ANY PERSON WHO KNOWINGLY MAKES A FALSE STATEMENT OR MISREPRESENTATION SHALL BE SUBJECT TO A FINE, OR TO IMPRISONMENT, OR TO BOTH UNDER PROVISIONS OF THE UNITED STATES CRIMINAL CODE.

STUDENT ACTIVITIES

Program Office

The Program Office, located on the second floor of the Student Union, acts as the central office for all campus activities. It houses the Student Union Program Board (SUPB) Offices, the Union Program Office, and has mailboxes for the various campus organizations. Come to the Program Office to obtain any information regarding campus activities.

Student Union Program Board

The Student Union Program Board (SUPB) is composed of 9 student committees which have the responsibility for planning and implementing a well-rounded activities program at Boise State. There are about 150 positions available to students each year on the various SUPB committees such as Pop Concerts, Pop Films, Foreign Films, Lectures, Coffeehouses, Art Shows, Outdoor Activities, Special Events, Publicity, etc. Students are urged to apply in the Program Office.

Student Organizations

On the Boise State University campus there are a large number of student organizations covering almost every area of student interest. There are student chapters of professional organizations, special interest groups and other extracurricular organizations. These organizations and groups provide broad opportunities for student participation.

Further information on student organizations may be found in the student handbook or by contacting the Program Office in the Student Union.

Student Government

Every full-time student is officially a member of the Associated Students of Boise State University (ASBSU).

The fee that each full-time student pays to student government is used to fund a complete social program, a student newspaper, a complete men's and women's intramural and recreational program, a marching band, and partially such programs as drama, debate, choir and community symphony.

Other related programs administered by student government would include Homecoming, a part-time lawyer available to all students, a campus beautification program and the funneling of

STUDENT AFFAIRS

Activities

student opinion into every faculty or administrative committee dealing with the governance of the University.

Additional information regarding student government may be obtained from the Student Handbook or in the ASBSU Offices on the second floor of the Student Union.

Religious Activities

Students are encouraged to participate in local churches. Several religious groups have buildings for students near the campus. Most groups affiliated with Boise State University meet in the Student Union for discussions and fellowship.

The Inter-Faith Council is composed of student representatives or recognized religious organizations on campus. The Council promotes and coordinates religious activity. The Council encourages and assists new groups to form on campus and receive recognition from the Student Senate.

Student Publications

A number of student publications are printed during each school year to serve as sources of information for new students, to report the many events of interest to the campus community, and to record the year's activities.

The Arbiter is the official newspaper of the students of Boise State University. Staff positions are open to full-time students interested in journalism, not necessarily journalism majors.

Les Bois is the university annual published by the Associated Students. The editor is appointed each year by the ASBSU President and other positions on the staff are open to all interested full-time students.

Boise State University Student Handbook is the official guide to all University policies, procedures, activities, and organizations. The Handbook is published annually by the Student Advisory and Special Services Office in cooperation with the ASBSU Student Handbook Committee.

Social Fraternities and Sororities

Boise State University has a number of national social fraternities and sororities. Local chapters of Alpha Chi Omega, Alpha Omicron Pi, Delta Delta Delta, and Gamma Phi Beta for women, as well as Kappa Sigma, Sigma Nu, and Tau Kappa Epsilon for men are active on campus. Membership in these fraternities and sororities is by invitation only. Students interested in obtaining more information about them should write directly to the Activities Center, Student Union Building.

Band, Orchestra, and Choir

The Music Department provides opportunity for music students, as well as other interested students who can qualify, to participate in the Boise State University orchestra, bands, choirs, and smaller ensembles. Particulars are noted in the various course descriptions found in the ME (Music, Ensemble) section of the Music Department course offerings elsewhere in this Bulletin. For additional information contact the Music Department office.

Bronco Marching Band

The Bronco Marching Band is open to all the students, full or part-time, freshman through graduate. No previous marching experience is necessary to be a member. The Bronco Band will provide instruments for those who do not have their own. Women who do not play an instrument are encouraged to join the Flag Corps. Marching Band credit is applicable toward Area I in graduation requirements. For further information please contact Music Department.

Theatre

All members of the Associated Students are admitted without charge to a full season of theatre productions. All students of BSU who have the required grade point average are eligible for participation in all respects of these extracurricular activities.

Debate

Members of the Debating Team travel many thousands of miles each year to engage in intellectual competition with schools from across the country. Proficiency in critical thinking, public speaking and the ability to investigate and intensively analyze significant contemporary issues are the goals sought by students involved in this activity. Financed primarily from the Associated Students of Boise State University budget, it is open to all students who wish to participate.

Athletics

The University encourages athletics as a part of its educational program, with all intercollegiate sports directed and controlled by the Athletic Director, and his staff.

Teams have been organized in football, cross-country, basketball, wrestling, skiing, baseball, track, and tennis. Intercollegiate varsity and freshman athletic events are played under the rules of the National Collegiate Athletic Association (NCAA), of which organization the University is a member. Eligibility to participate is determined by the Boise State University Athletic Board of Control.

The ASBSU and the Department of Physical Education through the Recreation Board provide intramural sports as a recreational opportunity for all students not actively engaged in intercollegiate athletic competition. Intramural participation is free to all students.

ELIGIBILITY FOR EXTRA-CURRICULAR ACTIVITIES

1. In order to represent Boise State University or any student organization in any extracurricular activity of an intercollegiate nature such as: debate, student conferences, fraternal or organizational conferences, class related activity junkets, cheerleaders, etc. a student must:

- a) Not be disqualified or suspended from the university or on academic, social or conduct probation.
- b) Be currently enrolled as a full-time student. (8 hours or more).
- c) The ASBSU President, Vice-President, Treasurer, and Senate Members shall have a minimum 2.25 cumulative GPA standing at the time of election to office, and must maintain minimum University standards throughout their tenure in office, in accordance with article V section 2 clause 1 of the ASBSU Constitution.

2. The Student Policy Board in its official capacity, as the primary agency for the development and administration of the Student Code of Conduct, Student Judicial System, and other student policies and procedures relating to student life on the campus of Boise State University, would strongly recommend, to those appointing officials, that a cumulative GPA of 2.00 or better be set as a standard for academic acceptance in the choosing of individuals to represent the Associated Students of Boise State University. The Student Policy Board encourages student campus organizations to set additional standards that they deem necessary and beneficial to that organization. The Policy Board feels that the duty of relieving a student from the position he/she holds because of lack of compliance with the aforementioned requirements is the responsibility of the appointing official of that organization.

3. Exceptions: Rule 1A does not apply to students engaged in activities that are required as part of a class or students participating in intramural sports.

Intercollegiate Athletic Eligibility

Students participating in intercollegiate athletics must comply with the eligibility rule of the National Collegiate Athletic Association. Specific information concerning individual eligibility may be obtained from the Athletic Director at Boise State University.

Student Conduct

Upon enrollment the student and the university enter into an agreement of mutual responsibility for maintaining order and standards as well as preserving the educational purpose and

function of that relationship. The University is obligated to advise the student of established policies and procedures whereas the student is obligated to conduct himself as a responsible member of the university and larger community.

As representatives of the university, students are expected to conduct themselves in a manner which will bring credit to themselves and the University. Standards of behavior should reflect good taste, courtesy, consideration and respect for the rights of fellow students.

Being a student at Boise State University does not relieve the individual of his responsibility to society and its laws. University sanctions may be imposed on a student apprehended by a law enforcement agency or appearing in a civil court where his conduct significantly interferes with the University's educational responsibility to all members of the University community. This policy does not in any way constitute double jeopardy.

Disciplinary Sanctions

Disciplinary action for misconduct on or off the campus may include payment of damages, fines and-or constructive services, or one of the following:

(1) *Admonition*—An expression from the administration, generally in the form of a verbal warning or caution, that the expected standard of conduct is not being maintained. Used principally with first time minor infractions.

(2) *Censure*—An expression of disapproval or condemnation of a specific act against the standard of conduct—generally in writing—with a possible loss of a minor privilege.

(3) *Conduct Probation*—Generally a written warning, with or without a judicial hearing signifying that additional disregard for the standard of conduct will constitute grounds for suspension or expulsion. Usually a minimum time period is specified.

(4) *Disqualification*—Disciplinary action excluding the individual from participating in certain activities or privileges for a prescribed period of time. A loss of a privilege, i.e., relinquishing a student office.

(5) *Suspension*—An administrative or Student Hearing Board action terminating registration, with a possible loss of academic credit, for a prescribed period of time. Re-enrollment must be requested by petition.

(6) *Expulsion*—An Administrative or Student Hearing Board action permanently terminating a student's registration at the institution. Readmittance is possible only by action of the President of the University.

Procedural Due Process and Right of Appeal

Fair play in all situations involving serious disciplinary actions is a right of every student. This is especially true in cases where conduct probation, suspension or expulsion are imposed or where an adverse notation may be made on a permanent record. In such cases, due process will consist of:

(1) Adequate written notice of the charges. Normally said notice is sent from the appropriate office.

(2) The opportunity for a fair hearing by allowing the student to appear alone or with another person to assist or advise him; to hear the evidence, its nature and source, and to offer evidence in his own behalf.

(3) The right of the student to question the source of the evidence and to be heard by those in charge of the hearing.

(4) The right of the student to be heard by committee, board, or appropriate official.

(5) The right of the student to appeal the decision to the next highest authority and to be advised of the procedure.

Appeals Procedure

(1) Appeals from a lower judicial body should be made to the next higher body, i.e., ASBSU Judiciary or Student Policy Board, through the Office of Vice-President for Student Affairs. All appeals must be in writing and submitted within seven (7) school

days of the decision with copies to the original and last judicial body. The appeal should include the reason for the appeal.

(2) Appeals from decisions of the Student Policy Board may be made to the President of the University through the Office of the Vice-President for Student Affairs. The appeal must be in writing giving full details of the case and specific evidence or justification for the appeal within seven (7) school days of the previous decision.

STUDENT HOUSING

The Boise State Residence Hall Application Contract initiated at the beginning of the academic year is binding for the entire school year (fall and spring semesters). Thus the student who enters into a housing agreement with the university is committed to living in a university residence hall for the entire school year. Breach of contract will obligate the student for the full amount of the contract.

Students living off campus or at home are subject to the same standards of conduct expected of students living in university housing or residence halls.

Student Residential Life

The Office of Student Residential Life is responsible for all operations and programs related to the residence halls, married students housing, and off-campus living concerns. The Office implements and initiates the university's housing policies and procedures. This Office selects residence hall staff and maintains an ongoing training program. Supervision is provided for the President's Council, as well as advising for the various residence hall judicial boards.

The office also supervises all married student housing and assignments; plans for redecorating, maintaining, and refurbishing of all university housing facilities; promotes the listing of public housing with the university for student use; supervises the records kept of available and occupied residence hall facilities and community housing.

University Residence Halls

Boise State currently maintains four residence halls with accommodations for approximately 760 students. Living conditions are comfortable and conducive to successful academic progress. They also contribute to and encourage participation in the total college experience. The women's residence halls (the Towers' and Driscoll) will accommodate approximately 378 students while the men's residence hall (Chaffee) is designed to house 300 students. The coed dorm (Morrison) provides living facilities for 78 men and women.

The Towers Dorm, located on the west end of the campus, has seven stories and accommodates 300 students. It is carpeted and air-conditioned, with study lounges and laundry facilities.

Driscoll and Morrison Halls, located on the Boise River, are virtually identical, with forty-eight single and fifteen double rooms arranged into ten suites from six to eight students.

Morrison Hall is a coed dorm, with the men and women living in opposite wings separated by lounges and laundry facilities. The dorm is restricted to upper-class students or students over 21 years of age.

Chaffee Hall is divided into two separate three-story units of approximately fifty men to a floor, living in twenty-four double rooms, two single rooms and two Resident Advisor's rooms per floor. Each student room is equipped with a telephone. Both units are connected by enclosed corridors to a Central Lounge and Control Unit. Each floor of Chaffee Hall is in a sense a separate living unit with a small informal lounge, study room, kitchenette, and laundry facilities.

Laundry facilities are available in each of the residence halls. Linens (sheets, pillow cases, and bath towels) are *not* provided and the student must also furnish blankets (2), iron, and a study lamp (lamps are not needed in Chaffee Hall or the Towers). All residents

STUDENT AFFAIRS

Housing

are required as part of the housing contract to take their meals in the Student Union dining room.

Applications for room reservations should be made as early as possible. Contract for residence hall accommodations are for room and board for the *entire* academic year. Applications must be made on the official contract form and accompanied by an application fee and security deposit of \$35.00.

Application Procedure

All inquiries and letters requesting information and application-contracts should be sent directly to:

Office of Student Residential Life
Boise State University
1910 College Boulevard
Boise, Idaho 83725

Applications for residence halls will be processed as soon as the following procedures have been completed:

1) A completed application-contract is sent to the Boise State University Office of Student Residential Life with:

a. A \$35.00 application fee and security deposit. Check or money orders should be made out to Boise State University. This deposit is not to be construed as a partial payment for the cost of room and board. It is held (after assignment) as a damage deposit and as assurance of compliance with the full terms of the contract. It is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions, 1A. Application fee and Security deposits are forfeited if cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 3 for the Spring Semester.

b. Signature of parent or guardian for students under eighteen.

2) After the items above are processed a tentative room assignment is made and the student notified.

3) This room assignment is officially confirmed after the student contracts with the Office of Student Residential Life to pay or make arrangements for room and board fees. The student will be advised of his specific room number when he moves into his hall.

ACCEPTANCE AND PROCESSING OF THE CONTRACT BY THE STUDENT RESIDENTIAL LIFE OFFICE DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE UNIVERSITY; LIKEWISE APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING.

NOTE: Residence hall expense and meal option plans are presented in Part I of this catalog.

MEAL SERVICE CALENDAR (For the Year 1976-77)

Fall Semester — August 24, 1976 through December 20, 1976.
(Except Thanksgiving Vacation, November 25 through November 28, 1976.)

Between Semesters — December 21, 1976 through January 10, 1977. Meal Service will be suspended and the Snack Bar will be closed.

Spring Semester — January 11, 1977 through May 12, 1977.
(Except spring vacation, March 14 through March 20, 1977.)

All residence halls are normally closed during the above-listed vacations.

General Residence Hall Regulations

Occupancy of a Hall is a privilege extended to the student by the University. The continuation is dependent upon his or her reasonable and satisfactory personal conduct and the observance of all University regulations.

1. Quarters are to be occupied only by the students for whom they are reserved. Neither room reservations nor meal tickets are transferable.

2. The University respects the students' right to privacy; however, the University reserves the right to enter a student's room at any time for health, safety, welfare and maintenance purposes.

3. All Residence Hall contracts are for both room and board. Contracts for room only are not available.

4. Room and board payments for the academic year become due and payable prior to August 1; final confirmation of a room assignment cannot be made until financial terms of this contract are met by total payment or the three specified installments. Arrangements for payment other than the above must be made directly with the Office of Student Residential Life.

5. Students will be responsible for the furniture and fixtures in their rooms and for University property within the hall. Where individual responsibility for damages can be determined, the individual will be charged. Otherwise the charge will be made against the hall or floor organization and prorated among the students living in that suite, floor or area at the time the damage occurred.

6. Payment for damages during the academic year will not be taken out of or charged against the security deposit unless the damage charge is not paid. This deposit must remain intact until the end of the year or when the student leaves the University permanently.

7. Participation in fire drills is mandatory. Residents who fail to comply with this requirement and do not vacate the Hall when the alarm rings may be asked to move out because the University cannot then accept responsibility for their safety.

8. Anyone found turning in a false alarm, tampering, damaging or in any way using fire equipment or safety apparatus for other than its intended use will be immediately dismissed from the residence hall, fined, and subject to further action by the University authorities. Electrical wiring or alteration of existing wiring by students is prohibited.

9. The use and/or possession of alcoholic beverages on campus is prohibited. This includes the display of empty alcohol containers in individual rooms or elsewhere where it presents a health, safety, or damage factor within the residence hall.

10. Students who reside in residence halls are responsible for providing insurance against loss or damage to their own personal property. The University does not assume responsibility for or carry insurance against the loss or damage of individually owned personal property.

11. Possession of fire crackers, gun powder and/or other forms of explosives is prohibited.

Off-Campus Student Housing

Lists of available housing are on file in the Office of Student Residential Life. The university does not inspect the accommodations; parents and students must accept full responsibility for the selection. The university recommends that students and parents make written agreements with landlords concerning the obligation and expectations of each party.

As a matter of policy, assignments to University Residence Halls and other housing facilities are made without reference to race, creed or color, and the University expects privately owned accommodations offered through its listing service to be operated in the same manner. Listings are accepted only with this understanding.

Married Student and Family Housing

There are approximately 180 units available for full-time (8 or more credit hours) married students, all within walking distance of the campus. Rates for the University Courts apartments are \$85.00 for small one-bedroom, \$115.00 for large one-bedroom, \$130.00 for two-bedroom, and \$150.00 for three bedroom apartments. These apartments are carpeted and furnished with stoves and refrigerators. Coin-operated washing machines and dryers are located on the site. All utilities except electricity are furnished.

University Heights and University Manor were opened for

occupancy during the summer of 1973 and consist of one-bedroom apartments for \$130.00 per month and two-bedroom apartments for \$155.00 per month. These apartments are fully carpeted and draped but are otherwise unfurnished, except for electric stoves and refrigerators. All utilities are furnished, including laundry facilities.

Applications for married student and family housing may be obtained in the Office of Student Residential Life Room 110, Administration Building.

Application Procedure for Married Student and Family Housing

Applications for married student and family housing will be processed as soon as the following procedures have been completed:

1. Student must be:

a. any married student currently enrolled as full-time and/or fully matriculated at Boise State University.

b. any prospective married student currently enrolled as full-time and/or fully matriculated at Boise State University.

c. any single parent with a child (children) currently enrolled as full-time and/or fully matriculated at Boise State University.

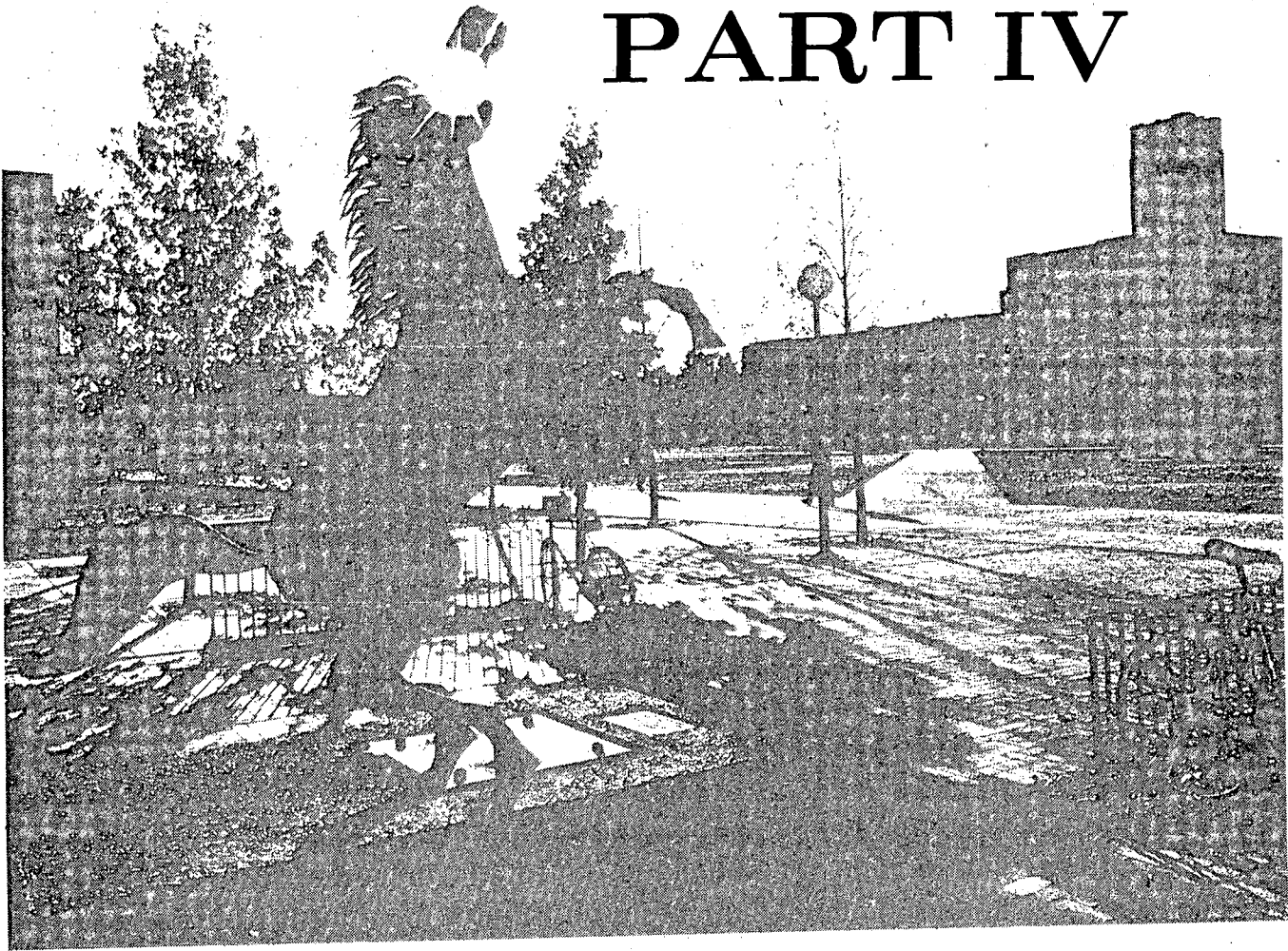
2. A completed application-contract is sent to Boise State University Office of Student Residential Life with a \$35.00 application fee and security deposit. Checks and/or money orders should be made out to Boise State University. This deposit is not to be construed as partial payment for the rent for their apartment. It is held (after assignment) as a damage deposit and is refundable when the student permanently moves out of the apartment. The total security deposit, application fee (\$70.00) is forfeited if 30 days notice is not given before tenant moving out.

Student comes in when apartment is ready, signs the lease, pays the balance of their application fee, security deposit (\$35.-00) which brings the total deposit and fee to \$70.00, and receives his confirmation to move into the apartment.





PART IV



School of Arts & Science

Dean: Joseph B. Spulnik, Ph.D.

Associate Dean: William E. Shankweiler, Ph.D.

PHILOSOPHY

The School believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is necessary to the good life of free men. The School, therefore, provides an opportunity for each student to share in the accumulated experience of men of all times and places, hoping not only to lead each student to basic knowledge of the matter traditional to the School's major divisions of study, but also to stimulate students to exercise their own powers to range beyond the known — to dream a better possible human condition and devise ways of moving toward it.

To this end we hope to encourage students to be curious and wisely skeptical, learning that inquiry and intelligent doubt are often the first steps toward creation, achievement, and a fuller understanding of their own nature and potential.

OBJECTIVES

1. To offer programs of study leading to a baccalaureate degree in the **Arts** — Advertising Design, Art, Communication, English, History, Music, Political Science, Social Science, Social Work, Sociology, Theater Arts, and in the **Sciences** — Biology, Chemistry, Earth Science, Geology, Mathematics. Degrees available in the above areas, including the **Secondary Education Options offered by all departments**, include the **Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts** (in Art, Art Education, and Advertising Design), Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition), and Master of Arts in Secondary Education with majors in various departments. (See School of Education).
2. To offer undergraduate programs in Engineering, Physics, Home Economics, Forestry, and Wildlife Management.
3. To offer elective and service courses for students majoring in other schools.

ACTIVITIES

The Cold-drill

The Department of English, in addition to offering a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student's critical and creative abilities, publishes each year a Prize-winning magazine designed to display the best efforts of both the faculty and student body of Boise State University.

Western Writers Series

The Boise State University Western Writers Series is publishing a booklet introducing students and teachers to the character of the work of western American writers. Written by scholars from various colleges and universities, each pamphlet offers a brief account of an author's life, salient features of his works (stressing their regional aspects) and a bibliography listing valuable primary and secondary sources. This series provides the first real attempt to make important regional writers known to the country at large.

Performances, Exhibitions, Workshops

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements. Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and inter-collegiate offerings of the Department of Communication including Debate, Reader's Theatre; and productions of plays from both the classical and modern repertoires in the University's unique Subal theatre and Special Events Center; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Chairman and Professor: Dr. Louis A. Peck; *Professor:* Takehara; *Associate Professors:* Huff, Killmaster, Kober, Oravez, Skov; *Assistant Professors:* Benson, Caldwell, Douglass, Ochi, Roberts, Russell, Schlafly, Watia, Wright; *Instructors:* Christian, Proctor, Tays, Taylor.

ART MAJOR

Lower Division — All Degrees
(Suggested Program)

I. General Art

	1ST SEM.	2ND SEM.
FRESHMEN YEAR:		
Basic Design	2	2
Elementary Drawing	2	2
Elementary Painting	2	2
Art History	3	3
Lettering	2	0
Lettering and Layout	0	2
English Composition	3	3
History (Area II)	3	3
Elective	—	3
	<hr/>	<hr/>
	15-17	15-17

II. Art Education

Freshman year (See General Art Freshman Year)

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Intermediate Drawing	2	0
Intermediate Painting	2	2
Foundations of Education	0	3
General Psychology	3	0
Introduction to Music or Drama	0	3
Lab Science or Mathematics (Area III Sequence)	4	4
Electives	5	4
	<hr/>	<hr/>
	16	16

III. Advertising Design

Freshman year (see General Art Freshman year)

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Intermediate Drawing	2	2
Intermediate Painting	2	2
Introduction to Music or Drama (Area I)	3	0
Social Science (Area II)	0	3
Lab Science or Mathematics (Area III)	4	4
Electives	5	5
	<hr/>	<hr/>
	16	16

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Intermediate Drawing	2	0
Intermediate Painting	2	2
Advertising Design	2	2
Introduction to Music or Drama	3	0
Social Science	0	3
Lab Science or Mathematics	4	4
Electives	3	5
	<hr/>	<hr/>
	16	16

I. General Art—Bachelor of Arts Program

1. General University and Basic Core Requirements	51	
2. a) Art Major Requirements		
Painting and/or Watercolor	6	
Drawing	6	
Art History	9	
Design	4	
Ceramics	2	
Sculpture	2	
Printmaking	2	
Crafts	2	
Senior Seminar	3	
		36
b) Major Emphasis		
A total of 14 credit hours from any Fine Arts area will constitute the major emphasis, which include: painting, watercolor, drawing, ceramics, sculpture, printmaking, crafts, photography.		
3. Electives	41	
II. Art Education—Bachelor of Arts Program		
1. General University and Basic Core Requirements	51	
2. Art Major Requirements		
Painting	6	
Watercolor	4	
Drawing	6	
Design	4	
Art History	6	
Ceramics	2	
Sculpture	2	
Printmaking	2	
Crafts	2	
Lettering	2	
Senior Seminar	3	
		39
3. Education Requirements for Qualification Toward State Certification		
Audio-Visual Aids (optional)	2	
Foundations of Education	3	
Secondary School Methods	3	
Educational Psychology	3	
Art Methods in Secondary Schools	3	
Elementary School Art Methods	3	
Secondary Student Teaching	6	
		21-23
4. Electives	17-15	128*
III. Art/Advertising Design—Bachelor of Arts Program		
1. General University and Basic Core Requirements	51	
2. Art Major Requirements		
Advertising Design	10	
Watercolor and/or Painting	8	
Drawing	6	
Advertising Illustration	4	
Design	4	
Lettering/Lettering and Layout	4	
Art History	6	
Printmaking	2	
Creative Photography	2	
Senior Seminar	3	
		49
3. Electives	28	

I. General Art—Bachelor of Fine Arts Degree

1. General University and Core Requirements	32	
2. a) Art Major Requirements		
Painting	8	
Drawing	8	
Art History	12	
Watercolor	4	
Design	4	
Printmaking	2	
Sculpture	2	
Ceramics	2	
Crafts	2	
Senior Seminar	3	
Art Electives	16	
		63
b) Major Emphasis		
A total of 20** credit hours in any art field will constitute the major requirements and a total of 14 credit hours in a second art area will constitute the minor emphasis.		
3. Electives	33	128*
(Fifteen credit hours must be outside the art field.)		
II. Art Education—Bachelor of Fine Arts		
1. General University and Core Requirements	32	
2. a) Art Major Requirements		
Painting	8	
Drawing	8	
Art History	9	
Watercolor	4	
Design	4	
Printmaking	2	
Sculpture	2	
Ceramics	2	
Crafts	2	
Lettering	2	
Senior Seminar	3	
		46
b) Major Emphasis		
A total of 14 credit hours from any Art Field will constitute the major emphasis.		
3. Education Requirements for Qualification Toward State Certification		
Audio-Visual Aids (Optional)	2	
Foundations of Education	3	
Secondary School Methods	3	
Educational Psychology	3	
Art Methods in Secondary Schools	3	
Elementary School Art Methods	3	
Secondary Student Teaching	6	
		21-23
4. Electives	29-27	128*

SCHOOL OF ARTS & SCIENCES

Art

III. Art/Advertising Design—Bachelor of Fine Arts Degree Advertising Design Emphasis

1. General University and Core Requirements	32
2. Art Major Requirements	
Advertising Design	10
Painting	8
Drawing	8
Watercolor	4
Design	4
Sculpture, Ceramics, or Crafts	6
Lettering/Lettering and Layout	4
Art History	12
Creative Photography	2
Printmaking	2
Advertising Illustration	4
Senior Seminar	3
	67
3. Professional Electives	29
	128*

* A minimum of 40 credit hours of a total 128 must be Upper Division.

** A total of 6 credits, 2 of each in drawing, painting, and design, may be applied to the 20 hour major requirement in the areas of watercolor, ceramics, sculpture, printmaking, crafts, and photography.

MASTER OF ARTS IN SECONDARY EDUCATION*

Art Emphasis

Admissions and Program

- A. The Master's Degree in Secondary Education. Art Education Emphasis, will be designed to meet the needs of the practicing junior high or high school art specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must ordinarily be currently certified as a secondary school art specialist, agree to begin the process toward attaining this certification while working on the degree, or obtain a waiver through the Dept. of Education.
- B. The following will be submitted to the Art Department Admissions Committee:
 - 1. The names and addresses of three art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.
 - 2. A minimum of twenty (20) slides or a portfolio of recent art work.
 - 3. A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study.
- C. Program areas of study are as follows:
 - 1. Required Courses

AR-501 Art Appreciation in the Educational Program	3 credits
AR-551 Special Methods: Curriculum Development in Art Education	3 credits
AR-591 Project	6 credits
AR-593 Thesis (or additional hours)	6 credits
TE-560 Secondary Education Core courses	6 credits
 - 2. Studio or Content: Six (6) credits in the studio. Studio concentration and emphasis will be determined by the student and his committee. Part of the program included in the art section could be that of a focus/emphasis.
 - Example: Option I—Painting and Drawing
 - Option II—Crafts and Sculpture
 - 3. Electives: The remainder of the student's work may be elected in relation to his background, interests, and professional objectives in consultation with his major advisor and committee.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSE OFFERINGS

AR ART

Lower Division

- 100 Basic Drawing and Painting for Non-Art Majors** (2 credits). A one semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting. Four studio hours per week. Either semester.
- 101 Survey of Western Art I** (3 credits). A historical survey of painting, sculpture, and architecture from Prehistoric art through the Middle Ages. Fall semester.
- 102 Survey of Western Art II** (3 credits). A historical survey of painting, sculpture and architecture from the Renaissance to the present. Spring semester.
- 103 Introduction to Art** (3 credits). A one-semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and related art forms. Either semester.
- 105 Basic Design** (2 credits). A two-dimensional theoretical and applied study of the structural organization underlying painting, commercial and industrial art, and interior decorating. Scientific and aesthetic investigation of color are included. Four studio hours per week. Either semester.
- 106 Basic Design** (2 credits). Theoretical and applied study of the structural organization underlying three dimensional art forms such as sculpture, architecture and ceramics. Four studio hours per week. Advisable to take AR 105 prior to AR 106 either semester.
- 107 Lettering** (2 credits). A study of lettering techniques and various alphabetical forms; emphasis upon modern styles, spacing and layout. Four studio hours per week. Either semester.
- 108 Lettering and Layout** (2 credits). A study of lettering techniques used in advertising design, for advertising design majors. Four studio hours per week. Advisable to take AR 107 prior to AR 108 either semester.
- 111 Drawing** (2 credits). Applied study of space, form, light and shadow, line, composition, and an exploration of the various drawing media. Four studio hours per week. Limited enrollment second semester. Either semester.
- 112 Drawing** (2 credits). Introduction to the human figure. Four studio hours per week. Advisable to take AR 111 prior to AR 112. Spring semester.
- 113 Painting** (2 credits). Emphasis on the techniques of oil, opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Spring semester.
- 114 Painting** (2 credits). Emphasis on the techniques of opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Spring semester.
- 115 Landscape Painting** (3 credits). Various styles and techniques in landscape painting in oil, watercolor and related media. Field trips. Six studio hours per week (semester basis). First summer session.
- 116 Landscape Painting** (3 credits). (Description same as 115 above). Second summer session.
- 131 Interior Decorating** (2 credits). Aid in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture. Two hours lecture, one-half-hour demonstration per week. Either semester.
- 203 Advertising Design** (2 credits). Special assignments in various techniques employed in advertising and commercial art; problems in layout, typography, and reproduction processes will be emphasized. Four studio hours per week. Advisable to take AR 105, AR 106, AR 107 and AR 108 prior to AR 203. Fall semester.
- 204 Advertising Design** (2 credits). Advanced work in various techniques employed in advertising and commercial art. Four studio hours per week. Advisable to take AR 203 prior to AR 204. Spring semester.
- 209 Introduction to Printmaking** (2 credits). A course designed to acquaint the student with methods of reproducing creative work in woodcut, lithography, and intaglio. Advisable to have some experience in drawing and design. Four studio hours per week. Each semester.
- 211 Drawing** (2 credits). Further study of the human figure through anatomical rendering. Four studio hours per week. Advisable to take AR-111 and AR-112 prior to AR-211. Fall semester.
- 212 Drawing** (2 credits). Drawing in various media from the human figure in relationship to creative composition. Four studio hours per week. Advisable to take AR-111 and AR-112 prior to AR-211. Spring semester.
- 215 Painting** (2 credits). Painting in oil with emphasis on various techniques and subject matter. Four studio hours per week. Advisable to take AR 113 and AR 114 prior to AR 215. Fall semester.
- 216 Painting** (2 credits). Creative work in oils and related media. Four studio hours per week. Advisable to take AR 215 prior to AR 216. Spring semester.
- 217 Painting-Watercolor** (2 credits). Major emphasis will be in the use of transparent watercolor. Work will be outdoors from nature as well as studio work. Four studio hours per week. Fall semester.
- 218 Painting-Watercolor** (2 credits). Introduction to experimental techniques in the use of opaque waterbase media. Work will be outdoors from nature as well as studio work. Four studio hours per week. Advisable to take AR 217 prior to AR 218. Spring semester.
- 221 Crafts** (2 credits). A creative exploration in design and construction problems. Various materials will be utilized with primary emphasis on jewelry design and metals. Craftsmanship, and the care and usage of tools will be stressed. Four studio hours per week. Advisable to take AR 105 & 106 prior to AR 221. Fall semester.

222 Crafts (2 credits). Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized. Four studio hours per week. Advisable to take AR 105, 106, and 221 prior to AR 222. Spring semester.

226 Ceramics (2 credits). An introduction to ceramics technique and materials. Molding, hand building, decoration, glazing, and firing will be given. Enrollment is limited. Four studio hours per week. Prerequisite: AR 105 and AR 106. Fall semester.

226 Ceramics (2 credits) Beginning the use of the potter's wheel, molding, casting and constructing. Four studio hours per week. Prerequisite AR 105 and AR 106. Spring semester.

231 Sculpture (2 credits). Work in a variety of three dimensional material, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Advisable to take AR 105 or 106 prior to AR 232. Fall semester.

232 Sculpture (2 credits). Continued work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling, and casting. Four studio hours per week. Advisable to take AR 105 or 106 prior to AR 232. Spring semester.

251 Introduction to Creative Photography (2 credits) An aesthetic approach to the basic photographic skills of camera operation, film development, and enlargement of negatives. All work is in black and white. Two hours lecture and two hours laboratory work per week. Adjustable camera required. Either semester.

Upper Division

301 Nineteenth Century Art History (3 credits). A study of important artists and movements from neoclassicism through Post-Impressionism. Fall semester.

302 History of Twentieth Century Movements in Art (3 credits). An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. *Apr.*

303 Studio in Advertising Design (3 credits) and preparation of art for reproduction, techniques and studio practices. Six studio hours per week. Advisable to take AR 203 and 204 prior to AR 303. May be repeated once for credit. Either semester

306 Studio in Visual Design (3 credits) Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. Six studio hours per week. Advisable to take AR 105 and 106 prior to AR 305. May be repeated for credit.

307 Studio in Metalsmithing (3 credits). Advanced study in materials of jewelrymaking and metalsmithing with special emphasis on forging, stonemaking, cutting, and mechanical techniques as further personal development of craftsmanship. Prerequisite: Advisable to take AR 221, 222. Six studio hours per week. May be repeated once for credit.

309 Studio in Printmaking (3 credits). Advanced printmaking in any one of the following specialized areas; each of which may be repeated once for credit: intaglio, offered fall semester; serigraphy, offered fall semester; lithography, offered spring semester; relief printing and wood cut, offered spring semester.

311 Studio in Drawing (3 credits). Advanced drawing in various media. Six studio hours per week. Advisable to take AR 111, AR 112, AR 211, AR 212 prior to AR 311. May be repeated once for credit.

315 Studio in Painting (3 credits). Creative work in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 113-114, AR 215-216 prior to AR 315. May be repeated once for credit.

317 Painting-Watercolor (3 credits). Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 217 and AR 218 prior to AR 317. Fall semester.

318 Painting-Watercolor (3 credits). Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 317 prior to AR 318. Spring semester.

321 Elementary School Art Methods (3 credits). For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Two lecture and two studio hours per week. Either semester.

325 Studio in Ceramics (3 credits). Advanced 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. Six studio hours per week. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. May be repeated once for credit.

331 Studio in Sculpture (3 credits). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Advisable to take AR 231 and AR 232 prior to AR 331. May be repeated once for credit.

341 Studio in Creative Photography (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two hour lecture, and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to 341. May be repeated for credit.

351 Secondary School Art Methods (3 credits). Art education on the junior high school and senior high school levels. Two hours lecture and two hours lab per week. Fall semester.

361 Studio in Advertising Illustration (2 credits). Advanced study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Four studio hours per week. Prerequisite: AR 203-204. May be repeated for credit.

Advisable to take.

371 History of Twentieth Century American Art (3 credits). Beginning with a short survey of American art from the Ashcan School through the Thirties, there will be a concentration on Abstract Expressionism, Pop, Op, and Minimal. Class presentations will be expected of students; critical writings will be assigned. Fall semester.

Advisable to take AR 302 first
409 Studio in Printmaking (3 credits). Concentrated work in any one of the following areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. May be repeated for credit.

411 Studio in Life Drawing (2 credits). An advanced life drawing class with emphasis on a classical anatomical study of the human figure. Four studio hours per week. Prerequisite: AR 111, 112, AR 211 and consent of instructor. May be repeated for credit.

415 Studio in Painting (3 credits). Preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 316 prior to AR 415. May be repeated for credit.

417 Studio in Painting-Watercolor (3 credits). Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 417. May be repeated for credit.

419 Studio in Metals (3 credits). Continued study in materials and methods (advanced) of jewelry-making and metalsmithing as they apply to the creative artist and teacher. Prerequisite: Advisable to take AR 221, 222, 307, 308. May be repeated for credit.

425 Studio in Ceramics (3 credits). 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. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 425. Individual instruction will be given. May be repeated for credit.

431 Studio in Sculpture (3 credits). Continued study in the material and methods of the sculptor with emphasis on welded steel and metal casting. Six studio hours per week. Advisable to take AR 331 and AR 332 prior to AR 431. May be repeated for credit.

498 Senior Seminar (3 credits). Required reading, and written and oral reports, relative to the senior art majors' area of interest within the visual arts. Each semester.
NOTE: Course descriptions for graduate courses may be found on page 68 at the end of this Part.

Graduate

AR-501 Art Appreciation in the Educational Program (3 credits). A historical and contemporary survey of modern art movements since 1900. Emphasis will be placed on understanding the motivations behind the current trends and interpretations of the ideas and symbols. Also emphasized will be communication of this understanding to the various age groups represented on the secondary school level. Prerequisite: Graduate status and permission of instructor.

AR-521 Teaching through Experimental Art Media (3 credits) (previously approved for Elementary Master's Degree). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

AR-522 Teaching Through Experimental Art Media (3 credits, summer school only). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

AR-551 Special Methods: Curriculum Development in Art Education (3 credits). Designed for the secondary school art teacher, this course will be geared to creative curriculum planning. It will be held in a workshop/seminar format to facilitate student interaction and the opportunity to experiment and develop new ideas. Prerequisite: Graduate status and consent of the instructor.

AR-580 Selected Topics (3 credits for each topic with total of 9 credits). (580 series) An opportunity for the student to work independently with a particular teacher in a specific area of study or media. Examples of areas are: Drawing, painting, crafts, sculpture, photography, ceramics, printmaking, advertising design, two and three dimensional design, illustration, and art history. The course provides a total of nine hours of study which can be divided into several areas or concentrated. The distribution of the nine hours is determined by the graduate student and committee.

AR 591 Project (6 credits). See below.

AR-593 Thesis (6 credits). The thesis, or culminating project, may be defined, but is not limited to a combination of any two of the following projects.

- A scholarly paper embodying results of original research which are used to substantiate a specific view
 - Three written reports directed toward the student's particular area of study
 - A curricular proposal in written form which could be considered for implementation in the schools
 - A one-person art show with a full faculty review
 - A submitted portfolio of work with a full faculty review
- Prerequisite: Graduate status.

AR-598 Seminar in Art (3 credits, 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 topic, utilizing visual material in his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing.

DEPARTMENT OF BIOLOGY

Chairman and Professor: Dr. Russell J. Centanni; Professors: Baker, Fritchman; Associate Professors: Belknap, Fuller, Jones, Papenfuss, Wyllie; Assistant Professors: Kelley, Long, Rychert, Wicklow.

REQUIREMENTS FOR BIOLOGY MAJOR

I. BACHELOR OF SCIENCE OPTION

1. General University and Baccalaureate Degree Requirements see pages 16-18.
2. Major Requirements:

	CREDITS
A. Biology	45
1. Advanced General Biology	10
2. Biology—any two courses	6-9
Bacteriology	5
Ecology	3 or 4
Evolution	3
Genetics	3 or 4
3. Physiology—one course	4
Plant Physiology	4
Mammalian Physiology	4
4. Invertebrate Zoology—one course	4
Entomology	4
Invertebrate Zoology	4
5. Natural History—two courses	8
Systematic Botany	4
Vertebrate Natural History	4
6. Morphology—two courses, plant and animal	7-8
Comparative Anatomy	4
Plant Anatomy	3
Plant Morphology	4
Vertebrate Histology	4
Vertebrate Embryology	4
7. Biology Seminar—1 semester	1
8. Biology electives to total 45 credits. Any of the above courses or Cytology, Mammalogy, Micro technique, Ornithology, Parasitology, Ichthyology, F.W. Algae.	15
B. Chemistry	18
1. General Chemistry <i>College</i>	10
2. Elementary Organic Chemistry	6
C. Mathematics	10
1. Mathematics 115-116	10
3. Recommended Electives	25
1. Introduction to Biophysics	
2. Earth Sciences	
3. Chemistry	
4. Area I & Electives	

II. SECONDARY EDUCATION OPTION

1. General University and Baccalaureate Degree Requirements see pages 16-18
2. Major Requirements:
 - A. Biology
3. Recommended Electives
4. Education Requirements

RELATED PROGRAMS

The following programs that have been developed by and presented through the Biology Department are now offered through the School of Health Sciences. Refer to Part VI of the catalog for full information.

- Medical Technology
- Pre-Dental Hygiene
- Pre-Dental, Pre-Medical Studies
- Environmental Health

BIOLOGY MAJOR

Bachelor of Science (Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry <i>College</i>	5	5
Mathematics	5	5
Area I or II Electives	3	3
	16	16
SOPHOMORE YEAR:		
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Area I Electives	6	3
Area II Electives	3	6
	17	17
JUNIOR YEAR:		
Biology Electives	6	6
Other Electives	6	6
Systematic Botany	—	4
Vert. Nat. History	4	—
	16	16
SENIOR YEAR:		
Biology Seminar	1	—
Biology Electives	7	7
Other Electives	7	8
	15	15

BIOLOGY MAJOR

SECONDARY EDUCATION OPTION

Bachelor of Science (Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry <i>College</i>	5	5
Mathematics	5	5
Area I or II Electives	3	3
	16	16
SOPHOMORE YEAR:		
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Foundations of Education	3	—
Area I or Area II Electives	3	3
General Psychology	3	—
Elective	—	6
	17	17

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Vertebrate Natural History	4	—
Biology Electives	4	7-8
Systematic Botany	—	4
Electives	3	—
Electives	6	6
	17	17-18

SENIOR YEAR:	1ST SEM.	2ND SEM.
Biology Electives	11-12	—
Biology Seminar	1	—
Other Electives	3	—
Educational Psychology	—	3
Secondary Teaching Methods	—	3
Audio-Visual Aids	—	2
Student Teaching	—	6
	15-16	14

FORESTRY AND WILDLIFE MANAGEMENT

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Chemistry <i>Essentials</i>	4	4-5
General Forestry	—	2
Mathematics	5	5
Speech	2	—
Physical Education Activities	1	1
	15	15-16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Principles of Economics	3	3
General Physics	4	4
Advanced General Biology	5	5
Systematic Botany	—	4
Digital Computer Programming	2	—
Plane Surveying	3	—
	17	16

COURSES

B BIOLOGY

Lower Division

100 Concepts of Biology (4 credits). An introductory course for non-majors planning to take only one semester of Biology. A survey of the plant and animal kingdoms with emphasis on topics such as evolution, genetics, and ecology and their application to such current problems as pollution, over population and eugenics. May not be used to form a sequence with either B-101 or B-102. Students who have received credit for B 101 or B 203 may not receive credit for B 100. Three lectures and one 2-hour laboratory period per week. Each semester.

101-102 General Biology (4 credits). A general one year introduction into the study of plant and animal life, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the above principles is placed on their relationship to man. This course is recommended for those students desiring a two semester course in biological sciences. Three lectures and one 2-hour laboratory period per week. Each semester.

200 Man and His Environment (3 credits). A course designed to reveal the impact of man on his environment with emphasis on the biological, economic, and social factors involved with the aim of preparing the students to be sensitive to the significant issues and factors involved in environmental decision making. Three lecture-discussion periods per week. Each semester.

203-204 Advanced General Biology (5 credits). A general introduction to plant and animal life designed for biology majors and pre-professional students in medicine, dentistry, medical technology, forestry and others. Modern concepts of the chemical properties and physiological activities of organisms are emphasized. Plants are considered in the Fall semester; animals in the Spring. Three lectures and two, three-hour laboratories per week. Prerequisite: General Chemistry, C-111-112; Introduction to Chemistry, C-101-102. A concurrent course in Organic Chemistry is recommended. Each semester.

205 Microbiology (4 credits). A survey of microbiology with emphasis on microbial diversity, structure, and metabolism; principles of microbial control, host-parasite relationships, and immunology; and a survey of medically important microorganisms. The course is designed for associate degree students within the School of Health Sciences. Biology majors may not substitute this course for General Bacteriology, nor can a Biology major receive more than 5 credits total for the two courses. Three lectures and two one-hour laboratory periods per week. Each semester.

Upper Division

303 General Bacteriology (5 credits). A general survey of the field of bacteriology, designed for students in the general science courses and as a foundation for advanced work in the subject. Three lectures and two 3-hour laboratory periods a week. Prerequisite: Advanced General Biology and Elementary Organic Chemistry. Fall semester.

310 Pathogenic Bacteriology (4 credits). A course emphasizing host-parasite relationships, immunology, and those characteristics of medically important bacteria, rickettsia, and chlamydia that contribute to their pathogenicity. Laboratory studies are directed towards the identification and biochemical characterization of clinically important bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Spring semester.

343 Genetics — Lecture (3 credits). A study of the principles of genetics as they relate to living organisms. Prerequisite: one year of General Biology, or one year of Advanced General Biology or equivalent. Spring semester.

344 Genetics Laboratory (1 credit). A practical course in the techniques of growing and analyzing genetical material. The laboratory work will include exercises in culturing of *Drosophila*, and other animal and plant materials. Results of experimental work will be analyzed and reports submitted. Prerequisite: concurrent or prior enrollment in Genetics Lecture. Spring semester.

365 Cytology (4 credits). This course is a study of prokaryotic and eukaryotic cells, their specializations, and the structure, function, and variations in their cellular organelles; the mechanism of mitosis, meiosis; chromosomal aberrations; the interactions of nucleus and cytoplasm; and cytological methods. Three 1-hour lectures and one 3-hour lab. Prerequisite: Advanced General Biology. Alternates with Microtechniques, Z-361, and is offered on odd-numbered years. Fall semester.

401 Organic Evolution (3 credits). History of the development of the theory of evolution. A detailed treatment of the genetic evidence supporting the theory as derived from both plant and animal examples. A discussion of the evidence for vertebrate evolution including that for man. Prerequisite: one year of college biology or equivalent. Genetics recommended. Alternates with Parasitology. Spring semester, odd numbered years.

410 Food Microbiology (2 credits). A lecture course designed for environmental health and home economics majors to introduce those microorganisms associated with foods; food processing and preservation; food spoilage; and food-borne infection and intoxication. Two lectures per week. Prerequisite: Microbiology or General Bacteriology. Fall semester.

411 Food Microbiology Laboratory (2 credits). A laboratory course taken by environmental health majors in conjunction with B-410. The course is designed to introduce those techniques necessary for the enumeration and identification of microorganisms associated with foods and food-borne illnesses. Two three-hour laboratory periods per week. Concurrent enrollment in Food Microbiology. Fall semester.

412 General Parasitology (3 credits). A general study of parasitism including the parasites of man. Lectures devoted to a phylogenetic survey of the parasitic animal groups. Laboratory provides experience in examination of host animals, detection and identification of major locally occurring parasitic groups. Two lectures and one three-hour laboratory per week. Offered alternate years with Organic Evolution. Prerequisite: Advanced General Biology or consent of instructor. Spring semester, even numbered years.

423 Bioecology (3 credits). A survey of the physical factors of the environment and the biological interrelationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisite: One year of college biology, Advanced General Biology or consent of instructor. Fall semester.

424 Bioecology Laboratory (1 credit). Field Investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, etc. Weekend field trips will be taken. Prerequisite: concurrent or prior enrollment in Bioecology. Fall semester.

498, 499 Biology Seminar (1 credit). A review of pertinent literature on selected topics. Restricted to senior biology majors. Each semester.

BT BOTANY

Lower Division

201 Systematic Botany (4 credits). A laboratory, field and lecture course. The various systems of classification are discussed; terminologies employed in taxonomic literature must be mastered. Keys and manuals are employed in identifying collected specimens of local flora. Two lectures and two 2-hour laboratory periods per week or equivalent field trips. Prerequisite: First Semester Advanced General Biology or consent of instructor. Spring semester.

Upper Division

302 Plant Anatomy (3 credits). This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. This study will be limited to the higher plants with emphasis on the Angiosperms. Two lectures and two 2-hour labs. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

311 Plant Morphology (4 credits). The student will become familiar with the development, physiology, anatomy, reproductive cycle and economic importances of the various plant taxa. Phylogeny and paleobotany will be introduced. Three one-hour lectures, two two-hour labs per week. Prerequisites: Advanced General Biology, Organic Chemistry recommended. Fall semester.

322 Freshwater Algae (4 credits). A study of the several divisions of freshwater algae, with emphasis on collection, identification and pollution problems related to algae growths. The study would also include discussion of life cycles emphasizing how this knowledge might be used to eradicate noxious types and utilize beneficial types to recycle waste water. The course will consist of 2 lectures and 2 three-hour laboratory periods per week. Frequent local field trips will be taken during these laboratory periods. Prerequisite: Advanced General Biology. BT-311, Plant Morphology, recommended. Spring semester.

SCHOOL OF ARTS & SCIENCES

Chemistry

401 Plant Physiology (4 credits). Plant physiology will emphasize the physical and chemical processes of plant body functions. It includes a study of cells, tissues and organ functions, the mineral requirements of the plant, its metabolism, water uptake, photosynthesis, compounds synthesized by plants and a brief discussion of soil chemistry. Three lectures, one three-hour lab per week. Prerequisite: Advance General Biology and Elementary Organic Chemistry. General Physics and Plant Anatomy are recommended. Fall semester.

FS FORESTRY

Lower Division

101 General Forestry (2 credits). A general survey of the entire field of forestry, the history and social importance of forestry, timber management and propagation of the important trees of the U.S. Two lectures per week. Spring semester.

Z ZOOLOGY

Lower Division

107 Human Physiology and Anatomy (5 credits). For students in Home Economics, Health Sciences and Physical Education. Designed to give a general knowledge of the basic physiological functions and of the anatomical structure of the human body. Three lectures and two two-hour laboratory periods per week. Not open for credit to students who have completed Advanced General Biology. Each semester.

Upper Division

301 Comparative Anatomy (4 credits). Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Advanced General Biology or consent of instructor. Fall semester.

305 Entomology (4 credits). A study of the biology of insects with emphasis on their ecology, classification, morphology, physiology, and control. The course includes exercises in collecting and identification of local species. Two lectures and two 3-hour laboratory periods per week. Prerequisite: Advanced General Biology or consent of instructor. Students are required to meet with the instructor sometime during the academic year which precedes their enrollment in this course in order that they may commence their collecting of specimens during the more productive summer months. Fall semester.

307 Invertebrate Zoology (4 credits). Morphology, phylogeny and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Two lectures and two three-hour laboratories per week. Prerequisite: Advanced General Biology or consent of the instructor. Spring semester.

341 Ornithology (3 credits). A lecture, laboratory and field course dealing with the classification, structure, identification, distribution and behavior of birds. Two lectures and one three-hour laboratory period each week. Prerequisite: Natural History of the Vertebrates or consent of the instructor. Alternates with Mammalogy and is thus offered on even numbered years. Spring semester.

351 Vertebrate Embryology (4 credits). An analysis of the development of vertebrates with special emphasis on the experimental approach to morpho-genesis in lecture and classical descriptive embryology in the laboratory. Two lectures and two three-hour laboratories per week. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

355 Natural History of the Vertebrates (4 credits). A lecture, laboratory and field course dealing with the identification, morphology, life cycle and habitat of fish, amphibians, reptiles, birds and mammals. Special emphasis is placed on local forms. Two lectures and two three-hour laboratory periods per week, plus two weekend field trips. Prerequisite: One year of college biology, or equivalent. Fall semester.

361 Microtechnique (3 credits). A study of the theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochemical techniques. One hour lecture and two 3-hour laboratory periods. Prerequisite: Advanced General Biology or consent of instructor. Alternates with Cytology, B-365, and is offered on even numbered years. Fall semester.

400 Vertebrate Histology (4 credits). A course dealing with the microscopic anatomy of cells, tissues, and organ systems of vertebrates with major emphasis on mammalian systems. Two one-hour lectures and two 3-hour laboratories. Prerequisite: Advanced General Biology and either Comparative Anatomy or Vertebrate Embryology are recommended. Fall semester.

401 Mammalian Physiology (4 credits). Lectures and laboratory exercises in animal physiology dealing with the basic physiological functions of cells, tissues, and organ systems of vertebrate animals with emphasis on humans. Prerequisite: Advanced General Biology and Elementary Organic Chemistry. Three lectures and one 3-hour laboratory period per week. Spring semester.

409 General and Comparative Physiology (4 credits). A lecture and laboratory course in animal physiology. General physiological principles, using specific invertebrate and vertebrate groups as examples and physiological adaptations necessary to meet specific environmental challenges are discussed. Laboratory experiments utilizing a number of animal species are conducted. Three hours lecture and one three-hour lab per week. Prerequisites: Advanced General Biology and Organic Chemistry. Spring semester.

411 Ichthyology (4 credits). The taxonomic, morphological, physiological, ecological and economic aspects of the fishes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Natural History of the Vertebrates. Fall semester.

421 Mammalogy (3 credits). A lecture, laboratory and field course dealing with the classification, identification, structure, distribution, and life habits of mammals. Two lectures and one three-hour laboratory period per week. Prerequisite: Natural History of the Vertebrates or consent of instructor. Alternates with Ornithology and is offered on odd numbered years. Spring semester.

DEPARTMENT OF CHEMISTRY

Chairman and Professor: Mr. Jack L. Dalton; Professors: Hibbs, Peterson, Spulnik, Stark; Associate Professors: Banks, Carter, Ellis; Assistant Professor: Mercer.

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

1. General University and Baccalaureate Degree Requirements. See pages 16-18.
2. Major requirements:

	CREDITS
A. Chemistry	10 9
General Chemistry College	10 9
Organic Chemistry	10
Physical Chemistry	8
Analytical Chemistry	5
Advanced Inorganic Chemistry	4
Instrumental Analysis	4
Chemistry Seminar	2
Independent Study	2
B. Mathematics	10-18
Completion of Mathematics through Calculus M-206.	
C. Physics	11
3. Recommended Electives	
Foreign Language	
Upper Division Mathematics	
Upper Division Physics	
Life Science Courses	

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry College	5 4	5
Mathematics	5	4-5
Degree Requirements	3	—
Physics I	—	3
	<hr/> 16 5	<hr/> 15-16
SOPHOMORE YEAR:		
Analytical Chemistry Quant Anal	5	—
Mathematics	4	4
Physics II and III	3	3
Physics Lab I and II	1	1
Degree Requirements	3	9
	<hr/> 16	<hr/> 17
JUNIOR YEAR:		
Physical Chemistry	4	4
Organic Chemistry	5	5
Degree Requirements or Electives	6	6
	<hr/> 15	<hr/> 15
SENIOR YEAR:		
Chemistry Seminar	1	1
Advanced Inorganic	2	2
Instrumental Analysis	—	4
Independent Study	1	1
Degree Requirements or Electives	12	9
	<hr/> 16	<hr/> 17

II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements. See pages 16-18.

2. Major Requirements:

	CREDITS
A. Chemistry	29 38
General Chemistry <i>College</i>	10 9
Organic Chemistry	10
Physical Chemistry	8
Analytical Chemistry	5
Advanced Inorganic Chemistry	4
Chemistry Seminar	2
B. Mathematics	10-18
Completion of Mathematics through Calculus M-206.	
C. Physics	11
3. Education Requirements	20
Foundations of Education	
Educational Psychology	
Secondary School Methods	
Secondary Student Teaching	
Education Electives	

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry <i>College</i>	5 4	5
Mathematics	5	4-5
Degree Requirements	3	—
Physics I	—	3
	<u>16/5</u>	<u>15-16</u>
SOPHOMORE YEAR:		
Analytical Chemistry <i>Quant Anal</i>	5	—
Mathematics	4	4
Physics II and III	3	3
Physics Lab I and II	1	1
General Psychology	3	—
Degree Requirements	—	6
Foundations of Education	—	3
	<u>16</u>	<u>17</u>
JUNIOR YEAR:		
Physical Chemistry	4	4
Organic Chemistry	5	5
Educational Psychology	3	—
Degree Requirements or Electives	3	6
	<u>15</u>	<u>15</u>
SENIOR YEAR:		
Advanced Inorganic Chemistry	2	2
Chemistry Seminar	1	1
Secondary School Methods	—	3
Secondary Student Teaching	—	6
Degree Requirements or Electives	15	—
Audio Visual Aids	—	2
	<u>18</u>	<u>14</u>

**MASTER OF SCIENCE IN EDUCATION*
CHEMISTRY EMPHASIS**

Admissions and Program

- A. The degree program is intended to provide the high school chemistry teacher with academic courses that will enable him to perform more effectively in the chemistry classroom. Present secondary chemistry teachers have a varied background, so the program provides considerable flexibility for the individual.
- B. Requirements for admission are the same as those for admission to Graduate School.

Course Offerings

A. Required courses

- TE-560 Secondary Education Core - 6 credits
- Thesis, project, or additional hours - 3-6 credits
- Graduate chemistry courses - 12 credits

B. Elective courses

Additional courses as planned by the student and his graduate committee. GO-571 Geochemistry is to be included as an elective in the chemistry emphasis.

Additional Information

- A. Students may use six (6) credits of 400G level courses to partially fulfill the degree requirements providing the graduate committee so approves.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSES

C CHEMISTRY

Lower Division

100 Concepts of Chemistry (4 credits). A descriptive non-mathematical course designed to acquaint students with the science of chemistry and chemistry's relationships to other fields of study and to modern life. This course cannot serve as a prerequisite to any other Chemistry course, nor will it serve a part of a Chemistry sequence. Students who have received credit for C-102 or C-112 may not receive credit for C-100. Three lectures and one 3-hour laboratory per week. Each semester.

***101-102 Introduction to Chemistry** (4 credits). This course is designed for those students whose curriculum does not require an intensive study of chemistry. The course deals with fundamental principals of chemistry. First semester — atomic and molecular structure, states of matter, general reactions, and solutions. Second semester — ionization, equilibrium, redox, electrochemistry and an introduction to Organic Chemistry. The second semester also includes introductory, semi-micro qualitative analysis. Three lectures and one 3-hour laboratory periods per week. Each semester.

***111-112 General Chemistry** (5 credits). A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. This course is designed for those students whose curriculum requires a considerable knowledge of chemistry. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions. Prerequisite: high school chemistry. Each semester.

***207-208 Elementary Organic Chemistry** (3 credits). An introductory course covering the fundamental principles and applications of organic chemistry. Designed for those students who do not require an intensive study of chemistry. Two lectures and one 3-hour laboratory per week. Prerequisite: Chemistry C-102 or C-112. Each semester.

211 Quantitative Analysis (3 credits). Study of the equilibrium relationships and methods used in gravimetric, volumetric, and some instrumental analyses. Prerequisite C-112. Fall semester.

212 Quantitative Laboratory Techniques (2 credits). Practical applications of quantitative analytical techniques through the analysis of unknown samples using gravimetric, volumetric, and some instrumental methods. Prerequisite: Chemistry 211 or concurrent enrollment. Fall semester.

Upper Division

***317-318 Organic Chemistry Lecture** (3 credits). A comprehensive study of organic compounds with emphasis on reaction mechanisms and synthesis. Designed to fulfill the requirements of Chemistry majors, Chemical engineers, and professional and preprofessional students. Three lectures per week. Prerequisite: General Chemistry C-112. Each semester.

319-320 Organic Chemistry Laboratory (2 credits). The first semester will cover the basic lab techniques used in Organic Chemistry and organic preparations. The second semester will deal with the interpretation of spectra and qualitative analysis. Two three-hour labs per week. Prerequisite: Chemistry 317-318 or concurrent enrollment. Each semester.

321-322 Physical Chemistry Lecture (3 credits). The fall semester will cover gases, point symmetry, absorption, molecular structure and quantum theory (briefly) and the first, second and third laws of thermodynamics. The spring semester continues with thermodynamics, reaction kinetics, phase equilibria electrochemistry and adsorption. Three lectures a week. Prerequisites: General Chemistry C-112, General Physics PH-102 or Physics 221 and Calculus and Analytic Geometry M-206 or equivalent. A year sequence (fall and spring).

323-324 Physical Chemistry Lab (1 credit). Laboratory experiments paralleling the material covered by the lectures. Prerequisite: C-321, 322 or concurrent enrollment. A year's sequence (fall and spring).

SCHOOL OF ARTS & SCIENCES
Communication

341, 342 Glassblowing (1 credit). Chemistry 341 is designed to acquaint the student with the basic techniques of scientific glassblowing. Practice in end to end joints, T-seals, ring seals, flaring, rounded ends and bulbs. Chemistry 342 is designed to give the student practice in the above techniques by the construction of more complicated apparatus such as distillation equipment. One three-hour lab per week. Prerequisite: Junior standing. Each semester.

401-402G Advanced Inorganic Chemistry (2 credits). The first semester will cover atomic and molecular structure periodic properties, acid-based properties and the chemistry of the elements. The second semester includes chemical bonding, complex ions, coordination compounds, nonaqueous solutions and nuclear reactions. Two lectures per week. Prerequisite: two years of college chemistry. Each semester.

411G Instrumental Analysis (4 credits). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Two lectures and two three-hour labs per week. Prerequisite: Analytical Chemistry C-211. Spring semester. *Quantitative Analysis*

431G Introduction to Biochemistry (3 credits). A study of the chemistry of biologically important compounds, and an introduction to metabolism. Three lectures per week. Prerequisite: C-208 or C-318. Fall semester.

432G Biochemistry Laboratory (1 credit). Identification, isolation, and reaction of biologically important compounds. One three-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Fall semester.

433G Biochemistry (3 credits). The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellular control mechanisms of these processes are integrated into the material studies. Prerequisite: C-431. Spring semester.

498, 499 Chemistry Seminar (1 credit). Group discussions of individual reports on selected topics in the various fields of Chemistry. Prerequisite: Chemistry Major and Senior standing. Each semester.

Graduate

501 History of Chemistry (3 credits). 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. Prerequisite: Two years of college chemistry and one year of history or instructor's permission.

503 Spectroscopy (3 credits). This course is designed to teach the concepts and practical usage of ultraviolet spectroscopy, infrared spectroscopy, and nuclear magnetic resonance spectroscopy. Emphasis will be on the use of instruments and the interpretation of spectra. Prior knowledge of spectroscopy will not be necessary for this course. Prerequisite: Eight hours of general chemistry required and six hours organic chemistry or instructor's permission. Fall semester.

509 Chemistry of Life Processes (3 credits). 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. Prerequisite: One year of general chemistry and organic chemistry. Fall semester.

511 Advanced Analytical Chemistry (3 credits). 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. Prerequisite: Analytical Chemistry or consent of instructor. One lecture and two labs per week. Fall semester.

515 Nuclear and Radiochemistry (3 credits) Atomic and nuclear structure, radioactivity, nuclear reactions, radioactive decay laws, interaction of radiation with matter, detection of radiation, applications. Prerequisite: One year of general chemistry. Spring semester.

*Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. Credits for C-101, 102 will not be allowed if credit is given in C-111, 112. Credits for C-207, 208 will not be allowed if credit is given in C-317, 318.

*A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.

DEPARTMENT OF COMMUNICATION

Chairman and Professor: Dr. Robert R. Boren; Associate Professors: Boylan, Burk, Pitman, Warwick; Assistant Professors: Barry, Gephart, Rayborn; Instructors: Craner, Demoux, Riley.

REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general university requirements for Bachelor of Arts degree as listed on pages 16-18.

2. Requirements for Communication major: all majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:

	Credits
CM 111 - Fundamentals of Speech Communication . . .	3
CM 201 - Methods of Inquiry	3
CM 221 - Communication Process	3
CM 421 - Theories of Communication	3
CM 498 - Communication Seminar	2
Courses for Area of Emphasis	26-29
Total	40-43

COMMUNICATION MAJOR

Bachelor of Arts Program
(Suggested Programs)

INTERPERSONAL COMMUNICATION EMPHASIS

	Credits
1. General College Requirements	
2. Departmental Core Requirements	14
3. Suggested Courses, as follows:	
A. CM-131 Listening	
CM-251 Communication in the Small Group	
CM-307 Interviewing	
CM-431 Small Group Process	8-9
B. CM-171 Mass Communication: Concepts and Perspectives	
CM-341 NonVerbal Communication	
CM-351 Intercultural Communication	
CM-361 Organizational Communication	
CM-412 Persuasion	
CM-478 Public Relations	8-9
C. CM-321 Rhetorical Theories	
CM-331 Message Analysis and Criticism	
CM-332 Contemporary Public Communication . . .	3
D. CM-112 Reasoned Discourse	
CM-113 Competitive Speaking	
CM-121 Voice and Diction	
CM-231 Message Composition and Presentation	
CM-241 Oral Interpretation	
CM-271 Journalistic Communication: Theory and Practice	
CM-273 Reporting and News Writing	
CM-312 Applied Speech Communication	
CM-451 Communication Practicum	
CM-471 Radio-TV Newswriting	6-7
Total	40-43

MASS COMMUNICATION EMPHASIS:

1. General College Requirements	
2. Departmental Core Requirements	14
3. Suggested Courses, as follows:	
A. CM-171-172 Mass Communication: Concepts and Perspectives	6
CM-271-272 Journalistic Communication Theory and Practice	6
Departmental Electives	14
Total	40

SECONDARY EDUCATION EMPHASIS:

1. General College Requirements
2. Departmental Core Requirements 14
3. Education requirements. (See Section VI Secondary Education)

4. Suggested Courses, as follows:

A.	CM-241 Oral Interpretation	3
	CM-401 Methods of Teaching Communication	3
B.	CM-112 Reasoned Discourse	
	CM-113 Competitive Speech	
	CM-121 Voice and Diction	
	CM-131 Listening	
	CM-231 Message Composition and Delivery	
	CM-312 Applied Speech Communication	
	CM-451 Communication Practicum	9
C.	CM-251 Communication in the Small Group	
	CM-307 Interviewing	
	CM-431 Small Group Process	2 or 3
D.	CM-321 Rhetorical Theories	
	CM-331 Message Analysis and Criticism	
	CM-332 Contemporary Public Communication	3
E.	CM-171 Mass Communication: Concepts and Perspectives	
	CM-271 Journalistic Communication: Theory and Practice	
	CM-341 NonVerbal Communication	
	CM-351 Intercultural Communication	
	CM-412 Persuasion	6
	Total	40-41

NOTE: A student with a single teaching field must complete at least 45 credits.

JOURNALISTIC COMMUNICATION EMPHASIS

1. General College Requirements
2. Departmental Core Requirements 14 hours
3. Other Required Courses: 21 hours
 - CM 277 - Photo Communication 3
 - CM 273 - Reporting & Newswriting 3
 - CM 378 - History of Mass Communication 3
 - CM 379 - Communication Graphics 3
 - CM 461 - Ethics, Law and Communication 3
 - CM 493 - Internship - 6
4. Suggested Courses, chosen from the following . 15 hours
 - CM 171, 172 Mass Communication: Concepts and Perspectives
 - CM 271, 272 Journalistic Communication: Theory and Practice
 - CM 274 Reporting and News Writing
 - CM 307 Interviewing
 - CM 371 Copyreading and Editing
 - CM 372 Journalistic Communication Practicum
 - CM 471 Radio-TV News Writing
 - CM 472 Editorial and Feature Writing
 - CM 478 Public Relations

Special area emphasis may be selected from the following programs; this must include a minimum of 9 credit hours in one area:

- History
- Economics
- English
- Political Science
- Psychology
- Social Science
- Performing and Spatial Arts

OR any other program listed on page 20 of B.S.U. Catalogue (under Baccalaureate Degree Programs)

The selection of special area emphasis should reflect the career plans of the student, and should be made in consultation with his advisor.

**COMBINED MAJOR:
COMMUNICATION—ENGLISH**

A. With Journalism emphasis: Department requirements

COMMUNICATION

Fundamentals of Speech Communication, CM 111	3
Methods of Inquiry, CM 201	3
Journalistic Communication: Theory & Practice, CM 271 or 272	3
Communication Process, CM 221	3
Rhetorical Theories, CM 321	3
Theories of Communication, CM 421	3
Communication electives (UD)	9
	27 hrs.

ENGLISH

Literature Survey ¹	6
Composition above the basic sequence ²	6
Introduction to Language Study, LI 305	3
Literature electives* (UD)	12
	27 hrs.

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

* 3 hrs. in courses before 1800

B. With Communication emphasis. Departmental requirements

COMMUNICATION

Fundamentals of Speech Communication, CM 111	3
Methods of Inquiry, CM 201	3
Communication Process, CM 221	3
Communication, CM 351	3
Organizational Communication, CM 361	3
Theories of Communication, CM 421	3
	18 hrs.
Electives (UD)	9
	27

ENGLISH

Literature Survey ¹	6
Humanities HU 207 or 208	3
Advanced Writing & Linguistics ³	9
	18 hrs.
Electives (UD)	9
	27

N.B. ELECTIVES:

1. If student does not elect another Humanities course (either HU 207 or HU 208), then he should take 9 additional upper division courses in each department.
2. If student elects the extra 3 hours in Humanities (either HU 207 or HU 208), then he would take 6 extra upper division hours in Communication or English and 9 upper division hours in the other department.

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

¹ British or American. Student should consider upper-division courses he will want to take.

² To be chosen from Advanced Expository Composition (E-201), the Creative Writing sequence or technical writing.

³ To be chosen from E-201, Technical Writing, LI 305, LI 307, LI 309.

COURSES

CM COMMUNICATION

Lower Division

102 Professional Speech Communication (2 credits). A course designed especially for two-year preprofessional curricula. Theory and principles involved in oral communication situations in the professional world: interviews, conferences, group process, and public speaking. Each semester.

111 Fundamentals of Speech-Communication (3 credits). Fundamental principles of public speaking; audience analysis; interest and attention factors; listening; selection and organization of speech material; delivery. Practice in preparation and delivery of extemporaneous speeches. Students may not earn credits in this course and in Professional Speech Communication CM-102. Each semester.

SCHOOL OF ARTS & SCIENCES

Communication

112 Reasoned Discourse (3 credits). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.

113 Competitive Speaking (3 credits). A concentrated study of and practice in intercollegiate contest speaking; for example: expository, persuasive, oratorical, interpretive and extemporaneous speaking. Either semester.

114 Intercollegiate Debate (1 credit). Preparation for and participation in competitive debate using the current intercollegiate debate topics. Prerequisite: CM-112 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.

121 Voice and Diction (3 credits). Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. Phonetics used as a base for acquiring skill in articulation of standard American speech. An investigation of the student's individual speech problems. Either semester.

131 Listening (3 credits). Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening. Each semester.

171, 172 Mass Communication: Concepts and Perspectives (3 credits). A survey of communication theory as related to current practice of the mass media. Emphasis is placed on the examination of the consumer of mass communication. Not to be taken concurrently with CM 271-272. CM 171-Fall Semester. CM 172-Spring semester.

201 Methods of Inquiry (3 credits). Introduction to the Philosophy of Science as applied to the study of communication. Emphasis on various techniques of research and the requirements for the conduct, reporting, and criticism of research.

221 Communication Process (3 credits). An examination of the nature of human communication. Focuses through experiential learning, on awareness of self, communicative relationships and context.

231 Message Composition and Presentation (3 credits). Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.

241 Oral Interpretation (3 credits). Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning of a selection and project that meaning to his listeners. A portion of the time is spent in voice development. Either semester.

251 Communication in the Small Group (3 credits). A study of human interaction in small groups. Emphasis on actual experience in working in small groups. Includes concepts in planning, preparing, and participating in group discussion and decision making.

271, 272 Journalistic Communication: Theory and Practice (3 credits). An experiential based study of journalistic theory and practice. Emphasis is placed on the production of mass media content, through closed circuit radio and television productions and laboratory publications. Not to be taken concurrently with Communication 171-172. CM 271- Fall semester. CM 272- Spring semester.

273-274 Reporting and News Writing (3 credits). Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis will be placed on accuracy, conciseness and clarity in writing. Includes study of elements of newspaper styles — usage, grammar, punctuation, capitalization — and the use of copyreading symbols. Prerequisite: CM 171 or 172 consent of instructor, and ability to use typewriter. Each semester.

275 Supervision of School Publications (2 credits). For prospective teachers who plan to be advisers of school newspapers and yearbooks, a study of fundamentals in writing, layout and management of scholastic publications. Spring semester.

276 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium: from critical and historical points of view. Course includes a study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content.

277 Photo Communication (3 credits). A study of photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. Two hours lecture and two hours laboratory per week. Prerequisite: AR-251. Fall semester.

Upper Division

307 Interviewing (2 credits). An examination of the theory upon which communication behavior in dyadic situations is based. Practical experience in various types of interviews as confronted in business, in education, and in the professions. Spring semester.

311 Speech-Communication for Teachers (3 credits). A course to improve prospective teachers' command of the communication processes used in effective teaching; emphasis on situations that confront teachers, assistance in self-improvement through the mastery of communication methods. Each semester.

312 Applied Speech Communication (3 credits). An application of basic principles of speech communication to real life situations involving current community problems and issues. Prerequisite: CM 111 or 102 or consent of instructor. Spring semester.

314 Intercollegiate Debate (1 credit). Preparation for and participation in competitive debate using the current intercollegiate debate topics. Prerequisite: CM-114 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.

321 Rhetorical Theories (3 credits). An examination of theories concerning the complexity of interaction among ideas, messages, and men, including analysis of various message strategies.

331 Message Analysis and Criticism (3 credits). An evaluation of methods of analyzing and criticizing oral messages and their application to making critical appraisals of public address.

332 Contemporary Public Communication (3 credits). The nature, function, and influence of public communication in contemporary society. An examination of major events and issues in an attempt to identify particular characteristics of public dialog which reflect, reinforce, and alter public opinion.

341 Non-Verbal Communication (2 credits). An examination of the function of non-verbal language codes in Communication. An analysis of space, time, color, form, and vocal language codes inherent in all areas of human communicative interaction. Emphasis on individual projects demonstrating non-verbal communication. Fall semester.

351 Intercultural Communication (3 credits) An analysis of societal and cultural influences on interpersonal communication. A critical examination of communication within and among subcultures as well as across cultural boundaries. Spring semester.

361 Organizational Communication (3 credits). 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. Fall semester.

371 Copyreading and Editing (3 credits). Techniques of reading newspaper copy; the use of proper copyreading symbols; laboratory work in editing and rewriting copy for publication. Prerequisite: CM 273 or 274. Fall semester.

372 Journalistic Communication Practicum (1-4 credits). Designed for students who seek professional experience and professional careers. The course offers students training with professionals in the community. Prerequisite: Consent of the instructor. May be repeated for a total of 4 hours. Each semester.

375 Student Publications Techniques (2 credits). A survey of techniques of writing, editing, layout, and design. Students without formal training or experience in Journalism will develop skills in newspaper production both by classwork and by work on the student newspaper. Students will meet in regular class and lab session under the supervision of the instructor. Each semester.

376 Yearbook Techniques (1 credit). Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Les Bois staff and for students preparing to be publications advisors. Not intended for production of yearbook. Spring semester.

378 History of Mass Communication (3 credits). Traces the development of the concepts, technologies and practices of mass communication. Primary focus on the emergence of the mass media as a disseminator of news, opinion, entertainment and advertising. Prerequisite: Upper division standing. Fall semester.

379 Communication Graphics (3 credits). Theory and practice of graphic design and production of mass media products. An exploration of the communication effects of typefaces, paper, design, layout, printed and electronic images. Prerequisite: AR-108. Spring semester.

401 Methods of Teaching Communication (3 credits). Analysis and planning of curriculum for speech communication. A study of instructional materials, classroom techniques and methods, development of behavioral objectives, and management of co-curricular programs. Intended primarily for the individual preparing to teach speech communication or direct forensic activities in the secondary school.

412 Persuasion (3 credits). Emphasis on theories of persuasion. Examination of variables and message strategies relevant to the persuasive process. Practical application of theory in the analysis and construction of persuasive messages.

421 Theories of Communication (3 credits). A critical evaluation of theories in the field of Communication. An examination of the interrelationships of definitions, models and theory. Analysis of related theories of communication: e.g., Anthropological, mass media, social-psychological. Fall semester.

431 Small Group Process (3 credits). An advanced study of specific variables and theories affecting the communicative interaction of small groups. Focus upon small group behavior in terms of variables that affect group process: structure, interaction, transaction, roles, norms, and cohesiveness. Fall semester.

451 Communication Practicum (1-4 credits). Directed study emphasizing the practical application of skills and theory relevant to human communication. An opportunity to focus on areas of special interest to the student. Prerequisite: Senior standing. May be repeated for a total of 4 credits.

461 Ethics, Law and Communication (3 credits). An in-depth study of the laws and ethics related to communication. Prerequisite: Upper division standing. Spring semester.

471 Radio-News Writing (2 credits). Practice writing of radio-tv news, including timing and arrangement of material, adding script to film, techniques for condensing stories, deciding the importance of story material. Preparation of "headlines," five and ten minute broadcasts. Prerequisite: Reporting and News Writing CM 273-274. Fall semester.

472 Editorial and Feature Writing (3 credits). A study of methods of gathering material, constructing, and writing editorials, feature articles or programs and scripts for mass media. Fall semester.

478 Public Relations (3 credits). Analysis of public relations media and methods. Public relations as a management tool. Identifying and reaching the various publics. Practice in writing publicity releases. Spring semester.

498 Communication Seminar (2 credits). A study of speech communication problems together with presentation of paper(s) based on research into problems. Prerequisite: Senior standing. Each semester.

DEPARTMENT OF ENGLISH

Chairman and Professor: Dr. Charles G. Davis; *Professors:* Chatterton, Wright; *Associate Professors:* Boyer, Peek, Wallace, E. Willis; *Assistant Professors:* Ackley, Burmaster, Chambers*, Cocotis, Evett, Hadden, Hansen, King, Leahy, Maguire, McGuire, Mullaney, Nickerson, Sahni, Sanderson, Selander, Townsend, Trusky, Wamer, Wilbanks.

* 1976-77 on leave

REQUIREMENTS OF ENGLISH MAJORS

Bachelor of Arts Degree

- I. Completion of general university requirements for Bachelor of Arts. See Pages 16-18.
 - II. Completion of Departmental Core
 1. Specific Courses
 - a. Survey of British Literature (E-240 and E-260) . . . 6*
 - b. Shakespeare (E-345 or E-346) . . . 3
 - c. Introduction to Language Studies (LI-305) . . . 3
 - d. History of Literary Criticism (E-393) . . . 3
 - e. zsenior Seminar (E-498) . . . 2
 2. Area Requirements
 - a. American Literature (E-270, E-377, E-378 or E-384) . . . 3
 - b. Pre-1800 British Literature (E-340, E-341, E-347, E-348, E-349, E-350, E-351, E-355, E-357 or E-359) . . . 6
 - c. Post-1800 British or American Literature (E-360, E-365, E-366, E-369, E-377, E-378, E-384, E-385, E-389, E-390 or E-487) . . . 6
 - III. Completion of Departmental Option
 1. Liberal Arts Option
 - a. Competence in a Foreign Lanaguage equivalent to two years of university instruction.
 - b. History of the English Language (LI-309) . . . 3
 - c. Upper Division English Electives . . . 15
 2. Secondary Education Option
 - a. Applied English Linguistics (LI-307) . . . 3
 - b. English Methods Courses (E-301 and E-381)** . . . 6
 - c. Oral Interpretation (CM 241) . . . 3
 - d. Upper Division English Electives . . . 9
 - e. Idaho Certification requirements
- Grand Total
1. Liberal Arts Option - General university requirements, plus 44 hours in major subject, plus equivalent of 2 years of a foreign language.
 2. Secondary Education Option - General university requirements plus 35 hours in major subject, plus professional courses in certification. (See Part V for required Professional Education courses).

* Fulfills Area I requirements.

** Fulfills part of certification requirements.

Suggested Teaching Minor in English

Students who desire a teaching minor in English need no planned program to become certified, but in order to offer a student the best preparation and job qualification, the Department of English recommends the following program which it thinks constitutes a solid minor in English. An advisor in English will assist a student wishing to follow such a minor or portion of it, if the student prefers.

Advanced Composition	3
Linguistics	3
E-301 or E-381	3
Survey of American Literature	4
Lower Division Literature	6*
Upper Division Literature	6

* Recommended: Humanities, HU 207 and HU 208; World Literature, E-230 and E-235; British Literature, E-240 and E-260.

COMBINED MAJOR: COMMUNICATION — ENGLISH

The combined major is designed for students interested in jobs in business and industry or mass communication. It offers an opportunity to combine courses in complementary subject areas. Students may select an emphasis in **Journalism** or in **Communication** under the combined major.

Refer to page 44 under the Department of Communication for the listing of requirements.

Graduate Program Master of Secondary Education* English Emphasis

Applicants who have at least twelve semester credit hours of upper division work in English with a grade point of 3.0 in those courses and who meet general graduate school requirements will be accepted as regular graduate students. Students who do not have the required upper division English work will be admitted on a provisional basis and will be advised what steps to take to qualify for regular status.

Program Requirements

The course of study for the Master of Secondary Education with an English emphasis will consist of a minimum of 33 hours to be chosen by the student and his advisory committee from one of two alternatives.

1. An introductory seminar, twelve hours of graduate English courses, a thesis or project, six hours from the Education core, and nine hours of general graduate electives. At least nine hours of the English courses must be at the 500 level.

E-500	3
E-593 or E-595x	3-6
Graduate English electives (except E-501)	12
Education Core (TE-560)	6
General graduate electives (may include E-501)	9
	<hr/>
	33
2. An introductory seminar, fifteen hours of graduate English courses, six hours from the Education core, nine hours of general graduate electives and a written and oral examination on graduate English coursework. At least twelve hours of the English courses must be at the 500 level.

E-500	3
Graduate English electives (except E-501)	15
Education Core (TE-560)	6
General graduate electives (may include E-501)	9
Examination on English coursework	—
	<hr/>
	33

xCandidates electing a **thesis** will defend it orally. Candidates electing a **project** will take a written and/or oral exam covering the project and graduate coursework in English.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

*SAT: Verbal
560+ above
take one comp.*

COURSES

E ENGLISH

Students who transfer from other schools with qualifying scores on objectives tests, equivalent to those administered to Boise State University freshmen, will be required to take only the essay section of the placement tests. See requirements below for Remedial and Advanced Placement in English composition.

Nine credits of creative writing may be counted toward fulfillment of the major requirements.

Lower Division
010 Developmental Writing (Non-Credit). The fundamentals of grammar, composition and reading required of students with ACT Group 1 Probability scores of below 20 or students whose first writing in E-101 is deficient. For students wishing basic review. Each semester.

101 English Composition (3 credits). Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.

SCHOOL OF ARTS & SCIENCES

English

102 English Composition (3 credits). Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Each semester.

111, 112 Honors Composition (3 credits). Designed to provide the superior student a challenging course that emphasizes individual study and original writing. An introduction to critical writing and the study of ideas through literature. Honors 111 concentrates on lyric, poetry, essays, and short fiction; 112, on epic, drama, and the novel. Normally students must have an ACT of 80 or above for E 111. For E 112, prerequisite of E 111 or consent of Department Chairman.

120 English as a Second Language (3 credits). Basic skills in American English pronunciation, sentence structure, composition and reading for foreign students with TOEFL scores (or equivalent) of 500 or below. Practice in speaking and listening to current American English; reading and vocabulary development; elementary principles of English Composition. Prerequisites: Admission to college recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

121 English as a Second Language (3 credits). Continuation of E-120 with special emphasis on vocabulary development, reading and development of skills in written English. For foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisites: Admission to College, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

122 Composition and Reading for Foreign Students (3 credits). Practice in college level reading and composition; development of special vocabulary skills related to individual needs, advanced English sentence structure. For Foreign Students with TOEFL of 551-575. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

123 Advanced English Composition for Foreign Students (3 credits). Study of and practice in the principles of formal and informal written English; principles of the essay and research paper; continuation of vocabulary development and mastery of the more complex types of English structure. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

201 Advanced Expository Composition (3 credits). An advanced writing course for students who wish to develop skills beyond those acquired in English Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. Prerequisite: E 102 or consent of Department Chairman. Each semester.

205 Creative Writing—Poetry (3 credits). Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

206 Creative Writing—Fiction (3 credits). Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Spring semester.

211 The Bible As Literature (3 credits). A study of selected portions of the Old and New Testaments as they illustrate, primarily, major literary types. Prerequisite: E 102. Spring semester.

213 Afro-American Literature (3 credits). The Black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its salient social and cultural conditions. It explores recurrent and characteristic themes, techniques, and genres from Slavery to the present. Emphasis is on Black writing from the 1930's to the present day. Prerequisite E 102. Fall semester.

215 Far Eastern Literature, In Translation (3 credits). A survey of literature of Far Eastern countries with the major emphasis on China, India, and Japan. Included will be an introduction to the cultural and religious milieu of each country covered in the course. Prerequisite: E 102. Spring semester.

217 Mythology (3 credits). Thematic approach to mythology. Covers creation myths, death rituals, and cultural concepts of the hero. Includes material relating myth to religion, the occult, modern psychology, literature, and general Western culture. Prerequisite: E 102. Fall semester.

219 North American Indian Folklore and Literature (3 credits). A comparative study of traditional Native American beliefs and practices as reflected in authentic oral narratives and creative written literature. The content, form, and style of oral narratives and the functions which these narratives serve in preliterate societies receive particular emphasis. Prerequisite: E 102. Fall semester.

230 Western World Literature (3 credits). This course is an introduction to the cultural and literary history of Western civilization through some of the best plays, stories and novels written. Reading includes selections from the earlier periods: ancient Greece, imperial Rome, medieval Europe, and Renaissance Europe. Prerequisite: E-102. Fall semester.

235 Western World Literature (3 credits). A continuation of E-230, which focuses on the survival and reassertion of traditional Western values and attitudes along with the skepticism and rebellion which has become characteristic of more recent times. Reading includes selections from the European Age of Enlightenment, the Romantic, Realistic and Naturalistic movements in Europe and American, and twentieth century Western civilization. Prerequisite: E-102. Spring semester.

240 Survey of British Literature to 1790 (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking people. Prerequisite: E-102. Fall semester.

260 Survey of British Literature: 1790 to Present (3 credits). A study of the major works, authors, and developments in English literature of the past 200 years. The course continues the coverage of E-240 to the present. Prerequisite: E-102. Spring semester.

270 Survey of American Literature (4 credits). The course traces the artistic, philosophic, social, scientific, and intellectual influences on American writers and the emergence of an independent American outlook. Reading is selected from American authors representative of their time and region. Prerequisite: E-102. Each semester.

Upper Division

301 Teaching English Composition (3 credits). Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major or minor in English, or consent of the department. Prerequisites: Upper Division standing, and LI 305, Introduction to Language. Studies, or inservice teaching. Either semester.

305 Advanced Poetry Composition (3 credits). Prerequisite: instructor's consent based on evaluation of student's original work. Spring semester.

306 Advanced Fiction Composition (3 credits). Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

320 Non-British Western World Drama (3 credits). A survey of major European dramatists from Aeschylus to Anouilh, with special emphasis on the comparison and contrast of the the Greek, Renaissance, and modern periods. Also included is material on the development of European drama, the use and misuse of dramatic devices, and the adaptation of various kinds of drama to the periods studied. Prerequisite: Junior standing and E 102 or consent of the Department Chairman. Either semester.

336 Nineteenth-Century Continental Literature (3 credits). A study (in translation) of major European writers of the Nineteenth Century. Specific reading selections vary each semester, but keep within a chronological and political conditions of the times. Included are works by Goethe, Stendahl, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Fall semester, alternate years. To be offered 1976-77.

338 Twentieth-Century Continental Literature (3 credits). The readings (in translation) used for Twentieth Century Continental Literature especially emphasize twentieth century philosophical trends and cultural themes. Included in the course are works by Mann, Mauriac, Lagerkvist, Kafka, Hesse, Grass and Solzhenitsyn which examine mythological, existential, religious, and political themes in relation to contemporary human values. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Spring semester, alternate years. To be offered 1976-77.

340 Chaucer (3 credits). A study of representative works of Geoffrey Chaucer with emphasis on *The Canterbury Tales* and *Troilus and Criseyde*. Prerequisite: Three units lower-division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1976-77.

341 Medieval Epics and Romances (3 credits). A study of representative English and Continental epics and romances, which include *Beowulf*, *Sir Gawain and the Green Knight*, *Christien de Troyes' Arthurian Romances*, *The Song of Roland*, *The Niebelung enlied*, and *The Cid*. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1977-78.

345 Shakespeare: Tragedies and Histories (3 credits). A study of represent live Shakespearean Tragedies and Histories. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester.

346 Shakespeare: Comedies and Romances (3 credits). A study of representative Shakespearean Comedies and Romances. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

347 Spenser (3 credits). Prerequisite: Three units lower division literature or consent of Department Chairman. A study of the *Faerie Queene* and minor works. Either semester, alternate years. To be offered 1977-78.

348 British Renaissance Non-Dramatic Literature (3 credits) A study of British poetry and prose from the sixteenth century, including works by More, Marlowe, Spenser, Sidney, Shakespeare, and Bacon. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1976-77.

349 Elizabethan and Jacobean Drama (3 credits). A study of Elizabethan and Jacobean comedies and tragedies, which include representative works of such playwrights as Kyd, Marlowe, Jonson, Thomas Heywood, Beaumont and Fletcher, Dekker, Greene, Tourneur, Chapman, Middleton, Webster, and Ford. Prerequisite: Three units lower division or consent of Department Chairman. Spring semester, alternate years. To be offered 1977-78.

350 Earlier Seventeenth Century Non-Dramatic Literature (3 credits). A study of poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, and Marvell, who flourished during the first sixty years of the 17th century. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1976-77.

351 Milton (3 credits). A study of selected prose and poetry of John Milton with special emphasis on *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*. A special attention will be given to intellectual, religious and historical milieu of Milton's age. Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1977-78.

355 Dryden Pope and Their British Contemporaries (3 credits). An in depth study of two of the masters of "neoclassic" poetry and other literary trends. The course will also provide an introduction to Restoration drama, the periodic essay, modern prose fiction and the various modes of satire popular in England between 1660 and 1740. Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1977-78.

357 Swift, Johnson and Their British Contemporaries (3 credits). A study of the sa- and philosophy of two of Britain's best known writers. A look also at the various currents which cross a period in which the "Enlightenment" gave way to modern outlooks. Other authors read usually include Fielding, Sterne, Gray, Gibbon, Burke, and Blake. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1976-77.

359 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel, tracing its roots and exploring the work of De-Foe and the "big four" — Richardson, Fielding, Smollett and Sterne — through the emergence of the sophisticated novels of Jane Austen and the histori-

cal romances of Scott. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the world around us. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

360 British Romantic Poetry (3 credits). A study of representative poems and supplemental statements by the Romantics, Wordsworth, Coleridge, Shelley, Keats, Byron, and selected contemporaries, including Blake and Hazlitt. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

365 Victorian Poetry (3 credits). A study of representative works from the writings of Tennyson, Browning, Arnold, and their contemporaries, up to and including Thomas Hardy. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years.

366 Victorian Prose (3 credits). A study of the intellectual and spiritual crises of mid-19th century Britain as represented in the non-fiction prose of such writers as Carlyle, Arnold, J. S. Mill, Huxley, Newman, and Ruskin. Prerequisite: Three units of lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1976-77.

369 British Novel: Austen through Hardy (3 credits). An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1928, with particular attention to the relationships between the novel and Victorian attitudes up to the emergence of the twentieth-century British novel. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester.

377 American Renaissance (3 credits). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, Romanticism and Idealism, created the first universal vision of human experience to appear in American literature. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

378 American Realism (3 credits). A study of American literature written during the period from the Civil War to World War I. Mark Twain, W. D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate their basic belief that literature should be written about the average person in the light of common day. Such related theories and ideas as Social Darwinism, psychologism, scientism, impressionism, and Howells' "doctrine of complicity" also receive attention in lectures and in discussions of novels. Prerequisite: Three units of lower division literature or consent of Department Chairman. Either semester.

381 Methods of Teaching Secondary School English (3 credits). Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Introduction to Language Studies LI 305. Fall semester.

384 Literature of the American West (3 credits). Selected works by representative writers of the American West. A study of such Western types as the mountain man, the cowboy, and the pioneer in the works of such serious writers as Wallace Stegner, Owen Wister, H. L. Davis, John Steinbeck, and Willa Cather. In addition to assessing the literary merits of the works studied, regional attitudes and values are analyzed and discussed. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction (3 credits). This course is designed to acquaint both non-majors and majors in literature with typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as Cary, Ellison, Faulkner, Gardner, Golding, Hemingway, Joyce, Lawrence, O'Connor, Steinbeck, Welty, and others. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

389 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reveal techniques and ideas used by the British and American writers who have created the various forms of "modern" drama. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

390 Folklore (3 credits). Study of what folklore is, its written and oral traditions, its different genres. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism (3 credits). A survey of critical approaches to literature from Plato to the twentieth century. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

487G Twentieth-Century Anglo-American Poetry (3 credits). A study of representative works by important Twentieth-Century British and American Poets and of philosophical and aesthetic concerns these works reveal. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

488G Methods and Theories of Literary Criticism (3 credits). Prerequisite: E-393 and Junior standing or consent of Department Chairman. A detailed study and application of major critical methods and theories. Spring semester.

498 Senior Seminar (2 credits). Required of all senior English majors. Prerequisite: Senior standing in English or consent of Department Chairman. Spring semester.

Graduate

The introductory seminar (E-500) is prerequisite to other 500-level seminars. However, with the consent of the candidate's committee, the student may concurrently take another seminar. With the exception of E-501 and E-597, all seminars will be in specified areas of American and British literature and linguistics, though they may cover influences from other literatures. A maximum of six hours in 400G English courses may be substituted for seminar work in the English core. E-501 may be taken as a general elective, but may not be counted toward a student's English core.

Since the content of courses E-510, E-520, E-530, E-540, E-550, E-560, E-570, and E-597, may vary from term to term, a student may repeat any of these courses for credit but may not count more than six hours toward his English core.

E-487G and E-488G see above.

E-500 Introductory Seminar (3 credits). An examination of a well-defined theme or problem, or an investigation into a major author. Research and report on aspects of the controlling subject to be performed by students under careful supervision of the instructor. An introduction to bibliography and an orientation to bibliographic sources. Prerequisite: Admission to the Graduate Program or consent of the English Department Chairman.

E-501 The Teaching of Writing (3 credits). A study of theories and methods of teaching writing for experienced teachers. Special emphasis on new discoveries about the learning process in writing courses such as those of Moffett, Murray, Judy, Elbow, and Macrorie, and on the teacher's role in helping the individual student. Prerequisite: E-500 and teaching experience or consent of the English Department Chairman.

E-505 Linguistics (3 credits). A study of modern linguistic theories and their application to literary texts and to the teaching of English. An examination of the ways in which traditional, structural, and transformational models deal with the complexities of language in the areas of syntax, morphology, and phonology, as well as the recent application of such theory to stylistics and prosody. Prerequisite: E-500 and a linguistics course equivalent to LI-305, or consent of English Department Chairman.

E-510 Major Author (3 credits). A consideration of minor and major artistic creations of an author with attention devoted to major influences on the writer and his influence on others. Aspects of investigation to include the life of the author and its relation to his work, the society and culture of the times, his place and stature in the genres in which he worked, his use or disregard of tradition, as well as an investigation of contemporary criticism and critical evaluation since his time. Prerequisite: E-500 or consent of English Department Chairman.

E-520 Genre (3 credits). 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. Prerequisite: E-500 or consent of English Department Chairman.

E-530 Period (3 credits). A study in major authors, genres, or topics set within a selected period of American or British literature. Prerequisite: E-500 or consent of English Department Chairman.

E-540 Myth in Literature (3 credits). An exploration of the use of myth in literature, both as a structuring influence as well as a source of content. While attention will be given to the nature and working of myth itself, focus will be on the ways it enters into the conscious creation of fictive art. Mythic themes may be explored, such as the quest, the initiation, the Adamic myth in American literature, or the functions of myth in the work of major authors such as Milton, Melville, T. S. Eliot, Joyce. Prerequisite: E-500 or consent of the English Department Chairman.

E-550 Literature and Culture (3 credits). A study of the reciprocal relationship between a selected body of literature and the social, economic, and political forces that characterize the culture from which it arose. An examination of the ways in which literary form and content are influenced by culture as a whole. Prerequisite: E-500 or consent of English Department Chairman.

E-560 Folklore (3 credits). An examination of materials selected from oral tradition and custom with attention to be paid to aspects of collecting, classifying, comparing, analyzing, and achieving. Theories of folklore composition, transmission, and function will be related to the use of folklore in the classroom. Prerequisite: E-500 or consent of English Department Chairman.

E-570 Literary Movements (3 credits). 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. Prerequisite: E-500 or consent of English Department Chairman.

E-593 Thesis (3 to 6 credits). A scholarly paper containing the results of original research. Prerequisite: Admission to candidacy and approval of the student's graduate committee.

E-595 Reading and Conference (3 to 6 credits). A project may include, but is not limited to, a library research paper or experimental research on some aspect of pedagogy or preparation of written curriculum with teaching materials. Prerequisite: Admission to candidacy and approval of the student's graduate committee.

HU HUMANITIES

207, 208 Introduction to Humanities (3 credits). Definitions and redefinitions of culture: man's pursuit of meaning in literature, art, music, and drama. The origins, limits, and uses of the creative arts. The exploration of self, society, and the world through illusion. The humanities and the scientific imagination. "High" culture and "mass" culture. Prerequisite: English 102 or consent of Department Chairman. Each semester.

LI LINGUISTICS

305 Introduction to Language Studies (3 credits). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

307 Applied English Linguistics (3 credits). Application of linguistic theory and concepts to the teaching of English grammar composition. Analysis of specific problems of structure encountered in instruction. Examination of Texts and materials, reports on pertinent articles in professional journals, and demonstrations. For teachers or prospective teachers of secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

309 History of the English Language (3 credits). A study of the periods in the development of English: Indo-European and Germanic backgrounds; development of writing; internal and social forces of change, dialects of English. Concentrated work with written documents in English language history. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

405 Modern English Structure (3 credits). An approach to modern English based on linguistic principles; the course will cover English phonology, morphology, and syntax with transformational emphasis, but including a survey of traditional structural, and newly developing theories of grammar. Prerequisite: LI-305, or consent of Department Chairman. Either semester, alternate years. To be offered 1977-78.

Department of Foreign Languages

Chairman and Associate Professor: Dr. George A. Jocums; Associate Professors: Robertson, Valverde; Assistant Professor: Schoonover; Instructor: Herbert.
Emeriti: Power, deNeufville

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR

In order to be recommended by the Department of Foreign Language to teach a foreign language, the student must have completed the following: 6 hours of upper division composition and conversation in the foreign language; 6 hours of upper division literature or culture and civilization in the same language; 3 hours of methods of teaching foreign languages.

PLACEMENT TEST

Students with previous experience in foreign language are expected to take the FL Placement Test administered at the beginning of each semester (check the BSU Fall & Spring Calendars for specific times). Placement into the proper course will be made on the basis of placement test results in consultation with foreign language placement advisors. Credit for previous work may be gained through regular University challenge procedures."

COURSES

FL FOREIGN LANGUAGE

110 Applied Phonology: French, German, Italian (3 credits). Phonetic description and phonemic analysis of French, German, and Italian languages, especially designed for students in vocal music and related areas. This course may be taken concurrently with any foreign language offered. Fall semester, alternate years. Offered in 1977-78.

310 Methods of Teaching Foreign Languages (3 credits) A lecture-discussion course intended for prospective and in-service language teachers. Various aspects of language teaching are considered, including class-room techniques, problems, audio-notebook required. Prerequisite: a minimum of two years of the same foreign language, or in-service teaching. Spring semester.

F FRENCH

Lower Division

101, 102 Elementary French (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing French. Required laboratory practice (1 hour week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school French or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to French Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible. Not offered in 1976-77.

201-202 Intermediate French (4 credits). A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in French. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of French Literature (3 credits). An introduction to the major writers and trends of the French literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. In the first semester, the Middle Ages through the 18th century are covered; in the second semester, the 19th and 20th centuries. Classes are conducted mostly in French. Prerequisite: F 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered alternate academic years. Not offered in 1976-77.

303-304 French Composition and Conversation (3 credits). Intended to further stimulate clarity, simplicity, and precision in oral and written French; and to lay the foundations for literary studies. Class conducted entirely in French. Prerequisite: F-201-202 or demonstrated proficiency. Offered in alternate academic years.

50

305 French Culture and Civilization (3 credits). Coverage of French civilization from pre-historic beginnings to the French Revolution. Special attention to contributions to the development of western civilization. Following topics are treated: Geography, history, French literature, Paris, art, sciences, French educational system, French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

306 French Culture and Civilization (3 credits) Coverage of French civilization from the Napoleonic era to the present. Special attention to contributions to the development of western civilization. Following topics are treated: Geography, history, French literature, Paris, art sciences, French educational system, French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Spring semester. Offered in alternate academic years.

G GERMAN

Lower Division

101-102 Elementary German (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing German. Required laboratory practice (1 hour-week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school German, or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to German Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college German are not eligible. Not offered in 1976-77.

201-202 Intermediate German (4 credits). A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in German. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of German Literature (3 credits). An introduction to the major writers and trends of the German literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. In the first semester, the Middle Ages, through the 18th century are covered, in the second semester, the 19th and 20th centuries. Classes conducted mostly in German. Prerequisite: G 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered in alternate academic years.

303-304 German Conversation and Composition (3 credits). Intended to further stimulate clarity, simplicity, and precision in oral and written German; and to lay the foundations for literary studies and/or foreign travel. Class conducted entirely in German. Prerequisite: G-201-202 or demonstrated proficiency. Offered in alternate academic years.

305 German Culture and Civilization (3 credits). Coverage of German civilization from pre-historic times through the 18th century. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: 2 years of college German or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

306 German Culture and Civilization (3 credits). Coverage of German civilization from 1800 to the present. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: 2 years of college German or equivalent as determined by placement test. Spring semester. Offered in alternate academic years.

R RUSSIAN

101-102 Elementary Russian (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Classes meet 4 times a week, and there is one hour per week of required laboratory practice. The class is conducted in Russian. Fall and Spring semester. Offered in alternate academic years.

S SPANISH

Lower Division

101-102 Elementary Spanish (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Spanish. Required laboratory practice (1 hour-week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to Spanish Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college Spanish are not eligible. Not offered in 1976-77.

201-202 Intermediate Spanish (4 credits). A continuation of the sequence, to further develop language skills, both written and oral. Classes are conducted in Spanish. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of Spanish Literature (3 credits). An introduction to the major literature from the early Middle Ages to modern times. Reading and interpretation of major literary as well as socio-cultural trends, with oral and written reports; development of powers of interpretation, critical insight. Lectures and class participation are in Spanish. Prerequisite: Intermediate Spanish S-201 and S-202. Meets the literature requirement for baccalaureate degrees. Offered in alternate academic years.

303-304 Spanish Conversation and Composition (3 credits). Intended to further stimulate clarity, simplicity, and precision in oral and written Spanish; and to lay the foundation for literary studies and/or foreign travel. Class conducted entirely in Spanish. Prerequisite: 201-202 or demonstrated proficiency. Each semester.

305 Spanish Culture and Civilization (3 credits). Coverage of Spanish civilization from earliest Iberian beginnings to contemporary Spain. Discussion of Spain's history and its influence on present nation and people. Special attention to Spain's contributions to Western-Civilization. All lectures and discussions conducted in Spanish; some readings in English. Outside readings and papers required. Prerequisite: 2 years of college Spanish or equivalent as determined by placement exam. Fall semester. Offered in alternate academic years.

306 Spanish-American Culture and Civilization (3 credits). Coverage of Spanish-American civilization. Lecture, discussion and laboratory course dealing with cultural, social, economic and political developments in the Hispano-American nations. The course gives the student an understanding of hispanic cultural systems and affords insight into the perplexities and challenges facing hispanic peoples today. Class conducted in Spanish. Prerequisite: 2 years college Spanish or equivalent as determined by placement exam. Spring semester. Offered in alternate academic years.

DEPARTMENT OF GEOLOGY

Chairman and Professor: Dr. Kenneth M. Hollenbaugh; *Professors:* Warner, Wilson; *Associate Professor:* Spinosa; *Assistant Professors:* Applegate, Donaldson, Mink; *Instructor:* Delisio; *Research Associate:* Guillaumette.

The Department of Geology provides three degree programs: 1., Master of Science in Secondary Education, Earth Science emphasis; 2., Bachelor of Science in Geology; and 3., Bachelor of Science in Earth Science Education. Non-degree course offerings in geography meet the 15 credit requirement under the 30-15-15 Social Science Secondary Education degree program offered in the departments of Economics, History, Political Science and Societal and Urban Studies.

The curriculum leading to the M.S. in Secondary Education, Earth Science emphasis, is designed to provide advanced academic training in the topics of earth science to those students pursuing a teaching career. The curriculum has full national accreditation.

The curriculum leading to the B.S. degree in Geology is designed for those students who plan a career in applied geology or who plan to attend graduate school. The more generalized curriculum leading to the B.S. degree in Earth Science Education is designed to prepare the student to teach earth science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

In addition to the courses formally offered in all degree programs, a student may acquire credit for Independent study, Internship or for participation in departmental research projects.

It is strongly recommended that high school students who plan to enter the geology or earth science program include chemistry, physics, and as much mathematics as possible in their high school program.

REQUIREMENTS FOR GEOLOGY MAJOR

Bachelor of Science

I. Geology Major:

1. General University and Baccalaureate Degree Requirements. See pages 16-18 for Graduation Requirements.

2. Major Requirements

	CREDITS
A. Geology	45
Physical Geology	4
Historical Geology	4
Mineralogy	4
Petrology	4
Sedimentology	4
Stratigraphy	3
Structural Geology	4
Invertebrate Paleontology	4
Field Geology	4
Geology Seminar	1
Geology electives to total 45 credits	
B. Chemistry for Physical Sciences	8
C. General Physics	8
D. Mathematics through M-112	10
E. Technical Drawing unless waiver is obtained from department chairman	2
F. Recommended electives	15
Life Science	
Foreign Language	
Mathematics	
Geography	
Business	
Economics	
Chemistry	
Physics	
Engineering	

GEOLOGY MAJOR

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Physical Geology	4	—
Historical Geology	—	4
Mathematics	5	5
Chemistry	4	4
	16	16
SOPHOMORE YEAR:		
Mineralogy	4	—
Petrology	—	4
General Physics	4	4
Degree Requirements	3	3
Electives	4	4
	15	15
JUNIOR YEAR:		
Sedimentology	4	—
Stratigraphy	—	3
Structural Geology	4	—
Paleontology	4	—
Degree Requirements	5	6
Electives	—	8
	17	17
SENIOR YEAR:		
Field Geology	—	4
Seminar	1	—
Degree Requirements	3	3
Upper Division Electives	6	3
Upper Division Electives in Geology	6	6
	16	16
		51

SCHOOL OF ARTS & SCIENCES

Geology

II. Earth Science Education Major:

1. General College and Baccalaureate Degree Requirements. See pages 16-18 for Graduation Requirements.

2. Major Requirements

	CREDITS
A. Geology	30
Physical Geology	4
Historical Geology	4
Introduction to Ocean Geology	3
Meteorology	3
Geology Seminar	1
Geomorphology	3
Geology Electives to total 30 credits	
B. Introduction to Chemistry	8
C. General Physics or General Biology	8
D. Mathematics through M 112	10
E. Astronomy	4
F. Recommended Electives	6-8
Geography	
Foreign Language	
Mathematics	
Communications	
Life Science	

3. Education Requirements

The following are required for Secondary

Teaching Certification in Idaho:	
Foundations of Education	3
Educational Psychology	3
Secondary School Methods	3
Secondary Student Teaching	6
Education Electives	5

EARTH SCIENCE EDUCATION MAJOR

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Physical Geology	4	—
Historical Geology	—	4
Mathematics	5	5
Chemistry	4	4
	16	16
SOPHOMORE YEAR:		
Foundations of Education	—	3
Geography	3	—
General Physics or General Biology	4	4
Intro. to Ocean Geology	—	3
Meteorology	3	—
General Psychology	—	3
Degree Requirements	6	—
Astronomy	—	4
	16	17
JUNIOR YEAR:		
Upper Division Geology	4	4
Degree Requirements	3	6
Upper Division Electives	7	6
Geomorphology	3	—
	17	16
SENIOR YEAR:		
Educational Psychology	—	3
Upper Division Geology	6	—
Seminar	1	—
Secondary School Methods	—	3
Student Teaching	—	6
Education Electives	3	—
Upper Division Electives	6	—
Audio Visual Aids	—	2
	16	14

MASTER OF SCIENCE, SECONDARY EDUCATION, EARTH SCIENCE EMPHASIS*

The curriculum for the Master of Science in Secondary Education, Earth Science emphasis is intended to provide education for earth science teachers with the course offerings stressing current data and developments in the discipline. The planning, preparation, and conducting of laboratory investigations and out-door field trip activities are emphasized. Because of the great variety of background training of present secondary earth science teachers, the course offerings have been chosen and designed to allow maximum flexibility in planning individual programs. A preliminary examination, oral or written, will be administered to each candidate.

Required courses include TE-560, GO-598 and a final thesis, project, or additional courses as determined by the committee. All other courses to be taken in the degree program are planned by the student and his graduate committee. A final comprehensive oral and/or written examination over course work and the thesis or project is required.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSES

GO GEOLOGY

Lower Division

100 Fundamentals of Geology (4 credits). An introduction to the principles of physical and historical geology. Topics include: weathering, erosion, glaciation, volcanism earthquakes, the study of rocks, minerals, maps, the origin of the earth and its physical and biological development. Open to all students except those with previous credit in geology, geology or earth science majors, and those nonscience majors who plan an 8-hour sequence in geology. Three lectures and 1 three-hour lab per week. Each semester.

101 Physical Geology (4 credits). A study of the origin and development of the earth's materials, land forms, internal structures, and the physical processes acting on and in the earth that produce continuous change. Topics include weathering, erosion, glaciation, volcanism, metamorphism and igneous activity, mountain building, earthquakes, and the origin of continents, ocean basins, and landscapes. The laboratory provides instruction and practice in the identification of rocks and minerals, and the use of topographic and geologic maps. Three lectures and one three-hour laboratory per week. Field trips required. Each semester.

103 Historical Geology (4 credits). A study of the origin and progressive development of the earth and evolution of plants and animals. The geologic history of the earth is treated in considerable detail. Prehistoric life and fossil study as well as field trips to fossil beds are included in the laboratory work. Three lectures and one three-hour laboratory per week. Prerequisite: Physical Geology. Each semester.

105 Rocks and Minerals (3 credits). A systematic study of rocks and minerals, with emphasis on physical characteristics and methods of identification. Field trips and laboratory session are a part of the course for those taking the class for credit. Prerequisite: High school chemistry or permission of the instructor. Either semester.

111 Geology of Idaho and the Pacific Northwest (3 credits). A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and gem areas, and current problems in natural resource products. One three-hour lecture per week and two field trips. Prerequisite: Physical and Historical Geology or consent of instructor. Spring semester, alternate years. Offered 1974, not offered 1975.

201 Introduction to Ocean Geology (3 credits). A general study of the physiography, the structures, and the sediments of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are also studied. Two one-hour lectures per week. Prerequisite: Historical Geology. Spring semester.

213 Introduction to Meteorology (3 credits). An introduction to the study of weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. Prerequisite: Physical Geology. Three one-hour lectures. Fall semester.

221 Mineralogy (4 credits). A study of genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Historical Geology and College Chemistry or concurrent registration in College Chemistry. Fall semester.

222 Petrology (4 credits). Study of igneous, sedimentary, and metamorphic rocks with emphasis on physical and chemical conditions controlling the origin, occurrence, and association of the various rock types. Field relationships, identification of rocks in hand specimen, and an introduction to microscopic analysis. Three one-hour lectures and one three-hour lab per week as well as two all-day Saturday field trips. Prerequisite: Mineralogy. Spring semester.

250 Principles of Paleontology (3 credits). A course designed for non-geology majors, especially those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptions of important fossil groups will be stressed. Laboratory periods will be used to study small collections of the more important phyla and to introduce the student to simple museum techniques of fossil preparation and display. A term paper or project is required. Two one-hour lectures and one three-hour laboratory per week. Prerequisites: Any introductory course in geology, biology, zoology, or botany or consent of the instructor. Either semester.

Upper Division

311 Sedimentology (4 credits). A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consists of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Mineralogy. Fall semester.

312 Stratigraphy (3 credits). The study of sedimentary strata with chronology as its special aim. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Three one-hour lectures, field trip and special projects and a report required. Prerequisite: Sedimentology. Spring semester.

313 Geomorphology (3 credits). A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the process by which they are formed and changed. Laboratory work consists of map studies and field investigations. Two lectures and one three-hour laboratory per week. Prerequisite: Historical Geology. Fall semester.

314 Structural Geology (4 credits). A study of the physical nature of rocks, the origin, description, classification, and interpretation of deformational structures of the earth's crust, and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and cross sections, and the use of aerial photos. Field trips. Three lectures and one three-hour lab per week. Prerequisite: Historical Geology and College Algebra and Trig. Fall semester.

321 Optical Mineralogy (4 credits). The theory and application of the polarizing microscope to the examination of minerals. An introduction to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral examination. Laboratory experience in the preparation of materials for optical study and diagnostic techniques form mineral identification. A systematic survey of the optical properties of minerals. Prerequisite: GO 222. Fall semester.

322 Petrography (4 credits). An introduction to the study of rocks in thin section by means of the polarizing microscope. The interpretation of the origin and history of igneous, metamorphic, and sedimentary rocks based primarily on features observed in this section. A systematic survey of the major rock types with emphasis on textures, mineralogy and classification. Prerequisite: GO-321. Spring semester.

351 Invertebrate Paleontology (4 credits). The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on hard-part morphology, ontogeny, phylogeny and taxonomy of the geologically more important groups. Laboratory work based on standard collections made by the students during field trips. Three hours of lectures, four hours of labs. Prerequisite: Historical Geology or Advanced General Biology. Fall semester.

403 Engineering Geology (3 credits). Application of geology to engineering projects. Aspects of geology include selected principles from structural geology, petrology, geomorphology, photogeology, geohydrology and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, building foundations and tunnels. Case histories of major projects are studied. Two lectures and one three-hour laboratory per week. Field trip required. Prerequisite: Structural geology and stratigraphy or permission of instructor. Spring semester.

412 Groundwater Geology (3 credits). A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and accumulation of water in subsurface materials. Emphasis is placed on structural, sedimentational, and stratigraphic conditions most conducive to the formation of ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. Fall semester.

421 Ore Deposits (3 credits). The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposition, origin and migration of ore-bearing fluids, and the processes of alteration, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls or ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisites: Mineralogy and structural geology. Spring semester.

431 Petroleum Geology (3 credits). 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. Two one-hour lectures per week and one three-hour lab per week. Three field trips. Prerequisite: Structural Geology and Sedimentology. Alternate years. Spring semester. Offered 1975.

441 Introduction to Geophysical Methods (3 credits). The course will include material on surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geologic problems in exploration geology (economic and petroleum), engineering geology, and ground water geology will be stressed. Prerequisite: one year of college physics. Spring semester.

471 Regional Field Study and Report Writing (1 credit). This course constitutes library research and preparation of reports, geologic maps, road logs, and a field trip guide book pertaining to variety of geologic topics relative to a specific region. That region, to be designated at the beginning of the semester, is then visited and studied during a field trip; the trip is ordinarily taken during the spring semester vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific merit are keyed to the guidebook, which is then compiled into final report form. One lecture per week; field trip required. Prerequisite: upper division standing or consent of the instructor. Spring semester.

480 Field Geology (4 credits). Application of geologic principles and currently used field techniques to the solution of field problems. Work includes measurement and correlation of stratigraphic sections, plane table mapping, geologic mapping on aerial photographs and on topographic maps, and special field techniques for igneous, sedimentary and metamorphic terrains. Instruction will be by appropriate specialized geologists. A formal report of professional quality is required. One lecture and three, three-hour labs. Field work on most weekends is required. Prerequisites: Senior standing and permission of Geology Department Chairman. Spring semester.

498, 499 Geology Seminar (1 credit). Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. Prerequisite: Geology major or Earth Science Education major. Each semester.

Graduate

511 Environmental Geology (3 credits). Environmental Geology deals with the geologic aspects of man's interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, volcanism, mass-wasting and other geologic hazards. The resource needs of our expanding population are contrasted with the growing requirement for the protection of our frail environment. Prerequisite: Graduate status, or consent of the instructor. Fall semester.

521 Advanced Topics in Earth Science (3 credits). The study, review, and discussion of current literature, classroom and laboratory demonstrations, teaching aids and preparation of field trips itineraries relative to geology, astronomy, meteorology, and oceanography. The course is designed to provide background knowledge, skills, and material resources that can be directly applied to increase the students capability to teach earth science in the elementary and secondary school. Prerequisite: Graduate status or consent of instructor. Summer School.

531 Regional Geology of North America (3 credits). A systematic study of the geologic provinces of North America with special emphasis on their geological relationships and physical evolution. The uniqueness of each province is investigated in terms of its structural and geologic history and the mineral resources available for the use of society. Prerequisite: Graduate status or consent of the instructor. Spring semester.

541 Methods and Techniques of Gathering, Measuring and Testing Geologic Data (3 credits). A study of correct and approved ways to collect representative field samples of rocks, minerals, fossils, etc., to measure topographic, structural and stratigraphic entities; to analyze and classify statistically sedimentation, petrologic and mineralogical samples with laboratory techniques, and to log subsurface data from boreholes and by geophysical means. Prerequisite: Consent of the Department Chairman. Fall semester.

551 Current Topics in Geology (3 credits). An investigation of current research, debates and developments regarding practical, as well as theoretical, issues in geological science. Prerequisite: Graduate status or consent of the instructor. Spring semester.

561 Earth Science Teaching Techniques (3 or 4 credits). This course is a study of the objectives, methods, and materials of instruction in the earth sciences. Emphasis will be placed on the preparation and presentation of lectures, laboratory exercises and field trips. Sources of earth science teaching materials available to the instructor will be compiled. Motivation of student interest by the incorporation of environmental problems and materials will be emphasized. This course provides the student with internship experience in the laboratory and lecture classroom. Prerequisite: Graduate status or consent of the instructor. Either semester.

571 Geochemistry (3 credits). The application of chemical principles to the understanding of earth materials and processes. The origin and distribution of elements in the earth and the solar system. Geochemical "cycles." Chemical principles of mineral formation and weathering. Geochemistry and the environments. Prerequisite: Graduate status, one year of college chemistry and one year of college geology, or consent of instructor. Spring semester.

591 Project (3-6 credits). 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. Prerequisite: Graduate status and 15 credits in Earth Science, or consent of the instructor.

593 Thesis (3-6 credits). 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. Prerequisite: Admission to candidacy.

596 Independent Study and Research (1-4 credits). Field or library research project. Student may work on his own problem or select from a list provided by instructor. Weekly progress meetings, final report. Prerequisites: Physical Geology or Fundamentals of Geology and/or consent of instructor.

598 Graduate Seminar (1-3 credits). 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 a debate. Preparation of visual aids and geologic illustrations will be emphasized. Prerequisite: Admission to candidacy or consent of the instructor.

GG GEOGRAPHY

Lower Division

101 Introduction to Geography (3 credits). A comprehensive survey of various environments of man in a study of world patterns and major regions with emphasis on the utilization of globes, interpretation and construction of maps. The course introduces basic concepts and techniques used in geography, utilization of natural resources, distribution of population and outstanding problems of each region. Each semester.

102 Cultural Geography (3 credits). Cultural Geography is a study of the distribution and character of man's cultural activities throughout the world. These activities will be viewed in two respects: 1. How culture affects the physical world; 2. How the physical world affects culture. Lectures, slides, motion pictures and guest speakers, along with appropriate readings, will comprise the course. Prerequisite: Intro to Geography or consent of instructor.

201 The Use and Interpretation of Maps and Globes (3 credits). The course consists in the intensive use and interpretation of maps and globes. The intent is to familiarize students in the great variety of maps and globes available and the particular advantages and disadvantages of each in particular situations. It is aimed at anyone who might have need of maps and globes, such as teachers and history, geology and archaeology majors. The course is non-technical, in that little math is required. Course materials consist of texts, slides, motion pictures, as well as maps and globes. Prerequisite: consent of the instructor.

221 Geography of Idaho and the Pacific Northwest (3 credits). The course deals with the physical and cultural geography of the Pacific Northwest, with particular emphasis on Idaho. Stress is placed on the continuing physical, biological, social, political and economic changes the region is undergoing. In addition, the role of the Pacific Northwest in relation to the rest of the United States is studied. Sources of information available to the student include: the textbook, readings from professional journals, the Idaho Historical Society, and slides, motion pictures and writings of area researchers. Prerequisite: Intro to Geography and consent of instructor.

231 Comparative Geography of Canada and Latin America (3 credits). The course is a comparative study of the natural and cultural geographies of Canada and Latin America. Comparisons and contrasts will be made between the resources, environments, peoples and potential of each region. Their relationships with the United States and the other countries of the world will also be explored. Films, slides, and guest speakers — along with appropriate texts will be used. Prerequisite: Intro to Geography or consent of instructor.

241 Comparative Geography of Africa and the Far East (3 credits). A study of the physical and cultural geography of Africa and the Far East, with emphasis on the relationships and changes within the regions. Lecture topics include the various landscapes, flora and fauna, peoples and geographic problems. Slide presentations, overhead transparencies, motion pictures, current researchers and native speakers, as available, are resources for the course. Prerequisite: Intro to Geography or consent of instructor.

Upper Division

301 Historical Geography (3 credits). Historical Geography is the study of the past geography of various places or regions. The course graphically reveals the constant theme of change inherent in both history and geography. Students will explore the dynamics of geographic change, the historical geography of particular regions of the earth, and the effects of past geographical circumstances on present geography. The course uses both geographical and historical resources, including those written by professional historical geographers. Prerequisite: GG-102 or consent of instructor.

311 World Economic Geography (3 credits). Economic Geography is the study of the areal distribution and variation of resources and man's activity related to producing, exchanging and consuming commodities and products. Economic activities and materials are studied in the context of where they are located, what their characteristics are, and to what national and international phenomena they are related. Prerequisite: GG-101 or consent of instructor.

321 Conservation of Natural Resources (3 credits). Resource conservation is a course aimed at developing the student's awareness of resource use and conservation. The course has five major thrusts: 1) a perspective on conservation, 2) character of land resources, 3) character of water resources, 4) mineral resources, 5) the demands of population on the resource base. These topics may be viewed as a single entity, or as they act in concert. Prerequisite: GG-101 or consent of the instructor.

GP GEOPHYSICS

Upper Division

301 Introduction to Geophysics (3 credits). The course is a survey of surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geologic problems in exploration geology (economic and petroleum), engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

325 Physics of the Earth (3 credits). The course will include a discussion of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the significance of these properties in understanding the complexities of the earth. Fall semester. Prerequisite: Physics 220 or consent of instructor.

451 Applied Geophysics I (5 credits). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geotechnical investigations. Practical laboratory and field studies will be conducted using geophysical instrumentation. Theory, data acquisition, data reduction and data interpretation will be emphasized. Four one-hour lectures and one three-hour lab. Fall semester. Prerequisites: GO-314, GP-301, PH-221 and 222, M-321.

452 Applied Geophysics II (5 credits). A continuation of GP-451 with emphasis on field procedures, equipment array and geophysical surveying techniques. Four one-hour lectures, one three-hour lab and numerous field problems. Spring semester. Prerequisite: GP-451.

GS GENERAL SCIENCE GS-305 - Teaching in Sec Sch

501 History of Science — 3 credits. This is a survey of man'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.

DEPARTMENT OF HISTORY

Chairman and Professor: Dr. Warren L. Vinz; *Professors:* Barrett, Caylor, Lovin, Ourada; *Associate Professors:* Fletcher, Lundy, Sims, Sylvester, Tozer; *Assistant Professor:* Bonachea; *Instructors:* Odahl, Zirinsky.

REQUIREMENTS FOR HISTORY MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

	CREDITS
A. General university requirements to include:	
1. A foreign language or equivalent* (a minimum of)	8
2. Federal Government	3
B. History Requirements:	
1. Lower Division Courses	18
History of Western Civilization (HY 101, 102, 103 or 201, 202, 203)	9
U.S. History (HY 151, 152 or 251, 252)	6
Intro. to the Study of History, HY 210	3
2. Other History Courses**	24
History Seminars	6
Upper Division History (minimum of)	12
Additional history upper or non-required lower division	6
C. Electives	28-36

II. Secondary Education Option

A. General university requirements to include:	
Federal Government	3
B. History requirements:	
1. Lower Division Courses	18
History of Western Civilization (HY 101, 102, 103 or 201, 202, 203)	9
U.S. History (HY 151, 152 or 251, 252)	6
Study & Methods of Teaching History	3
2. Other History Courses**	24
Upper Division American History Elective	3
Seminar	3
Upper Division History (minimum of)	12
Additional history electives upper or non-required lower division	6
C. Educational requirements for State Certification for Secondary Education	17-20
D. Electives	27

III. History - Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study and teaching minors of 15 credits each chosen from other social science fields.

A. Lower Division courses:	
1. U.S. History (HY 151, 152, or 251, 252)	6
2. Western Civilization (HY 101, 102, 103 or 201, 202, 203)	9
3. Study & Methods of Teaching History	3

- B. Other History Courses (minimum of 15 U.D.) . . . 18
To be chosen by student in consultation with advisor from two out of three of the department's offerings (U.S., European, Third World).

C. Other Courses

At least 15 hours must be taken in each of two allied disciplines: Economics, Political Science, Anthropology, Sociology, Geography. These courses should be chosen by the students in consultation with their advisor.

15 Hour History Option

Similar 30-15-15 academic majors are available in the various social science disciplines in which their courses would constitute the 30-credit core of the major and history would serve as one of the associated 15-credit blocks. For such a major the Department of History requires that at least 9 of the 15 history credits be upper division, and that courses be selected to complement their major.

IV. History Minor Option

1. Lower Division Courses 12
U.S. History, (HY 151, 152, or 251, 252)
Western Civilization (HY 101, 102, 103, or 201, 202, 203)
2. Upper Division Courses 12
To be chosen from two of the three major areas (U.S., Europe, Third World) offered by the department.

In addition to the above the State Department of Education may require additional courses for certification in the minor field.

* Language equivalency required by the History Department will be determined by the Department of Foreign Languages.

** Majors must have course work distributed between U.S., European and Third World history with at least 12 hours in one area and at least 6 hours in each of the other two.

**MASTER OF ARTS, SECONDARY EDUCATION,
HISTORY EMPHASIS***

I. Admissions

See Part VIII Graduate School Information, page 130 in catalogue.

II. Program Requirements

The Master of Secondary Education with a History emphasis will consist of a minimum of thirty-three hours planned by the student and his advisory committee from the following alternatives.

A. 33 hour with thesis

1. Secondary Education Core 6 hours
2. History Emphasis 12 hours
3. Free Electives 9 hours
4. Thesis (defended orally) 6 hours
5. Written exam on work taken in the History Department toward the degree

B. 33 hour with project

1. Secondary Education Core 6 hours
2. History Emphasis 15 hours
3. Free Electives 9 hours
4. Project 3 hours
5. Written or oral examination covering aspects of his project and course work taken in the History Department toward the degree

C. 36 hour

1. Secondary Education Core 6 hours
2. History Emphasis 18 hours
3. Free Electives 12 hours
4. Written examination covering course work taken in the History Department toward the degree

III. Course Offerings

A. Required courses

1. HY 500 Historians and Historical Interpretation 3 hours
2. HY 502 Teaching History in the Secondary Schools 3 hours
3. HY 510-11 History of Western Thought
HY 520 Sources of American Values . . . 3 hours
4. HY 480,481, Seminar 3 hours
482
5. TE 560 Secondary Education Core 6 hours

B. Elective courses

Additional courses from History or allied fields as planned by the student and his graduate committee to meet program requirements.

C. Additional Information

1. Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate history may apply to challenge, waive, or replace parts of the emphasis requirements.
2. Students electing a double emphasis will draw up their program in consultation with their committee.
3. A maximum of six hours in 400G History courses may be substituted for seminar work in the History offerings.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSES

HY HISTORY

Lower Division

101, 102, 103 History of Western Civilization (3 credits). First semester: The development of European civilization from classical antecedents to the twelfth century, A.D.; Second semester: The development of the early modern European works from the twelfth century to 1815; Third semester: The development and expansion of western civilization worldwide since 1815. Each semester.

***151, 152 United States History** (3 credits). First semester: The history of American civilization from Pre-Columbian days to 1877 with emphasis given to the development of the union and expansion. Second semester: A survey of the significant factors influencing American development from the Civil War to the present, including the growth of American business, and the emergence of the nation to a world power. Each semester.

201 Problems in Western Civilization (3 credits). Selected problems, in Western Civilization from the Ancient Near East, Greco-Roman, and early Middle Ages with emphasis on the influence of Hebrew monotheism, Athenian democracy, the Roman constitution, and Medieval society and Western thought. Not open to students who have credit in HY 101. Prerequisite: Course in high school or consent of instructor. Either semester.

202 Problems in Western Civilization (3 credits). Selected problems in Western Civilization from the High Middle Ages to 1815 with emphasis on the problems of nation making and religious and political revolutions in Western society. Not open to students who have credit in HY 102. Prerequisite: Course in high school or consent of instructor. Either semester.

203 Problems in Western Civilization (3 credits). Selected problems in Western Civilization from 1815 to the present with emphasis on the problems of nationalism, imperialism, socialism, communism, the world wars, and the post war world. Not open to students who have credit in HY 103. Prerequisite: Course in high school or consent of instructor. Either semester.

205 Lewis and Clark (2 credits). A survey of the "Corps of Discovery" from Wood River, Illinois, to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition. Alternate years, spring semester.

210 Introduction to the Study of History (3 credits). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors, liberal arts option, prior to taking any upper division history courses. Either semester.

211 The Study and Methods of Teaching History (3 credits). An introduction to the study of history for those who plan to teach. The course explores the nature of the discipline, includes practical work in historical methods, and deals with particular problems of uniting teaching methodology with substantive historical knowledge. Required of all history majors-secondary education options, prior to taking upper division history courses. Either semester.

SCHOOL OF ARTS & SCIENCES

History

251 Problems in U.S. History (3 credits). Selected problems in U.S. History from the colonial era through independence, nationalism, Jacksonianism, Civil War, and Reconstruction. Not open to students who have credit in HY 151. Prerequisite: Course in U.S. History in high school or consent of instructor. Fall semester.

252 Problems in U.S. History (3 credits). Selected problems in U.S. History from the rise of industry and labor through populism, imperialism, progressivism, world war, depression, and world leadership. Not open to students who have credit in HY 152. Prerequisite: Course in high school or consent of the instructor. Spring semester.

261 History of Minorities in the United States (3 credits). This course focuses on the problems encountered by ethnic minorities in their quest for equal opportunity and equal rights in American society. Public opinion and the national response within the framework of American History will be emphasized. Current legislation, judiciary proceedings, and power movements also will be studied. Either semester.

298 American Heritage (2 credits). An introductory course to an Eastern seaboard trip; provides a survey of the early and contemporary contributions to our American heritage. Historical and governmental sites to be visited include Williamsburg, Washington, D.C., and New York City. The credit allowance in this course is subject to the student's participating in the tour and doing the required work. The course is open on an audit basis for other interested students. Spring semester or Summer.

Upper Division

303 The Age of Absolutism and Reason (3 credits). A study of European thought in the seventeenth and eighteenth centuries: The Age of Absolutism, ideas of the *philosophes*, and the crisis of the old regime leading to revolution. Prerequisite: HY 102. Suggested additional preparation, HY 101. Either semester, alternate years.

307 Germany and the Quest for Unity, 1848-1970 (3 credits). The struggle for Germany unity in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the east" inspired by Willy Brandt. HY 103 recommended. Either semester, alternate years.

308 France and the Quest for Stability, 1814-1968 (3 credits). The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The problem will be traced through the establishment of the Fifth Republic by Charles deGaulle. HY 103 recommended. Either semester, alternate years.

309 The Renaissance (3 credits). A study of European society, economic development, artistic expression and humanism, and political concepts, with attention to both the Renaissance in Italy and in the North. Prerequisite: HY 102 or consent of instructor. Spring semester, alternate years.

310 The Reformation (3 credits). Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consideration will be given to the world wide impact of Protestantism, the Catholic Reformation, and dissident minority sects. Prerequisite: HY-102 or consent of instructor. Spring semester, alternate years.

311, 312 History of England (3 credits). First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1688. Second semester: Great Britain from the seventeenth century to the present. Either semester, alternate years.

313, 314 History of Russia (3 credits). First semester: Survey of the origins and development of the Kievan and Muscovite states to the eighteenth century. Second semester: A study of the major cultural and economic institutions as well as the growth of political power by the state from the eighteenth century to the present. HY-102, HY-103, HY-313 recommended. Either semester, alternate years.

315, 316 History of the Far East (3 credits). A survey of the major powers of the Orient — their internal political and cultural development. Either semester, alternate years.

319 Ancient Greece (3 credits). A study of the political, social, and cultural development from the Cretan civilization through the Hellenistic period, with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101 or consent of instructor. Fall semester, alternate years.

320 Ancient Rome (3 credits). Political, social and cultural history from the Etruscans to the 5th century A.D., with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101, or consent of instructor. Spring semester, alternate years.

321 Medieval History (3 credits). The political, economic and cultural development of Medieval Europe from the fifth to the fourteenth century. Prerequisite: HY-102 or consent of instructor. Suggested additional preparation, HY-101. Either semester, alternate years.

322 The Medieval Church (3 credits). A survey of the Christian Church from its apostolic foundations in the 1st century to the fully developed papal monarchy of the late 13th century. Special subjects for close examination: the internal organizational development and external expansion of the Church; the establishment of theological dogma and ethical norms; the relations of individual Christians to the world, and the organizational Church to the secular state; and the effective establishment of papal primacy over Western Christendom. Prerequisites: HY-101 or consent of instructor. Recommended: HY-321. Spring semester, alternate years.

331 Islamic Civilization (3 credits). A history of the people, institutions and cultural of the Near and Middle East from Muhammad to the decline of the Ottoman and Sefavid empires in the eighteenth century. Prerequisite: Upper Division standing. Fall semester, alternate years.

332 The Modern Middle East: Cultures in Conflict (3 credits). A history of the Near and Middle East during the Nineteenth and Twentieth Centuries; the decline of the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. Prerequisite: HY 103 recommended. Spring semester, alternate years.

334g United States Social and Cultural History (3 credits). Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. HY 151, 152 recommended. Either semester, alternate years.

335 Diplomatic History of the United States (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. HY 151, 152 recommended. Either semester, alternate years.

336 United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitutional Convention, John Marshall, Civil War, Age of Industrial Development, Progressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on the role of the Supreme Court. Prerequisite: HY 151, 152 or consent of instructor. Fall semester, alternate years.

338 History of Ireland (3 credits). The development of the concept of an Irish nationality, the effects of the long colonial relationship between Ireland and Great Britain, the struggle for Irish independence, the contemporary Ulster issue. Either semester, offered alternate years.

351 Colonial America (3 credits). Colonial rivalry in North America; an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY-151 or consent of instructor. Fall semester.

353 The National Era, 1815-1848 (3 credits). The development of American nationalism; the Era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the beginnings of sectional rivalry; and the Mexican War. Prerequisite: HY 151 or consent of instructor. Spring semester.

354 Civil War and Reconstruction (3 credits). A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: HY-151 or consent of instructor. Either semester, alternate years.

355 Western America (3 credits). The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be on the migration of people in the Trans Mississippi West. HY-151 recommended. Either semester, alternate years.

356 The Indian in American History (3 credits). Examination of the Indian's role in America's development and the impact of white society on Indian culture. The course investigates early Indian-white contacts, the development of European rivalries in North America and the Indian's part in these rivalries, and the origins of United States Indian policy. The reservation system, land policy, termination, and the current Indian dilemma are studied. Opportunity is provided for the pursuit of in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151-52. Either semester, alternate years.

357 Idaho and the Pacific Northwest (3 credits). Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. HY-151 recommended. Either semester.

358 Emergence of Modern America, 1877-1917 (3 credits). The industrial growth of the United States; emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152 or consent of instructor.

359 Recent United States, 1917 to Present (3 credits). Versailles and post-war disillusionment; boom and bust of the 20's; the Great Depression and FDR's New Deal; reappearance on the world scene; World War II and its aftermath, HY-152 recommended Spring semester, alternate years.

367 Colonial Spanish America (3 credits). The development of distinctive Spanish American societies through the merging of medieval Spanish with Amerind and African cultures in South and Middle America, all within the framework of European political rivalries. The course concludes with the independence wars of the early nineteenth century. Prerequisite HY-102. Fall semester, alternate years.

368 Spanish American Nations (3 credits). The struggle towards democracy, economic progress, and political stability of Spanish American nations since their achievement of independence. Emphasis is on the Andean, Middle American and Caribbean areas, including their relations with the United States. Prerequisite HY-367. Spring semester, alternate years.

417 United States Economic History (3 credits). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: Principles of Economics, EC 201 and EC 202, or permission of instructor. May be taken for History or Economics credit, but not for both. Either semester.

420 The Liberal Revolutions, 1776-1832 (3 credits). The restructuring of western European societies towards political democracy and freedom of economic opportunity, particularly as accelerated by the French Revolution and Napoleon. Prerequisite: HY 102. Recommended additional preparation, HY 303. Either semester, alternate years.

422 History of Socialism (3 credits). The course will examine the history of egalitarian revolutionary ideas and movements of the nineteenth and twentieth centuries. Emphasis will be given to the development of the ideas of Karl Marx, his predecessors and successors. Either semester, alternate years.

425 Twentieth Century Revolutions (3 credits). Reading and discussion of materials related to the origin and development of selected socio-cultural, intellectual, political and economic movements in the twentieth century, particularly as they relate to alternative and counter-culture proposals and liberation issues. Either semester, alternate years.

DEPARTMENT OF HOME ECONOMICS

Chairman and Associate Professor: Dr. Leda S. Scrimsher; Associate Professor: Moore; Assistant Professor: Long.

The objective of the department of home economics is to provide education of high quality for each of the student categories listed below.

- A. Students who expect to obtain a baccalaureat degree with a major in home economics (we are in the process of developing a four-year degree program).
- B. Students from other disciplines who choose to minor in home economics. Twenty-six hours of credit in home economics may be earned and applied to one's minor.
- C. Students from other disciplines who will benefit from courses in home economics, such as students in Fashion Merchandising, Nursing and Interior Decorating.
- D. Students who appreciate the wide offering of subject matter in home economics and can enjoy the opportunities for creative activity provided in selecting electives from this field.
- E. Students who are interested in preparation for home-making as a career.
- F. Students who are not primarily interested in credit but in the development of skills, such as those enrolled in our night program.

The curriculum outlined is designed for those students who are interested in a professional career in home economics. Students will learn skills and values which will enable individuals and families to be more economical with resources available to them in our country today. Students whose interest is the development of understanding and skills which will contribute to the well-being of the individual, family and community are not required to register for laboratory science.

HOME ECONOMICS CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
Laboratory Science	4	4
English Composition	3	3
Introduction to Home Economics	1	—
Clothing	—	3
Art	2	2
Textiles	—	3
Physical Education Activities	1	1
Clothing Selection	2	—
* Electives	2	1
	15	17
SOPHOMORE YEAR:		
House Planning	—	3
Introduction to Foods	4	—
Home Furnishings	3	—
Nutrition	—	3
Social Science (History, Political Science)	3	3
Microbiology	—	3
Physiology and Anatomy	5	—
Psychology	3	—
Introduction to Sociology	—	3
** Electives	—	1
	18	16
		57

432 Tudor-Stuart England (3 credits). A consideration of England during the reigns of the Tudor and Stuart monarchs of England. Among the developments in England to be treated: monarchy and the development of parliamentary government; the rise of the middle class in England; exploration and colonization and the beginnings of the British Empire; religious changes and social conflicts in England; cultural developments in England. Spring semester, alternate years.

468 History of Mexico (3 credits). This course examines cultural, social, political and economic factors affecting the historical development of the Republic of Mexico. The course is divided into three major components: (a) Historical development of Mexico from the pre-colonial period to the Wars of Independence; (b) From nationhood to the Mexican Revolution of 1910. The contributions and shortcomings of the Mexican Revolution of 1910 in the development of indigenous institutions will be the focus of this section; (c) From the Mexican Revolution to the present; and will also analyze the contributions of Mexican Revolutionary Movements in the 19th and 20th centuries. Spring semester, alternate years.

480 Seminar in U.S. History (3 credits). Selected period, topic, or problem in U.S. History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

481 Seminar in European History (3 credits). Selected period, topic, problem or area in European History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

482 Seminar in Third World History (3 credits). Selected period, topic, problem, or area in Third World History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

Graduate

500 Historians and Historical Interpretation (3 credits). An examination of the major historians and schools of historical interpretation from Classical Greece to the twentieth century. Discussions will concern the historical writers and their works as well as problems of historical knowledge and the interpretation of history. Taught by several members of the history staff, this course offers variety and interpretation from specialists in many different fields of history. Prerequisite: Admission to the graduate program or consent of the department chairman.

502 Teaching History in Secondary Schools (3 credits). An inquiry into the philosophy of history, a consideration of the relationship of the discipline to other social studies and other fields of knowledge, and a survey of various techniques available to teachers of history at the secondary school level. Prerequisite: Admission to the graduate program or permission of the department chairman.

510 History of Western Thought (3 credits). History of Western Thought beginning with the Ancient Near East to the Renaissance and Reformation. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or consent of the department chairman.

511 History of Western Thought (3 credits). History of Western Thought from 1500 to the present. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or consent of the department chairman.

520 Sources of American Values (3 credits). A study of 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 and the reaction to industrialism follow. Students then examine the evolutionary (or revolutionary) nature of a twentieth century topic of their choice; that is, the source of a contemporary political, economic, or social attitude or position. Prerequisite: Admission to the graduate program or consent of the department chairman.

580 Graduate Seminar in U. S. History (3 credits). A study of the principal themes or problems within well-defined periods or 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. Prerequisite: Admission to the graduate program or consent of the department chairman.

581 Graduate Seminar in European History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of European history. Primary 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. Prerequisite: Admission to the graduate program or consent of the department chairman.

582 Graduate Seminar in Third World History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of Third World history. The Third World scope includes Latin America, Far East, Middle East and Africa. Primary 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. Prerequisite: Admission to the graduate program or consent of the department chairman.

591 Project (3 credits).

593 Research and Thesis (6 credits).

COURSES

HE HOME ECONOMICS

Lower Division

101 Introduction to Home Economics (1 credit). Designed to acquaint the freshman student with the field of home economics. Emphasis on opportunities in the professional fields, organization of program, choice of vocation, personal qualifications for living and working with people. One hour discussion each week. Fall semester.

103 Clothing (3 credits). Designed for students interested in clothing construction involving basic, intermediate and advanced projects selected according to the students' creativity, ability, and interest. There will be emphasis on current speed techniques and solution of individual fitting problems. One hour lecture and two 3-hour laboratory periods each week. Each semester.

107 Clothing and The Individual (2 credits). A study of the sociological and psychological foundations of clothing selection emphasizing principles of design as related to the individual's figure proportions, personality and need. Study of selection, purchase and care of ready-to-wear apparel, fabrics and accessories. Two hours lecture per week. Each semester.

109 Textiles (3 credits). Study of material and synthetic textile fibers, yarns and fabrics; selection of appropriate fabrics for various uses, considering wearing qualities and care required. Study will also be made of the relationship of raw materials, construction, and finish to quality and cost. Major textile laws and regulations will also be considered. Two hours lecture and one 2-hour laboratory each week. Spring semester.

111 Fashion Analysis and Design (2 credits). A course designed for the study of costume throughout history and its effect on today's fashions, a comprehensive study of design and its functional role; analysis of the figure and how to solve related problems through design, fabric selection and color. Contributions of fashion designers and opportunities in designing and related fields will also be studied. Two hours lecture each week. Fall semester.

203 House Planning (3 credits). Basic considerations in house planning for economy, comfort, convenience, and beauty. Evaluation of plan in relation to family needs, interior and exterior design, materials, financing and methods of construction. Housing in relation to the family and community. Three hours lecture each week. Spring semester.

207 Nutrition (3 credits). Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed. Three lectures each week. Open to all students. Fall semester.

208 Food and the Individual (4 credits). A lecture, lab class in which assessment is made of the interrelationships of the nutritive value of foods, principles of food preparation and the human body. Laboratory experience includes approved techniques of food preparation to retain nutrients and enhance aesthetic qualities. Sanitary standards and procedures for handling food products will be stressed. Effective use of material, time, energy and money will also be studied. Prerequisite: HE 207 or may be taken concurrently. Two hours lecture and two 3-hour laboratory periods each week. Fall semester.

Upper Division

303 Tailoring (3 credits). Basic principles used in garment construction applied through actual construction of a suit, coat or pants suit. At least one garment done using wool; other garment could be a choice between knit or woven fabric. Common fitting problems are studied and solutions derived. A personal master pattern is developed to fit students' personal need. Current tailoring techniques are stressed. Prerequisite: HE 103, HE 107, HE 109. Two 3-hour laboratory periods each week. Spring semester.

305 Home Furnishings and Interior Design (3 credits). The primary emphasis of the course is planning home interiors. Study consists of: analysis of life styles, basic needs, space division, color and design, furniture selection, floor coverings, major structural elements and enrichment. The extended environment and historical heritage are also studied. Prerequisite: AR 105. Three hours lecture each week. Fall semester.

DEPARTMENT OF MATHEMATICS

Chairman and Associate Professor: Dr. William P. Mech; *Associate Chairman and Associate Professor:* Dr. Robert C. Juola; *Professors:* Maloof, Takeda; *Associate Professors:* Anderson, Ferguson, Furuyama, Hughes, Kerr, Lamet, Sulanke, Tucker, Ward, Winans, Young; *Assistant Professors:* Ball, Kenny, Smartt, Sugiyama.

The Department of Mathematics provides two bachelor's degree programs. The Curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The master's program is to provide advanced education for junior and senior high school mathematics teachers.

REQUIREMENTS FOR MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Programs

I. Mathematics Degree:

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements

Lower Division

- Calculus through M-206 or M-212
- M-124 (Digital Computer Programming)
- M-225 (Applied Fortran Programming) or M-226 (Assembler Language)

Upper division mathematics: 27 or more credits

One or more of:

- M-301 Linear Algebra (4)
- M-302 Intro. to Abstract Algebra (3)
- M-306 Number Theory (3)

One or more of:

- M-314 Foundations of Analysis (3)
- M-406 Complex Variables (3)

One or more of:

- M-361 Fundamentals of Statistics (4)
- M-362 Probability Theory (4)
- M-431-432 Probability and Statistics (6)

Three or more semester courses, including a sequence, at the 400 level (9-12)

M-406 or M-431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

The particular mathematics courses used to satisfy the degree requirement may be chosen from specific courses in such areas of mathematics as: computer programming, applied mathematics, statistics, and theoretical mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

Students interested in engineering can form a program leading to a Bachelor's degree in mathematics. This program could include many of the upper division physics or engineering courses offered at B.S.U. and satisfy most of the mathematics requirements with application oriented mathematics courses.

A mathematics degree program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the mathematics major, and M-124, M-226 and M-451.

The equivalent of a Bachelor's degree in statistics can be obtained by the student who is interested in statistics or in mathematical applications to business, biology, or physical science. This can be done through the proper selection of electives including M-431 and M-432.

For students preparing for graduate work in a mathematical field, both M-401-402 and M-441-442 are recommended. Additional courses should be selected with his advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements
 - Calculus through M-206 or M-212
 - M-124 (Digital Computer Programming)

Upper division mathematics

- M-301 Linear Algebra (4)
- M-302 Intro. to Abstract Algebra (3)
- M-311 Foundations of Geometry (3)

- M-314 Foundations of Analysis (3) or M-406 Complex Variables (3)
M-361 Fundamentals of Statistics (4) or M-362 Probability Theory (4) or M-431-432 Probability and Statistics (6)
M-490 Mathematics in Secondary Schools (3)
- Electives (Recommended: M-225, M-226, M-306, M-312)
 - Education Requirements (See Part V) 20 credits (M-490 counts as an education elective)
 - A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

In order for students to complete the requirements for the *Secondary Education degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.*

Secondary Education Degree

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Calculus M-112, 205 or M-211, 212	5	4-5
Degree Electives	8	9-8
	<u>16</u>	<u>16</u>
SOPHOMORE YEAR:		
Calculus M-206	0-4	—
Programming M-124	—	2
General Psychology	3	—
Foundations of Education	—	3
Linear Algebra M-301	—	4
Elective	9-13	7
	<u>16</u>	<u>16</u>
JUNIOR YEAR:		
Foundations of Analysis M-314	3	—
Intro. to Abstract Algebra M-302	—	3
Fundamentals of Statistics M-361 or Probability Theory M-362	—	4
Educational or Adolescent Psychology	3	—
Elective	12	9
	<u>18</u>	<u>16</u>
SENIOR YEAR:		
Secondary School Methods	3	—
Foundations of Geometry M-311	3	—
Mathematics in Secondary Schools M-490	3	—
Secondary Student Teaching	6	—
Education Elective	—	2
Electives	—	13
	<u>15</u>	<u>15</u>

Teaching Minor in Mathematics

(Suggested Program)

20 credits to include:

M-124	2 credits
M-112 or 211	5 credits
M-205 or 212	4-5 credits
One of M-302	3 credits
M-306	3 credits
M-311	3 credits
M-361	4 credits
M-362	4 credits

3 or 4 credits

Students who plan to teach in high school are recommended to take M-206 and a second of the 300 level courses listed above. All students are advised to contact a member of the mathematics faculty for assistance in planning a program.

MASTER'S IN SECONDARY EDUCATION WITH MATHEMATICS EMPHASIS*

- A. The Master of Secondary Education with a Mathematics emphasis may be attained through any of the following 3 options.
- The 30-hour "course-work option"
 - Secondary Education Core 6 credits
 - Mathematics Emphasis 12 credits
 - Free electives 9 credits
 - An additional 3-credit course in mathematics and a comprehensive written examination over all mathematics course work 3 credits
 - An oral examination over all mathematics course work included in the Master's Program.
 - The 33-hour "project option" is the same as the "course-work option" parts (a) through (d) with the addition of M-591
 - The 33-hour "thesis option" is the same as the "course-work option" parts (a) through (d) with the addition of M-593.
- B. Mathematics Requirements
- Required Courses
 - M-501,502 Real Analysis I, II or M-541, 542 Modern Algebra 6 credits
 - M-598 Seminar in Mathematics 3 credits
 - Elective Courses

Additional courses as planned by the student and his graduate committee to meet program requirements.
- C. Additional Information
- Credit in Workshop (594 or 599) is limited to a total of 3 credits to be applied to partial fulfillment of the requirements for the emphasis in Mathematics.
 - Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate mathematics may apply to challenge, waive, or replace parts of the emphasis requirements.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSES

M MATHEMATICS

Lower Division

- 012 Arithmetic Review** (0 credits). Fundamental operations with real numbers, linear equations and stated problems. Review of elementary geometry and weights and measures including the metric system. For students with little or no algebra or geometry who want to review school mathematics. Each semester.
- 020 Algebra Review** (0 credits). A refresher course for students in education engineering, science, or business. Algebra is covered from first fundamental operations through the level required for M-103, 105, 111 or 115. Each semester.
- 100 A Cultural Approach to Mathematics** (4 credits). Designed for liberal arts students. The course provides an opportunity to acquire an appreciation of the nature of mathematics and its relations to other aspects of our culture. The humanistic aspect of mathematics is emphasized to help cultivate creativity and abstract thought processes that are rigorous but not rigid. Prerequisite: A year of high school mathematics, or consent of instructor. Each semester.
- 103-104 Mathematics for Elementary Teachers** (3 credits). Fundamental concepts of mathematics including the study of place value and basis, arithmetic operations, the postulates for the set of real numbers, and fundamental algebraic and geometric principles. Designed for elementary teachers. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by a test given on the first meeting of M-103. Each semester. Placement test over the materials of M-012. Each semester.
- 105 Fundamental Concepts of Mathematics** (4 credits). Sets, logic, basic analysis, matrices, linear programming, the simplex method, elementary game theory. Designed primarily for non-science students. Prerequisite: M-020 or two years of high school algebra, or one year of high school algebra and a satisfactory placement score. Placement will be determined by a test given on the first meeting of M-105 and by the ACT mathematics subscore. Each semester.
- 106 Fundamental Concepts of Mathematics** (4 credits). Calculus; introduction to probability and statistics, introductory ideas from Operations Research. Designed primarily for non-science students. Prerequisite: M-105 or M-111. Each semester.
- 111 Algebra and Trigonometry** (5 credits). Selected topics in college algebra & trigonometry. The course will prepare the student for calculus. Prerequisite: the passing of a placement test in algebra or a grade of "satisfactory" in M-020. Each semester.

SCHOOL OF ARTS & SCIENCES

Mathematics

112 Calculus and Analytic Geometry (5 credits). Analytic geometry of the straight line, functions, limits, continuity, differentiation of algebraic functions with applications, definite and indefinite integrals with applications. Prerequisite: Skill in algebra and basic knowledge of trigonometry. Each semester.

115-116 Mathematics for the Life Sciences (5 credits). Designed primarily for students in the life sciences. Functions and their graphs, curve fitting, systems of equations, trigonometry of triangles, discrete state probability, calculus, continuous state probability, and statistics. Prerequisite: Two years of high school math, or equivalent, and satisfactory placement score. Placement to be determined by a test given on the first meeting of M-115 and by the ACT mathematics subscore. Each semester.

124 (EN-104) Digital Computer Programming (2 credits). Course for engineering, science or mathematics majors to introduce programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-106 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-124 and EN-104. Each semester.

205 Calculus and Analytic Geometry (4 credits). Transcendental functions, methods of integration, determinants, matrices and linear equations, analytic geometry of conics, polar and parametric equations. Prerequisite: M-112 or the passing of a placement test over the material of M-112. Each semester.

206 Calculus and Analytic Geometry (4 credits). Solid analytic geometry, vectors, series, partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: M-205. Each semester.

211-212 Accelerated Calculus (5 credits each). Analytic geometry, functions, limits, differentiation and integration with applications; transcendental functions, methods of integration. Vectors, solid analytic geometry, vector functions, partial derivatives, multiple integration, series, introduction to differential equations. This course is essentially an accelerated version of the three semester sequence M-112, M-205, M-206. Prerequisite: Any of M-106, M-111, M-116 with grade of A, or strong high school background. Yr course M-211 Fall M-212 Spring.

225 (EN-225) Applied Fortran Programming (2 credits). A general course to illustrate advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: M-124 (EN-104) and M-205. Credit cannot be obtained for both M-225 and EN-225. Fall semester.

226 Assembly Language (4 credits). Assembler language for the IBM System-360-370. Binary integer, floating point, and decimal arithmetic are considered. Other topics include the writing of subroutines, editing, looping and address modification. Non-academic applications are considered, and an introduction to RPG is included. Prerequisite: M-124 (EN-104) Spring semester.

301 Linear Algebra (4 credits). Linear algebra, vector spaces and matrices. Prerequisite: M-206 or 212. Each semester.

302 Introduction to Abstract Algebra (3 credits). Sets, Boolean algebra, integral domains, groups, fields, rings and ideals. Prerequisite: M-205 or 212. Spring semester.

306 Number Theory (3 credits). Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-205 or 212. Spring semester.

311 Foundations of Geometry (3 credits). Euclidean, non-Euclidean, and projective geometries from an axiomatic point of view. Prerequisite: M-205 or 212. Fall semester.

312 Combinatorial Geometry (3 credits). Study of geometry of curves and surfaces in Euclidean spaces. Maps, networks, topological equivalence of figures. Jordan Curve Theorem, topological spaces metric spaces. Prerequisite M-205 or 212. Spring semester, odd numbered years.

314 Foundations of Analysis (3 credits). Logic, Axiomatics, Sequences, Foundations of Calculus, Structure of the Real Numbers. Prerequisite: M-206 or 212. Each semester.

321 Advanced Engineering Mathematics (4 credits). Ordinary differential equations with emphasis on closed form and series solutions; transform methods and electrical and mechanical circuit differential equations; Fourier series and harmonic analysis; Vector calculus with line and surface integrals. Prerequisite: M-206 or 212. Spring semester.

331 Differential Equations (4 credits). Ordinary and partial differential equations with applications to physical sciences and engineering. Emphasis on numerical methods for solution. Prerequisites: M-124 (EN-104) and M-206. Recommended M-225 (EN-225) or M-126. Fall semester.

340 Numerical Analysis (4 credits). The application of numerical methods, to interpretation and analysis of data; general iterative methods; approximation of functions, error analysis; solution of equations with the implementation of computer programming. Fortran programming, will be utilized. Prerequisite: M-124 (EN-104), M-206 or 212. Spring semester.

361 Fundamentals of Statistics (4 credits). Probability and random variable on finite sets. Distributions. Central limit theorem. Descriptive Statistics. Regression and Correlation. Tests of hypotheses. Design of experiments and sampling surveys. Prerequisite: One of M106, M116, M205 or M212. Spring semester.

362 Probability Theory (4 credits). The algebra of sets, set functions, probability functions, random variables, distributions, densities, generating functions, conditional probability, Markov's inequality, central limit theorem, strong and weak laws of large numbers. Prerequisite: One of M106, M116, M205 or M212. Spring semester.

401-402 Advanced Calculus (3 credits). The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, transformations, infinite series. Prerequisite: M-314. Sequence beginning each Fall.

406 Theory of Functions of a Complex Variable (3 credits). Complex numbers, point sets, functions of a complex variable, analytic functions, infinite series, integration, conformal mapping. Prerequisite: M-206 or 212. Fall semester.

411 Introduction to Topology (3 credits). Sets, metric spaces, topological spaces, continuous mappings, connectedness, function spaces. Prerequisite M-314. Spring semester, even numbered years.

421-422 Applied Mathematics (4 credits). Partial differential equations of mathematical physics, conformal mapping, transform methods, integral equations, matrix problems. Prerequisite: M-321. Sequence beginning Fall of odd numbered years.

431-432 Probability and Statistics (3 credits). Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, central limit theorem, stochastic processes, estimation and testing of hypotheses. Prerequisite: M-206 or 212. Sequence beginning each Fall.

441 Abstract Algebra I (3 credits). Homomorphisms, prime ideals, prime radical, ring of endomorphisms, irreducible rings of endomorphisms, R-modules, Jacobson radical, descending chain condition. Prerequisite: M-301, M-302. Fall semester, even numbered years.

442 Abstract Algebra II (3 credits). Polynomial rings, simple extensions, algebraic extensions, splitting fields, separable extensions, automorphisms of fields, normal extensions, Galois theory, finite fields, generic polynomials. Prerequisites: M-301, M-302. Spring semester, odd numbered years.

451 Systems Programming (4 credits). Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M-126 and M-206 or 212. Fall semester.

456 Linear Programming (4 credits). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M-301. Spring semester, alternate years.

490 Mathematics in Secondary Schools (3 credits). Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of Mathematics completed at, or above, the three hundred level. Fall Semester.

Graduate

501-502 Real Analysis I, II (3 credits each). 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. Prerequisite: M-314 or consent of the instructor. Summer.

503 Algebraic Systems (3 credits). Number systems and other algebraic systems from a modern point of view. The emphasis will be on the concept of algebraic structures. Prerequisite: M-104. Fall semester.

504 Geometric Concepts (3 credits). Informal geometry and topology. The emphasis will be on problem solving techniques and pattern recognition. Prerequisite: M-104. Spring semester.

M-505 Foundations of Mathematics (3 credits). 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. Prerequisite: M-302 or consent of instructor. Fall semester.

M-511 General Topology (3 credits). Sets, separation axioms, topologies, connectedness, compactness, generalized convergence, continuity, product spaces. Prerequisite: M-401 or M-501 or consent of instructor. Summer and Fall semester.

M-541 Abstract Algebra I (3 credits). Mappings, the Integers, Semigroups, Groups, Subgroups, Rings. Prerequisite: M-301 and M-302 or the consent of the instructor. Summer.

M-542 Abstract Algebra II (3 credits). Integral Domains, Polynomial Rings, Principal Ideal Domains, Prime Ideals, Maximal Ideals, Modules, Chain conditions, Fields, Field Extensions, Galois Theory. Prerequisites: M-541 or consent of the instructor. Summer.

547 History of Mathematics (3 credits). The course is designed for mathematics teachers in the secondary schools. 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. Prerequisite: consent of the instructor. Fall semester.

561 Mathematics for Operations Research (4 credits). An introduction to mathematical techniques commonly used to solve problems which call for a decision based on evaluation of several variables. Matrices, calculus, probability and statistics from the user's point of view. Solution of deterministic problems by linear and non-linear programming and the simplex method with emphasis on applications in management decision situations. Introductory dynamic programming as a method for solution of stochastically controlled systems. Prerequisite: Consent of instructor. Summer, Fall semester.

564 Mathematical Modeling (3 credits). A brief introduction to digital computer programming in FORTRAN or BASIC. Difference equations, their solutions, stability, equilibrium values, and their use in computer simulation. Applications to demography and economics. Prerequisite: Consent of instructor. Summer.

571 Mathematics Curriculum: 7-12 (3 credits). 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. Prerequisite: one year's experience in teaching junior or senior high mathematics. Spring semester.

593 Thesis (3 to 6 credits). The scholarly pursuit of original work in mathematical research or the formulation of a new interpretation or novel exposition of extant mathematics. Prerequisite: admission to candidacy.

595 Reading and Conference (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. Prerequisite: admission to candidacy.

591 Project (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. Prerequisite: admission to candidacy.

598 Seminar in Mathematics (3 credits). 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. Each semester.

DEPARTMENT OF MUSIC

Chairman and Professor: Mr. Wilber D. Elliott; *Associate Chairman and Associate Professor:* Oakes; *Professors:* Best, C.G. Bratt, Meyer, Taylor; *Associate Professors:* Baldwin, Cleveland, Shelton; *Assistant Professors:* J.W. Bratt, Hopper, Hsu, Russell; *Instructors:* Baldassarre, Blood, Thomason; *Special Lecturer:* Stern (Conductor-in-Residence).

Gifts and Memorials to the Music Department

The Music Department has been the recipient of many fine gifts of instruments, music and record collections from friends and supporters of the Department. In the Music Auditorium is housed the J.W. Cunningham Memorial Pipe Organ, a three-manual Austin organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Meas-Rowe. Given as a memorial to her husband by Mrs. Velma Morrison, the Grand Symphony Carillon system chimes the hours and half-hours and twice daily plays a short program of carillon music. A familiar but unusual gift, seen in area parades and at home football games, is the BSU calliope, given by Mr. Michael A. Compton.

Other gifts to the Music Department include several grand pianos, electronic equipment, instruments, record collections and music. The Music Department is grateful to these donors who have given so generously:

*Dr. and Mrs. Robert deNeufville
Alice Gould
Dr. and Mrs. Arthur C. Jones
Senator Len Jordan
Bryant S. Martineau
Marjorie Palmquist
Mr. and Mrs. Edward Utley
Mrs. Eli Weston*

REQUIREMENTS FOR MUSIC MAJOR

Bachelor of Arts Program

A. Completion of general college requirements for the Bachelor of Arts degree as found on page 17 of the catalog.

B. Minimum Music Requirements:

Performance Studies	8
Materials of Music I, II, III, IV	12
Beginning and Advanced Ear Training	4
Music History/Literature Courses	6
Ensemble	4
Concert Class (each semester)	0
Performance, Theory, Music Education, or General Music Electives	10
Senior Recital* or Senior Project**	1
Total	45

* Senior Recital option requires approval of the student's private instructor. Senior Recital (MA-444) requires a minimum of 3 years of study or equivalent in the area prior to enrolling.

** An Independent Study terminal project under faculty supervision and with the approval of the Department Chairman in the areas Theory, Music History/Literature, or Music Education.

MUSIC MINOR

The Music Department will recognize as a minor in music (in conjunction with a major in a non-music area) a minimum of 20 hours of music credits completed. Emphases are possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student's curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

MUSIC MAJOR IN PERFORMANCE, THEORY-COMPOSITION, AND MUSIC EDUCATION

Bachelor of Music Program

- The Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a preprofessional degree.
- The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepares the students for graduate work in Music Education.

- All full-time music students will be required to attend Concert Class during each semester of residency at Boise State University. (See course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA-444, 445, or 446 recitals are exempt from faculty jury during the semester in which the recital is given.
- All Bachelor of Music non-keyboard majors, no later than the end of the Junior year, are required to pass one of the levels in the Piano Proficiency examination before a faculty committee. The particular level is determined by the student's major. A grade of C or better in MU213 will meet levels I and II requirements for Music Education Majors. A grade of C or better in MU 314 will meet level III requirements for Performance and Theory-Comp majors. Details are available from the Music Department.
- All Bachelor of Music Majors are required to register for one of the three major ensembles (band, choir, or orchestra) each semester, totalling a minimum of 8 credits over a normal 4-year course of study, except that performance majors in Piano, Voice or Guitar will take only 6 credits of major ensembles. Piano performance majors will take 2 credits of accompanying (ME 180, 380) toward the required 6 credits. Guitar majors may take 2 credits of Guitar Ensemble (ME 167, 367) toward the required 6 credits. Other ensembles may be taken as electives in addition to the required major ensembles.
- The following Core of Music Courses will be included in all Bachelor of Music curricula:

Concert Class (Attendance required each semester of residency - see MA 010 course description for details)	0
Materials of Music I, II, III, IV and Ear Training (L.D.)	16
Basic Conducting (L.D.)	1
Ensemble	6-8 ¹
Elements of Form (Upper Division)	3
Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 17)	12
a. History and Lit. of 20th Century (MU 306)	3
b. Other Music History selected from MU 305, 307, 309, 310	9
	40

I. Performance Emphasis Requirements

CREDITS

- General University and Basic Core Requirements (including 3 credits of Music History in Area I) . . . 29-32
- Music Requirements:
 - Music Core 38-40
 - Lower Division Performance Studies 14
 - All Performance Majors will take 2 credits of Performance Studies the first semester Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.
 - Upper Division Courses 29-34
 - Performance Studies 16
 - Keyboard Harmony and Basic Improvisation 4
 - Counterpoint 4
 - Choral or Instrumental Conducting 1²
 - Major Instrument Literature 2³
 - Major Instrument Pedagogy I & II 4³
 - Advanced Form and Analysis 2
 - Senior Recital 2
- Electives 13-16
 - Organ Majors must include MU 413-414, 4 cr.
 - Voice Majors must include 1 semester of MU 147, 1 credit
 - Other electives may be chosen from any area.

Total: 128

61

SCHOOL OF ARTS & SCIENCES

Music

II. Theory-Composition Emphasis Requirements

1. General University and Basic Core Requirements (including 3 credits of Music History in Area I) . . .	29-32
2. Music Requirements:	
A. Music Core	40
B. Lower Division Courses	16
Performance Major Studies	8
Performance Minor Studies (To be piano, unless major is a keyboard instrument)	8
C. Upper Division Courses	32
Performance Major Studies	4
Advanced Form and Analysis	2
Band and Orchestra Arranging	4
Canon and Fugue	2
Choral and Instrumental Conducting	2
Continuo Realization and Improvisa- tion	4
Counterpoint	4
Keyboard Harmony and Basic Improv	4
Music Composition	4
Senior Composition Recital or Music Seminar	2
3. Electives (Any Area)	11-14
	Total: 128

III. Music Education Emphasis Requirements

(Fulfillment of the requirements below will qualify the student for Idaho State Certification in Secondary Schools and as an Elementary School Music Specialist.)

1. General University and Basic Core Requirements (including 3 credits of Music History in Area I) . . .	29-32
2. Music Requirements:	
A. Music Core	40
B. Lower Division Courses	15
Performance Major Studies	8
Functional Piano	2
Instrumental Techniques & Methods	4
Orientation to Music Ed.	1
C. Upper Division Courses	23
Performance Major Studies	8
Band & Orchestra Methods & Materials	2
Band Arranging	2
Choral and Instrumental Conducting	2
Choral Methods and Materials	2
Instrumental Techniques and Methods Teaching Music in the Elementary Classroom	4
One-half Senior Recital	2
D. Education School Requirements	12
(General Psych — Area II)	(3)
(Educational Psych — Area II)	(3)
Foundations of Education	3
Secondary School Methods	3
Practice Teaching	6
3. Electives (Any Area)	9-12
	Total: 128

¹ Performance Emphasis Majors in Piano, Voice or Guitar will take 6 credits. Piano Majors will include 2 credits of accompanying
² Not required of Piano, Voice or Guitar Performance Emphasis Majors.
³ Required of Piano, Voice or Guitar Performance Emphasis Majors.

MASTER'S DEGREE IN SECONDARY EDUCATION*

Music Emphasis

Admissions and Program

A. The Master's Degree in Secondary Education, Music Education emphasis, is designed to meet the needs of the practicing junior high or high school music specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the

degree must either be currently certified as a secondary school music specialist, or agree to begin the process toward attaining this certification while working on the degree. Before Advancement to Candidacy can be granted, the student must ordinarily show eligibility for certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university, and who give promise of meeting the standards set by the Music Department.

B. All regular and provisional graduate students will be required to take diagnostic examinations during the first part of their first semester in attendance. The purpose of these examinations is to determine the student's strengths and weaknesses so that the student and his committee will be able to set up a program according to the student's needs. The examinations will be in the areas of music education, music theory, music history, and performance. The results of these examinations will be interpreted by the Music Department Faculty. The student's Advisor will consult with the student about action towards remedying any deficiencies. Any undergraduate course used to make up the deficiencies will not count toward the Master's Degree. A student who has any deficiencies will be granted Provisional Status only, in the graduate program; when all deficiencies are removed, he may then seek Regular Status. A description of the material covered on these examinations is available from the Music Department.

Course Offerings*

A. Required Courses

1. MU-503 Introduction to Research Materials in Music Education (3 credits)
2. MU-570 New Development in Music Education (3 credits)
3. Culminating activity** or additional course work (3-6 credits)
4. TE-560 Secondary Education Core courses (6 credits)
5. Total hours: (30-33 credits)

B. Elective Courses

Additional courses as planned by the student and his graduate committee.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.
 ** A thesis or final project

COURSES

MA MUSIC APPLIED — PERFORMANCE STUDIES

- Major Area practice requirements:
 For 4 hrs. credit—18 hrs. practice per week.
 For 2 hrs. credit—12 hrs. practice per week.
- Minor Area practice requirements:
 For 2 hrs. credit—6 hrs. practice per week.

010 Concert Class (no credit). The class meets weekly. Required of all full-time Music Majors and Minors, but attendance is open to any person. Minimum attendances per semester: 10 sessions for all Music Majors; 6 sessions for all Music Minors. As a part of this course, attendance at a minimum of 5 Music Department-sponsored, on-campus concerts-recitals is required. Participation in the concert-recital will not constitute attendance for meeting this requirement. Each semester.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equivalent of the lower division level and must have passed the Junior Standing Proficiency Exams for those studies. All MA courses may be repeated for credit. Students transferring into the Music Department as music majors from some other college, university or conservatory, or from another department within BSU and requesting advanced standing in performance must successfully complete a performance examination before a faculty jury prior to the possible granting of such advanced standing. Details may be obtained from the music office.

Strings

171, 371 Violin — 2 credits	Each semester
172, 372 Violin — 4 credits	Each semester
161, 361 Viola — 2 credits	Each semester
162, 362 Viola — 4 credits	Each semester
121, 321 Cello — 2 credits	Each semester
122, 322 Cello — 4 credits	Each semester
123, 323 String Bass — 2 credits	Each semester
124, 324 String Bass — 4 credits	Each semester

Guitar

125, 325 Guitar — 2 credits	Each semester
126, 326 Guitar — 4 credits	Each semester

127 Beginning Guitar Class (1 credit). This is a course in the technical fundamentals involved in playing the acoustical guitar for the beginner. Making use of popular and folk songs, the course is based on written notation and aural instruction, stressing chordal playing and correct posture and holding positions. Students are required to provide their own instrument. Meets twice a week. May be repeated once for credit. Each semester.

128 Intermediate Guitar Class (1 credit). A continuation of MA 127. Emphasis is given to understanding fret-board theory, reading musical notation for the guitar and solo playing. The concept of form levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 127 or permission of instructor. Each semester.

327 Advanced Guitar Class (2 credits). A study of musical and technical problems inherent in solo guitar playing. Chord construction and progression are studied in depth through intervallic analysis and functional harmonic relationships. Theoretical principals of guitar transcriptions are covered and improvisation is introduced. Meets three times a week. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

328 Jazz Guitar Class (1 credit) A course in jazz improvisation for the guitarist with at least 1 year of playing experience. The use of the guitar in jazz is approached within a historical perspective beginning with the 1930's. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

Brass

109, 309 Applied Brass — 2 credits	Each semester
110, 310 Applied Brass — 4 credits	Each semester
111, 311 Horn — 2 credits	Each semester
112, 312 Horn — 4 credits	Each semester
113, 313 Trombone — 2 credits	Each semester
114, 314 Trombone — 4 credits	Each semester
115, 315 Trumpet (or Baritone) — 2 credits	Each semester
116, 316 Trumpet (or Baritone) — 4 credits	Each semester
117, 317 Tuba — 2 credits	Each semester
118, 318 Tuba — 4 credits	Each semester

Woodwinds

189, 389 Applied Woodwinds — 2 credits	Each semester
190, 390 Applied Woodwinds — 4 credits	Each semester
191, 391 Bassoon — 2 credits	Each semester
192, 392 Bassoon — 4 credits	Each semester
193, 393 Clarinet — 2 credits	Each semester
194, 394 Clarinet — 4 credits	Each semester
195, 395 Flute — 2 credits	Each semester
196, 396 Flute — 4 credits	Each semester
197, 397 Oboe (or English Horn) — 2 credits	Each semester
198, 398 Oboe (or English Horn) — 4 credits	Each semester
199, 399 Saxophone — 2 credits	Each semester
200, 400 Saxophone — 4 credits	Each semester

Organ

131, 331 Organ — 2 credits	Each semester
Prerequisite: Level 3 Piano proficiency.	
132, 332 Organ — 4 credits	Each semester
Prerequisite: Level 3 Piano proficiency.	

Percussion

141, 341 Percussion — 2 credits	Each semester
142, 342 Percussion — 4 credits	Each semester

Piano

150 Piano Class — 1 credit	Each semester
Maximum 2 credits allowed.	
151, 351 Piano — 2 credits	Each semester
152, 352 Piano — 4 credits	Each semester

Voice

180 Voice Class — 1 credit	Each semester
Maximum 2 credits allowed.	
181, 381 Voice — 2 credits	Each semester
182, 382 Voice — 4 credits	Each semester

410 Music Composition (2 credits). Instruction and supervised experience in composing for various instruments and voices, individually and in combination, utilizing small and large musical forms. May be repeated for a total of 8 credits. Prerequisite: Permission of instructor. Each semester.

444 Music Education-Bachelor of Arts Senior Recital (1 credit). All students under the Music Education Emphasis will be required to present a half (1/2) recital in their performance major area during their senior year. This recital may also serve the Bachelor of Arts Music Major program. Prerequisite: three years or its equivalent of study in the area. Each semester.

445 Recital (2 credits). Music Performance majors may elect to perform a solo recital for two credits prior to the required senior solo recital at any time subsequent to the freshman year. The student must have permission of his teacher and the chairman of the music department. Each semester.

446 Senior Performance Recital (2 credits). Students majoring in Performance Studies will be required to present a senior recital on their major instrument. Prerequisite: Major in Performance and permission of the student's supervising private teacher. Each semester.

447 Senior Composition Recital (2 credits). A recital for the performance of original compositions by the Theory-Composition Major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition Majors. Prerequisite: Major in Theory-Composition and permission of supervising faculty member. Each semester.

GRADUATE LEVEL PERFORMANCE STUDIES

Private lesson study in voice or on keyboard, string, wind or percussion instruments.

Students will be assigned on the basis of the audition. Performance, technical study, musical interpretation, literature and teaching technique will be stressed.

All MA-500 level courses are repeatable for credit to a maximum of 6 credits.

MA580 Applied Brass	(2 credits)
MA581 Applied Strings	(2 credits)
Violin, Viola, Cello, String Bass, and Guitar	
MA582 Applied Keyboard	(2 credits)
Piano, Organ, Harpsichord	
MA583 Applied Percussion	(2 credits)
MA584 Applied Voice	(2 credits)
MA585 Applied Woodwinds	(2 credits)
Flute, Oboe, Clarinet, Saxophone, Bassoon, Recorder	

ME MUSIC, ENSEMBLE

All ME Courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

101, 301 University Singers (1 credit). A general chorus open to all college students. No audition is necessary. Major choral works from all periods will be sung. Public performance(s) will be expected each semester. Concurrent enrollment in ME 105, 305 prohibited. Maximum credits: ME 101 and-or ME 301, 8 cr. Each semester.

105, 305 Meistersingers (1 credit). Essentially a course in unaccompanied singing which is open to all college students. The Meistersingers is the concert-touring choir of the University. Concurrent enrollment in ME 101, 301 is prohibited. Prerequisite: Enrollment is by audition and Music Department approval. Maximum credits: ME 105, and-or ME 305, 8 cr. Each semester.

110, 310 Vocal Ensemble (1 credit). A course designed to promote participation in the repertoire knowledge of music for small vocal ensembles. Literature will include music of all periods. Varying groups will be established as demand warrants. A public performance can be expected each semester. Prerequisite: Permission of instructor and concurrent enrollment in ME 101, 301 or ME 105, 305. Maximum credits: ME 110, and-or ME 310, 8 cr. Each semester.

120, 320 Band (1 credit). An elective open to all students who can play a band instrument. Maximum credits: ME 120, and-or ME 320, 8 cr. Each semester.

125, 325 Brass Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge for small brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and-or ME 325, 8 cr. Prerequisite: permission of instructor. Each semester.

126, 326 Jazz Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of jazz ensemble. Includes performance of Dixieland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of problems of rhythm, notation, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: consent of instructor. Maximum credits: ME-126, and-or ME-326, 8 cr. Each semester.

130, 330 Woodwind Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge for small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130, and-or ME 330, 8 cr. Prerequisite: permission of instructor. Each semester.

140, 340 Percussion Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Prerequisite: consent of instructor. Maximum credits: ME-140 and-or ME-340, 8 cr. Each semester.

141-341 Keyboard Percussion Ensemble (1 credit). In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of phrasing, mallet selection and application, general ensemble techniques, musical style and interpretation, and repertoire. Students will also be encouraged to compose original music and/or arrange or adapt existing music for the ensemble. Each semester.

150, 350 Orchestra (1 credit). The Boise State University Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and-or ME 350, 8 cr. Each semester.

SCHOOL OF ARTS & SCIENCES

Music

160, 360 String Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge for small string ensembles. A public performance is required each semester. Maximum credits: ME 150, and-or ME 360, 8 cr. Prerequisite: permission of instructor. Each semester.

167, 367 Guitar Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Prerequisite: Second year playing proficiency and permission of instructor. Maximum credits: ME 167 and-or 367, 8 cr. Each semester.

180, 380 Accompanying (1 credit). Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum credits: ME 180 and-or ME 380, 8 cr. Each semester.

185, 385 Duo-Piano Ensemble (1 credit). A basic survey of duo-piano literature from the Baroque to the present. The student will learn how to cope with ensemble problems encountered in rehearsal and performance. Class sessions will consist of performance, listening and discussion. One paper will be prepared by each student. A public performance will be presented. Meets once a week, but at least one hour per week of outside preparation is expected of the student. Prerequisite: Consent of instructor. Maximum credits: ME 185 and-or 385, 8 credits

Graduate

510 Choral Ensemble (1 credit). A general chorus open to all interested students. The format of the class will be directly related to the size of enrollment; i.e., choir, chamber ensemble, or collegium musicum.

520 Instrumental Ensemble (1 credit). A performing group or groups will be formed, dependent on the size of enrollment, such as trios, quartets, band or orchestra. Opportunities to perform ensemble music of various kinds will be given. Medieval, Renaissance, Baroque, Classic, Romantic and Contemporary music will be performed in groups from trios up to and including band and orchestra. Emphasis will be placed on techniques of ensemble playing, intonation, phrasing, articulation and proper performance practices of ensemble literature.

MU MUSIC, GENERAL

Lower Division

101 Music Fundamentals (2 credits). Primarily for Education Department students, but open to all non-music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced. A remedial course for music majors. Each semester.

119 Materials of Music I (3 credits). This course includes music fundamentals (notation, intervals, triads, scales and modes, key signatures); melodic cadences, melodic construction and decoration; 2- and 3-voice textures (linear and vertical aspects), with emphasis on aural and visual recognition, analysis and compositional skills involving the above. Prerequisite: piano proficiency to play simple melodies and harmonies, and-or concurrent enrollment in piano study, or permission of the instructor. Fall semester.

120 Materials of Music II (3 credits). This course includes 4-voice textures (linear and vertical aspects); homophonic textures; diatonic chords and harmonic relationships; cadences, inversions, dominant sevenths and secondary dominants; a cursory survey of binary, ternary and through-composed forms, modulation and mutation. Emphasis is on aural and visual recognition and analysis, along with compositional skills involving the above. Prerequisite: MU 119 or equivalent competency and piano as per MU 119. Spring semester.

121-122 Beginning Ear Training (1 credit). A course designed to correlate with Materials of Music I and II and which emphasizes auditory training in scales (including the modes and major and minor) and all intervals. The course includes drill in solfeggio and sight singing leading up to aural recognition of 3-part and 4-part harmonic structures. Two hours per week. Prerequisite: Previous or concurrent enrollment in Materials of Music I and II. Fall spring semesters.

133 Introduction to Music (3 credits). An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. The emphasis is laid upon the enjoyment of music through the understanding of recorded and live music. Each semester.

147 Survey of Opera and Music Theatre (1 credit). An historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound filmstrips, and library resource materials from the beginning of the Baroque period to Contemporary Modern Opera and Music Theatre compositions. Required of voice majors. Meets twice a week. Fall semester.

213 Functional Piano (2 credits). Class instruction for Music Education majors; designed to build fundamental keyboard skills through scales, chords, arpeggios and other studies. Building of a repertoire of songs and the learning of a variety of chording techniques useful in teaching classroom music. Prerequisite: Materials of Music II MU120. One year of piano study recommended prior to enrollment. May be repeated once for credit. Each semester.

219 Materials of Music III (3 credits). This course is a continuation of 4-part textures begun in MU 120. It includes diatonic sevenths; introduction to altered chords, the augmented sixth and Neapolitan chords; cantus firmus techniques; remote modulations; compositional skills involving the above. Prerequisite: MU 120 or equivalent competency and piano per MU 119. Fall semester.

220 Materials of Music IV (3 credits). This course includes introductions to invention and fugue techniques and sonata form; eleventh and thirteenth chords; Twentieth Century melody and harmony; atonality and serial techniques; compositional skills involving the above. Prerequisite: MU 219 or equivalent competency and piano per MU 119. Spring semester.

221-222 Advanced Ear Training (1 credit). A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple forms of the basic chords in four parts. Prerequisite: Materials of Music II MU120, Beginning Ear Training MU-121 and MU-122, and at least one year of piano, or concurrent piano study. Fall-Spring semester.

257 String Instrument Techniques and Methods (2 credits). Primarily for Music Education Majors, this course deals with methods and materials of string-class teaching in the public schools, while providing the student with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello, and string bass. 1 hour lecture, 2 hours lab per week. Fall semester.

261 Basic Conducting (1 credit). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Materials of Music II MU-120 and Beginning Ear Training MU-121-122. Either semester.

266 Woodwind Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic pedagogical technique on two or more of the woodwind instruments. Meets three times per week. Fall semester.

271 Orientation to Music Education (1 credit). A look at school music programs to include all levels, primary through secondary programs. Meets twice a week - one lab period and one formal class period. Lab period will be visitation in public schools. Either semester.

Upper Division

305 History and Literature of the Romantic Era (3 credits). Study and consideration of representative musical works from Schubert and Beethoven to Mahler and Richard Strauss. The relationship of these works to parallel movements in literature and the other arts. Prerequisite: Materials of Music II MU-120. Fall semester.

306 History and Literature of the Twentieth-Century (3 credits). Styles and characteristics of music from the last decades of the previous century to the present. Works from Mahler and Debussy to recent developments in aleatoric and electronic music; consideration of jazz and other recent influences in American music. Prerequisite: Materials of Music II MU-102. Spring semester.

307 History and Literature of the Medieval and Renaissance Eras (3 credits). The analysis of the development of Western music from Greek theory and its cultural roots through Palestrina and his contemporaries. Consideration of the music of these periods as artistic entities and foundations for subsequent expression. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

309 History and Literature of the Baroque Era (3 credits). The development of understanding, style and characteristics of music of this period through score reading, analysis and discussion. Works from the Gabriellis through Bach and Handel will be considered. Prerequisite: Materials of Music II MU 120. Either semester.

310 History and Literature of the Classic Era (3 credits). Works from the early classical school through Haydn and Mozart will be the basis of the course. Attention will be given to the evolution of classical forms through score reading, listening and analysis. Prerequisite: Materials of Music II MU 120. Spring semester. (Not offered 1975-76).

313-314 Keyboard Harmony and Basic Improvisation (2 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic materials for improvising at the piano and organ. Prerequisite: Materials of Music II MU-120, and Beginning Ear Training MU-121 and MU-122 for student majoring in piano or organ. Four non-keyboard majors, the student must have had one to two years piano study. Fall-Spring semester.

321-322 Counterpoint (2 credits). A study of the 16th century composition techniques. The C clefs will be used and the student will write in two, three, and four parts, using the five classic species of counterpoint. If time permits the writing will be extended to include five and six parts and original compositions in the style. Prerequisite: Materials of Music IV MU-220. Completion of MU-221 and MU-222 is desirable. Fall-Spring semesters.

345 Opera Theatre (1 credit). A course in the study and production of operas. Permission of instructor required to register for course. Maximum 4 credits. Each semester.

365 Choral Conducting (1 credit). A course designed to deal with the problems and techniques of choral conducting. Students will work with ensemble groups as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Fall semester.

366 Instrumental Conducting (1 credit). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Spring semester.

368 Percussion Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various percussion instruments in the public schools, while providing the student with basic performing techniques. Meets three times per week. Spring semester.

369 Brass Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments. Meets three times per week. Spring semester.

370 Guitar for Classroom Teachers (2 credits). A course designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompaniment skills, elementary chord theory, melodic playing, proper hand position and note reading. Musical material is drawn from popular and folk styles useful in elementary classes. Maybe repeated once for credit. Either semester.

371 Music Methods for the Elementary School Teacher (2 credits). Materials, methods and problems relating to classroom music in grades K through six. Prerequisite: Music Fundamentals MU-101 or equivalent. Each semester.

- 372 Teaching Music in the Elementary Classroom** (2 credits). Designed for the music education major, this course will deal with: curriculum design; teaching methods such as Orff, Kodaly, "Threshold to Music"; materials and evaluative techniques for dealing with music and the general student in elementary schools. Included in the course will be planning and evaluation of classroom and general music, music appreciation courses, and the use of music in related arts and humanities courses. The course will consist of two lectures plus one lab period per week. Prerequisite: Orientation to Music Education MU 271. Fall semester.
- 385 Choral Methods and Materials** (2 credits). Designed for Music Education majors who will be teaching vocal groups in junior and/or senior high schools. A practical workshop in selection and conducting of choral materials, rehearsal techniques, use of small ensembles, planning and organization of vocal groups. Meets three times a week. Prerequisite: Basic Conducting MU 261. Spring semester.
- 387 Band and Orchestra Methods and Materials** (2 credits). The study of the organization and administration of bands and orchestras at the secondary school level; includes equipment purchasing, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repairs of instruments. Fall semester.
- 409 Elements of Form** (3 credits). Elements of form from both design and harmonic structure standpoints. Detailed analysis of the phrase and the simpler binary and ternary forms; cursory examination of larger forms. Prerequisite: Materials of Music IV MU-220. Fall semester.
- 410 Advanced Form and Analysis** (2 credits). Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. Prerequisite: Elements of Form MU 409. Spring semester.
- 413-414 Continuo Realization and Improvisation** (2 credits). Designed especially for organists and composition majors; other students may enter by permission of instructor. Special attention will be given to improvising the harmonies from the figured basses in the choral scores of the Baroque Period. Original work in improvisation will also be stressed. Prerequisite: Keyboard Harmony and Basic Improvisation MU-313 and MU-314. Fall-Spring semesters.
- 421 Canon and Fugue** (2 credits). An analytical study of the formation of canons and fugues. The student will study and write canons and canonic devices at all intervals. Fugal expositions, and complete fugues will be studied and written in three and four voices. Prerequisite: Materials of Music IV MU-220, and Counterpoint MU-321 and MU-322. Either semester.
- 455 Band Arranging** (2 credits). Required of majors in Music Education and in theory and Composition. A study of scoring and notation for brasswind, woodwind and percussion instruments and their textures in various combinations. Prerequisite: Materials of Music IV MU-220. Fall semester.
- 456 Orchestra Arranging** (2 credits). Required of Theory and Composition majors but open to other students who can qualify. A study of scoring and notation for strings and for voices in various combinations with primary emphasis on the orchestra. Prerequisite: Band Arranging MU 455. Spring semester.
- 457 Major Instrument Literature (Piano, Voice, Guitar)** (2 credits). A survey course to acquaint the student with the important literature from all periods for Piano, Voice or Guitar. Section 1 Piano Literature, Section 2 Guitar Literature, Section 3 Vocal Literature. Prerequisite: Upper division standing in performance.*
- 463 Major Instrument Pedagogy (Piano, Voice, Guitar) I** (2 credits). A survey and comparative study of pedagogical materials, principals and procedures. The course will consist of reading, lecture, listening and observation in teaching studios. Prerequisite: Upper division standing in performance. Offered in years alternating with MU 457.*
- 464 Major Instrument Pedagogy (Piano, Voice, Guitar) II** (2 credits). Practical application of pedagogical methods and procedures through supervised studio teaching. Further reading, lecture, listening and discussion involving pedagogical techniques. Prerequisite: MU 463 Pedagogy I. Offered in years alternating with MU 457.*
- 498 Music Seminar** (2 credits) A Seminar project under faculty direction. Prerequisite: Senior standing Either semester.
- * No more than three of the following courses will be offered in any one semester: MU 457, MU 463, MU 464.

Graduate

- 501 History of Music in the United States** (3 credits). Designed for either the non-specialist or specialist in music, this course will survey the role which music has played in the development of the American culture. Among the topics covered will be early New England music, music of the Blacks, Indians, and other ethnic groups. Social and historical interrelationships with music will be examined and discussed.
- 503 Introduction to Research Materials in Music Education** (3 credits). Designed for the secondary school music specialist, this course will provide an introduction to the basic research literature within music education. Interpretation of research findings, basic research techniques, problems in music educational research, and a review of literature pertinent to students' major area of interest will be included.
- 505 Seminar in Choral Music: Performance Practices and Styles** (3 credits). 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 standpoints of performance practice, analytic techniques, and the reading of primary sources of pertinent information.
- 506 Seminar in Instrumental Music: Performance Practices and Styles** (3 credits). An analysis will be made of representative instrumental works of four stylistic periods: the Baroque, the Classical, the Romantic, and the Contemporary. Emphasis will be placed on facets of interpretation that would enable the performer or the conductor to more adequately understand and communicate the musical language of the period. Basic historical background of the specific works considered will be covered. A close examination of the instrumentation used in these works, in relation to modern instrumentation, will be made. The validity and effectiveness of band transcriptions will be emphasized in the study. The works considered will embrace compositions for small ensembles as well as large.

511 20th Century Musical Studies (3 credits). A study of 20th century compositional techniques and performance practices through analyses, 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.

561 Advanced Conducting (3 credits). 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.

570 New Developments in Music Education (3 credits). This course is designed to acquaint the secondary school music specialist with new ideas in music education. Curricular design of new developments such as integrated arts and humanities courses, shifting of importance in music classes to understanding of music, recent major reports such as the Tanglewood Seminar, Music Educators National Conference Committees, and the development of a philosophical base for the inclusion of music in the curriculum will be among topics covered.

571 Advanced Practices and Principles in Teaching Music in the Elementary School (3 credits). The course is designed to extend the professional teacher's knowledge of teaching techniques and curricula of the elementary school classroom music program. Included will be problems in teaching elementary school music, the teaching of reading skills in music, the non-singer in the classroom, creative musical activities to be used in the classroom, new approaches to music education such as the *Threshold to Music and Manhattanville Music Curriculum Program*, and the survey of pertinent research relevant to the development of musicality in young children. Spring semester. Prerequisites: Public School Music, MU-371, general or special experience in classroom teaching, or consent of instructor.

572 Listening and Singing Experiences for the Elementary School (3 credits). This course is designed to present in-depth experiences in musical works and songs which can be used in the elementary classroom. Phonograph recordings, music series books and films will be surveyed and examined for use in the classroom. New media approaches will be introduced for the building of concepts of music perception. Ways of integrating listening works with singing activities through a conceptual approach will be stressed. Also emphasized will be ways of correlating musical activities with the areas of literature, painting, sculpture and architecture. Student will be directly involved in teaching lessons within the class. Prerequisites: Public School Music, M-371, experience in general or special classroom teaching, or consent of instructor. fall semester.

573 Advanced Methods and Techniques for the Instrumental Instructor (3 credits). A study of causes and solutions for problems occurring in the instrumental rehearsal. Areas to be covered include instrumental methods and techniques, rehearsal techniques, organization and repertoire planning.

574 Advanced Methods and Techniques for the Choral Instructor (3 credits). A study of causes and solutions for problems occurring in the choral rehearsal. Areas to be covered include vocal methods and techniques, rehearsal techniques, organization and repertoire planning.

575 Administration of School Music (3 credits). A seminar in problems of music supervision and administration covering areas such as budget, scheduling, curriculum, personnel, and philosophy.

591 Culminating Project (3 credits). A project may be defined as, but is not limited to, any of the following:

- A library research paper which fits the educational needs of the student.
- A curricular proposal in written form which could be considered for implementation in the schools
- A lecture/recital with a written paper discussing aspects of music which is performed, stylistic considerations, etc.
- A written examination on five questions chosen by the student's committee chairman from a list of twenty submitted by the student

593 Thesis (6 credits). A scholarly paper embodying results of original research which are used to substantiate a specific view.

DEPARTMENT OF PHYSICS, ENGINEERING AND PHYSICAL SCIENCE

Chairman and Professor: Dr. Gary R. Newby; *Professor:* Dahm; *Associate Professors:* Campbell, Hahn, Luke, Severance; *Assistant Professors:* Allen, Parks, Reimann, Smith.

ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS degree in engineering is 4 years and the following program is designed to do this along with 2 years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take 4 1/2, 5 years or more to earn the degree. Therefore, a convenient option based on 3 years at

SCHOOL OF ARTS & SCIENCES
Engineering

BSU followed by 1 1/2 years at Idaho U. is available and students may consult an engineering advisor about this program. This 5-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other engineering colleges. Students should consult their advisor about possible program modifications if they plan to go to some school other than University of Idaho to complete their degree.

COMMON FRESHMAN YEAR:	1ST SEM.	2ND SEM.
(All Engineering Majors)		
English Composition (E-101-102)	3	3
<i>College Chem</i> Introduction to Chemistry (C-101-102)	4	4
Calculus and Analytic Geometry (M-112-205)	5	4
Engineering Fundamentals (EN-107-108)	2	2
Digital Computer Programming (EN-104)	2	—
Physics I (PH-220)	—	3
Physical Education	1	1
	17	17

COMMON SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Physics II and III (PH-221-222)	3	3
Wave Motion and Heat Lab (PH 223)	1	—
* Electricity and Magnetism Lab (EN 224)	—	1
** Humanistic-Social Elective	3	3
Introduction to Mechanics (EN-205)	3	—
Introduction to Electrical Engineering (EN-221)	3	—
Calculus and Analytic Geometry (M-206)	4	—
Advanced Engineering Math (M-321)	—	4
(Branch Variation — See Below)	—	5-7
	17	16-18

* Electrical Engineers taking EN 223 will not take EN 224 (PH 224). All other branches will take EN 224.

** During first semester, Chemical Engineers substitute C-217, Civil Engineers substitute EN-215.

Branch Variations:

Agricultural Engineering	
Life Science Elective	4
Dynamics of Rigid Bodies (EN-206)	2
	6
Civil Engineering	
Dynamics of Rigid Bodies (EN-206)	2
Engineering Measurements (EN-216)	2
Humanistic Social Elective	3
	7
Mechanical Engineering	
Dynamics of Rigid Bodies (EN-206)	2
Principles of Economics (EC-201)	3
	5
Chemical Engineering	
Organic Chemistry (C-317)	3
Principles of Economics (EC-201)	3
	6
Electrical Engineering	
Network Analysis (EN-223)	4
Humanistic Social Elective	3
	7

JUNIOR YEAR:

* Three Junior level Engineering Science courses (EN 301 Fluid Mechanics, EN 306 Mechanics of Materials, and EN 320 Thermodynamics and Heat Transfer) are offered. These courses, along with usual Engineering requirements in mathematics, science, humanities, and social sciences, make it feasible for many students to complete a third year before transferring. Consult an engineering staff advisor for details.

PHYSICS

A Baccalaureate Degree is not yet offered in Physics. However, with the PH-220 through PH-224 series, three upper division Physics courses, related Mathematics courses and required Humanities and Social Science courses, a student could complete 2 or 3 years at BSU before transferring elsewhere to complete degree requirements in physics. As mathematics serves such a fundamental role in physics, the interested student may wish to follow the applied mathematics option for a bachelor's degree in mathematics. (Refer to Requirements for Mathematics Major.)

ARCHITECTURE

Boise State does not offer an Architectural degree program. In Idaho there is an accredited Architectural program at the University of Idaho, which is combined with Art to form one department. Therefore, students planning to transfer to University of Idaho should confer with a BSU Art department advisor.

A number of schools offer a degree in Architectural Engineering. If interested in earning a degree of this type, confer with an Engineering department advisor.

COURSES

EN ENGINEERING

Lower Division

100 Concepts and Consequences of Energy Utilization (4 credits). An introductory course for non-science majors designed to acquaint students with the basics of energy utilization technology and its cultural and environmental impacts. The course will demonstrate the role of technology in our society by developing a conceptual understanding of the operation and limitations of the technological machines which supply our society's energy. Three hour lectures and one two-hour projects lab each week. Fall semester.

101 Technical Drawing (2 credits). A basic course of technical drawing procedures for those with little or no high school or work experience background in this area. Covers lettering, use of drawing instruments, geometric construction, orthographic projections, sectioning, dimensioning, pictorial drawings, working drawings and graphic solution of point line and plane problems. Two 2-hour lecture laboratory periods per week. Each semester.

104 (M-124) Digital Computer Programming (2 credits). Course for engineering, science or mathematics majors to introduce fortran programming principles and logic. Consideration and subroutine subprograms, applied to problem solving. Prerequisite: M-106, M-111 or M-115 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both EN 104 and M 125. Each semester.

107-108 Engineering Fundamentals (2 credits). An integrated course covering and relating such topics as professional and social responsibilities of the engineering computations, graphics and introduction to the design process. Two 2-hour lecture labs. Student should have a minimum mathematics background equal to M-111. Each semester.

205 Introduction to Mechanics (3 credits). Covers basic statics including equilibrium, static friction, centroids, moment of inertia plus dynamics by particle motion analysis. Kinetics of particles including concepts of force, mass, acceleration, work, and energy, impulse and momentum. Corequisite: M 205. Prerequisite: PH 220. Each semester.

206 Dynamics of Rigid Bodies (2 credits). Analysis of forces and the resulting motion as pertains to rigid bodies undergoing rotary and general plane motion. Prerequisite: EN 205. Spring semester.

215 Basic Surveying (2 credits). A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry and other non-engineering majors. Course covers use of transit, level, plane table, and computations related to elevation, traverse and stadia surveys. One lecture and one 3-hour lab. Prerequisite: M-111 or equivalent. Fall semester.

216 Engineering Measurements (2 credits). Advanced topics in surveying plus theory and practice relating to types of errors, distribution of errors and precision in measurement. One lecture and one 3-hour lab. Prerequisite: EN-215. Spring semester.

221 Introduction to Electrical Engineering (3 credits). Basic electrical theory for all engineering students. Covers both d.c. and a.c. circuits. Three lectures per week. Prerequisite: M-112. Fall semester.

223 Network Analysis (4 credits). Deal with circuit analysis of advanced dc. and ac. circuit concepts including network theorems, frequency domain analysis and coupled circuit. Three recitations per week and one three-hour laboratory. Prerequisite: Introduction to Electrical Engineering EN-221. Spring semester.

224 Electricity and Magnetism Lab (1 credit). (See PH 224).

225 (M 225) Applied Fortran Programming (2 credits). A general course to illustrate advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: EN-104 and M-205. Credit cannot be obtained for both EN 225 and M 225. Fall semester.

Upper Division

301 Fluid Mechanics (3 credits). Physical properties of fluids: fluid mechanics and measurements; viscous and turbulent flow, momentum, lift, drag, and boundary layer effects; flow in pipes and open channels. Three recitations per week. Prerequisites: Calculus M-206 and Intro to Mechanics: En-205. Spring semester.

306 Mechanics of Materials (3 credits). Elasticity, strength, and modes of failure of engineering materials, theory of stress and strains for columns, beams and shafts. Three class periods per week. Prerequisites: Intro to Mechanics EN 205 and Calculus M-206. Spring semester.

320 Thermodynamics and Heat Transfer (3 credits). First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; flow processes: heat to work conversion; refrigeration; conduction and radiation. Three recitations per week. Prerequisites: Calculus M-206 and Physics II-Wave Motion and Heat PH 221. Fall semester.

PS PHYSICAL SCIENCE

Lower Division

100 Foundations of Physical Science (4 credits). Selected concepts of matter and energy that are widely applicable toward understanding our physical and biological environment. A one-semester course for non-science majors. Three lectures and one laboratory experiment per week. Each semester.

Graduate

501 Basic Physical Science for Elementary Teachers (3 credits). An introduction to the basic ideas of physical science including matter, motion, energy, electricity, magnetism, heat, light, sound, wave motion, atomic energy, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used by elementary school students. Students will be expected to make one demonstration to present to the class during the course. Prerequisite: None.

PH PHYSICS

Lower Division

100 A Cultural Approach to Physics (4 credits). Designed for liberal arts students. Students should gain an appreciation for the basic ideas in physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology. Three lectures and one laboratory experiment per week. Spring semester.

101-102 General Physics (4 credits). Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the Bachelor of Arts and Bachelor of Science Curricula, and may be taken by forestry, pre-dental and pre-medical students. Three lectures and one two-hour laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics (2 credits). A course designed primarily for those who are studying to be X-Ray or radiologic technicians. Topics covered will be fundamental physical units, energy, electricity and magnetism, atomic and nuclear physics, X-Ray production, radiation shielding and detection, radiography, isotopes, and health physics. Summer session.

105 Introduction to Descriptive Astronomy (4 credits). A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-science majors. Each semester.

207 Introduction to Biophysics (4 credits). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in lab to study biological systems. Three 1-hour lectures and one 3-hour lab. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.

220 Physics I — Mechanics (3 credits). Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibratory motion. Three 1-hour lectures and one 1-hour recitation per week. Corequisite: M 112. Either semester.

221 Physics II — Wave Motion and Heat (3 credits). Wave motion on strings, and acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the first and second laws of thermodynamics. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH220. Either semester.

222 Physics III — Electricity and Magnetism (3 credits) Coulomb's law electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220, M-205. Either semester.

223 Wave Motion and Heat Lab (1 credit). A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 221. Fall semester.

224 (EN 224) Electricity and Magnetism Lab (1 credit). A lab designed to be taken concurrently with PH 222. Basic experiments in electricity, simple circuit analysis and instrumentation. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 222. Spring semester.

Upper Division

301 Electronics Lab (3 credits). Electrical measurements, power supplies, amplifier circuits, oscillators, servo systems, and electronic switching and timing. One 1-hour lecture and two 3-hour laboratory periods per week. Prerequisite: PH-222 and PH-224. Fall semester.

311-312 Modern Physics (3 credits). A brief introduction to the special theory of relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisite: Ph-221, PH-222, C-102 or C-112. Corequisite: M-321 or M-311. Each semester.

381-382 Electricity and Magnetism (3 credits). Electrostatic fields, potentials, Gauss' law, solutions of Laplace's equation, electrostatics of conductors and dielectric materials, magnetic materials, vector potentials, Maxwell's equations, and electromagnetic radiation. Three one-hour lectures per week. Prerequisites: PH-221, PH-222 and M-321 or M-311. Each semester.

**DEPARTMENT OF
POLITICAL SCIENCE**

Chairman and Professor: Dr. Willard M. Overgaard; Professor: Skillern; Associate Professor: Donoghue, Assistant Professors: Brinton, Cedar, Raymond, Schoedinger, Ward; Instructor: Spafford; Assistant Professor Emeritus: Peterson.

The program of the Department of Political Science is designed to provide the student with a knowledge of political values, of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American governmental systems and processes, political behavior, comparative government and politics, international relations, and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student's understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

A Master of Public Administration degree program is also offered through the Department of Political Science.

**REQUIREMENTS FOR
POLITICAL SCIENCE MAJOR**

Bachelor of Arts Program

A major program in Political Science is to be defined for each student in terms of a general foundation of knowledge in the discipline of Political Science, accommodating the developmental interests of the student but reflecting a concentration in any one of the following four "areas of emphasis" as available options for a major program in Political Science:

- I. Political Philosophy
- II. American Governmental Systems and Processes
- III. International Relations
- IV. Public Administration

As an additional option, major emphasis in Political Science is provided in teacher education preparation.

- V. Political Science
Social Science Secondary Education

The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

PO 101 Federal Government	3 credits
PO 141 Contemporary Political Ideologies	3
PO 229 Comparative European Governments and Politics	3
PO 231 International Relations	3

*Radiation Physics
H-104*

SCHOOL OF ARTS & SCIENCE
Political Science

PO 498 Seminar (Scope and Methods of Political Science) 3 credits

The Seminar is not applicable to public administration area of emphasis.)

At least 3 Semester credits in Western Political Theory PO-441, PO-442 strongly recommended for all students with a major program in Political Science.

The course requirements applicable to each of the four designated areas of emphasis, offered as optional major programs in Political Science, are described below.

I. Political Science - **Political Philosophy emphasis.**

Political philosophy as an area of emphasis is designed to accommodate students whose principal interest in Political Science is the fundamental political thought, past and present, in the development of political institutions in society.

A. General College and Core Requirements

B. Political Science Major Requirements (45 credits)

1. **Lower Division courses (12 credits)**
 - PO-101 Federal Government 3 credits
 - PO-141 Contemporary Political Ideologies 3
 - PO-229 Comparative European Governments and Politics 3
 - PO-231 International Relations 3
2. **Upper Division Courses (33 credits)**
 - PO 301 American Parties and Interest Group Politics 3 credits
 - PO 401 Constitutional Law 3
 - PO 431 American Political Theory 3
 - PO 441 Western Political Theory I 3
 - PO 442 Western Political Theory II 3
 - PO 451 Comparative Legal Systems 3
 - PO 498 Senior Seminar (Scope and Methods of Political Science) 3
 - Political Science electives 12

II. Political Science - **American Governmental Systems Processes emphasis.**

This area of emphasis is offered to students who wish to concentrate their attention on National, State, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

A. General College and Core requirements.

B. Political Science Major Requirements (45 credits)

1. **Lower Division Courses (18 credits)**
 - PO 101 Federal Government 3 credits
 - PO 102 State and Local Government 3
 - PO 141 Contemporary Political Ideologies 3
 - PO 221 Voting Behavior and Public Opinion 3
 - PO 229 Comparative European Governments and Politics 3
 - PO 231 International Relations 3
2. **Upper Division Courses (27 credits)**
 - PO 301 American Parties and Interest Group Politics 3 credits
 - PO 303 Introduction to Public Administration 3
 - PO 412 Legislative Behavior 3
 - PO 401 Constitutional Law 3
 - PO 431 American Political Theory 3
 - PO 498 Senior Seminar (Scope and Method of Political Science) 3
 - Political Science Electives 9

III. Political Science - **International Relations emphasis.**

The area of emphasis in international relations is available for students wishing to obtain a general understanding of international affairs for a more intelligent citizenship in the

modern world society. Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from foreign languages, history, economics, and sociology.

A. General College and Core requirements.

B. Political Science Major Requirements (45 credits)

1. **Lower Division Courses (12 credits)**
 - PO 101 Federal Government 3 credits
 - PO 141 Contemporary Political Ideologies 3
 - PO 229 Comparative European Governments and Politics 3
 - PO 231 International Relations 3
2. **Upper Division courses (33 credits)**
 - PO 311 Comparative Foreign Policy 3 credits
 - PO 324 Comparative Communist Party - State Systems 3
 - PO 333 Comparative Governments and Politics of the Developing Nations 3
 - PO 335 United States Foreign Policy 3
 - PO 421 International Law 3
 - PO 422 International Organization 3
 - PO 451 Comparative Legal Systems 3
 - PO 498 Senior Seminar (Scope and Methods of Pol. Sci.) 3
 - Political Science Electives 9

IV. Political Science - **Public Administration emphasis.**

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as public administration and economics, public administration and sociology, public administration and psychology, public administration and communications. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in computer science, psychology, sociology, history, economics, and communications.

A. General College and Core Requirements.

B. Political Science Major Requirements (45 credits)

1. **Lower Division courses (12 credits)**
 - PO-101 Federal Government 3 credits
 - PO-102 State and Local Government 3
 - PO-141 Contemporary Political Ideologies 3
 - PO-229 Comparative European Government and Politics 3
 - PO-231 International Relations 3
2. **Upper Division Courses (30 credits)**
 - PO-303 Introduction to Public Administration 3 credits
 - PO-310 Public Finance 3
 - PO-320 American Policy Processes 3
 - PO-325 Regional Administration 3
 - PO-465 Comparative Public Administration 3
 - PO-467 Administrative Law 3
 - PO-487 Organization Theory and Bureaucratic Structure 3
 - Political Science Electives 9

V. Political Science — **Social Science Secondary Education Option**

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of

study or teaching minors of 15 credits each chosen from the other social science fields.

30 Credit Hour Program - 24 credit hours required courses:	
PO 101 Federal Government	3 credits
PO 102 State & Local Government	3
PO 221 Voting Behavior and Public Opinion	3
PO 231 International Relations	3
PO 229, 324, or 333 Comparative Government	6
PO 431, 441, or 442 Political Theory	6
	24
Plus upper division Political Science electives	6
15 Credit Hour Emphasis - 9 credit hours required courses:	
PO 101 Federal Government	3 credits
PO 231 International Relations	3
PO 431 and/or 442 Political Theory	3-6
Plus 3-6 hours of appropriate upper division Political Science courses to be worked out with advisor according to major field of emphasis	3-6
	15

THE DEGREE OF MASTER OF PUBLIC ADMINISTRATION

Department of Political Science

The Master's degree in Public Administration is an inter-university cooperative graduate program offered jointly by Boise State University, Idaho State University, and the University of Idaho. The purpose of the program is to provide present and prospective public administrators with the basic intellectual preparation necessary to understand and to adjust to a changing and challenging environment through an introduction to the theories and practices of administration, management, and social science research as these relate to effective performance in public organizations. The MPA program is coordinated through an INTER-UNIVERSITY COMMITTEE, comprised of the chairmen of the departments of political science or government at the cooperating universities, a representative of the Office of the State Board of Education, and a representative of cooperating government agencies. The essential features of this inter-university cooperative program are: (1) general coordination and policy control by the INTER-UNIVERSITY COMMITTEE; (2) unrestricted transferability of credits earned at any of the participating universities; (3) coordination among universities in scheduling and offering courses in the MPA program; and (4) the establishment of a basic core of courses at all three cooperating institutions plus optional areas of emphasis which may vary among the universities and which reflect the particular areas of specialization available at the respective universities.

The inter-university MPA program has been designed in accordance with the **Guidelines and Standards for Professional Master's Degree Programs in Public Affairs and Public Administration** prescribed through the National Association of Schools of Public Affairs and Administration (NASPAA).

Admission to the MPA Program

Students may enroll in the MPA by applying to one of the participating universities. Acceptance by any of the three universities admits a student into the MPA program. A matriculated student should complete graduate studies at the institution which offers the area of specialization which he or she wishes to emphasize. The specific program which each student will pursue will be established by an advisory committee consisting of three faculty members, one of whom will be from a university other than that of the chairman of the student's advisory committee. No specific undergraduate program is required in preparation

for the MPA program. It is anticipated that students will come from widely differing academic preparations.

However, some coursework in humanities and social sciences (political science, sociology, economics and psychology) is essential to the foundation of the MPA program for all students; also a student must provide evidence of proficiency in skills of statistics, data processing, or accounting, either through undergraduate preparation or previous work experience. Deficiencies in these areas will be made up outside of the required curriculum. A student may be required to remove other deficiencies related to specified areas of emphasis in the MPA program, as determined by the Inter-University Committee.

Specific Admission Requirements for Applicants to the MPA Program

All applicants to the MPA program at Boise State University must meet the following requirements prior to enrollment in MPA courses:

- A. Possession of a baccalaureate degree from an accredited institution.
- B. Demonstration of satisfactory academic competency by attaining an overall GPA of 2.75 and recommendation for admission by the Department of Political Science. Students with a lower GPA may be admitted on provisional status on recommendation of the Department of Political Science with approval of the Graduate School. Final determination on the retention in the MPA program of a student with provisional status will be made after the completion of twelve (12) credits of approved study, with the general requirements of a grade of "B" or better in the course work taken.
- C. Receipt of three letters of personal evaluation from individuals qualified to evaluate the applicant's academic potential. Evaluators may include current or former employers, as well as professors. The letters are to be addressed as follows: Chairman, Department of Political Science, Boise State University, Boise, Idaho 83725.
- D. Submittal of a brief statement by the applicant indicating his/her career objectives and the area of emphasis to be undertaken in the Master of Public Administration program.
- E. Completion of the following prerequisite courses in undergraduate preparation or their equivalent (applicable to all students applying for admission to the MPA program).
 1. Federal Government - 3 semester credits
 2. State-Local Government - 3 semester credits
 3. Introduction to Public Administration - 3 credits
 4. At least three semester credits in each of two of the following areas:
 - a. Sociology
 - b. Economics
 - c. Psychology
 5. At least three semester credits in one of the following areas:
 - a. Accounting
 - b. Data Processing
 - c. Social Statistics
 6. For those students selecting "Human Services Administration" as their "area of emphasis" for specialized preparation in Public Administration, at least 9 semester credits in Sociology.
 7. For those students selecting "Criminal Justice Administration" as their "area of emphasis" for specialized preparation in public administration, at least 9 semester credits in Criminal Justice.

Students who are deficient in any of the prerequisites indicated above must remove these deficiencies prior to enrollment in MPA graduate-level courses for credit.

The student may be required to remove other deficiencies as determined by the Inter-University Committee established for administrative coordination of the MPA program.

F. An applicant planning to achieve an MPA degree at Boise State University must be accepted by the Graduate School of Boise State University. (The student is advised to consult the appropriate section of the bulletin for any special requirement or conditions prescribed by the Graduate School.

THE GRADUATE DEGREE PROGRAM

The MPA degree may be achieved through the successful completion of at least 30 semester credit hours of approved course work plus 6 credits of public service internship. Eighteen credit hours must be completed in courses selected from prescribed "core areas" with 12 additional credit hours completed in designated optional areas of emphasis. Students may follow a thesis or non-thesis option in pursuing the MPA. The thesis counts as 6 credits toward completion of the degree in lieu of course work selected from the student's area of emphasis. All MPA candidates must complete final examinations. Those following the thesis option will complete an oral examination covering the thesis and program course work. The non-thesis option requires a written and oral examination over program course work.

The academic program of each student must be approved by the MPA advisory committee and must satisfy the general requirement of an integrated program designed to meet career objectives of the student in public administration.

Core and Optional Area Requirements

The specific course requirements of the MPA program are set forth in a list of courses which has been approved by the INTER-UNIVERSITY COMMITTEE. This list is available through each of the cooperating universities. Courses are available at each institution in the "core areas." The optional "areas of emphasis" may vary among the universities according to the resources and competencies which exist in the respective departments. Moreover, the MPA envisages further development of "areas of emphasis" and expansion of available courses as additional resources become available and the cooperative relationships among the three universities are further developed. The listing of "areas of emphasis" represents a collective enumeration of all optional areas which currently are available or are planned for future development at all of the cooperating universities. (A description of these areas of emphasis which are presently operational at each institution and admission forms to the MPA program are available through the chairman of the Department of Political Science at Boise State University, the chairman of the Government Department at Idaho State University, or the chairman of the Department of Political Science at the University of Idaho.)

"Core Area" Requirements: At least 18 semester credit hours of course work required on the designated "core areas" are to be selected in accordance with the following bases of selection:

1. At least **one** course selected from **each** of the following "core areas":
 - a. Administrative Theory, Organization and Behavior
 - b. Public Management Techniques
 - c. Public Policy and Policy Analysis
2. At least **one** course from each of **two** of the following "core areas":
 - a. Administrative Law
 - b. The Executive and the Administrative Process
 - c. Intergovernmental Relations
 - d. Community and Regional Planning
 - e. Comparative Public Administration and Planning Systems
3. A **sixth** course is to be selected also from **any one** of the eight "core areas" listed under items one and two above.

Optional "Areas of Emphasis": At least 12 semester credit hours of course work are to be taken in any **one** of the following "areas of emphasis":

1. General Public Administration
2. Community, State and Regional Planning

3. Criminal Justice Administration
4. Public Health Administration
5. Public Finance, Budgeting, and Administrative Management
6. Environmental and Natural Resources Administration
7. Local Government Administration
8. Human Services Administration

Public Service Internship: Those students with no work experience in government are to be assigned as "public service interns." The internship is to be served in a government office at local, state, or federal levels, or in appropriate organizations which are concerned with governmental affairs, such as private foundations and community institutions. Credit provided for the internship shall be in **addition** to the 30 semester credit hours of course work required in the MPA program. The internship component will comprise 6 semester hours.

COURSES OFFERED AT BOISE STATE UNIVERSITY FOR THE DESIGNATED "CORE AREAS" AND THE OPTIONAL "AREAS OF EMPHASIS" IN THE MPA PROGRAM

I. DESIGNATED CORE AREAS

(Note: Selection of courses is to be made in consultation with the student's major professor in the preparation of a MPA Program Development Plan for each individual student.)

A. Administrative Theory, Organization, and Behavior

PO-487 (G) ORGANIZATION THEORY AND BUREAUCRATIC STRUCTURE

B. Public Management Techniques

PO-510 FISCAL PROCESSES AND PUBLIC BUDGETING PROCESS

PO-511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS

MB-541 PERSONNEL POLICY

MB-542 COMPUTER APPLICATIONS FOR MANAGEMENT

C. Public Policy and Policy Analysis

PO-520 PUBLIC POLICY FORMULATION AND IMPLEMENTATION

D. Administrative Law

PO-467 (G) ADMINISTRATIVE LAW

E. The Executive and the Administrative Process

PO-530 THE ROLE OF THE EXECUTIVE IN POLICY-MAKING

F. Intergovernmental Relations

PO-469 (G) INTERGOVERNMENTAL RELATIONS

G. Community and Regional Planning

(No course offering yet provided at BSU)

H. Comparative Public Administration and Planning Systems

PO-465 (G) COMPARATIVE PUBLIC ADMINISTRATION

II. OPTIONAL "AREAS OF EMPHASIS"

(Note: Some of the courses provided in designated "areas of emphasis" are also provided in designated "core areas," as shown above. In such cases, a course may satisfy a general core area requirement or a specific "area of emphasis" requirement in the MPA program but **NOT** both.)

A. General Public Administration

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 of specialization. At Boise State University the student may select the remaining 12 credit hours of course work from the courses listed below.

- PO-465 (G) COMPARATIVE PUBLIC ADMINISTRATION
- PO-467 (G) ADMINISTRATIVE LAW
- PO-469 (G) INTERGOVERNMENTAL RELATIONS

- PO-511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS
PO-530 THE ROLE OF THE EXECUTIVE IN POLICY-MAKING

Any of the following courses, identified as "selected topics," which will be offered as staff availability permits, may be selected also to satisfy the General Public Administration area of emphasis.

- PO-580 SELECTED TOPICS - Administrative Theory, Organization and Behavior
PO-581 SELECTED TOPICS - Public Management Techniques
PO-582 SELECTED TOPICS - Public Policy and Policy Analysis
PO-583 SELECTED TOPICS - Administrative Law
PO-584 SELECTED TOPICS - The Executive and the Administrative Process
PO-585 SELECTED TOPICS - Intergovernmental Relations
PO-586 SELECTED TOPICS - Community and Regional Planning
PO-587 SELECTED TOPICS - Comparative Public Administration and Planning Systems

Arrangements may also be made in the following courses.

- PO-593 THESIS
PO-595 READING AND CONFERENCE
PO-596 INDEPENDENT STUDY
PO-599 CONFERENCE/WORKSHOP
- B. Community, State and Regional Planning**
(No course offering yet provided at BSU in the MPA program)
- C. Criminal Justice Administration**
CR-510 SPECIAL PROBLEMS IN CORRECTIONAL TREATMENT
CR-511 SPECIAL PROBLEMS OF THE JUVENILE AND YOUTHFUL OFFENDER
CR-595 READING AND CONFERENCE
CR-598 SEMINAR IN CRIMINAL JUSTICE ADMINISTRATION
- D. Public Health Administration**
(Planned, but no course offering yet provided at BSU in the MPA program)
- E. Environmental and Natural Resources Administration**
(No course offering yet provided at BSU in the MPA program)
- F. Local Government Administration**
(Planned for future implementation as an area of emphasis at BSU).
- G. Public Finance, Budgeting, and Administrative Management**
(Planned for future implementation as an area of emphasis at BSU)
- H. Human Services Administration**
SO-510 CONFLICT AND CHANGE IN SOCIO-CULTURAL SYSTEM
SO-511 THE SOCIOLOGY OF AGE-GROUP STRATIFICATION
SO-512 SOCIAL DEMOGRAPHY
SO-580 SELECTED TOPICS - Human Services Administration
SO-595 READING AND CONFERENCE

COURSES

PO POLITICAL SCIENCE

Lower Division

101 Federal Government (3 credits). A study of the institutions and processes of the

American political system, emphasizing the social, ideological, and constitutional background. Each semester.

102 State and Local Government (3 credits). A study of the institutions and processes of state and local government with emphasis on constitutionalism, legislatures, governors and reapportionment. Each semester.

141 Contemporary Political Ideologies (3 credits). An examination of liberalism, communism, fascism, and Nazism, with emphasis on the principal ideas characterizing each "ideology". Each semester.

221 Voting Behavior and Public Opinion (3 credits). The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. Fall semester.

229 Comparative European Governments and Politics (3 credits). A comparative study of the political systems of selected European nation-states, including Great Britain, France, the German Federal Republic, Italy and the Scandinavian states. The patterns of political culture, political interests, political power, and selected public policy issues will be analyzed. Prerequisite: Federal Government (PO-101) or consent of instructor and approval of Department Chairman. Each semester.

231 International Relations (3 credits). A study of the nature of relations among nations with particular reference to contemporary international issues; an analysis of motivating factors including nationalism, imperialism, communism, a study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: Federal Government PO-101. Each semester.

Upper Division

301 American Parties and Interest Group Politics (3 credits). The major objective of this course is to develop an understanding of the nature, functions, organization, and activities of political parties and interest groups within the American political system. Emphasis will be placed on the performance of America's two major political parties, especially in the area of nominations and elections, and on the organization and lobbying activities of the major American interest groups. Fall semester.

303 Introduction to Public Administration (3 credits). Theory, administrative organization, functions and problems of public governmental units. Prerequisite: Federal Government PO-101. Fall semester.

310 Public Finance (3 credits). Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness, and policy making. (Interdepartmental course with Department of Economics). Prerequisites: EC 201 and EC 202. Spring semester.

311 Comparative Foreign Policy (3 credits). A comprehensive study of the political institutions, concepts, values, and methods of international politics relevant to the practice of nation-states; examination of foreign policies and objectives of the world's major powers; analysis of contemporary international problems; consideration of theories of international politics. Prerequisite: Federal Government PO-101 or International Relations PO-231 or consent of instructor and approval of Department Chairman. Fall semester.

320 American Policy Process (3 credits). An examination of the process through which policy is determined, implemented, and adjusted, with emphasis on the role of administrators. Prerequisite: PO 303. Either semester.

324 Comparative Communist Party-State Systems (3 credits). A comparative study of the political systems of the Soviet Union, Eastern Europe, People's Republic of China, and other Communist Party-States. Selected topics and problems relating to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is to be given to questions of political theory and political determinants in the development of the Communist Party-States. Prerequisite: Federal Government PO 101 or consent of instructor and approval of Department Chairman. Fall semester.

325 Regional Administration (3 credits). Survey of the organizational arrangements developed for planning, for providing services, and for regulating resources across city and state boundaries. Intergovernmental relations and metropolitan regions will be emphasized. Prerequisites: PO-102, PO-303. Either semester.

330 Issues in Public Personnel Affairs (3 credits). Survey of the public personnel system; including involvement of the merit system, political control of the bureaucracy, compensation plans, employee relationships and unionism. Prerequisite: PO 303. Either semester.

333 Comparative Governments and Politics of Developing Nations (3 credits). A study of the political systems of selected nations in the developing areas of the world, including nation-states in Africa, Asia, and Latin America. The patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Fall semester.

335 United States Foreign Policy (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments on the formulation of foreign policies. Spring semester.

401 Constitutional Law (3 credits). Case study of the American constitutional system and its concepts as revealed in judicial decisions. Prerequisite: Federal Government PO-101. Spring semester.

412 Legislative Behavior (3 credits). An analysis of the behavior of American state and national legislatures. Special consideration will be given to the impact of constituencies, parties, interest groups, interpersonal relations, and other related factors upon legislators, and the role of the legislature in the American political system. Prerequisite: Federal Government PO-101. Spring semester.

421 International Law (3 credits). Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to international affairs. Prerequisite: Federal Government PO-101 and International Relations PO-231. Fall semester.

SCHOOL OF ARTS & SCIENCES
Courses, PO

422 International Organization (3 credits). Historical background; the League; basic problems of international entities; the United Nations. Prerequisite: Federal Government PO 101 and International Relations PO 231. Spring semester.

431 American Political Theory (3 credits). The genesis and development of political thought in the United States from the colonial period to the present. Fall semester.

441 Part I Western Political Theory (3 credits). The development of political philosophy from Socrates to Machiavelli. Fall semester.

442 Part II Western Political Theory (3 credits). The development of political thought since Machiavelli. Prerequisite: Part I Western Political Theory PO 441. Spring semester.

451 Comparative Legal Systems (3 credits). An examination of principal legal systems of the world, with emphasis on ideational foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisites: Federal Government PO-101, Contemporary Political Ideologies PO-141, and Comparative European Governments and Politics PO-299 or consent of instructor and approval of Department Chairman. Spring semester.

461 Government and Business (3 credits). A study of the extent of government involvement in business at both the national and state levels. Includes study of antitrust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included. (This is offered as an interdepartmental course with the Department of Management and Finance and is also designated as GB 441 for students undertaking a major program in General Business.) Prerequisites: PO 101 and PO 303. Spring semester.

466G Comparative Public Administration (3 credits). Systematic examination and comparison of the varied models and theories of administrative systems. The course will cover intranational and international studies. (Students enrolled in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-303. Either semester, offered in alternate academic years. Offered in 1975-76. Spring semester.

467G Administrative Law (3 credits). Review of the sources of power and duties of administrative agencies, the rules and regulations made by the agencies through investigation and hearings, as well as judicial decisions and precedents relating to administrative activities. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-303. Either semester, offered in alternate academic years. Offered in 1975-76. Each semester.

469G Intergovernmental Relations (3 credits). An examination of interunit cooperation and conflict in the American Federal System, including state-local relationships and metropolitan dispersal and integration. (Students enrolling in this course for graduate level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-101, PO-102, and PO-303. Either semester, offered in alternate academic years. Not offered in 1975-76.

487G Organizational Theory and Bureaucratic Structure (3 credits). A socio-political analysis of the theories and concepts of complex social organizations, their application to public administration and the inter-relationship between political science and sociological organizational theory. (Students enrolling in this course for graduate level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: Upper Division standing and consent of instructor. Either semester.

498 Senior Seminar (Scope and Methods of Political Science) (3 credits). An examination of the discipline of Political Science, its central problems and unifying concerns, and an inquiry into the techniques of scientific political investigation as they relate to improved research methods. This seminar is required of all Political Science majors. Fall semester.

(The 400 level courses identified with (G) are offered for graduate credit.)

Graduate

510 Fiscal Processes and Public Budgeting Process (3 credits). The 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. Either semester. Not offered in 1975-76.

511 Program Evaluation and Quantitative Analysis (3 credits). The application of social science research to administrative problems, including practical methods of gathering, analyzing, and interpreting data. Theory and basic techniques underlying quantitative analysis of public programs. Either semester. Spring semester.

520 Public Policy Formulation and Implementation (3 credits). The process of policy-making both within an agency and within the larger context of the total governmental process, emphasizing policy and program planning, policy implementation and the value system of administrators. Either semester.

530 The Role of the Executive in Policy-Making (3 credits). A study of the American executive, including the president, the governor, and the mayor, with consideration given to changes in their institutional settings and role conceptions. An examination of the role of the executive in the policy-making process, including sources of strength and weakness and the strategies used to enact their programs. The problems of the relationship of the executive to the bureaucracy will also be reviewed. Either semester.

The following courses identified as "selected topics" are to be offered as staff availability permits:

580 Selected Topics—Administrative Theory, Organization, and Behavior (3 credits).

581 Selected Topics—Public Management Techniques (3 credits).

582 Selected Topics—Public Policy and Policy Analysis (3 credits).

583 Selected Topics—Administrative Law (3 credits).

584 Selected Topics—The Executive and the Administrative Process (3 credits).

585 Selected Topics—Intergovernmental Relations (3 credits).

586 Selected Topics—Community and Regional Planning (3 credits).

587 Selected Topics—Comparative Public Administration and Planning Systems (3 credits).

590 Public Service Internship (Variable Credit). A public service internship is to be arranged, as field experience, for those students with no prior experience in governmental or other organization assignments. Such internships will be established and arrangements made for placement through the chairman of the Department of Political Science.

593 Thesis (3 credits/semester). Selection of approved topic in public administration for major preparation and defense through consultation with major advisor.

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.

596 Independent Study (1-3 credits). Special projects undertaken by the MPA student as advanced tutorial study in specialized areas according to the needs and interests of an individual student. The course embodies research, discussions of the subject matter and procedures with a designated professor and a documented paper covering the subject of the independent study.

599 Conference 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.

PY PHILOSOPHY

Lower Division

101 Introduction to Philosophy (3 credits). A general background in the various areas of the discipline is presented after which specific philosophical problems are examined in light of the solutions by various philosophers in Western culture. The areas examined include metaphysics, ethics, and epistemology. Each semester.

121 Introduction to Logic (3 credits). Logic is the science of valid reasoning. To be studied are the logical rules of inference, methods of argumentation, logical problem solving and the nature of logical fallacies. Fall semester.

211 Ethics (3 credits). Problems of both normative ethics and metaethics are examined. Normative ethics concerns the norms and guidelines of moral behavior. Various solutions are offered in response to the question, "What ought one do, given a moral dilemma?" Metaethics is principally concerned with the nature of ethical statements. Naturalism, intuitionism, and emotivism are thus examined. Spring semester.

231 Philosophy of Religion (3 credits). The various types of arguments for the existence of God are examined. Various conceptions of the nature of God are explored as well as such problems as the problem of evil and problem of free will. Either semester.

245 Metaphysics (3 credits). As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, (c) the problem of personal identity, and (d) ontology. Prerequisite: PY 101. Fall semester.

247 Epistemology (3 credits). This course covers the theory of knowledge, including (a) an examination of the relationships and the difference between knowledge and belief, (b) an evaluation of the theories of perception and (c) theories of truth. Prerequisite: PY 101. Spring semester.

249 Ancient Philosophy (3 credits). A study of selected works of Plato and Aristotle. Prerequisite: PY 101. Fall semester.

251 Medieval Philosophy (3 credits). A study of the works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, Williams of Ockham, and other contributors to intellectual thought during the Middle Ages. Prerequisite: PY 101. Spring semester.

Upper Division

303 The Age of Absolutism and Reason (Philosophy) (3 credits). A study of European thought in the seventeenth and eighteenth centuries: The age of absolutism, ideas of the *philosophers* and the crisis of the old regime leading to revolution. Prerequisite: Introduction to Philosophy, PY 101. (Course may be taken either for History credit or for Philosophy credit, but not for both). Either semester, alternate years. Offered 1975-76.

334 Phenomenology and Existentialism (3 credits). This course explores the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world; yet the rational mind strives for objectivity. The clash between the two leads man to ask the very basic questions, "Who am I?" and "What is my relationship to the external world?" The former is an existential question and the latter is a phenomenological one. Prerequisite: PY 101. Fall semester.

404 Symbolic Logic (3 credits). A study of the translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through the rules of propositional calculus. Prerequisite: PY 121. Spring semester.

406 Philosophy of Science (3 credits). This course seeks to examine such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or PY 121. Fall semester.

DEPARTMENT OF SOCIAL WORK

Chairman and Professor: Mrs. Irene A. Wilcox; *Assistant Professors:* Beck, Huff, Panitch; *Visiting Professor:* VanOrman.

Clinical Associates: Sue Weldman, Health and Welfare; Ulisse C. Pardini, Health and Welfare; Arlene Warner, Idaho Office on Aging; Connie Bradley, Health and Welfare; Charles Hansen, Veterans Administration Hospital; Art Dodson; Casey Family Program; Elinor Jacobson, Casey Family Program; Melvin K. Melton, Veterans Administration Hospital; Gail Thompson, Health and Welfare; Cookie Atkins, Idaho Migrant Council; Julie Takevchi, Idaho Migrant Council; Barry Kurz, VA Hospital.

REQUIREMENTS FOR SOCIAL WORK MAJOR

Bachelor of Arts Program

	CREDITS
General University and Major Requirements	128
A. Lower Division Courses	74
English Composition	6
Literature	6
Humanities	6
History	6
Lab Science or Math	12
Speech	3
Economics	3
Intro-Sociology	3
Social Problems	3
General Psychology	3
State and Local Government	3
Intro-Social Work	3
Elementary Social Work Processes	3
General Electives	14
B. Upper Division Courses	54
Social Welfare	3
Normal Social Functioning	3
SW Methods - Casework	3
SW Methods - Groupwork	3
SW Methods - Community Organization	3
Statistics	3
Psychology Electives	9
Field Work	10
General Electives	15
Senior Seminar	2

COURSES

SW SOCIAL WORK

Lower Division

101 Introduction to Social Work (3 credits). Survey of the field of social welfare, and the need for social services in society. Social work function and career opportunities. Required for social work major. Each semester.

201 Elementary Social Work Processes (3 credits). This course is an introduction to communication skills and interviewing techniques which are specific to the practice of Social Work. Community social service resources are reviewed. This includes three (3) hours of service per week in a social service agency, integrating interviewing skills with actual practice. Prerequisite: SW-101. Each semester.

Upper Division

301 Social Welfare (3 credits). Social welfare as an institution Man and his needs, public vs. private social responsibility. Prerequisite: Introduction to Sociology, SW-101. Each semester.

321 Normal Social Functioning (3 credits). A review of human behavior with special emphasis on observation and understanding for social workers. Required for social work majors. Prerequisite: SW 101. Each semester.

385 Social Work Methods Casework (3 credits). An examination of skills employed to serve individuals, groups, and communities; Interviewing, case work, group work, case recording. Prerequisite: SW 321. Each semester.

430 Social Work Methods — Community Organization (3 credits). A study of community structure, organization, and attitudes. Techniques for understanding communities, methods of working in communities. Prerequisite: SW 385. Each semester.

435 Social Work Methods — Groupwork (3 credits) Dynamics of group behavior Understanding group interaction and the processes of working with groups. Prerequisite for Social Work majors: SW-430. Prerequisite for non-Social Work majors: Permission of instructor. Each semester.

480, 481 Field Work (5 credits). Sixteen hours per week, the student works as a practicing social worker under the supervision of a professionally trained and experienced social worker. The student functions as an integrated staff member except in those areas where educational benefits conflict with agency needs. All juniors must apply for admission into the field work program prior to the beginning of their second semester. Before the final decision is made as to where the student will spend his time in field placement, he is interviewed by a team of faculty members who will attempt to pinpoint important gaps or needs. Prerequisites: SW-385 and in instructor's permission. Each semester.

498 Senior Level Seminar (2 credits). Discussion of topics of particular interest to Social Work students who are planning to enter practice. Prerequisite: senior standing in Social Work. Enrollment of one semester required. Each semester.

DEPARTMENT OF SOCIETAL AND URBAN STUDIES

Chairman and Professor: Dr. Patricia M. Dorman, *Associate Professors:* Christensen, Harvey, Pavesic, Scheffer; *Assistant Professors:* Baker, Corbin, Cox, Hopfenbeck, Marsh, Taylor; *Visiting Professor:* Ames.

The Department believes that the condition of urban life in modern society requires a broad, interdisciplinary approach to provide competency and knowledge in the areas of societal and urban studies. In addition, the curriculum offers current perspectives for resolving many of the existing problems which face man. It provides an opportunity for each student to gain both the scientific and practical knowledge in three disciplines: sociology, anthropology and criminal justice administration.

Capitalizing on a variety of fields, the Department offers students an opportunity for entry into the rapidly growing occupational areas of personal services in urban society. The Department also offers a sound undergraduate curriculum preparatory to graduate study in each baccalaureate program.

CRIMINAL JUSTICE ADMINISTRATION

General University and core requirements to meet either Bachelor of Arts or Bachelor of Science program as given on page 17-18 except:

A. Criminal Justice majors are required to take	64
Defensive Tactics*	1
Fundamental Concepts of Math	4
Fundamentals of Speech-Communication	3
Contemporary Economic Problems	3
Federal Government	3
State and Local Government	3
Principles of Accounting	3
Business English**	3
B. Major Requirements	
Lower Division	18
Law Enforcement in Modern Society	3
Patrol Administration	3
Jail Administration	3
Law of Criminal Evidence	3
Criminal Investigation	3
Vice and Organized Crime	3
Upper Division	24
Administration of Justice	3
Police Organization and Management	3
Criminal Law	3
Contemporary Law Enforcement Problems	3
Comparative Law Enforcement Administration, or Introduction to Criminalistics	3
Abnormal Psychology	3
Juvenile Delinquency	3
Criminology	3
C. Electives	16-18
Upper Division Criminal Justice (Electives)	6
Upper Division (Electives)	10-12

*The following courses are strongly recommended: Judo, Self Defense

** Required of students who do not meet competency standards

ASSOCIATE OF SCIENCE

	CREDITS
A. Criminal Justice majors are required to take:	38-41
Defensive Tactics*	1
Fundamental Concepts of Math	4
Lab Science	4
English Composition	3 or 6
Literature	3
History	3
Fundamentals of Speech-Communication	3
Contemporary Economic Problems	3
Federal Government	3
State and Local Government	3
Principles of Accounting	3
Business English**	3
B. Major Requirements	18
Law Enforcement in Modern Society	3
Patrol Administration	3
Jail Administration	3
Law of Criminal Evidence	3
Vice and Organized Crime	3
Criminal Investigation	3
C. Electives to bring total credits to	64

*The following courses are strongly recommended. Judo, Self Defense
**Required of students who do not meet competency standards.

**REQUIREMENTS FOR
SOCIAL SCIENCE MAJOR**

Bachelor of Arts Program

I. Liberal Arts Option	
1. General College and Basic Core requirements:	
2. Social Science requirements:	
	CREDITS
A. Lower Division Courses	21
Anthropology	3
Economics	3
History	3
Political Science	3
Sociology	3
Social Science Electives	9
B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields):	24
Anthropology	
Economics	
History	
Political Science	
Sociology	
Psychology	

REQUIREMENTS FOR SOCIOLOGY MAJOR

1. General University and core requirements to meet <i>either</i> Bachelor of Arts or Bachelor of Science Program* as given on page 16-18.	
2. At least 78 credit hours in fields other than sociology, including at least 15 hours in a single field or in a related group of subjects as defined by the individual student in consultation with his advisor.	
3. At least 29 credit hours in Sociology including:	
	CREDITS
Introduction to Sociology	3
Elementary Social Statistics	3
Social Research	3
History of Sociology	3
Current Sociological Perspectives	3
Sociology Seminar	
Sociology Seminar	2

Group 1 Courses	3
Population	
Sociology of the Family	
Sociology of Religion or	
Racial and Cultural Minorities	
Sociology of Aging	
Group 2 Courses	3
American Society	
Social Institutions	
Social Stratification	
Industrial Sociology	
Rural Community or	
Urban Community	
* The following courses are strongly recommended:	
HY 102, 103 — History of Western Civilization	
Mathematics — 8 hours	
P 101 — Introduction to Psychology	
Group 3 Courses	3
Social Change	
Social Psychology	
Organizational Theory &	
Bureaucratic Structure	
Group 4 Courses	3
Deviant Behavior and Social Control	
Juvenile Delinquency	
Criminology or	
Social Problems	

Sociology — Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

	Credit Hours
1. General College and Basic Core requirements	18-39
2. 2 approved teaching minors, 15 hours each (minors to be selected from the following field: Political Science, Anthropology, History, Geography, or Economics)	30
3. Sociology courses (required courses are the same as for the Sociology major above, including at least 15 upper division hours)	30
4. Education courses to meet Idaho State Department of Education Certification requirements for teachers in Secondary Education	20
5. State requirements for teacher certification, including	
U.S. History	6 hours
American Government	3 hours
6. Electives to complete a total of 128 credit hours, including 40 upper division credit hours	0-21
15 Hour Emphasis for Social Science Secondary Education options. To include So-101 Introduction to Sociology and at least 6 upper division hours.	
15 hour Anthropology emphasis in Social Science - Secondary Education options	
Required courses	9 credit hours
AN-202 Cultural Anthropology	3
AN-201 Physical Anthropology	3
An-311 Peoples and Cultures of the World	3
Upper Division Anthropology Electives	6 credit hours

Multi-Ethnic Studies — Social Science

"The Multi-Ethnic Studies Program, which is open to all students, is an inter-disciplinary area of emphasis which will help students provide themselves with an understanding of traditions, cultures, languages, problems, and perspectives.

The program is supervised by an interdisciplinary group of faculty and students. Prospective majors may contact Dr. John Jensen, Department of Teacher Education; Dr. P. K. Ourada, Department of History; or A. R. Corbin, Department of Societal and Urban Studies," to develop program of study.

COURSES

AN ANTHROPOLOGY

Lower Division

201 Physical Anthropology (3 credits). An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior. Each semester.

202 Cultural Anthropology (3 credits). The meaning of culture; its significance for human beings, similar and diverse forms and degrees of elaboration of culture in relation to technology economic systems, social organization, values and beliefs. Each semester.

203 Introduction to Archaeology (3 credits). An introduction to the historic background and basic techniques of archaeological excavation. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, their activities and their histories. Either semester.

Upper Division

303 Old World Prehistory (3 credits). An in depth study of the evolution of man and the development of culture. The course traces man's development from the first known evidence of cultural behavior (ca two and a half million years ago); the development of man during the "Ice Age," the spread of man throughout the Old World, the domestication of plants and animals, and the rise of civilization. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

307 Indians of North America (3 credits). A general survey with emphasis on the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

311 Peoples and Cultures of the World (3 credits). The cultural patterns of representative aboriginal peoples. Technology, subsistence, social organization, and super naturalism considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

315 Indian Peoples of Idaho (3 credits). A study of the prehistoric and recent cultures of the native peoples of Idaho. Topics will include the interpretation of ancient Idaho cultures, the distinctiveness of the recent tribal groupings; and the relationship between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. Prerequisites: AN 202, upper division status, or consent of instructor. Either semester.

412 Archaeology of North America (3 credits). A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. Special emphasis is given to the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the Intermountain West. Prerequisite: AN 203, upper division status, or consent of instructor. Either semester.

421 Theory and Method in Archaeology (3 credits). A survey of the philosophical and theoretical foundations of archaeology. Includes the developments in methodology and technical advances as applied to archaeological research. Prerequisite: AN 203, upper division status, or consent of instructor. Spring semester.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division

201 Law Enforcement in Modern Society (3 credits). A study of philosophy, history, objectives and the functions of law enforcement as an institution, institutional relationship to society; general overview of the administration of justice. Each semester.

212 Jail Administration (3 credits). Historical development of, local detention facilities present and future trends of operation and administration. Operation of programs for the sentenced misdemeanor, first offenders, female and juvenile offenders. Special problems relative to inmate social interaction and supervision of prisoners. Prerequisite: CR 201. Fall semester.

215 Patrol Administration (3 credits). The Patrol function as the fundamental police operation multi-level decision and policy making processes, determination of functional areas of patrol responsibility. Prerequisite: CR 201. Fall semester.

225 Vice and Organized Crime (3 credits). The history, cause, nature, and control of vice and organized crime are studied. Prerequisite: CR 201. Spring semester.

231 Criminal Investigation (3 credits). Designed to acquaint the student with investigation as it involves the application of the investigative process in criminology, discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime. Prerequisite: CR 201. Spring semester.

275 Law of Criminal Evidence (3 credits). Presentation of the laws and rules of evidence, burden of proof, exclusionary rule, presumption, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. Prerequisite: CR 201. Fall semester.

Upper Division

301 Administration of Justice (3 credits). A study of the administration of justice affected by jurisprudence. Rules of Criminal Procedures, and Law of Evidence. Prerequisite: CR 201 and upper division status. Fall semester.

321 Criminal Law (3 credits). An analysis of the Law of Arrest, Search, and Seizure, and criminal law and its effect on the enforcement of the tolerance limits of society. Prerequisite: CR 201, upper division status. Spring semester.

331 Probation and Parole (3 credits). Historical development, organization, operation, purpose and outcome of post-conviction release programs. Included will be probation, parole, work-release and others. Analysis of program effectiveness. Review of the role of the probation and parole counselor within the program framework. Prerequisites: CR 201, P-101 and SO-101, upper division status. Spring semester.

***340 Principles of Interviewing** (3 credits). Familiarization with the elements of the interviewing process for law enforcement personnel. Included are both the counseling and interrogative aspects with a view of promoting effective and productive relationships within any interviewing situation. Prerequisite: CR 201, P-101, upper division status. Fall semester.

351 Police Organization and Management (3 credits). The principles of organization and management as applied to law enforcement administration, current and future problems in criminal justice administration. Special course materials cost \$6.00. Prerequisite: CR-201, upper division status. Fall semester.

361 Correctional Administration (3 credits). History of correctional institutions, present and future trends of handling the offender in the community and through institutionalization. Review of the President's Task Force Report on Corrections. Organization and program structure within a penal institution. Prerequisite: CR 201, SO-101, upper division status. Each semester.

***380 Introduction to Criminalistics** (3 credits). Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigation and laboratory techniques. Prerequisite: CR-201, upper division status. (Alternate years). Spring semester.

411 Contemporary Law Enforcement Problems (3 credits). Exploration of current and anticipated administrative procedural areas of difficulty as they result from changing public opinion, employee needs and demands, court precedent and decision, and progressive developments and experimentation within law enforcement. Prerequisite: CR 201, upper division CJA standing. Spring semester.

420 Private and Industrial Security (3 credits). Philosophy and techniques of operation in the areas of security organization and management, investigations, physical plant and personnel security, and legal and jurisdictional limitations. Prerequisite: CR 201, upper division CJA standing. Fall semester.

***451 Comparative Law Enforcement Administration** (3 credits). An analysis and comparison of law enforcement systems at the Federal, State, and local levels, and International systems. Prerequisite: CR 201, upper division CJA standing. (Alternate years). Spring semester.

*Limited to Criminal Justice Administration majors.

Graduate*

510 Special Problems in Correctional Treatment (3 credits). Analysis of contemporary problems in the correctional programs of American society. Either semester. (Not offered 1975-76).

511 Special Problems of the Juvenile and Youthful Offender (3 credits). 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. Either semester. (Not offered 1975-76).

580 Selected Topics—Criminal Justice Administration (3 credits). (To be offered according to staff availability.)

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.

598 Seminar in Criminal Justice Administration (2 credits). Intensive analysis of selected subject areas of the system of criminal justice administration. Prerequisite: CR-301. Either semester. (Not offered 1975-76.)

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

SOCIOLOGY

Lower Division

101 Introduction to Sociology (3 credits). Introduction to the sociological perspective, analysis of the basic elements of human groups and societies, culture, social organization, socialization: inequality, and population. Each semester.

102 Social Problems (3 credits). Application of the sociological analysis to contemporary problems associated with the structure of American society. Each semester.

230 Introduction to Multi-Ethnic Studies (3 credits). This course views majority and minority relations and confronts, challenges and motivates students to know themselves better and understand some societal problems; viz, racism, prejudice, etc. The course deals with the degree to which ethnic relations involve questions of economic and political power and the distribution of that power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality. Either semester.

240 Sociology of the Family (3 credits). An analysis of courtship, marriage, kinship, and family Mpatterns in the United States and selected societies. Theories and facts of the relationships of these patterns to the larger society. Prerequisite: SO-101. Either semester.

SCHOOL OF ARTS & SCIENCES

Theatre Arts

250 Population (3 credits). The theory of population from Malthus to the present (1) Social factors that influence population size, such as birth control and inadequate housing; (2) composition of the population, past and present trends of populations. Prerequisite: Introduction to Sociology SO-101. Either semester.

Upper Division

305 Racial and Cultural Minorities (3 credits). Analysis of inter-ethnic contacts. The development of racial attitudes; theories relating to causal factors of prejudice and discrimination. Prerequisite: Introduction to Sociology SO-101 or General Psychology P-101 and upper division status. Either semester.

310 Elementary Social Statistics (3 credits). The application of measurements to social research data. Basic statistical measures, techniques for their application, meaning and use in research. Recommended for majors, to be taken in the Junior year and followed by SO 311. Prerequisite: SO-101, High School Algebra, upper division status. Fall semester.

311 Social Research (3 credits). An introduction to the empirical basis of modern sociological methods of research, design and the statistical analysis of social data. Prerequisite: Introduction to Sociology SO 101, Elementary Social Statistics SO-310 and upper division status. Spring semester.

321 American Society (3 credits). An analysis of American society in terms of the growth, structure, and change of its major social institutions, economy, government, religion, education and family. Prerequisite: Introduction to Sociology So-101 and upper division status. Either semester.

325 Sociology of Aging (3 credits). Analysis aging as a social process, emphasizing the changing role as a result of the process, the demands made on and by society because of the way it defines and deals with age, and the problems created for society and for the aged as a result of values, attitudes and beliefs. Prerequisite: SO 101 and upper division status. Either semester.

331 Deviant Behavior and Social Control (3 credits). Analysis of the forms and causes of social deviancy how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO-101 and upper division status. This course may be used as either Sociology or Criminology credit. Either semester.

351 Social Institutions (3 credits). Study of the basic institutions. An analysis of values, forms, and behavior organized around the important goals of society. Prerequisite: SO-101, and upper division status.

361 Industrial Sociology (3 credits). Study of the social organization of work in industrial society with attention to internal human relations and to the external relations in the community and society. Prerequisite: SO-101 and upper division status. Either semester.

401 History of Sociology (3 credits). Presociological perspectives on society from ancient times to the present. Relationships of social thought and social structure. Theories of selected sociologists. Prerequisite: SO-101 and upper division status. Fall semester.

402 Current Sociological Perspectives (3 credits). Major theoretical issues in contemporary sociology; works of leading contemporary sociologists. Prerequisite: SO-101 and upper division status. Spring semester.

403 Social Change (3 credits). This course will study the factors which give rise to and influence the acceptance or rejection of innovations, and their effects on social institutions. Prerequisites: SO 101 and upper division status. Either semester.

407 Sociology of Religion (3 credits). A study of religion as a social phenomenon. Prerequisite: SO-101 and upper division standing. Offered alternate years * Either semester. (Not offered in 1975-76).

415 Juvenile Delinquency (3 credits). A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO-101 and upper division status. This course may be used as a Sociology or Criminology credit. Either semester.

417 Criminology (3 credits). Sociology as applied to the study of "crime" as defined by the laws of society; the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO 101 and upper division status. This course may be used as a Sociology or Criminology credit. Either semester.

421 Social Stratification (3 credits). Examination of the theoretical and methodological approaches to the study of the wealth, prestige and power distribution of local and national stratification systems, implications for the functioning of communities with emphasis on the problems of poverty. Prerequisite: SO 101 and upper division status. Spring semester. Offered alternate years. Not offered in 1976-77.

424 Rural Sociology and the Emerging Nations (3 credits). The sociological study of rural life, the agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101 and upper division status. Either semester.

425 The Urban Community (3 credits). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the causes of urbanization and its consequences for individual and group interaction. Prerequisite: SO-101, and upper division status. Either semester.

431 Social Psychology (3 credits). Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite P 10 or SO 101 upper division status. Either semester.

487 Organizational Theory and Bureaucratic Structure (3 credits). A socio political analysis of the theories and concepts of complex social organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. (This course is offered on an interdepartmental basis with the Department of Political Science and is also designated as PO 487 for students undertaking a major program in Political Science.) Prerequisite: Upper division standing and consent of the instructor. Either semester.

498 Sociology Seminar (2 credits). Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

Graduate*

501 The Sociology of Education (3 credits). A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society. Prerequisite: Graduate Status and SO 101. Summer.

510 Conflict and Change in Socio-Cultural Systems (3 credits). The theory and evidence of socio-cultural change, as viewed from anthropological and sociological perspectives, demonstrating the evolutionary and revolutionary trends, with focus on the interaction between technological, institutional and value systems as they affect human development and the provision of social services. Either semester.

511 The Sociology of Age Group Stratification (3 credits). 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. Either semester.

512 Social Demography (3 credits). 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 the planning for human service programs. Either semester. Not offered 1975-76.

580 Selected Topics—Human Services Administration (3 credits). (To be offered according to staff availability.)

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.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

DEPARTMENT OF THEATRE ARTS

Chairman and Associate Professor: Dr. Robert E. Ericson; Professor: Shankweiler; Associate Professor: Lauterback; Assistant Professor: Corbett, Heise; Special Lecturer: Ringer.

REQUIREMENTS FOR THEATRE ARTS MAJOR

Bachelor of Arts Program

General college requirements as listed under college requirements, Bachelor of Arts degree except:

- A. Theatre Arts majors are required to take two hours of Physical Education courses as recommended by their advisor, (i.e., fencing, dance, gymnastics, etc.)

	CREDITS
B. Area I	12
Intro to Theatre and Art or Music	6
Dramatic Literature	3
Elective Literature course	3
C. Area II	12
History of Western Civilization	6
General Psychology	3
Elective	3
D. The department recommends that Theatre Arts majors take one year of foreign language, and LS 101.	

MAJOR SUBJECT REQUIREMENTS

THEATRE:	
Introduction to Theatre	3
Technical Theatre	6
Acting (lower division)	3
Stage Voice	3
World Drama	6
Directing	3
Theatre History	6
Contemporary Drama	3
	33

(Upper Division — 21)

SECONDARY EDUCATION:

Departmental requirements for the Secondary Education Option are the same as regular theatre major plus.

TA-402 Directing

E-345 or E-346 Shakespeare is substituted for Contemporary Drama TA-445

The student must also satisfy the requirements for teacher certification.

THEATRE ARTS MAJOR

Bachelor of Arts Program

(Suggested Sequence: departmental requirements are indicated by asterisks)

THEATRE EMPHASIS:

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Physical Education*	1	1
Laboratory Science	4	4
General Psychology*	—	3
Introduction to Theatre*	3	—
Technical Theatre*	3	3
Art or Music	—	3
Introduction to use of Books & Libraries	2	—
	16	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Literature Elective	3	—
Dramatic Literature*	—	3
Western Civilization*	3	3
Acting*	3	—
Social Science Elective	3	—
Laboratory Science	—	4
Oral Interpretation	3	—
Electives	1	6
	16	16

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Foreign Language	4	4
Stage Voice*	3	—
World Drama	3	3
Electives (Upper Division)	6	8
	16	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Directing*	3	—
Theatre History*	3	3
Electives (Upper Division)	6	9
Contemporary Drama*	3	—
Theatre Theory & Criticism	—	3
	15	15

SECONDARY EDUCATION EMPHASIS:

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Physical Education*	1	1
Laboratory Science	4	4
Fundamentals of Speech	3	—
General Psychology*	—	3
Introduction to Theatre*	3	—
Technical Theatre*	3	3
Electives	—	3
	17	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Literature Elective	3	—
Dramatic Literature*	—	3
Western Civilization*	3	3
Laboratory Science	—	4
Social Science Elective	3	—
Oral Interpretation	—	3
Acting*	3	—
Electives	4	3
	16	16

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Foreign Language	4	4
Stage Voice*	3	—
Shakespeare*	—	3
Speech for Teachers	—	3
Educational Psychology	3	—
Foundations of Education	—	3
Philosophy	3	—
World Drama*	3	3
	16	16

SENIOR YEAR:	1ST SEM.	2ND SEM.
Directing*	3	3
Theatre History*	3	3
Secondary School Methods	3	—
Education Electives	—	3
Student Teaching	3	—
Electives	—	6
	15	15

MASTER'S DEGREE IN SECONDARY EDUCATION

Theatre Arts Emphasis

Admissions and Program

A. Entrance Requirement

The candidate must have an undergraduate major in Theatre from an accredited institution or successfully pass a diagnostic examination written and administered by a member of the Theatre Arts Department.

Course Offerings

A. Required Courses

1. TA-511 Theatre Research and Bibliography - 3 credits
2. TA-524 Twentieth Century Theatre - 3 credits
3. Thesis or Project. The department recommends a thesis (TA-593) or project (TA-591). However, the option of additional hours is available upon approval of the department chairman.
4. Three hours of a 400 or 500 level Dramatic Literature course as offered in either the English or Theatre Arts Department.

B. Elective Courses

Additional courses as planned by the student and his graduate committee.

Additional Information

- A. Culminating Activity. Thesis or Project part of this work may be creative. That is, a student may be permitted to demonstrate his competence in the area of his greatest interest. A candidate most interested in directing may be allowed credit for directing a full length production. Such an activity would culminate in a written presentation and analysis by the candidate to his graduate committee.
- B. For each candidate, an informal oral examination is planned at the end of the program. It is not a pass/fail examination but rather a period in which student and faculty examine each other with the improvement of the entire program as a goal.

*The graduate level courses to support this program will be offered regularly in the fall and spring semesters when funded by the legislature.

COURSES

TA THEATRE ARTS

Lower Division

107 Introduction to Theatre (3 credits). A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theater, dramatic literature and techniques. Each semester.

117-118 Technical Theatre (3 credits). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre; the mechanical characteristics of the stage and the elements used in productions; development of drafting skills, problems solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required. Fall, Spring semesters.

162 Stage Make-up (2 credits). Investigation of and production analysis of stage make-up; the relationship of actor to play and audience; an integration of make-up and other technical aspects that influence this particular art. Practical application is stressed. Fall semester.

215-216 Acting (3 credits). Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture, two hours lab per week required. Fall, Spring semesters.

220 Cinema: History and Aesthetics (3 credits). An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form. Selected motion pictures projected and discussed in class. Each semester.

230 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium from critical and historical points of view. Course includes a study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content. Spring semester.

232, 432 Repertory Theatre (3 credits). The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits TA 232 and-or TA 432, 6 credits. Each semester.

Upper Division

311-312 Advanced Acting (3 credits). Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or consent of instructor. Fall, Spring semesters. Alternate years.

331 Major Production Participation (1 credit). Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

333 Stage Voice (3 credits). Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility, as applied in work with actual scenes. Either semester.

334 Advanced Oral Interpretation (3 credits). Analysis and oral presentation of advanced literary works in prose, poetry and drama. Course includes dramatic interpretation, program recitals, reader's theatre and continued practice in vocal development. Prerequisite: CM 241 or consent of instructor after audition. Offered spring semester.

341 World Drama 500 BC-1570 (3 credits). Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate Fall semesters.

342 World Drama 1570-1870 (3 credits). Same as TA 341, except that the period covered is from 1570 A.D. through 1870. Alternate Spring semester.

343 World Drama 1870 to 1960 (3 credits). Same as TA 341 except that the period covered is from 1870 to 1960. Alternate Spring semesters.

351 Elements of Scenic Design (3 credits). Major skills of beginning design. Included will be art techniques for theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.

352 Costume Design (3 credits). Major skills of beginning costume design. Included will be art techniques for theatre; research in major periods of costume design; examination of major costume designers' works, and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semester.

362 Stage Lighting Design (3 hours credit). A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. Prerequisite: TA-117-118. Alternate Spring semesters.

401-402 Directing (3 credits). Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems of directing are presented. Prerequisite: Upper Division standing. Each semester.

421g-422g Theatre History (3 credits). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

445 Contemporary Drama (3 credits). A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate spring semesters.

451 Theatre Theory and Criticism (3 credits). Aesthetic theory as it pertains to the art of the theatre; script and production analysis based upon theoretical principles, and their practical application. Prerequisite: Senior standing. Alternate Fall semesters.

481 Puppetry (3 credits). An introduction to the art and craft of puppetry. Emphasis in the class will be on the actual construction of puppets and the creation of puppet plays.

487g-488g Children's Theatre (3 credits). Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production, selection of a selected script. Fall, Spring semesters in alternate years.

491 Senior Projects (3 credits). A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formally written, fully documented thesis describing his production and the concept involved. Spring semester.

Graduate

511 Theatre Research and Bibliography (3 credits). Instruction and practice in techniques of research with special reference to problems peculiar to theatre as an academic discipline. Special attention to evaluation, organization, and presentation of materials. Instruction in bibliographic information, analysis and use. Prerequisite: Graduate Status.

520 Graduate Theatre Practicum (1-3 credits). Supervised activity in performing, designing, and/or directing. May be repeated up to three credits. Prerequisite: Graduate Status.

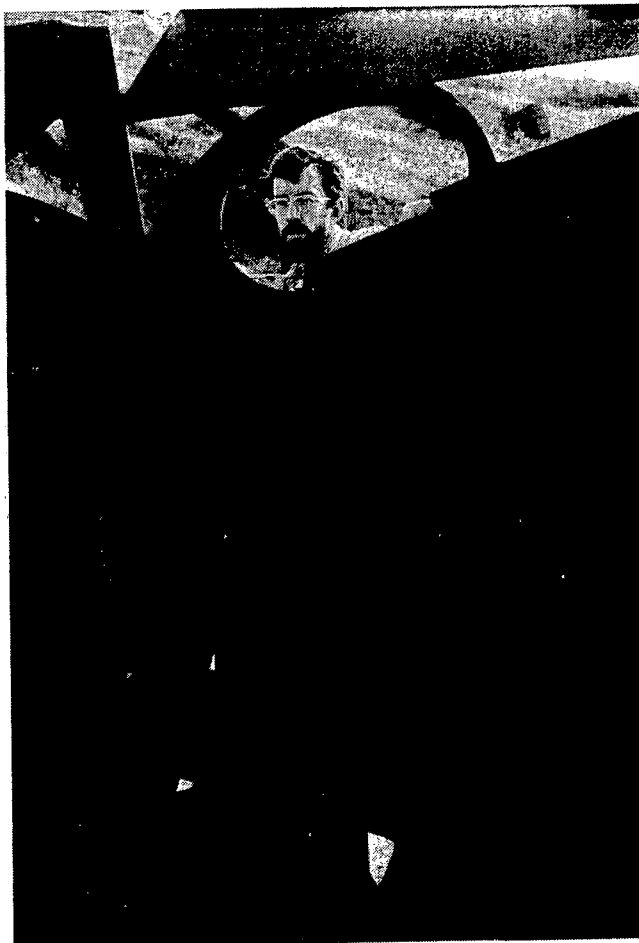
524 Twentieth Century Theatre (3 credits). A study of the major producing theatres of the Western world; their organization, principles, architecture and styles. Prerequisite: Graduate Status; a class in Introduction to Theatre or equivalent. General knowledge of theatre practice in the United States.

531 Educational Theatre: Curriculum and Production (3 credits). A study of problems, procedures and theories concerning theatre course work and theatre production work in public schools. Prerequisite: Graduate Status.

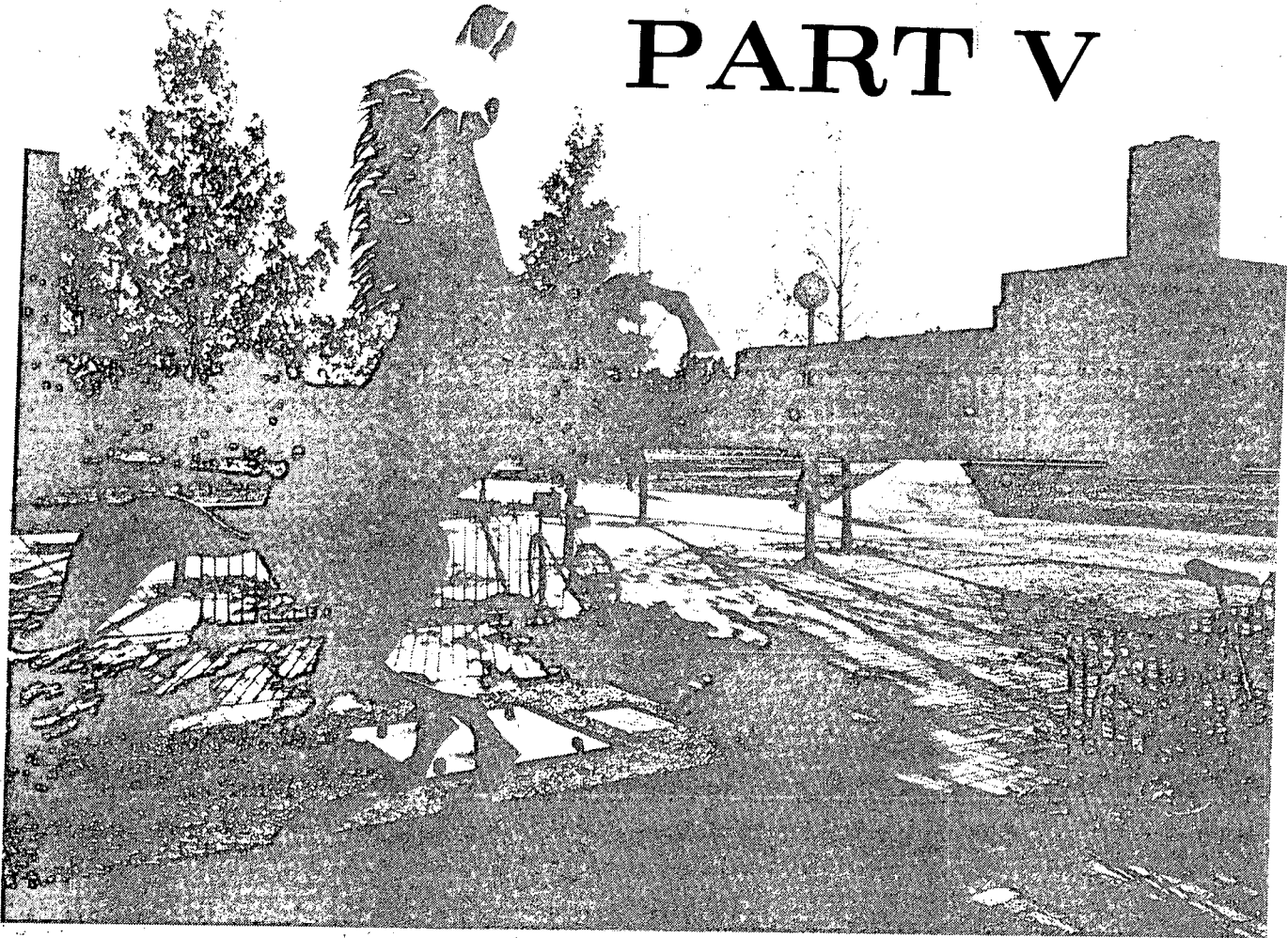
541 Seminar in Dramatic Literature (3 credits). A varying study in dramatic literature including such subjects as dramatic form and genre, individual playwrights, and historic periods. May be repeated for credit as subject matter changes. Prerequisite: Graduate Status. A class in Introduction to Theatre or equivalent. Upper Division undergraduate course in dramatic literature.

591 Project (3 credits).

593 Thesis (3 credits). Repeatable once, total not to exceed 6 credits.



PART V



School of Business

Dean: Charles D. Lein, Ed.D.

Assistant Dean and MBA Program Coordinator: J.G. Doss, M.S.

Departments and Faculty

Department of Accounting and Data Processing:

Chairman and Associate Professor: Dr. Harold M. Nix; *Associate Professors:* Carson, Koester, Medlin, Merz; *Assistant Professors:* Behling, Bradley, Kaiser, Millier, Shannon, Sloan; *Special Lecturer:* Seader.

Department of Business Education and Office Administration:

Chairman and Professor: Dr. Marvin A. Clark; *Professor:* Cornwell; *Associate Professors:* Albertson, Brender, Johnson, Manship, Williamson; *Assistant Professor:* Bounds; *Special Lecturer:* Carlton.

Department of Economics:

Chairman and Associate Professor: Dr. Richard Payne; *Professor:* Lamborn; *Associate Professors:* Billings, Hart Mitchell; *Assistant Professors:* Eastlake, Holley, Lichtenstein, Sula.

Department of Management and Finance:

Chairman and Professor: Mr. Jesse M. Smith; *Professors:* Lein, Phillips, Stitzel, Wilson; *Associate Professors:* Allen, Grant, Kinslinger, Tipton, Waldorf, White, Wolfe; *Assistant Professors:* Bohner, Doss, Fitzpatrick, Gardner, Groebner, Lyon, Nix, Sarko; *Instructor:* Heist.

Department of Marketing and Mid-Management:

Chairman and Professor: Dr. Duston R. Scudder; *Professors:* Godfrey, Knowlton, Young; *Associate Professors:* Adkins, Lane, McWilliams.

PHILOSOPHY OF THE SCHOOL OF BUSINESS

The School of Business at Boise State University is a unique and evolving product of its environment. The ultimate objective is to encourage the individual student's intellectual growth.

This goal should focus on: (1) comprehension of the economic system in which the student lives, (2) the student's ability to cope with and contribute to a changing business environment, and (3) the student's development of a set of concepts and skills which will qualify one to function in a professional field of interest.

We believe that this philosophy can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and economically through contact with the School of Business, whether it is for a lecture, a semester, or a degree.

OBJECTIVES

The broad scope of offerings within the School of Business embraces a variety of objectives. In general, the school seeks to prepare students for positions of responsibility in business and government and to provide education which assists students in becoming responsible members of the democratic society and the economic system in which we live.

More specific objectives would include:

- (1) The preparation of graduates for entrance into business oriented fields, providing a broad background of liberal and occupational oriented courses.
- (2) The preparation of graduates for entrance positions in specialized occupations such as sales, accounting, or office management.
- (3) The education of business oriented workers for positions requiring less than the normal 4-year course of study through specialized curricula.
- (4) The preparation of non-business students as well as business students for assumption of citizenship responsibilities in their future relationships with the business world.
- (5) The preparation of graduates for entrance into graduate schools of business or public administration.
- (6) The preparation of business teachers for positions at the high school level and beyond.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See pages 17-18 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.

Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 11 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Secretarial Science, and Medical Secretarial areas are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.S. degree. Credits earned in such courses may be later applied toward the Bachelor's degree but students should understand that they may be required more than an additional 64 hours of credit to meet all requirements for the Bachelor's degree.

Transfer of Credits. In general, the School of Business shall limit transfer of credits for business courses which apply toward degree requirements to such courses as it offers at that level.

In most cases, waiver of upper division level course requirements may be granted by departments which establish and administer tests to determine student competency in 200-300 level transfer courses before admission to upper division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

CENTER FOR BUSINESS AND ECONOMIC RESEARCH

DIRECTOR: Richard K. Hart, Ph.D.

A Center for Business and Economic Research has been established within the School of Business to support and further research opportunities for students and faculty. The research takes a variety of forms, to be utilized by both the community at large and specific clients. Faculty, graduate and upper division students are used in part-time capacities as the need arises.

BACHELOR DEGREE PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term "General electives" or Area I, II, or III appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements. See Page 18 for BBA requirements, and pages 17 and 18 for B.A. or B.S. requirements.

DEPARTMENTAL HONORS PROGRAM

The Department of Accounting and Data Processing offers a complete sequence of honors sections in accounting. Honors courses aim at enrichment rather than acceleration. Participants in the honors courses will enjoy an opportunity to sharpen their analytical processes and develop their creative abilities. The learning opportunities offered will be characterized by both academic and professional excellence.

Consistent with the Department's Honors philosophy, students entering the program must have an overall G.P.A. of 3.0 and at least a grade of B in the two principles of accounting courses. Students in the honors program who receive a grade of C or less in an honors course will be placed on probation in relation to the department's honors program.



ACCOUNTING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
* English Comp	3	3	** Inter Accounting	3	3		
* Mathematics	4	4	** Cost Accounting	3	—		
General Electives (Areas I, II, III)	9	9	** Managerial Accounting	—	3		
	16	16	** Price Theory	3	—		
			** Income Tax	—	3		
			** Business Law	3	3		
			** Prin of Management	3	—		
			** Prin of Finance	—	3		
				15	15		
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
* Intro to Finance Accounting	3	—	** Advanced Account	3	—		
* Intermediate Accounting	—	3	** Auditing	3	—		
* Principle of Economics	3	3	** UD Econ Elective	—	3		
Applied Bus Comm	3	—	** Basic Mktg Mgt	3	—		
* Intro to DP	—	3	Accounting Theory	—	3		
* Bus Statistics	3	—	** Human Relations	3	—		
General Electives	4	7	** Business Policies	—	3		
	16	16	General Electives	5	8		
				17	17		

* Prerequisite for UD accounting courses
** Required UD courses

In addition to general university requirements, the following courses are required for an accounting major:

Business Courses: MK 301, GB 302, FI 303, EC 303, OA 238, MG 301, MG 401; plus either EC 301 or EC 305.

Accounting Courses: AC 205, AC 207, AC 304, AC 306, AC 351, AC 352, AC 401, (or AC 320), AC 405, AC 470.

Core Courses: The following courses (or permission of the instructor) are prerequisites for all upper division accounting courses: AC 205, AC 207, E 101, E 102, EC 201, EC 202, GB 207, DP 210; plus M 106 or M 112.

Note: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, AC 440, AC 482, and DP 420 in their program.

INFORMATION SCIENCES MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	Business Law	3	—		
Mathematics (Area III)	4	4	Cost Accounting	3	—		
Intro to Fin. Accounting (AC 205)	3	—	Managerial Accounting	—	3		
Intermediate Accounting	—	3	Simulation Techniques	3	—		
General Electives (Area I, II, or III)	6	6	Adv. Business Statistics	3	—		
	16	16	Principles of Management	—	3		
			Principles of Finance	—	3		
			Programming Systems — COBOL	—	3		
			General Electives (Area I, II, or III)	3	3		
				15	15		
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Principles of Economics (Area II)	3	3	Price Theory	3	—		
Intermediate Accounting	3	—	Basic Marketing Management	—	3		
Introduction to Data Processing	3	—	Human Relations	—	3		
Programming Techniques	—	3	Data Processing Applications	3	—		
Business Statistics	3	—	Quantitative Analysis for Business	—	3		
General Electives (Area I, II, or III)	4	7	Decisions	—	3		
Applied Bus. Communications	—	3	Economics Elective	—	3		
	16	16	General Elective (Area I, II, or III)	6	—		
			Electives*	5	5		
				17	17		

* Suggested electives for Information Sciences Major: M- 226 Assembler Language Programming, EC-405 Business Cycles, DP- 420 Systems Analysis and Design, FI-325 Corporate Financial Management, MG- 305 Personnel Management, AC-360 Governmental Accounting, AC-405 Auditing.

BUSINESS EDUCATION MAJOR
(Basic Business Option)
Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	—	Principles of Income Taxation	—	—	3
Applied Business Communic.	3	—	—	Introduction to Data Processing	3	—	—
* Beginning Typing	—	2	—	Basic Marketing Management	3	—	—
General Psychology (Area II)	—	3	—	Secondary School Methods	—	—	3
Business Math/Machines	3	—	—	Principles of Management	3	—	—
Mathematics (Area III)	4	4	—	Money and Banking	3	—	—
Area I Electives	3	3	—	Principles of Finance	3	—	—
	16	15	—	Technical Writing	—	—	3
				Electives	3	—	7
						18	16
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Intro. Financial Acct.	3	—	—	U. D. Economics	3	—	—
Intro. Managerial Acct.	—	3	—	Business Policies	3	—	—
Principles of Economics (Area II)	3	3	—	Methods in Business Education	3	—	—
Area III Elective	—	4	—	Business Curriculum and Problems	—	—	3
Intermediate Typewriting*	2	—	—	Speech Communication for Teachers (Area II)	—	—	3
Foundations of Education	—	3	—	Educational Psychology	—	—	3
Business Statistics	3	—	—	Business Student Teaching	—	—	6
Electives (from 2 of 3 areas)	6	—	—	UD Business Electives	6	—	—
Business Law	—	3	—			15	15
	17	16					

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the Intermediate level or above are required.

BUSINESS EDUCATION MAJOR
(Basic Business Option
with Distributive Education Emphasis)
Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	—	Business Statistics	—	—	3
Applied Business Communication	3	—	—	Introduction Data Processing	—	—	3
Business Math/Machines	—	3	—	Basic Marketing Management	3	—	—
General Psychology (Area II)	3	—	—	Principles of Management	3	—	—
Mathematics (Area III)	4	4	—	Principles of Finance	3	—	—
Retail Selling	3	—	—	Secondary School Methods	—	—	3
Merchandise Analysis	—	3	—	Vocational Education (Principles and Organization of)	—	—	3
Retailing	—	3	—	Money and Banking	—	—	3
	16	16	—	Electives (from 2 of 3 areas)	6	—	—
						15	15
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Introduction Financial Accounting	3	—	—	Methods in Business Education	3	—	—
Introduction Managerial Accounting	—	3	—	Administration and Coordination of Cooperative Programs	3	—	—
Principle Economics. (Area II)	3	3	—	Speech Communication for Teachers (Area II)	—	—	3
Business Law	3	—	—	Educational Psychology	—	—	3
Retail Buying	3	—	—	Business Student Teaching	—	—	6
Intermediate or Advanced Typewriting	2	—	—	Business Curriculum and Problems	—	—	3
Area I Electives	3	3	—	Methods and Materials in Distr. Education	2	—	—
Area III Elective	—	4	—	Technical Writing	3	—	—
Foundations of Education	—	3	—	Business Policies	3	—	—
	17	16		Electives	4	—	—
						18	15

BUSINESS EDUCATION MAJOR
(Shorthand Option)
Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	3	Basic Marketing Management	3	—	—
* Beginning and Intermediate Typewriting	2	2	2	Secondary School Methods	—	3	3
Applied Business Communications	—	3	3	Introduction to Data Processing	—	3	3
General Psychology (Area II)	—	3	3	Office Management	—	3	3
Business Math/Machines	3	—	—	Advanced Shorthand	4	—	—
Mathematics (Area III)	4	4	4	Administrative Office Procedures	—	3	3
Area I Electives	3	3	3	Principles of Finance	3	—	—
		15	15	Technical Writing	3	—	—
				Electives (from 2 of the 3 areas)	3	3	3
				Elective	—	3	3
					16	18	
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Introduction to Financial Accounting	3	—	—	Methods in Business Education	3	—	—
Introduction to Managerial Accounting	—	3	3	Business Curriculum and Problems	—	3	3
Principles of Economics (Area II)	3	3	3	Records Preparation and Management	3	—	—
Business Law	3	—	—	Speech Communication for Teachers (Area II)	—	3	3
* Beginning and Intermediate Shorthand	4	4	4	Educational Psychology	—	3	3
Foundations of Education	3	—	—	Business Student Teaching	—	6	6
Area I Elective	—	3	3	Business Policies	3	—	—
Area III Elective	—	4	4	Electives	7	—	—
		16	17		16	15	

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the intermediate level or above are required.

ECONOMICS MAJOR
Bachelor of Arts Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	3	Price Theory	3	—	—
Mathematics	4	4	4	Income and Employment	—	3	3
History	3	—	—	Principles of Finance	3	—	—
Area II Electives (Other than Economics or History)	—	3	3	Business Statistics	3	—	—
Area I Electives (Field One)*	3	—	—	Advanced Business Statistics	—	3	3
Area I Electives (Field Two)*	—	3	3	Economics Electives	3	3	3
Elective	3	3	3	Electives**	3	6	6
		16	16		15	15	
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Economics	3	3	3	Econometrics	3	3	3
Literature	3	—	—	Economic Electives	3	3	3
Area I Elective (Field Three)*	—	4	4	Electives**	10	10	10
Science	—	4	4		16	16	
Introduction to Finance Accounting (AC 205)	3	3	3				
Introduction to Data Processing	3	—	—				
Electives	5	4	4				
		17	17				

ECONOMICS MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3	3
Mathematics	4	4	4
Area I Electives	3	3	3
Area II Electives (Other than economics)	3	3	3
Elective	3	3	3
	16	16	

See page 31 for clarification of fields in B.A. degree.

** Electives should be chosen mainly from upper division courses.

*** Must include hours in at least two of the three definitive areas as listed on page 32 of the catalog.

SCHOOL OF BUSINESS

General Business

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Economics	3	3
Science	3-4	—
Non-Business Elective***	6	5
Principles of Accounting	3	3
Introduction to Data Processing	3	3
Applied Business Communications	—	3
	15-16	17
JUNIOR YEAR:		
Price Theory	3	—
Income and Employment	—	3
Business Law	—	3
Business Statistics	3	3
Principles of Finance	3	—
Non-Business Elective**	3	3
Applied Business Communications	—	3
	15	15
SENIOR YEAR:		
Econometrics	3	3
Economics Electives	3	3
Basic Marketing Management	3	—
Human Relations	—	3
Principles of Management	3	—
Business Policies	—	3
Electives	5	4
	17	16

Economics - Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal & Urban Studies and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose two minor areas from the remaining social sciences and complete 15 credits in each. For teaching endorsements as a secondary school teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 100 of the BSU Bulletin 1976-77).

Graduation requirements for degree in Economics - Social Science Secondary Education Option

- General University and Basic Core requirements as listed on page 16 of the BSU Bulletin 1976-77.
- Two approved teaching minors (15 hours each) from:
 - History
 - Political Science
 - Anthropology
 - Sociology
 - Geography
- Economics courses - 30 hours
 - Required Courses - Econ 201 and 202 - 6 hrs.
 - Other Economics Courses - 24 hrs.
- Accounting - AC 205-206 required
- Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education - Total of 20 hours.
 - These include:
 - TE - 201 Foundations of Education - 3 credits (Taken in the Sophomore Year)
 - P - 312 Adolescent Psychology or
 - P - 325 Educational Psychology - 3 credits
 - TE - 381 Secondary School Methods - 3 credits
 - TE - 481 Secondary Student Teaching - 6 credits
 - The additional 5 credits may be selected from classes found on p. 100 of the Bulletin.
 - Student teaching, TE-481, for Economics and other Social Science majors will be conducted during the **second 8 weeks of the first semester of the student's senior year.**

During the first 8 weeks of that semester the student may take several of the above required Education courses in a **Concentrated Course Block (CCB)**. See p. 101 of the BSU Bulletin. Students should plan to take several of their education courses at this time to ensure the most efficient use of their time.

Students in the Secondary Education Option program majoring in economics should plan their courses in such a way as to receive Idaho Endorsements in as many teaching fields as possible. See BSU Bulletin p. 100

- Sufficient electives to complete a total of 128 Credit Hours of which 40 must be upper division.

GENERAL BUSINESS MAJOR

The General Business major has the choice of two directions in the pursuit of a Bachelor of Business Administration degree. The student may elect to major in General Business with an option in Public Relations or may elect the General Business major with no area of emphasis. This latter option allows the student to gain additional knowledge in all areas of business without concentrating in any one area.

**General Business Major
No Option**

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Fund. of Speech (Area II)	3	—
Gen. Psychology (Area II)	—	3
Math (Area III)	4	4
Area I Elective	3	3
Area III Elective	—	4
Gen. Elective (Area I, II, III)	3	—
	16	17
SOPHOMORE YEAR:		
Economics (Area II)	3	3
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Applied Bus Communications	3	—
Intro. to Data Processing	—	3
Business Law	—	3
Gen. Elective (Area I, II, III)	4	3
	16	15
JUNIOR YEAR:		
Basic Marketing Management	3	—
Prin. of Management	3	—
Price Theory	3	—
Introduction to Financial Accounting	3	—
Income and Employment	—	3
Cost Accounting (AC-351 or 352)	—	3
Human Relations	—	3
Advanced Business Statistics	—	3
Bus. Ethics, Govt. & Soc. Resp.	—	3
Gen. Electives (Area I, II, III)	3	—
	15	15
SENIOR YEAR:		
Financial Management I and II	3	3
Govt. & Business	3	—
Production Management	3	—
Organization Dynamics	—	3
Inter. Marketing	—	3
Business Policy	—	3
Gen. Elective (Area I, II, III)	3	—
General Elective	5	5
	17	17

SCHOOL OF BUSINESS
Industrial Business

Public Relations Option

FRESHMEN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Fund. of Speech (Area II)	3	—
Gen. Psych (Area II)	—	3
Math (Area III)	4	4
Area I Elective	3	3
Area III Elective	—	4
Listening	3	—
Total	16	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Economics (Area II)	3	3
Introduction to Financial Accting.	3	—
Introduction to Managerial Accounting	—	3
Applied Bus. Comm.	3	—
Business Statistics	3	—
Intro. to Data Processing	—	3
Business Law	—	3
Mass Communication	3	3
Total	15	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Basic Marketing Management	3	—
Prin. of Management	3	—
Price Theory	3	—
Prin. of Finance	3	—
Income and Employment	—	3
Human Relations	—	3
Labor Law	—	3
Bus. Ethics, Govt. & Soc. Resp.	—	3
Reporting & Newswriting	3	3
Total	15	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Govt. and Business	3	—
Amer. Society	3	—
Comparative Econ. Sys.	3	—
Industrial Sociology	3	—
Social Psychology	—	3
Organization Dynamics	—	3
Public Relations	—	3
Business Policies	—	3
General Electives	6	5
Total	18	17

INDUSTRIAL BUSINESS MAJOR
Bachelor of Business Administration Program
Production Option

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Algebra, Trig., Calculus	5	5
Introduction to Chemistry	4	4
Engineering Fundamentals	2	2
Digital Computer Programming	2	—
Physics I	—	3
Total	16	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Physics II & III	3	4
Calculus & Anal. Geometry	4	4
Business Statistics	3	—
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Applied Business Communication	3	—
Fundamentals of Speech	—	3
General Psychology	—	3
Total	18	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Principles of Economics	3	3
Basic Marketing-Management	3	—
Introduction to Mechanics	3	—
Production Management	—	3
Adv. Business Statistics	3	—
Area I Elective	3	3
Principles of Management	3	—
Business Law	—	3
Price Theory	—	3
Total	18	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Human Relations	3	—
Principles of Finance	—	3
Quantitative Methods	3	—
Cost Accounting	—	3
Production Proc. & Controls	3	—
Mechanics of Materials	—	3
Income & Employment	3	—
Electives	3	5
Total	15	14

Production Option Electives

- Principles of Transportation
- Compensation Management
- Intro to Electrical Engineering
- Fluid Mechanics
- Labor Relations
- Labor Law
- Thermodynamics and Heat Transfer
- Mechanics of Materials

Sales Option

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Algebra, Trig., Calculus	5	5
Introduction to Chemistry	4	4
Engineering Fundamentals	2	2
Fund. of Speech-Communication (Area II)	3	—
Physics I	—	3
Total	16	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Physics II & III	3	3
Calculus & Anal. Geometry	4	4
General Psychology	—	3
Intro to Financial Accting.	3	—
Introduction to Managerial Accounting	—	3
Intro. to Data Processing	3	—
Business Statistics	—	3
Applied Bus. Comm.	3	—
Total	16	16

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Principles of Economics	3	3
Basic Marketing Management	3	—
Introduction to Mechanics	3	—
Business Law	—	3
Salesmanship	—	3
Consumer Behavior	—	3
Principles of Management	3	—
Area I Elective	3	3
General Elective	3	—
Total	18	15

SCHOOL OF BUSINESS

Management

SENIOR YEAR:	1ST SEM.	2ND SEM.
Human Relations	3	—
Principles of Finance	—	3
Price Theory	3	—
Income & Employment	—	3
Electives	6	6
	15	15

Sales Option Electives

Intermediate Marketing Management
 Advanced Marketing Management
 Promotion Management
 Applied Market Research
 Intro to Electrical Engineering
 Thermodynamics and Heat Transfer

FINANCE MAJOR

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Fundamentals of Speech (Area II)	3	—
General Psychology (Area II)	—	3
Mathematics	4	4
Area I Electives	3	3
General Electives (Area I, II, III)	—	3
	16	16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Principles of Economics	3	3
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Applied Business Communication	3	—
Introduction to Data Processing	—	3
Business Statistics	3	—
Advanced Business Statistics	—	3
Business Law	—	3
Science Elective (Area III)	4	—
	16	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Basic Marketing Management	3	—
Principles of Management	3	—
Principles of Finance	3	—
Price Theory	—	3
Money and Banking	3	—
Financial Management I	—	3
* Major Elective	—	3
General Electives (Area I, II, III)	3	3
General Elective	—	3
	15	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Management of Financial Institutions	3	—
Financial Senior Seminar	3	—
Investment Management	—	3
Human Relations	3	—
Financial Management II	3	—
Bus. Ethics, Govt. and Social Resp.	3	—
Business Policy	—	3
* Major Elective	—	3
Elective (Area I, II, III)	2	3
General Electives	—	6
	17	18

* Finance Electives

Intermediate and/or Managerial and Cost Accounting
 International Economics
 Real Estate Finance
 Finance Senior Seminar

MANAGEMENT MAJOR

BEHAVIORAL OPTION

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Fundamentals of Speech (Area II)	3	—
General Psych. (Area II)	—	3
Mathematics	4	4
Area I Elective	3	3
Science Elective	—	4
Gen'l Electives (Area I, II, III)	3	—
	16	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Economics	3	3
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Applied Business Communications	3	—
Business Statistics	3	—
Intro. to Data Processing	—	3
General Electives	3	3
(Area I, II, or III)	—	—
Business Law	—	3
	15	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Basic Marketing Mgmt.	3	—
Principles of Finance	3	—
Principles of Management	3	—
Price Theory	3	—
Income & Employment	—	3
Ethical, Govt. & Soc. Resp.	—	3
Personnel	—	3
Production Management	—	3
Gen. Electives (Area I, II, III)	4	3
	16	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Compensation Mgt.	3	—
Consumer Behavior	3	—
Industrial Sociology	3	—
Organization Dynamics	—	3
Social Psychology	—	3
Human Relations	3	—
Govt. & Business	—	3
Business Policies	—	3
General Electives	5	5
	17	17

QUANTITATIVE OPTION

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Fundamentals of Speech (Area II)	3	—
General Psych. (Area II)	—	3
Mathematics	4	4
Area I Electives	3	3
Science Elective	—	4
Gen'l Elective (Area I, II, III)	3	—
	16	17

SCHOOL OF BUSINESS
Real Estate

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Economics	3	3
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Applied Business Communications	3	—
Business Statistics	3	—
Intro to Data Processing	—	3
General Electives (Area I, II or III)	3	3
Business Law	—	3
	15	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Basic Marketing Mgmt.	3	—
Principles of Finance	3	—
Principles of Management	3	—
Price Theory	3	—
Income & Employment	—	3
Ethical, Govt. & Soc. Resp.	—	3
Advanced Business Statistics	—	3
Production Management	—	3
General Elective (Area I, II, or III)	4	3
	16	15

SENIOR YEAR:	1ST SEM.	2ND SEM.
Production Dec. & Control	3	—
Cost Accounting	3	—
Simulation	3	—
Organization Dynamics	—	3
Human Relations	3	—
Quantitative Analysis	—	3
Business Policies	—	3
Govt. & Business	—	3
General Electives	5	5
	17	17

AVIATION OPTION

Freshman and Sophomore Years: the same as listed for Management Major.

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Pvt. Pilot Ground School	3	—
Basic Marketing Management	3	—
Prin. of Management	3	—
Prin. of Finance	—	3
Price Theory	3	—
Income & Employment	—	3
Prin. of Transportation	—	3
Production Management	3	—
Advanced Business Statistics	—	3
General Electives (Area I, II, III)	—	4
	15	16

SENIOR YEAR:	1ST SEM.	2ND SEM.
Airport Management	3	—
Airline-Aircargo Management	—	3
Aviation Law	3	—
Ethics, Govt. & Social Resp.	3	—
Human Relations	—	3
Government & Business	—	3
Business Policies	—	3
General Electives (Area I, II, III)	3	—
General Electives	5	5
	17	17

NOTE: A student majoring in the Aviation Management Option in Management who has possession of a Private or Commercial Pilots' License may petition for a waiver of AV-101. A written petition filed by the student should include photostatic copies of his pilots' license, current medical certificate and current Idaho State Pilots' registration certificate.

REAL ESTATE MAJOR

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Fundamentals of Speech (Area II)	3	—
General Psychology (Area II)	—	3
Area I Electives	3	3
Mathematics	4	4
Gen'l Elective (Area I, II, III)	3	3
	16	16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Science Elective	4	—
Fund. of Real Estate	—	3
Prin. of Economics	3	3
Introduction to Financial Accounting	3	—
Introduction to Managerial Accounting	—	3
Intro to Data Processing	—	3
Bus. Communications	3	—
Business Law	—	3
Business Statistics	3	—
	16	15

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Price Theory	3	—
Regional Economics	—	3
Property Law	3	—
Prin. of Marketing	3	—
Prin. of Management	3	—
Prin. of Finance	3	—
Real Estate Finance	—	3
Appraisal of Real Estate	—	3
Bus. Ethics, Govt. and Social Resp.	—	3
Gen'l Elective (Area I, II, III)	—	4
	15	16

SENIOR YEAR:	1ST SEM.	2ND SEM.
Human Relations	3	—
Government and Bus.	—	3
Real Estate Investment and Taxation	3	—
Brokerage Management	—	3
Business Policy	—	3
* Major Elective	3	—
Gen'l Electives (Area I, II, III)	3	3
Gen'l Electives	5	5
	17	17

* Real Estate Electives

RE 497 Special Topics
Appraisal Income Property
Tax Factors
Urban Economics

SCHOOL OF BUSINESS
Marketing

MARKETING MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3		Basic Marketing Management*	3	—	
Introduction to Business	3	—		Business Law	—	3	
General Psychology**	—	3		Price Theory	3	—	
Mathematics	4	4		UD Economics Elective	—	3	
Area I Electives***	3	3		Principles of Finance	3	—	
Electives***	3	3		Principles of Management	3	—	
	16	16		Marketing Electives	—	6	
				Principles of Salesmanship	3	—	
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.			1ST SEM.	2ND SEM.
Principles of Economics	3	3		Electives***	3	3	
Introduction to Financial Accounting	3	—			18	15	
Introduction to Managerial Accounting	—	3		SENIOR YEAR:		1ST SEM.	2ND SEM.
Introduction to Sociology**	3	—		Intermediate Marketing Management*	3	—	
Fundamentals of Speech Communication***	3	—		Advanced Marketing Management*	—	3	
Introduction to Data Processing	—	3		Marketing Electives	6	—	
Physical or Biological Science Elective	4	—		Human Relations	—	3	
Applied Bus. Communications	—	3		Electives***	8	9	
Business Statistics	—	3			17	15	
	16	15					

MARKETING CORE (12 hours):

Required for all Marketing Majors

MM-101	Principles of Salesmanship
MK-301	Basic Marketing Management
MK-405	Intermediate Marketing Management
MK-425	Advanced Marketing Management

MARKETING ELECTIVES (12 hours):

Choose any four of the following courses.

MK-306	Promotion Management
MK-307	Consumer Behavior
MK-415 G	Marketing Research
MK-420	Applied Marketing Research
MK-421	Sales Administration
MK-496	Independent Study or MK-493 Internship
EC-317	International Economics

* See course descriptions for former course titles.

** Counts as part of the six hour Area II requirement other than in economics. (see page 18)

*** At least 16 hours of electives must be outside of the School of Business. The 16 hours must include hours from at least two of the three defined areas, I, II, III. Fundamentals of Speech Communication counts as three of these 16 hours. (see page 18)

Your Marketing advisor will help you select the 12 hours of Marketing electives and any other open electives you want to take to prepare yourself for a career in marketing. For example, if you are interested in a career in an area such as sales, advertising, retailing, or marketing research, a program of marketing electives and open electives can be developed to best suit your individual goals. Consult your Marketing advisor.

OFFICE ADMINISTRATION MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:		1ST SEM.	2ND SEM.	JUNIOR YEAR:		1ST SEM.	2ND SEM.
English Composition	3	3		Bus. Math/Machines	—	3	
* Typewriting	2	2		Prin. Economics (Area II)	3	3	
Applied Business Communications	3	—		Secretarial Transcription	4	—	
General Psychology (Area II)	—	3		Basic Marketing Mgmt.	3	—	
Mathematics (Area III)	4	4		Intro. Data Processing	—	3	
Area I Elective	3	3		Business Statistics	3	—	
	15	15		Prin. Finance	3	—	
				Technical Writing	—	3	
				Electives (from 2 of 3 Areas)	—	6	
					16	18	
SOPHOMORE YEAR:		1ST SEM.	2ND SEM.	SENIOR YEAR:		1ST SEM.	2ND SEM.
Business Law	3	—		Records Preparation and Management	3	—	
Introduction to Financial Accounting	3	—		Administrative Office Procedures	—	3	
Introduction to Managerial Accounting	—	3		Office Management	—	3	
* Shorthand	4	4		Human Relations	—	3	
Fundamentals of Speech Communications	3	—		Business Policies	3	—	
Word Proc-Math Trans	—	2		U.D. Electives	6	7	
Area III Elective	—	4		U.D. Electives (from 2 of 3 areas)	4	—	
Electives (from 2 of 3 areas)	3	3			16	16	
	16	16					

A maximum of 12 credits in shorthand and 4 in typewriting will be applied to requirements for this major.

* Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

TWO YEAR PROGRAMS *

**FASHION MERCHANDISING **
MID-MANAGEMENT**

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Business	3	—
Salesmanship	3	—
Clothing	3	—
Business Math/Machines	3	—
Clothing Selection	—	2
Textiles	—	3
Elements of Management	—	3
Introduction to Financial Accounting	—	3
Mid-Management Work Experience	—	2
Elective	2	—
	17	16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Introduction to Marketing	3	—
Fashion Analysis and Design	2	—
Professional Speech Communication	2	—
Retail Buying	3	—
Mid-Management Work Experience	2	2
Report Writing	3	—
Principles of Retailing	—	3
Visual Merchandising	—	3
Supervision of Personnel	—	3
Elective	—	5
	15	16

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

MARKETING — MID-MANAGEMENT *

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Business	3	—
Business Math/Machines	—	3
Salesmanship	3	—
Introduction to Financial Accounting	—	3
Merchandise Analysis	—	3
Mid-Management Work Experience	2	2
Elements of Management	3	—
Professional Speech-Communication	2	—
Elective	—	2
	16	16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Introduction to Marketing	3	—
Principles of Retailing	—	3
Principles of Economics	3	—
Visual Merchandising	—	3
Report Writing	3	—
Supervision of Personnel	—	3
Retail Buying	3	—
Credit and Collections	—	2
Mid-Management Work Experience	2	2
Elective	2	3
	16	16

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

OFFICE SYSTEMS

Associate of Science Degree

WORD PROCESSING PROGRAM

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Business	3	—
Beginning Shorthand*	4	—
Beginning Typing*	2	—
Applied Business Communications	3	—
OA Elective	1	—
Fund. Speech-Communication	—	3
Intermediate Shorthand*	—	4
Intermediate Typing*	—	2
Business Math/Machines	—	3
	16	15

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Introduction to Financial Accounting	3	—
Economics	3	—
Area II Elective	3	—
Advanced Typing	2	—
Records Prep. & Mgmt.	3	—
Editing for Word Processing	1	—
OA Electives	2	—
Admin. Office Procedures	—	3
Word Processing, Mach. Trans.	—	2
Word Processing, Mag. Keyboarding	—	1
OA Electives	—	3
Electives	—	7
	17	16

SECRETARIAL PROGRAM

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Business	3	—
Beginning Shorthand*	4	—
Beginning Typing*	2	—
Applied Business Communications	3	—
Fund. Speech-Communication	—	3
Intermediate Shorthand*	—	4
Intermediate Typing*	—	2
Business Math/Machines	—	3
Elective	—	2
	15	17

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Principles of Accounting	3	—
Economics	3	—
Advanced Shorthand	4	—
Advanced Typing	2	—
Records Prep. & Management	3	—
Area II Elective	—	3
Secretarial Transcription	—	4
Administrative Office Procedures	—	3
Word Processing, Machine Trans	—	2
Elective	2	3
	17	15

*May be waived if advanced placement is granted because of prior work.

COURSES

AC ACCOUNTING

Lower Division

205 Introduction to Financial Accounting (3 credits). (Previously AC 203). This course is designed to introduce the student to the field of contemporary financial accounting as practiced in the United States. The student will study the use of and need for financial statements in the business community. An understanding of financial statements will be accomplished by studies of accounting terminology, the theoretical framework of financial statements, and an overview of the basic double entry accounting cycle. The emphasis in the course will be on obtaining a working understanding of financial statements. Detailed accounting procedures will be included to the extent that the interface between accounting procedures and statement user information aids this understanding process. Each semester.

206 Introduction to Managerial Accounting (3 credits). (Previously AC 204). This course is designed to introduce the non accounting major to the methodologies applied in cost and managerial accounting. The student will study an overview of manufacturing-accounting with emphasis on job order and process costing of manufactured inventories and standard costing with related variance analysis. The student will receive an introduction to contemporary managerial accounting tools such as capital budgeting, cost-volume-profit analysis, control of inventory, and the impact of income taxes on decision making. This course is not recommended for degree credit by accounting majors. Prerequisite: AC 205. Each semester.

207 Intermediate Accounting I (3 credits). (Previously AC 303). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC 205 or its equivalent. Each semester.

Upper Division

304-306 Intermediate Accounting II and III (3 credits each). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisites: lower division core. Each semester.

320 Tax Factors in Business Decisions (3 credits). A general introduction for students and businessmen who, while not tax specialists, need an awareness of the impact of federal income taxes on business decisions. This course will explore the areas of federal income, estate and gift tax laws as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC 205, lower division core or permission of instructor. Each semester.

351 Cost Accounting (3 credits). (Previously AC 301). Theory of cost accounting and cost control, including job order, process, direct and standard costs, budgeting and breakeven analyses. Emphasis on cost determination as a tool of management. Prerequisite: lower division core or permission of instructor. Each semester.

352 Managerial Accounting (3 credits). A study of the development and uses of internal accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, behavioral implications, computer applications, and analytical methods such as gross profit, breakeven, and incremental cost analysis. Prerequisite: AC 351, lower division core or permission of instructor. Each semester.

360 Governmental Accounting (3 credits). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory procedures, legal and reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Prerequisite: lower division core or permission of instructor. Each semester.

401 Principles of Income Taxation (3 credits). (Previously Individual Income Tax). The theory and application of Federal income taxes to individuals, including an introduction to F.I.C.A. and Unemployment taxes and an introduction to State income taxes. Degree credit will not be allowed for both AC 302 Tax Factors in Business Decisions and AC 401. Prerequisite: lower division core or permission of instructor. Fall semester.

402 Advanced Income Taxation (3 credits). (Previously Corporate Taxation). The theory and application of the Federal income tax to corporations organized for profit, and an introduction to partnership, trust, and estate and gift taxation. Prerequisites: AC 306 and either AC 320 or AC 401, lower division core or permission of instructor. Spring semester.

405 Auditing (3 credits). A study of the scope and purpose of the work of the Certified Public Accountant as an independent auditor. Topics include: professional ethics; legal responsibilities; role of the Securities Exchange Commission; approach to an audit; and accumulation of the evidence upon which the auditor bases his report. Prerequisites: AC 306, lower division core or consent of instructor. Each semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Topics include Systems Theory: Data Collection, Classification, Transmission, and Display; On-line Systems and Time Sharing. Course identical to DP 420. Credit may not be earned for both courses, DP 420 and AC 420. Prerequisites: lower division core or permission of instructor. Spring semester.

440G Accounting Theory (3 credits). A specialized course to provide a frame of reference for advanced accounting students in theory of income, in asset valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. May be taken for graduate credit. Prerequisite: AC 306, lower division core or permission of instructor. Spring semester.

450 Data Processing for the Accountant (3 credits). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer will be used as the problem solving tool in the three, above mentioned areas. Prerequisites: AC 405, lower division core or permission of instructor. Spring semester.

470 Advanced Accounting (3 credits). Covers accounting problems and techniques for accounting for business combinations; the determination of consolidated income, consolidated financial position, and the preparation of consolidated financial statements. Also covers accounting problems of home office — branch operators, partnerships, and consignments. Prerequisites: AC 306 and AC 351, lower division core or permission of instructor. Fall semester.

482 C.P.A. Review (6 credits). An in-depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. This course is designed to assist the student in preparing for the Certified Public Accountant examination. Prerequisites: AC 352, AC 405, AC 470 and AC 440, or consent of instructor. Spring semester.

AV AVIATION MANAGEMENT

Lower Division

021 and 022 Private Pilot Flight Laboratory (no credit). Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 40 hours including 15 hours of dual instruction and 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisite: AV 101 and successful completion of FAA written examination for Private Pilot Certificate. Either semester.

***101 Aviation Ground School** (3 credits). Survey of basic aerodynamics, meteorology, navigation, and Federal Aviation Agency regulations. At termination, the student will take the FAA Private Pilot examination. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight. Either semester.

***201 Commercial Pilot Ground School** (3 credits). The study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private Pilot Certificate. Each semester.

Upper Division

331 Airport Management (3 credits). Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo and passenger handling procedures and policies, flight-deck and maintenance crew services, operation and maintenance of public facilities. Prerequisite: AC 205. Fall semester.

351 Airline and Air Cargo Management (3 credits). The functions of management in airline operations. Air carrier familiarization, effect of federal regulations, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management. Spring semester.

* Flight lab fees in addition to other tuition and fees will be charged.

BE BUSINESS EDUCATION

Upper Division

401 Methods in Business Education (3 credits). Methods and materials of instruction in business subjects. Application of principles of learning and teaching to business education. Must be taken in the semester immediately preceding student teaching. Fall semester.

409 Methods and Materials in Distributive Education (2 credits). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

421 Business Curriculum and Methods Seminar (3 credits). A seminar-type class dealing with current issues and methods in the fields of business curriculum, research, and vocational guidance. Attention will be given to vocational guidance in counseling students, curriculum development, and community influence and impact. Individual research and presentation is emphasized. Spring semester.

441G Principles and Organization of Vocational Education Programs - Job Analysis (3 credits). Philosophy, history, purpose and organization of vocational education programs. Occupational analysis to include nature and use of occupational information, labor force opportunities, job values, job analysis, job descriptions, and job requirements. Role of business and government in vocational education. Spring semester.

443G Administration and Coordination of Cooperative Programs (3 credits). Selection, guidance, placement, and follow-up of students in training stations. Prerequisite: Graduate Status. Fall semester.

471 Business Student Teaching (6 credits). Supervised teaching under the direction of qualified, business teacher-education specialists. Prerequisite: BE 401 and permission of director. Spring semester.

Graduate

- 511 Graduate Study in Business Education (3 credits).** A study of professional business education including history, philosophy, psychology, and issues and trends. Each of these areas is considered in relation to business education in the public schools. Prerequisite: Graduate Status and consent of the instructor. Summer.
- 520 Curriculum and Instruction in Shorthand, Transcription, and Office Procedures (3 credits).** A study of various techniques available for the improvement of instruction in shorthand, transcription, and office procedures. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of instructor. Summer
- 530 Curriculum and Instruction in Typewriting, Bookkeeping-Accounting, and Data Processing (3 credits).** A study of various techniques available for the improvement of instruction in Bookkeeping-Accounting, Data Processing, and Typewriting. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Spring semester.
- 540 Curriculum and Instruction in Basic Business and Economics (3 credits).** A study of various techniques available for the improvement of instruction in Basic Business and Economics. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Summer.
- 571 Organization and Supervision of Business Education (3 credits).** Administrative and supervisory problems in business education especially from the point of view of the teacher. A study of problems of the business teacher beyond those involved in classroom teaching. Areas of study include student services; equipment and supplies; in-service programs; research; program evaluation and development; public and staff relations; and leadership roles. Prerequisite: Graduate Status and consent of the instructor. Fall.
- 591 Project (3-6 credits).**
- 593 Thesis (3-6 credits).** The scholarly pursuit of original work through research. Prerequisites: Admission to candidacy.
- 596 Independent Study (Variable credits).** Opportunity for the student to pursue a topic of interest on an individual basis. Prerequisite: Graduate Status and consent of the instructor.
- 599 Workshop in Business Education (1-3 credits).** Intensive study of a selected topic in business education. May be repeated for a maximum of 3 credits.

DP DATA PROCESSING

Lower Division

210 Introduction to Data Processing (3 credits). (previously DP311) A general interest course to acquaint business students with the fundamentals and principles upon which data processing is based. The logic and reasoning of programming as utilized in data processing is also explored. Recommended to take M 105 and AC 205 prior to this course. Each semester.

Upper Division

- 320 Programming Techniques (3 credits).** A survey of programming systems used in computer processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flow charting, input, processing and output. Prerequisite: DP-210 or equivalent. Each semester.
- 345 Simulation Techniques (3 credits).** Basic concepts in simulation; simulation in business including inventory systems and scheduling systems; simulation of decision-making by individuals and group organizations. Models of varying levels of sophistication will be considered and implemented in Fortran IV and other available simulation languages. Prerequisite: DP 320 and M 106. Fall semester.
- 360 Programming Systems — COBOL (3 credits).** A specific course based on the COBOL programming language that will give the student a capability to write highly sophisticated programs pertaining to business data processing problems. Prerequisite: DP-320 or equivalent. Spring semester.
- 405 Data Processing Applications (3 credits).** An in-depth study of current business computer applications, information retrieval, the function of data processing in the business organization, feasibility study concepts, and data base considerations. Fall semester.
- 420 Systems Analysis and Design (3 credits).** Concepts and techniques of the design of information systems. Topics include systems theory: Data Collection, Classification, Transmission, and Display. Course identical to AC 420. Credit may not be earned for both courses. AC 420 and DP 420. Prerequisites: DP 210 and AC 205. Spring semester.

EC ECONOMICS

Lower Division

201 Principles of Economics-Macroeconomics (3 credits). Introduction to the use of economic principles to analyze the aggregate or macroeconomic performance of developed, market economies. Application of economic analysis and policy to current domestic and international macroeconomic issues. Special attention to the goals and problems of high employment, price level stability, economic growth, the balance of international payments and the relevant monetary, fiscal and other policy instruments utilized to accomplish these policy goals. Each semester.

202 Principles of Economics-Microeconomics (3 credits). An introduction to microeconomic analysis: covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. The course provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development. Each semester.

210 Contemporary Economic Problems (3 credits). A one semester introduction to economics centered around selected contemporary economic problems. Principles are introduced to help analyze problems and point out alternative solutions. (Not allowed as part of the economics major requirements. Not allowed for credit to those students that have taken EC 201 and 202.) Prerequisites: None. Either semester.

219 Environmental Economic Problems: Economics and The Quality of Life (3 credits). Choices must be made between the kind of economic growth society wants and the resulting quality of life. Environmental impacts of growth, including air, water and noise pollution, urban congestion, natural resource depletion and population pressures will be examined. Policy prescriptions and economic implications of environmental control will be discussed. Fall semester.

Upper Division

301 Money and Banking (3 credits). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. Prerequisite: EC 201, 202. Each semester.

303 Price Theory (3 credits). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. The usefulness of price theory in that analysis of social problems and managerial decisions is stressed. Prerequisite: EC 202. Each semester.

305 Income and Employment (3 credits). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic policy instruments and decisions on aggregate economic performance goals. Prerequisite: EC 201. Each semester.

310 Public Finance (3 credits). A study of the role and impact of Government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxing, and indebtedness will be examined. Considerable attention will be paid to the effects of government activity upon such things as the allocation of resources and the distribution of income. Some attention will be paid to state and local problems. Prerequisite: EC 201, 202. Each semester.

311 History of Economic Thought (3 credits). Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. Prerequisite: EC 201-202. Fall semester.

315 Comparative Economic Systems (3 credits). A comparative study of the goals and methods of various economic systems, goals and methodology of capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. Prerequisite: EC 201-202, or by permission. Either semester.

317 International Economics (3 credits). The benefits, costs and pattern of world trade and investment. Tariffs, quotas, and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The mechanisms and analysis of international payments adjustment and the institutions of the international monetary system. Prerequisite: EC 201, 202. Either semester.

321 Regional Economics (3 credits). Application of economic analysis to regional problems of structure, growth and policy. Location theory, various growth models, and specific techniques such as input-output analysis, base multipliers and cost benefit analysis will be developed. Prerequisite: EC 201-202. Fall semester.

322 Urban Economics (3 credits). The course will focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial, and transportation problems. The tools of economic analysis will be used to analyze the problems and existing and proposed policies. Prerequisite: EC 201-202. Spring semester.

405 Business Fluctuations and Economic Stabilization (3 credits). Application and extension of macro-economic theory to the study of economic instability. Theories of economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy, including techniques of macroeconomic forecasting and modeling. Prerequisite: EC 305.

417 U.S. Economic History (3 credits). This course deals with major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: EC 201-202 or permission of the instructor. Spring semester. Offered in alternate years by the Economics and by the History Department, and cross-numbered as EC-HY 417.

421G-422G Econometrics (3 credits). Study and application of the principle mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor. May be taken for graduate credit. 421G Fall-422G Spring semester.

FI FINANCE

Lower Division

108 Personal Finance and Investments (3 credits). Aid in meeting the growing complexity of financial decision making as faced by the individual. How to avoid financial entanglements; installment buying, borrowing money, owning or renting a home. Appraisal of savings alternatives and investing in stocks, bonds, and mutual funds. Understanding security markets. Financial planning for personal and estate taxes. Each semester.

SCHOOL OF BUSINESS
Courses, GB, MG, MK

Upper Division

303 Principles of Finance (3 credits). A basic survey course of fundamental concepts and techniques of the three major areas of finance—Corporate, Institutional, and Investments and their interrelationships. Prerequisite: AC 205, 206, EC 201, 202, and M 106. Each semester.

325 Financial Management I (3 credits). (Previously Corp. Financial Mgt.) The study and theoretical analysis of the internal allocation of resources within the business firm and governmental agencies including working capital management and policy, capital budgeting and investment analysis, risk analysis, financial planning and control, etc. Instructional methods will include the analysis of financial cases and financial modeling. Prerequisites: FI 303 and GB 306. Each semester.

326 Financial Management II (3 credits). (Previously FI 445). Analysis of selected case problems in financial management of the firm, including short- and long-term financial requirements, trade credit and analysis, special media of finance, capital budgeting and profit analysis. Prerequisites: FI 303 and FI 325. Spring semester.

417 Management of Financial Institutions (3 credits). A study of the recent developments and changes in the American financial system from the perspective of the operating managers of the financial institutions. Analyses of the management techniques and problems of investment banks, commercial banks, mortgage banks, savings and loan associations, insurance companies, securities exchange, trust companies, investment companies, and credit card companies forms the basis of the course. Prerequisite: FI 303, EC 301. Fall semester.

450G Investment Management (3 credits). (Previously FI 350). An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisites: FI 303 and GB 306 or its equivalent. May be taken for graduate credit. Either semester.

498-499 Senior Seminar in Finance (3 credits each). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds on background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor. These courses enable the student to achieve an in-depth knowledge of issues which cannot be treated fully in existing courses. Legislation creating sweeping changes in the financial community, computerized financial modeling, international financial management, public utility financial management, option trading, applications of the capital asset pricing model are representative topics. Either semester.

GB GENERAL BUSINESS

Lower Division

101 Introduction to Business (3 credits). A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Each semester.

202 Business Law I (3 credits). (Previously GB 301). Nature of the Law, History of the Law, Makers of the Law, Constitutional Protections, Courts and Judges, Lawyers and Lawuits, Tenant, Eminent Domain. Each semester.

207 Business Statistics (3 credits). (Previously GB 305). Collecting and tabulating data: statistical tables and charts; ratios, percentages and relatives; averages; measures of dispersion; probabilities; probability distribution; sampling theory and analysis of business change. Prerequisite: Math 106 or equivalent. Each semester.

302 Business Law II (3 credits). Uniform Commercial Code, Sales, Commercial Paper, Partnerships, Corporations, Consumer Law, Bankruptcy. Each semester.

303 Law of Property (3 credits). This course explores the laws of property in the following areas: estates and future interests; landlord and tenant; rights incident to possession and ownership of land; conveying; land use control and personal property. Prerequisite: GB-201 and RE-201. Each semester.

306 Advanced Business Statistics (3 credits). A review of classical statistical inference including: one sample tests, two sample tests, alpha errors, beta errors, and power calculations. Introduction to new statistical procedures and techniques such as: analysis of variance, nonparametric statistics, simple regression and correlation, multiple regression, forecasting and time series analysis, discriminant analysis, and Bayesian decision analysis. Prerequisite: GB 207. Either semester.

325 Principles of Transportation (3 credits). Economics of transportation services and rates. History and pattern of regulations. Explanations of various forms in common use in freight and passenger transportation and an introduction to governmental controls and service and management problems of industrial traffic managers. Spring semester.

330 Labor Law (3 credits). Topics and areas covered: Early doctrines, history, structures and purpose of employment and labor and the laws relating thereto, together with the legal basis for their establishment. Fair Labor Standards Act, hours of Service Act, Public Contracts Act-Walsh-Healy, Public Works Contract Act-Davis Bacon, Fair Employment Practices Act, Copeland Act, Title VII, Civil Rights Act of 1964 as amended, OSHA, Workmen's Occupation and Industrial Disease Acts, Social Security and related acts, National Labor Relations act and background legislation, Landrum-Griffin Act. Outside assignments: research papers and written case problems. Specific library assignments: for preparation of above. Special Activities: guest speakers. Either semester.

360 Business Ethics, Government, and Social Responsibility (3 credits). Theory, constitutional basis, and history of governmental intervention, social responsibility and ethical conduct of business organizations. The course will utilize the case and approach, facing the student to examine decisions and actions common to organizational settings and tasks from an interdisciplinary perspective. Emphasis will be placed on student interaction and participation, and the way in which positions rationale is presented and defended.

430 Labor Relations (3 credits). (Previously GB 340). A comprehensive and in-depth study of the negotiation and administration of today's labor-management issues. The course examines the contents of labor contracts, collective bargaining, grievance and arbitration procedures. Emphasis is placed on the basic phases of labor relations and how they affect American business. Prerequisite: GB 330. Either semester.

441G Government and Business (3 credits). A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included. May be taken for graduate credit. Prerequisite: GB 201. Spring semester.

450 Business Policies (3 credits). The utilization of complex situational cases, role playing, in-depth research, and a business simulation exercise to achieve integration of specialized functional knowledge. Prerequisite: Completion of the required "business core." Either semester.

466 Quantitative Analysis for Business Decisions (3 credits). A study of quantitative tools that will aid the future managerial decision maker. Areas covered are: linear programming, inventory and production models, transportation and assignment techniques, games and strategies, waiting lines and PERT—critical path. In all cases an understanding of the model and its applications will be stressed over theoretical aspects. Prerequisites: GB 306. Either semester.

MG MANAGEMENT

Upper Division

301 Principles of Management (3 credits). Basic functions and principles of management with emphasis on relationships between workers and management; the planning, organizing, and controlling of personnel, decision making procedures and techniques. Prerequisite: M 106. Either semester.

305 Personnel Management (3 credits). The managerial problems of integrating individuals and groups into an effective organizational framework. Emphasis is on interpersonal relations, leadership styles, employee motivation techniques and staff functions. Business, government and institutional approaches to the personnel function are examined and compared. Prerequisite: MG 301. Either semester.

306 Compensation Management (3 credits). (Previously Wage and Salary Admin.) Involves the installation and administration of a comprehensive Wage and Salary Program, including objectives, policies, organization, control, and job evaluation. Emphasis will also be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG 305. Either semester.

308 Production Management (3 credits). Decision making in Production Planning, types of decision and variables involved, possibilities for quantification of variables, criteria for decisions, methods of analysis, and application. The application of modern analysis in the solution of practical production problems. Prerequisite: MG 301 and GB 207. Either semester.

309 Production Decisions and Controls (3 credits). The elements of the modern production and environment are studied intensively. This course will enumerate the functions which must be considered. Each element or function will be considered and examined for importance and a method or methods of control will be suggested and analyzed where applicable. Analysis techniques of the management problems production specialists must face in their efforts to accomplish tasks profitably and effectively will be developed. Prerequisite: MG 307 Production Management. Either semester.

317 Small Business Management (3 credits). A study of the unique and distinct problems encountered by small business organizations. This course covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis will be placed on small business management techniques as they apply to service, retail and production oriented small businesses. Prerequisite: MG 301. Either semester.

401 Human Relations (3 credits). Relationships among managerial, supervisory, and other workers. Approaches useful in solving human relations problems in business. Case studies of business problems. Prerequisite MG 301. Either semester.

405 Organizational Dynamics (3 credits). (Previously Behavioral Management.) Business application of behavioral sciences. Individual, interpersonal, social, political and structural factors in business organizations. Functions of leadership, authority, power and influence in organizational structure. Dynamics and theories of organizations. Measurement of need for and process of change in business organizations. Prerequisites: MG 401, Human Relations. Either semester.

MK MARKETING

Upper Division

301 Basic Marketing Management (3 credits). (Previously Principles of Marketing) Description and analysis of the marketing processes. Methods, policies, and problems involved in the distribution process with an evaluation of marketing institutions and middle men according to the functions they perform. A survey of industrial and consumer markets and their relationship to both production and distribution. Each semester.

306 Promotion Management (3 credits). (Previously Prin. of Adv.) Presentation of the principles of advertising, sales promotion, public relations, and publicity strategies. Emphasis is placed on advertising management. Students should expect to work with business and/or advertising managers in completing class projects. Prerequisite: MK 301. Either semester.

307 Consumer Behavior (3 credits). Analysis of purchase and consumption behavior of the consumer. Relates marketing activities of the firm to social science research concerning the purchase, use, and meaning of goods and services. Prerequisite: MK 301. Either semester.

405 Intermediate Marketing Management (3 credits). (Previously Marketing Management). Management techniques in the solution of problems of systems of distribution, administration of marketing channels, advertising in the firm's total marketing effort, administration of customer service policies, design of a physical distribution system, and composition of a marketing mix. Prerequisite: MK 301. Fall semester.

415G Marketing Research (3 credits). Consideration of the theory and use of research for particular marketing problems; methodology of planning and conducting research studies in various marketing situations. May be taken for graduate credit. Spring semester.

420 Applied Marketing Research (3 credits). Designed to give the student actual experience in formal research. Representatives from the business community and governmental agencies will work closely with students in developing marketing problem situations. Prerequisite: MK 415G. Either semester.

421 Sales Administration (3 credits). Management and administration of a sales organization, including recruiting, hiring, training, and supervising; establishment of territories; use of analytical tools as means of improving the effectiveness of salesmen. Prerequisite: MK 301. Spring semester.

425 Advanced Marketing Management (3 credits). (Previously Marketing Strategy). The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisites: MI-301 and MK-405. Spring semester.

MM MARKETING, MID-MANAGEMENT

Lower Division

100 Mid-Management Work Experience (2 credits). Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours' credit for a maximum of four semesters or a total of 8 semester hours' credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. The student is evaluated by both the employer and the program coordinator. Each semester.

101 Salesmanship (3 credits). (Previously MM 101 — Retail Selling). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments, analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Either semester.

102 Merchandise Analysis (3 credits). A study dealing with what the product is and what the product does for the customer. Provides methods and practice in obtaining product information used by buyers, sales people, and advertising personnel. Major classes of textiles and nontextiles are surveyed. Spring semester.

105 Elements of Management (3 credits). A study of the functions of business management: planning, organizing, staffing, directing and controlling. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

201 Introduction to Marketing (3 credits). The study of activities by which goods and services flow from the producer to the ultimate consumer. This study includes methods, policies, and evaluation of the various marketing institutions according to the function performed. Fall semester.

202 Principles of Retailing (3 credits). Comparison of small-and-large-scale retailers. Problems of store ownership, organization, location, equipment, merchandising, planning and control. Expense and cost reduction and sales promotion are considered. Spring semester.

203 Visual Merchandising (3 credits). Objectives and policies of sales promotion; study of the media involved. Regulations of advertising. Coordination of other factors of sales promotion such as display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display. Guest lecturers from the local Retail Assn. will be used. Fall semester.

206 Supervision of Personnel (3 credits). Economics of supervision, social and philosophical implications, training functions of the supervisor. Individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing (3 credits). Prepares the student to write reports for business situations. Emphasis is placed on the actual preparation of reports, research methods, and the readability of the finished product. Fall semester.

213 Credit and Collections (2 credits). A survey of the credit field including history, types, credit information, and the function of the credit department. Collection methods and procedures are given significant treatment. Spring semester.

215 Retail Buying (3 credits). Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Fall semester.

RE REAL ESTATE

Lower Division

201 Fundamentals of Real Estate (3 credits). Essentials of real estate practice, listings, sales, financing, land descriptions, real estate investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. Each semester.

Upper Division

320 Principles of Insurance (credits). (Previously GB 320). A balanced presentation of the principles of insurance and policy analysis together with a discussion of the fundamental legal principles involved in insurance contracts. Company practices in relation to insurance management are stressed as is the field of regulation on both the theoretical and practical applications. Either semester.

331 Appraisal of Real Estate (3 credits). (Previously GB 331). The nature, purpose, and functions of appraising, appraising as a profession, the nature of real property and value, the appraisal process and economic trends. The techniques involved in determining the value of real estate. Prerequisite: RE 201. Either semester.

333 Real Estate Finance (3 credits). Financial analysis and examination of the intricacies of the real estate mortgage markets, source of mortgage funds, federal government and mortgage markets, lending decisions, management of loan portfolios, leasing, construction financing, creative financing, and financing of specific types of real property. Prerequisites: RE 201, FI 303 and GB 303. Either semester.

340 Real Estate Investment and Taxation (3 credits). This course explores Real Estate from the investor (owner's) point of view with special attention to the tax aspects including Risk and Return Analysis, Property Leverage, Discounted Cash Flow, Tax Consequence of Sales, Exchanging, Multiple Exchanges, and Computerized Investment Analysis. Prerequisite: RE 201 (or equivalent), FI 303. Each semester.

431 Appraisal of Income Properties (3 credits). This combination lecture and case study course is devoted entirely to the appraisal of income property. Following a review of the steps leading to the estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization roles are thoroughly analyzed and discussed. Prerequisites: RE 201, RE 331, RE 332. Spring semester.

450 Real Estate Brokerage Management (3 credits). This course is a capstone course intended to integrate the specialized functional knowledge gained in the Real Estate program including office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. Prerequisites: RE 332, RE 340, RE 331, and GB 303.

OA OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand (4 credits). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. *Credit will not be given to students who have completed one or more years of shorthand in high school.* Recommended credit or current enrollment in OA-238. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Both semesters.

105 Beginning Typing (2 credits). Theory and keyboard operations on the typewriter, for personal or business use. *Credit will not be given to students who have completed one or more years of typing in high school.* Fall semester.

107 Intermediate Typing (2 credits). Review of typing fundamentals for the development of speed and accuracy. *Credit will not be given to students who have completed two years of high school typing.* Either semester.

111 Personal Adjustment to Business (1 credit). Designed to develop an insight into the behavior and customs of individuals in a business office through study of why and how people work, good decision making, oral communication and case analysis problems. Either semester.

115 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the ten-key printing calculator, the rotary calculator, and the electronic calculator. Either semester.

121 Intermediate Shorthand (4 credits). Review of shorthand theory with much work in dictation and transcription to improve speed and accuracy. *Credit will not be given to students who have completed two years of high school shorthand.* Prerequisite: OA-101 or advanced placement from high school work. Either semester.

201 Advanced Shorthand (4 credits). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OA-121 or advanced placement from high school work. Either semester.

205 Medical Office Orientation (1 credit). A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management of the medical office, and ethics and psychology in a medical office. Either semester.

207 Procedures of a Law Office (1 credit). Office procedures and methods as they relate to the work of a legal secretary. Legal terminology and meaning of the language of the law will be stressed. Either semester.

209 Advanced Typing (2 credits). Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA-107 or advanced placement from high school work. Either semester.

213 Word Processing, Machine Transcription (2 credits). A course stressing the operation and knowledge of transcribing machines. The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: OA-209. Both semesters.

215 Word Processing, Mag. Keyboarding (1 credit). Recording data electronically while producing typewritten copy. Power typing and revision applications will be used. Prerequisite: OA-209. Both semesters.

219 Editing for Word Processing (1 credit). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting, and editing. Prerequisites: Grade of C or higher is recommended in OA-238, OA-107. Either semester.

221 Secretarial Transcription (4 credits). Advanced instruction in office transcription. Opportunities for special transcription practice of a medical or legal nature will be provided. Prerequisite: OA-201. Spring semester.

238 Applied Business Communications (3 credits). (Previously OA 328 - Business Communications) A course designed to emphasize the building of a foundation in effective business writing principles. The effectiveness and the correctness of writing and the psychology of letter writing will be emphasized through the preparation of a variety of business letters. Both semesters.

SCHOOL OF BUSINESS MBA

243 Principles of Reprographics (2 credits). A course given in the operation of the various kinds of duplicating machines, including the spirit duplicator, the stencil and ink duplicator, the offset duplicator, and the dry process copier. Instruction will be given in typing, drawing, lettering, and writing on the duplicating media of masters, stencils, and mats. An opportunity will be provided to observe and study typography, layout and design, paste up, dark room techniques, stripping, plate making, and bindery work. Both semesters.

Upper Division

309 Records Preparation and Management (3 credits). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered both from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed. Either semester.

310 Administrative Office Procedures (3 credits). Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them. Either semester.

317 Office Management (3 credits). A study of organization and management of an office, including personnel problems, records, ratings, the allocations of functions and responsibilities, and office supervision. Spring semester.

338 Technical Writing for Business (3 credits). An in-depth study including the application of interpersonal communication and effective business writing principles through preparation of business and financial reports and technical papers. The case study approach will be used to present a variety of business situations requiring decision-making in business report writing. Prerequisite: OA-238. Either semester.

Graduate

501 Office Systems and Procedures (3 credits). A study of advanced systems and procedures currently in use in business offices. Includes emphasis on technical knowledge and ability to perform office activities in the following areas: automated office procedures, word processing, cost analysis and control, personnel procedures, systems analysis and flow charting, work flow, supervisory techniques and responsibilities, communications and information systems, records management, and the preparation of office manuals. Prerequisite: Graduate Status. Summer.

GRADUATE PROGRAMS IN BUSINESS

MBA IN BUSINESS

MA IN SECONDARY EDUCATION (BUSINESS EDUCATION OPTION)

MASTER OF BUSINESS ADMINISTRATION

OBJECTIVES

The purpose of the Boise State University Program leading to the MBA Degree is to prepare the candidate for a career in business management. The curriculum is keyed to the needs of an individual who has just assumed or is preparing to assume additional broad managerial responsibilities.

The MBA curriculum at Boise State emphasizes the traditional MBA approach of development of managerial generalists, with a common body of functional knowledge given to all students. There is no area of emphasis or major available, but once a student satisfies the functional core of courses, free electives to achieve a minor degree of concentration are possible.

GENERAL PREREQUISITES FOR APPLICANTS

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet the standards set by the School of Business of Boise State University. Common to all programs is a foundation of prerequisite courses in basic fields of business administration. Students presenting a bachelor's degree in business normally will have completed most of these requirements as part of their undergraduate program. Since, however, the Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, the liberal arts, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the appropriate CLEP examination.

MATRICULATION REQUIREMENTS FOR APPLICANTS

SPECIFIC PREREQUISITES FOR APPLICANTS

All applicants must meet the following undergraduate requirements or must fulfill these requirements *prior* to enrollment

in MBA classes. New applicants for the MBA program should furnish documentary evidence of GMAT scores and copies of official transcripts upon initial application.

- (a) Possession of a bachelor's degree from an accredited institution.
- (b) Demonstration of satisfactory academic competency by virtue of acceptable scores achieved by either of the following two formulae:
200 X overall GPA plus GMAT score must equal 1000 minimum
200 X junior/senior GPA plus GMAT score must equal 1050 minimum
- (c) For foreign students, in addition to the above formulae minima, a score of 525 on the TOEFL, or its equivalent, is necessary.

(d) Prerequisite courses or their equivalent:

1. Accounting (equivalent to one year)
2. Economics (equivalent to one year)
3. College level mathematics (equivalent to one year)
4. Management
5. Business Law
6. Marketing
7. Finance
8. Data Processing (programming techniques)
9. Business Statistics

Students who are deficient in any prerequisite courses must remove these deficiencies prior to enrollment in MBA 500 level courses. Enrollment in MBA courses without having removed all deficiencies will subject the student to administrative withdrawal, with no recourse, from these MBA courses.

The student may be required to remove other deficiencies as determined by the School of Business.

All applicants must be accepted by the Graduate School of Boise State University in order to achieve the MBA degree.

THE GRADUATE DEGREE PROGRAM

The Master of Business Administration degree consists of a minimum of 30 semester hours of credit from the offerings listed on the following pages or other graduate courses suitable to an MBA degree, as accepted by the MBA Admissions Committee.

Required Core Courses 21 or 24 credits
Electives 9 or 6 credits

Note: A student with a major in a functional business discipline such as management, marketing, finance, economics, or accounting should not take the core course in that discipline, and may substitute any free elective in its place.

A maximum of 9 graduate credits may be accepted from other graduate schools upon request and a determination of acceptability to an MBA program. Students desiring transfer credits must apply on the Program Development Form with appropriate supporting documents and transcripts to the MBA Admissions Committee, School of Business.

Students may elect a maximum of 6 credit hours from the 400 level "G" courses from the Undergraduate School of Business Program. Only those courses listed on the following pages are approved. Advisors should be consulted regarding those courses.

Under certain conditions with the approval of the MBA Program Coordinator and the department chairman concerned, MBA students may earn up to maximum of 3 credit hours of Independent Study and/or Internship Credits which apply to graduation requirements.

MB - REQUIRED CORE COURSES

510 Business and Its Environment (3 credits). This course involves examination of the interaction between business and the economic, social, political and legal order. By utilizing analysis of particular situations, it focuses attention on the broad effects of this total environment upon the administration of business. Emphasis is placed on students testing their own values as they relate the appropriate responsibilities of business to its various publics.

512 Statistical Methods for Business Decisions (3 credits). (Previously Quantitative Methods for Business Decisions.) To provide the MBA student with needed tools in both classical and Bayesian statistics. Specifically such classical subjects as the chi square distribution, analysis of variance, correlation analysis and regression will be covered. Bayesian statistics will be covered from subjective probabilities through decision tree analysis. In addition, hand-outs will be distributed giving examples of the use of these statistical tools. Prerequisites: GB 207 and DP 210 or their equivalent. The student who feels weak in math is advised to take M-561 as a refresher course. Either semester.

* **519 Marketing Analysis** (3 credits). This is a course designed to familiarize the student with marketing management tools and the decision-making process. Theory and practical applications of marketing strategies as they apply to pricing, product decisions, distributions and promotion programs in light of the marketing concept are examined. Prerequisites: Graduate standing, MB 512.

* **530 Financial Management** (3 credits). Analysis of financial problems and formulation of financial policies through case studies. Covers financing of current operations and long-term capital needs, income management and expansion policies. Prerequisite: MB 512.

* **532 Accounting—Planning and Control** (3 credits). A study of the planning and control processes within an enterprise to assist in the making of business decisions. Problems and cases are considered in profit planning and analysis, cost analysis for pricing, and capital budgeting. Overall objective is an understanding of improved techniques of cost planning and control.

* **540 Organization Theory** (3 credits). Problems of organization dynamics and behavioral science research findings and their application to business organizations.

550 Managerial Economics (3 credits). Application of economic concepts and methodology to the problem of formulating rational managerial decisions. Emphasis is given to optimizing techniques, risk analysis, estimation of demand and costs of production, market structures and pricing practices. Integrates economic theory and business administration practice. Prerequisite: MB 512.

579 Business Policy Formulation (3 credits). (Previously MB-513). This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies. This course is designed as a capstone experience and MBA students are expected to have completed all other core courses prior to enrollment.

* Not required for a student with an undergraduate major in that field.

MB - ELECTIVE COURSES

511 Business Research and Communication Techniques (3 credits). Analysis of the scientific method of inquiry and specific research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression in reports, articles and other forms of operational communications. Opportunities for oral presentations of business information to groups and to lead and participate in such group interpersonal communication situations as conferences, meetings and discussions.

520 Marketing Problems (3 credits). Analytical approach to marketing problem solving and decision making, covering market definition, personal selling, advertising and sales promotion, channels of distribution, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

541 Personnel Policy (3 credits). Human resource administration is examined and critically analyzed as it applies to business, government and institutional organizations. Analysis of factors underlying managerial policy decisions relating to selection, development, and motivation of human resources and of the personnel programs designed to implement these decisions. Current trends in the personnel field are examined.

542 Computer Applications for Management (3 credits). A review and analysis of computer-oriented applications used in reaching management decisions. Includes realistic applications presently used in the business environment such as linear programming, regression analysis, matrix analysis and other techniques vital to today's management.

Selected Topics in the following functional areas will be offered as staff availability permits. (3 credits each).

580 Selected Topics—Accounting

581 Selected Topics—Information Systems

582 Selected Topics—Economics

583 Selected Topics—Finance

584 Selected Topics—Industrial Psychology

585 Selected Topics—Management

586 Selected Topics—Marketing

590 Internship. Available on a selective, limited basis. MBA students should consult with advisors.

596 Independent Study (variable credits). Involves special projects undertaken by the MBA 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.

599 MBA Seminar (1 credit). The MBA Seminar will be offered each semester. Contemporary topics will be selected from the functional areas of business, based upon student interest and staff availability. Students may apply 3 hours of MB 599 toward MBA graduation credit.

UNDERGRADUATE "G" COURSES

AC 440 G Accounting Theory (3 credits). A specialized course to provide a frame of reference for advanced accounting students in theory of income, in assessed valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC-206.

EC 421 G—EC 422 G Econometrics (3 credits). Study and application of the principal mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor.

FI 450G Investment Management (3 credits). An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisites: FL-303 and GB-306 or its equivalent. Either semester.

GB 441 G Government and Business (3 credits). A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included.

MK 415 G Marketing Research (3 credits). Consideration of the theory and use of research for particular marketing problems; methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK-301.

MASTER OF ARTS IN SECONDARY EDUCATION* Business Education Emphasis

Admissions and Program

- A. The master's degree program is designed to meet the needs of business teachers. Because of the large number of business courses offered at the secondary level and because of the unique 'delivery systems' at that level, the program is designed with the flexibility and breadth considered necessary to meet a wide range of needs of those students enrolling.

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet the admission requirement for the degree.

Before Advancement to Candidacy can be granted, the student must:

1. ordinarily show eligibility for certification by the State of Idaho (or any other state), and
2. have completed the following prerequisite courses or their equivalent:

a. Principles of Accounting	6 credits
b. Principles of Economics	6 credits
c. Business Law	3 credits
d. Data Processing	3 credits
e. Marketing	3 credits

B. Program Requirements:

CREDITS

1. Secondary Education Core Courses (see page 100 Teacher Ed.) 6
2. Business Courses 12 credits chosen from:
 - a. Business Education:
 - (1) BE-511 Graduate Study in Business Education (required) 3
 - (2) BE-520 Curriculum and Instruction in Shorthand, Transcription, & Office Procedures 3
 - (3) BE-530 Curriculum and Instruction in Typewriting, Bookkeeping-Accounting, and Data Processing 3
 - (4) BE-540 Curriculum and Instruction in Basic Business and Economics 3
 - (5) BE-571 Organization and Supervision of Business Education 3
 - (6) BE-596 Independent Study variable credits
 - (7) BE-599 Workshop in Business Education 3
 - (8) OA-501 Office Systems and Procedures 3
 - (9) BE-441G Principles and Organization of Vocational Education Programs 3
 - (10) BE-443G Administration and Coordination of Cooperative Programs 3
 - b. Business Administration Minimum of 6 credits required chosen from MBA courses and/or "G" courses offered by Departments of Accounting and Data Processing, Management and Finance, Marketing

SCHOOL OF BUSINESS
Masters of Arts in Secondary Education

- and Mid-Management, Economics, and Mathematics.
3. Free Electives 9
 4. Option of:
 - a. Thesis - BE 593 3-6
 - b. Project - BE 591 3-6
 - c. Additional course work 3-6
 5. Any approved 400-level "G" courses limited to 6 credits.

Course Offerings

- A. Required Courses
 1. TE-560 Secondary Education Core Courses 6
 2. BE-511 Graduate Study in Business Education 3
 3. BE-593 Thesis or BE 591 Project 3-6

The Department recommends a thesis or project. However, the option of additional hours in Business Education is available upon approval of the Committee Chairman.
- B. Elective Courses

Additional courses as selected by the student and his graduate committee to meet program requirements.

Additional Information

- A. Culminating Activity and Examination.

Students electing a thesis as a culminating activity will take an oral examination covering the thesis.

Students electing additional course work will take a written and/or oral examination covering course work completed in their degree program.

- B. While any Master of Business Administration course may be used in the requirement outline in 2.b. above, the following are considered to be courses most likely to be chosen:

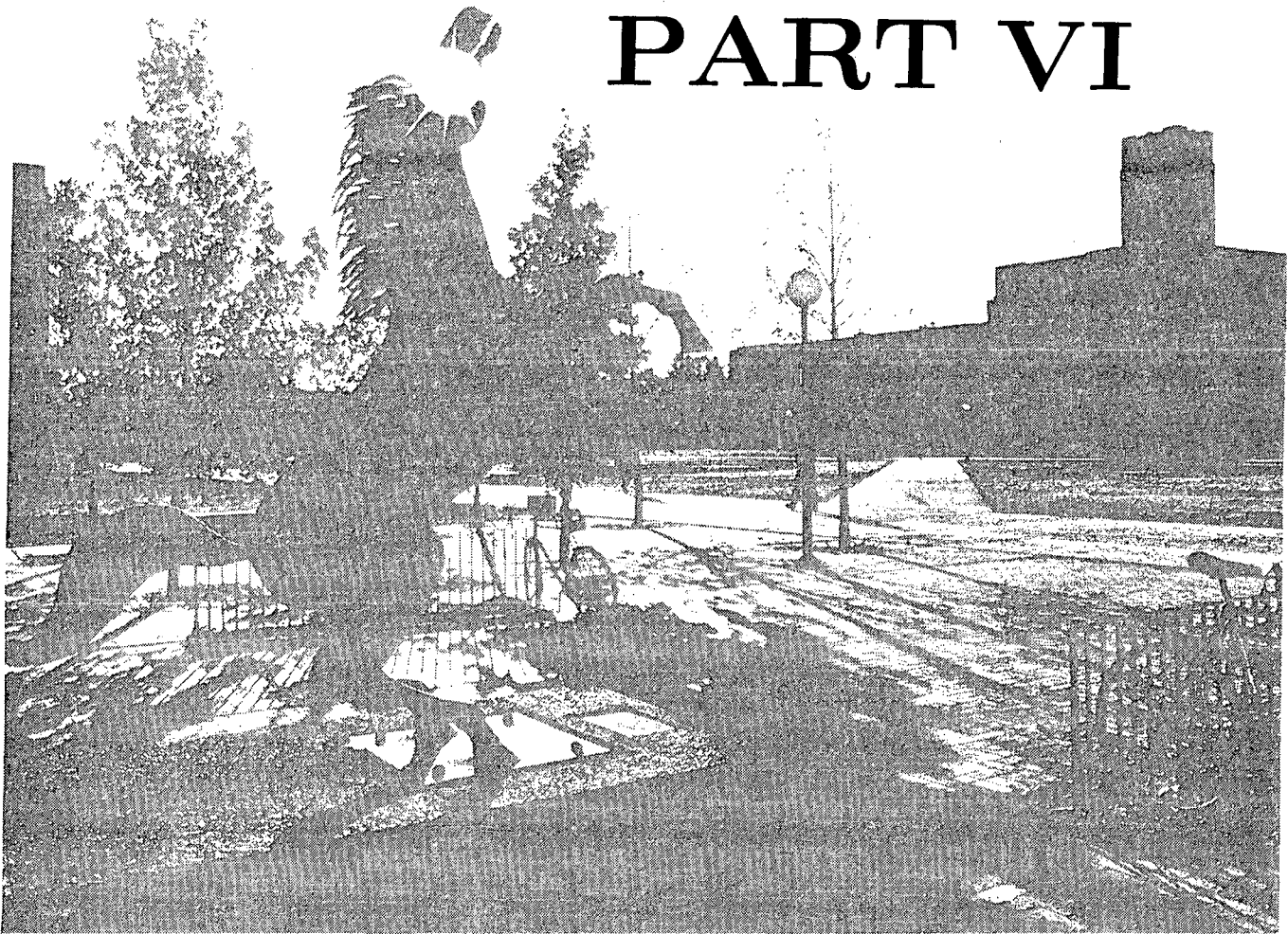
- MB-510 Business and its Environment
- MB-511 Business Research and Communications
- MB-520 Marketing Problems
- MB-532 Accounting-Planning and Control
- MB-541 Personnel Policy
- MB-550 Managerial Economics

For additional details see pages 112, 113, or contact department chairman, Department of Business Education and office administration - (208)385-3451.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.



PART VI



School of Education

Dean: Gerald R. Wallace, Ed.D.
Associate Dean: Clyde Martin, Ed.D.

Departments and Faculty

Center for Counseling, Guidance and Testing:

Director and Professor: Dr. David P. Torbet; *Associate Professors:* Callao, DeLaurier; *Assistant Professor:* R. Downs

Department of Health, Physical Education and Recreation:

Chairman and Professor: Dr. Gene Cooper; *Professor:* Smith; *Associate Professors:* B. Bowman, R. Lewis; *Assistant Professors:* P. Bowman, Boyles, Connor, Holman, Jacoby, Jones, Sweeney, Thorngren, Vaughn, Young; *Instructors:* Fahleson, Wallace

Department of Athletics

Director: Mr. Lyle Smith; *Assistant Director:* R. Stephenson; *Coaching Staff:* Banker, Criner, Cornwell, Connor, Dutton, Golden, Jacoby, Montgomery, Nickel, Vaughn, Young.

Department of Psychology:

Chairman and Professor: Dr. John L. Phillips, Jr.; *Professors:* Sickles, Smith; *Associate Professors:* Barsness, Dodson, Ison, Snow, Thurber, Wilkinson; *Assistant Professor:* Steger

Department of Teacher Education & Library Science:

Chairman and Professor: Dr. John Jensen; *Coordinator of Field Services:* Dr. Ramlaykha Singh; *Professors:* Barnes, Bullington, Chatburn, Frederick, Kirtland, McDonald, Wallace, Young; *Associate Professors:* Beitia, Bieter, Burtch, Comba, Dahlberg, Hill, Marks, Martin, Tucker, Reed, Wolfe; *Assistant Professors:* Beville, Friedeli, Green, Sadler, Schmaljohn, Singh, Waite.

Educational Media Center

Mr. Ben Hamblen, *Director and Assistant Professor*
W. Christensen, D. Graybeal, K. Rau.

Curriculum Resource Center:

Marian Fletcher, *Librarian*

Reading Education Center:

Director: Dr. William Kirtland, Marks, Frederick, Munns

Educational Television

Director and Assistant Professor: Mr. Jack Schlaefle; Berg, Cameron, Cope, Hansen, Korte, McArthur, Martin, Mickelson, Oakland, Pyle, Rawlings, Seward, Stevens, Streiff, Tessman

The School of Education offers majors in Elementary Education; Physical Education for Men, Secondary Education; Physical Education for Women, Secondary Education Option, and Psychology, Liberal Arts Option. It offers course work of both professional and academic nature to students in these and in other major curricula throughout the University. The academic course work is designed to develop ability in and appreciation of scientific thinking about behavior. Professional training is directed primarily toward the mastery of skills that are needed by teachers in the elementary and secondary schools.

TEACHER EDUCATION

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education in the total preparation of elementary and secondary school teachers and librarians.

The Department of Teacher Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of Boise State University and the certification requirements of the Idaho State Board of Education. The Department of Teacher Education has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education in the humanities and in the social and natural sciences. Students also receive special preparation for the particular kind of education work they plan to do.

Admission to School of Education

- A. Students preparing to teach must apply for admission to the School of Education during the sophomore year. This application will be secured and processed as a part of the TE-201, Foundations of Education course (required for certification).

Transfers who have completed an equivalent course in Foundations of Education shall contact the Chairman of the Department of Teacher Education.

- B. General requirements for admission to the School of Education for elementary or secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements shall include:
1. Filing of the "Admission to the School of Education" application.
 2. A minimum grade of "C" in TE-201 or its equivalent.
 3. A satisfactory test score in a prepared "English Qualification Examination." This examination will be prepared and administered by the Department of Teacher Education. The test will be a part of the course work of TE-201, Foundations of Education, given in the sophomore year. Students who fail this examination will be advised as to procedures for improving writing skills. Students may reapply for future examinations and must pass the qualifying examination. Transfer students who have already taken the Foundations course at another institution will take the qualifying examination and will be subject to the above regulations.
 4. "Pass" by the Foundations of Education instructor in oral communication.
 5. Satisfactory completion of an observation and teacher assistant experience in a public or non-public elementary or secondary school. The experience is a part of the course work in TE 201, Foundations of Education, given in the sophomore year. Transfer students who have completed Foundations of Education will be required to

have this experience. The intent of the requirement is to provide an opportunity for potential teachers to verify a desire to work with students in a school situation. Variations in the type of experience acceptable to the School of Education are to be approved by the chairman of the Department of Teacher Education.

Admission to Student Teaching and General Policies

- A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education Field Services by the following deadlines:

1. Blocks I & II (Secondary) March 1 of the Junior Year
Elementary (Fall/Spring)
2. Blocks III & IV (Secondary) October 1 of the Senior Year
Elementary (Spring/Fall)

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: **Six weeks notice will be required prior to the beginning date of the student teaching assignment, if a student wishes to change semesters (elementary) or specific blocks (secondary).**

- B. General requirements for admission to student teaching for elementary or secondary candidates include:

1. Elementary Major

- a. Admission to the School of Education
- b. Recommendation by the faculty advisor or department chairman.
- c. A cumulative grade point average of 2.25.
- d. Elementary Curriculum and Methods, TE-451 and TE-452 taken concurrently with student teaching.
- e. Student teachers assigned to a school for 1/2 day during two semesters.

NOTE: Deviations from the above policies must be approved by the chairman of the Department of Teacher Education and Library Science. In reference to "e", all student teachers must be taking TE-451 (Language Arts emphasis) concurrently with student teaching or prior to student teaching.

f. Senior standing

2. Secondary Option

- a. Admission to the School of Education
- b. Recommendation by the faculty advisor or the department chairman.
- c. A minimum grade point average of 2.25 in the major field, minor field if applicable, and the education courses completed.
- d. A minimum cumulative grade point average of 2.1.
- e. Satisfactory completion (minimum grade of "C") of class Secondary School Methods, and/or the appropriate class or classes in special methods for the teaching area. NOTE: A listing of Secondary Methods and special methods classes is given according to the Concentrated Course Blocks under Secondary Student Teaching. Students are encouraged to complete both Secondary and special methods prior to student teaching.
- f. Senior standing

g. Sufficient credit hours in the assigned teaching area.
NOTE: Secondary certification requires a composite of 45 semester credit hours in a major teaching field or 30 semester credit hours in the major teaching field and 20 semester credit hours in a minor teaching field. Hence, student teachers should be within approximately six hours of the above certification requirements.

- C. Student teachers are expected to do responsible teaching, participate in co-curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their university supervisors.
- D. Students who transfer to Boise State University must meet admission requirements for School of Education and student teaching and complete at least 6-9 semester hours at the institution before being placed in student teaching.

ELEMENTARY EDUCATION

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of studies approved by the Chairman of the Department of Teacher Education and consisting of general and professional education courses.

Requirements for the Bachelor of Arts in Elementary Education:

- A. General University Requirements**
1. English Composition (E-101-102) . . . 3 or 6 semester cr.
Note: E-101 may be exempt.
- B. Area I Requirements** 13
1. Literature (American Literature E-270) . . . 4
2. Second Field (elective) note: may be in performance field. 3
3. Third Field (elective) 3
4. Area I field (literature electives) 3
Note: Choose second and third field electives from Art, Humanities, Music, Philosophy or Theatre Arts. Elementary Education majors to complete minimum of 6 hours of literature including E-270, Survey of American Literature.
- C. Area II Requirements** 12
1. History (United States History) HY-151, HY-152, HY-251, HY-252 3
2. Second Field (Geography GG-101) 3
3. Third Field (Oral Communication elective) . . . 3
4. Area II field (Psychology P-101) 3
Note: Elementary Education majors to complete a course in U.S. History, GG-101 (Introduction to Geography), and a course in Oral Communications.
- D. Area III Requirements** 12
1. A year's sequence chosen from:
Biological Sciences (B-101, 102)
Physical Science (PH-101, 102)
With additional credits from a field other than that chosen to satisfy sequence requirements,
or
2. Any three of the following courses:
Biology (B-100)
Chemistry (C-100)
Geology (GO-100)
Mathematics (M-100)
Physical Science (PS-100)
Physics (Astronomy PH-105)
Note: Elementary Education majors must have courses in both biological science and physical science.
- E. Professional Education Requirements** 9
1. **100 Level**
a. TE-171 Early School Experience 1
b. M-103-104 Modern Mathematics for Elementary Teachers 6
c. MU-101 Music Fundamentals 2

2. **200 Level** 8
a. TE-201 Foundations of Education . . . 3
b. TE-205 Approaches to Reading 3
c. TE-271 Teacher Aide Practicum 2
3. **300 Level** 14
a. MU-371 Music Methods for the Elementary School Teacher 2
b. AR-321 Elementary School Art Methods 3
c. PE-361 Elementary School Physical Ed 3
d. LS-316 Children's Literature 3
e. P-325 Educational Psychology 3
4. **400 Level** 32
a. TE-451 Elementary Curriculum and Methods I 5
b. TE-452 Elementary Curriculum and Methods II 5
c. P-311 Child Psychology 3
d. TE-392 Education of the Exceptional Child 3
e. TE-410 Elementary School Media I . . . 1
f. TE-411 Elementary School Media II . . . 1
g. TE-471 Elementary Student Teaching 5
h. TE-472 Elementary Student Teaching or 5
TE-473 Student Teaching in Special Education
i. TE-498 Senior Seminar - Elementary Education 2
j. TE-499 Senior Seminar - Elementary Education 2

Bachelor of Arts
(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
E-101 English Composition	3	—
E-102 English Composition	—	3
B-100 Concepts of Biology	4	—
Physical Science (C-100, GO-100, PS-100 or PH-105)	—	4
TE-171 Early School Experience	—	1
P-101 General Psychology	3	—
M-103, M-104 Mod. Math for Elem. Teachers	3	3
GG-101 Introduction to Geography	—	3
MU-101 Music Fundamentals	—	2
Elective, Area I Requirement	3	—
	16	16
	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
E-270 Survey of American Literature	4	—
TE-201 Foundations of Education	3	—
HY-151 United States History	—	3
TE-205 Approaches to Reading	—	3
TE-271 Teacher Aide Practicum	—	2
Electives (Include Area III requirements)	9	8
	16	16
	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
AR-321 Elementary School Art Methods	—	3
MU-371 Music Methods for the Elementary School Teacher	2	—
PE-361 Elementary School Physical Ed	—	2
P-325 Educational Psychology	3	—
LS-316 Children's Literature	—	3
Class in Oral Communication	3	—
Electives (consider elementary specialty)	8	8
	16	16
		99

SCHOOL OF EDUCATION
Secondary Education

SENIOR YEAR: (no electives)	1ST SEM.	2ND SEM.
TE-311 Child Psychology	3	—
TE-392 Education Exceptional Child	—	3
TE-410 Elementary School Media I	1	—
TE-411 Elementary School Media II	—	1
TE-451 Elementary Curriculum and Methods	5	—
TE-452 Elementary Curriculum and Methods	—	5
TE-471 Elementary Student Teaching	5	—
TE-472 Elementary Student Teaching or TE-473 Student Teaching Special Ed.	—	5
TE-498 Senior Seminar Elementary Education	2	—
TE-499 Senior Seminar Elementary Education	—	2
	16	16

Students from Boise State University will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

SECONDARY EDUCATION

The Department of Teacher Education serves as consultant in the establishment of "secondary education options" within each of several subject-matter areas. (See the *Secondary Certification Options* in the School of Business; the School of Arts and Sciences; and the Physical Education Department in the School of Education.) The Department of Teacher Education does not offer degrees "in secondary education."

Students preparing to teach in junior or senior high school should major in the subject-matter fields in which they plan to teach. Each student must complete the required professional education courses and the necessary subject matter major under the direction of an advisor in his major department.

Certification Requirements for Secondary Education

Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of a baccalaureate degree including education requirements.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidates has the approval of the department subject area specialization and the Department of the Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow specialized programs determined by the Department of Teacher Education and Library Science.

Idaho requires a total of twenty semester credit hours "in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching."

These requirements are translated into the following *required* Boise State University courses:

TE-201 Foundations of Education	3 credits
P-312 Adolescent Psychology or P-325 Educational Psychology	3 credits
TE-381 Secondary School Methods	3 credits
TE-481 Secondary Student Teaching	6 credits
Total	15 credits

In addition to these required courses, a student may choose from the following courses (if they are appropriate to his teaching field) to complete the *required twenty semester credit hours*. (A student may wish to take more than the minimum twenty credit hours.)

ES-305 Teaching in under Sch

P-312 Adolescent Psychology	3 credits
P-325 Educational Psychology	3 credits
TE-356 Production of Audio-Visual Materials	2 credits
TE-371 Guidance for the Classroom Teacher	3 credits
AR-351 Secondary School Art Methods	3 credits
BE-401 Methods in Business Education	3 credits
BE-421 Business Curriculum and Problems	3 credits
CM-311 Speech Communication for Teachers	3 credits
CM-401 Methods of Teaching Comm.	3 credits
E-301 Teaching English Comp.	3 credits
E-381 Methods of Teaching Secondary School English	3 credits
FL-310 Methods of Teaching Foreign Lang.	3 credits
HY-211 Methods of Teaching History	3 credits
M-490 Mathematics in Secondary Schools	3 credits
MU-257 String Instrumental Techniques and Methods	2 credits
MU-266 Woodwind Instrumental Techniques and Methods	2 credits
MU-368 Percussion Techniques and Methods	2 credits
MU-369 Brass Instrumental Techniques and Methods	2 credits
MU-371 Public School Music	2 credits
MU-385 Choral Methods and Materials	2 credits
PE-425 Problems in Physical Education	2 credits

Each certified secondary school teacher must complete one of the following options:

- (1) A major teaching field of *at least 30 semester credit hours*, and a minor teaching field of *at least 20 semester credit hours*.

(OR)

- (2) A single teaching field of *at least 45 semester credit hours*.

Following is a list of some of the teaching areas for which Idaho endorses certificates, regardless if the area is a major or a minor teaching field. Included in the teaching fields listed below is the specifically required minimum course content for each field. (Reproduced from the Idaho SDE pamphlet published 1974).

English

Not less than six semester credit hours in composition and not less than six semester credit hours in American and English Literature. The remainder may be distributed in the related fields of speech, drama, and journalism.

Speech-Drama

Credits spread over both fields with not less than six semester credit hours in each. For separate endorsement in speech or drama, not less than fifteen semester credit hours in the field to be endorsed.

Journalism

Not less than fifteen semester credit hours in journalism and the remainder, if any, to be chosen from English.

Social Studies

Not less than six semester credit hours in American History and not less than three semester credit hours in American Government. In addition, work in two of the following fields to be represented: world history, geography, sociology, economics, and anthropology.

American Government

Not less than six semester credit hours in American Government, six semester credit hours in American History and three semester credit hours of comparative government.

American History

Not less than nine semester credit hours in American History and not less than three semester credit hours in American Government. The remaining work is to be in history and political science.

Biological Science

Credits distributed in the areas of botany and zoology, including at least six semester credit hours in each. Some work in physiology is recommended.

Physical Science

At least eight semester credit hours in chemistry and eight semester credit hours in physics.

General Science

Credits to include work in each of the following fields: physical, biological and earth science.

Mathematics

Credits to include work in algebra, geometry and trigonometry.

Physical Education

Credits distributed to include work in anatomy or physiology and health education.

Secretarial Science

Six semester credit hours in shorthand and at least one course in intermediate or advanced typewriting. The other credits are to be distributed in business courses which ensure knowledge of office machines, business and office practices and procedures.

Bookkeeping

Credits in business subjects, including at least one course in intermediate or advanced typewriting and not less than six semester credit hours of accounting with additional work in business law and business administration.

Business Education

Credits to include work in each of the following fields: typewriting, shorthand, accounting and office machines. Additional work may be selected from business law, business administration, retail merchandising, economics and office procedures.

Driver Education

An Idaho Driver Education teacher shall:

Have four semester credit hours which shall consist of not less than two semester credit hours in basic driver education for teachers and followed by not less than two semester hours in courses such as the following:

Advanced driver education, general safety education, traffic engineering, driving simulator education, and highway transportation.

Have three years of satisfactory driving experience immediately preceding the time of teaching, as evidenced by the State Department of Law Enforcement, Traffic Safety Division.

This change given above was effective for all teachers of driver education in the State of Idaho on September 1, 1968.

Music

Credits to include work in theory and harmony, applied music (voice, piano, organ, band and orchestra instruments), History and Appreciation, Conducting, and music methods and materials.

Arts and Crafts

Credits to include work in four of the following areas: wood-working, drafting, ceramics, leather work, plastic, the graphic arts and art metal.

SECONDARY STUDENT TEACHING

Secondary Education Student Teaching for 1976-77 —

Student teaching will be offered in 4 blocks of nine weeks each, all day. The first nine weeks will accommodate physical education majors, summer school candidates, transfers from other institutions and, if necessary, those who will graduate in December. The second nine weeks block will be reserved for history and social science majors, mathematics majors, and, if necessary, for students who will graduate in December. Business Education, English, and Music majors will teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, art, speech and drama, and foreign language majors for the student teaching assignment. Permission for any deviation to the above placement of major fields must be granted by the Chairman of the Department of Teacher Education.

NOTE: The Department of Teacher Education has under consideration a plan to move to a semester long student teaching program beginning the fall of 1977.

Concentrated Course Blocks And Student Teaching 1976-

77 — The student will take a group of subjects (6-9 semester hours) during the balance of the semester, complementing the assigned student teaching block.

Scheduling by Departments

Art

Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices: (8-9 credits)

Production of Audio-Visual Materials, TE-356 (2)

Educational Psychology, P-325 (3)

Secondary School Methods, TE-381 (3)

Business

Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices: (8-9 credits)

Production of Audio-Visual Materials, TE 356 (2)

Speech Communication for Teachers, CM-311 (3)

Business Curriculum and Problems, BE-421 (3)

Secondary School Methods, TE-381 (3)

Note: BE-401 Methods in Business Education (3) is to be taken the semester preceding student teaching.

Communications (Speech)

Student Teaching No. 4 (6 credits)

CCB No. 3

CCB Choices:

Production of Audio-Visual Materials, TE 356 (2)

Secondary School Methods, TE-381 (3)

English

Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:

Production of Audio-Visual Materials, TE-356 (2)

Speech Communication for Teachers, CM-311 (3)

Secondary School Methods, TE-381 (3)

Note: E-318 Methods of Teaching Secondary School English (3) is to be taken the semester preceding student teaching.

SCHOOL OF EDUCATION

Student Teaching

Foreign Languages

Student Teaching No. 4 (6 credits) CCB No. 3.

CCB Choices:

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Methods of Teaching Foreign Language, FL-310 (3)
- Secondary School Methods, TE-381 (3)

History

Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices:

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Secondary School Methods, TE-381 (3)
- History — Civil War and Reconstruction, HY-354

Mathematics

Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices:

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Secondary School Methods, TE-381 (3)
- Foundations of Geometry, M-311 (3)
- Mathematics in Secondary Schools, M-490 (3)

Music

Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:

- Production of Audio-Visual Materials, TE-356 (2)
- Secondary School Methods, TE-381 (3)
- (Music courses to be arranged)

Physical Education

Student Teaching No. 1 (6 credits) CCB No. 2

CCB Choices: (8-9 credits)

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Gymnastics, Apparatus, Fitness Techniques, PE-336 (2)
- Problems in Physical Education, PE-425 (2)
- Problems in Interscholastic Athletics, PE-430 (2)
- Note: Secondary School Methods TE-381 (3) is to be taken the semester preceding student teaching.

Sciences

Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices: (8 credits)

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Secondary School Methods, TE-381 (3)

Social Science

Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices: (8-9 credits)

- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Secondary School Methods, TE-381 (3)
- History — The National Era, 1815-1848, HY-353 (3)

Placement

A Teacher Placement Service is maintained by the University Placement Office, which is administered by the Dean of Student Personnel Services.

Center for Counseling, Guidance, and Testing

The Center provides special services for students with problems in educational, vocational and personal areas. The Center is especially designed for students with specific reading problems. Other services include professional testing and counseling.

Reading Education Center

This Center provides special services for college and public school students with specific problems in reading.

Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

Areas of Specialty

Students in education may select an area of specialty as a phase of the Elementary Education major or the Secondary Option in subject areas. Areas of specialty are: Early Childhood Education, Library Science, and Special Education. In some instances, students may need to extend the time sequence at the University in order to complete a specialty. Planning for the specialties should begin prior to the Junior year.

Early Childhood Education

Students may enroll in a program that will provide for a specialty in Early Childhood Education. The Elementary Education major should plan the program with the assistance and approval of the advisor and the consultant in Early Childhood Education. Some courses may be included in both the Elementary Education sequence and the Early Childhood sequence. A minimum of 21 hours, as designated below, is required.

A. Required Courses (total of 17 credit hours)

1. TE-461 Child Behavior in Early Childhood Education - 3 credits.
2. TE-462 Curriculum in Early Childhood Education - 3 credits.
- ~~3. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.~~
4. TE-464 Classroom Structure in Early Childhood Education - 3 credits.
5. Student must complete TE-472 Elementary Student Teaching at the Kindergarten level - 5 credits.

B. Elective Courses (minimum of 4 credit hours)

1. PE-357 Rhythms for Kindergarten, Special Education and Elementary Teachers - 2 credits.
2. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
3. TE-371 Guidance for the Classroom Teacher - 3 credits.
4. TE-391 Psychology of the Exceptional Child - 3 credits.
5. TE-392 Education of the Exceptional Child - 3 credits.
6. TE-430 The Diagnosis of Learning Disabilities - 3 credits.
7. TE-431 The Remediation of Learning Disabilities - 3 credits.
8. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
9. TE-496 Independent Study - 3 credits.

Library Science Teaching Minor

In addition to general certification requirements, the training required for teacher librarians, at any grade level, shall be not less than 24 semester credit hours in the general field of educational media, 12 of which must be in the areas of material selection, organization and administration, cataloging and classification, and reference, and bibliography. Students must be able to type.

Up to six semester credit hours in the subject areas listed below may be substituted for an equal number of hours in the field of educational media, for the purpose of meeting the requirements for the endorsement:

- Philosophy of Education
- Educational Administration
- Curriculum Design or Development
- Pedagogy or Methods of Instruction
- Educational Psychology, or Theory of Learning
- Child or Adolescent Psychology
- Communications
- Graphic Arts

A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff, or with the library science instructor, for guidance in planning his undergraduate program. These basic courses which follow, however, will give suitable academic training for librarians in small public libraries of the area, who are unable to afford graduate library schools:

Introduction to Use of Libraries	2	} 12	} 15	} 20-22
* Library Organization and Administration	3			
* Reference and Bibliography	3			
* Basic Book Selection	3			
* Cataloging and Classification	3			
* Children's Literature	3			
* Audio Visual Aids in Education	2			
Literature for the Adolescent	3			

Special Education

Students may enroll in a planned program that will provide for interim (entry) certification in the areas of Learning Disabilities and Mental Retardation. The Elementary Education major, or the Secondary Option, should plan the program with the assistance of the advisor and the consultant in Special Education. Some course may be included in both the Elementary Education sequence and the Special Education sequence. A minimum of 21 hours, as designated herein, is required for each specialty.

A. Learning Disabilities

1. **Required Courses** (total of 17 credit hours)
 - a. TE-391 Psychology of the Exceptional Child - 3 credits.
 - b. TE-392 Education of the Exceptional Child - 3 credits.
 - c. TE-430 The Diagnosis of Learning Disabilities - 3 credits.
 - d. TE-431 The Remediation of Learning Disabilities - 3 credits.
 - e. Students must complete TE-473, Elementary Student Teaching in Special Education in Learning Disabilities Classroom - 5 credits.
2. **Elective Courses** (minimum of 4 credit hours)
 - a. PE-357 Rhythms for Kindergarten, Special Education and Elementary Teachers - 2 credits.
 - b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
 - c. TE-371 Guidance for the Classroom Teacher - 3 credits.
 - d. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
 - e. TE-358 Corrective Reading in the Elementary School - 3 credits.
 - f. TE-462 Curriculum in Early Childhood Education - 3 credits.
 - g. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
 - h. TE-496 Independent Study - 3 credits.

B. Mental Retardation

1. **Required Courses** (total of 17 credit hours)
 - a. TE-391 Psychology of the Exceptional Child - 3 credits.
 - b. TE-392 Education of the Exceptional Child - 3 credits.
 - c. TE-420 Curriculum for the Mentally Retarded Child - 3 credits.
 - d. TE-421 Teaching Strategies for the Mentally Retarded Child - 3 credits.
 - e. Students must complete TE-473, Elementary Student Teaching in Special Education in a Mental Retardation Classroom - 5 credits.
2. **Elective Courses** (minimum of 4 credits)
 - a. PE-357 Rhythms for Kindergarten, Special Education and Elementary Education Teacher - 2 credits.

- b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
- c. TE-371 Guidance for the Classroom Teacher - 3 credits.
- d. TE-440 Instructional Material for the Exceptional Child - 3 credits.
- e. TE-358 Corrective Reading in the Elementary School - 3 credits.
- f. TE-462 Curriculum in Early Childhood Education - 3 credits.
- g. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
- h. Independent Study - 3 credits.

**DEPARTMENT OF HEALTH,
PHYSICAL EDUCATION AND
RECREATION**

PHYSICAL EDUCATION

**DEPARTMENT OF HEALTH, PHYSICAL
EDUCATION AND RECREATION**

The Department of Health, Physical Education and Recreation offers a major in Physical Education with specialized options in Secondary Physical Education, Elementary Physical Education, Athletic Coaching, Athletic Training, Physical Education for the Exceptional Child, and Pre-Physical Therapy. Students who complete the major program in one of the options, except Pre-Physical Therapy, are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho. The Pre-Physical Therapy option is designed for those students who are interested in pursuing a physical therapy degree that does not require teacher certification. Physical Education Minors are offered in Elementary Physical Education and Athletic Coaching.

Facilities:

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural program offered by the department and the recreation programs offered by the Student Union games area.

Elective Physical Education Activity Program:

EIGHT SEMESTER HOURS OF PHYSICAL EDUCATION ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

The elective physical education program at Boise State University has been designed with the needs of the student in mind. Emphasis is placed on instruction to meet the following objectives:

1. To develop the physical capacities that comprise the biological bases for physical fitness.
2. To improve skills in basic body mechanics, team and individual sports, and in rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.
4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
5. To improve social competency and emotional stability through participation in sports activities.

The elective program includes beginning level activities, and intermediate level activities. No courses may be repeated for credit.

SCHOOL OF EDUCATION
Physical Education

Elective Activities Are:

Dance:

- International Folk Dance*
- Modern Dance*
- Recreational Dance
- Social Dance

Individual Sports:

- Archery*
- Badminton*
- Billiards
- Bowling*
- Fencing*
- Golf*
- Gymnastics*
- Handball & Court Games*
- Skiing
- Tennis*

Martial Arts:

- Defensive Tactics
- Judo*
- Karate*
- Self Defense*

Outdoor Recreational Activities:

- Backpacking & Camping
- Fly Casting & Fly Tying
- Target & Trap Shooting
- Bicycle Touring

Physical Fitness Activities:

- Adaptive Physical Education
- Physical Fitness Activities
- Jogging
- Weight Training

Team Sports:

- Basketball*
- Field Hockey*
- Touch Football
- Rugby
- Soccer*
- Softball
- Team Handball
- Track & Field
- Volleyball*

Water Activities:

- Kayak & Canoeing
- Senior Life Saving
- Skin & Scuba Diving
- Spring Board Diving
- Swimming*
- Water Polo
- Water Safety Instruction

* More than one level of instruction is offered in this activity.

**REQUIREMENTS FOR
PHYSICAL EDUCATION MAJOR**

Bachelor of Science Degree

A student must complete the following requirements to receive a Baccalaureate degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science Degree as listed in the BSU bulletin (page 18) with specific requirements in areas I, II, and/or III as determined by the physical education department.
2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Bulletin (pages 98-100). Students selecting the Pre-physical Therapy option need not fulfill this requirement.
3. The requirements of the Physical Education Department:
 - (a) The 28 credit core requirement
 - (b) All other required courses listed in the option of the students choice.

PHYSICAL EDUCATION CORE REQUIREMENTS

(Required of all Physical Education Majors)

FRESHMAN YEAR		CREDITS
PE 100	Health Education	3
PE 101	Introduction to Physical Education	1
PE 105	First Aid	2
PE 145	Field Sports and Basic Movement (W)	
	or	
PE 147	Soccer, Speedball and Basic Movement (M)	2
PE 146	Basketball, Tennis and Badminton (W)	
	or	
PE 148	Basketball, Track and Field (M)	2
SOPHOMORE YEAR		
PE 230	Anatomical Kinesiology	2
PE 255	Evaluation in Physical Education	3
JUNIOR YEAR		
(Upper Division Standing Required)		
PE 304	Secondary School Physical Education Methods	2
PE 305	Personal & Public Health Problems	3
PE 310	Physiological Kinesiology	2
SENIOR YEAR		
PE 401	Psychology of Activity	3
PE 457	Organization & Administration of Physical Education	3
Total Core Requirements		28

PHYSICAL EDUCATION REQUIREMENTS

ATHLETIC TRAINER OPTION

		CREDITS
Physical Education Core Program		28
Coaching Methods		8
PE 228	Introduction to Athletic Injuries	2
PE 451	Adaptive & Corrective Physical Education	2
PE 402	Athletic Training & Sports Medicine	3
PE 493	Internship in Physical Education (Athletic Training)	6
Total		49

PRE-PHYSICAL THERAPY OPTION

Physical Education Core Program		28
Professional Activities Electives		2
PE 228	Introduction to Athletic Injuries	2
PE 202	Principles of Physical Education	2
PE 311	Biomechanical Kinesiology	2
PE 402	Athletic Training & Sports Medicine	3
PE 451	Adaptive & Corrective Physical Education	2
PE 493	Internship in Physical Education (Physical Therapy)	6
Total		47

SECONDARY PHYSICAL EDUCATION OPTION

Physical Education Core Program		28
Professional Activities Electives		5
PE 311	Biomechanical Kinesiology	2
PE 228	Introduction to Athletic Injuries	2
PE 202	Principles of Physical Education	2
PE 451	Adaptive & Corrective Physical Education	2
PE 361	Elementary School Physical Education Methods	3
Coaching Methods Electives		2
Total		46

**PHYSICAL EDUCATION FOR THE
EXCEPTIONAL CHILD OPTION**

Physical Education Core Program	28
Professional Activity Electives	5
PE 202 Principles of Physical Education	2
PE 228 Introduction to Athletic Injuries	2
PE 361 Elementary School Physical Education Methods	3
PE 359 Kindergarten & Special Education Physical Education Methods	2
PE 357 Dance for Children	2
PE 451 Adaptive & Corrective Physical Education	2
Total	46

ELEMENTARY PHYSICAL EDUCATION OPTION

CREDITS

Physical Education Core Program	28
PE 202 Principles of Physical Education	2
PE 228 Introduction to Athletic Injuries	2
Coaching Methods	2
PE 357 Dance for Children	2
PE 359 Kindergarten & Special Education Physical Education Methods	2
PE 361 Elementary School Physical Education Methods	3
PE 451 Adaptive & Corrective Physical Education	2
PE 493 Internship in Physical Education (Elementary)	3
Total	46

ATHLETIC COACHING OPTION

Physical Education Core Program	28
Professional Activity Electives	5
PE 228 Introduction to Athletic Injuries	2
Coaching Methods	6
PE 430 Organization and Administration of Athletics	2
PE 493 Internship in Physical Education (Coaching)	3
Total	46

ELEMENTARY PHYSICAL EDUCATION MINOR

CREDITS

PE 100 Health Education	3
PE 101 Introduction to Physical Education	1
PE 105 First Aid	2
PE 145 Professional Activities (Women) or	2
PE 147 Professional Activities (Men)	2
PE 148 Professional Activities (Men) or	2
PE 245 Professional Activities (Women) Activities Electives (Men)	2
PE 163 Basketball (Women)	1
PE 165 Volleyball (Women)	1
PE 202 Principles of Physical Education	2
PE 228 Introduction to Athletic Injuries	2
PE 230 Anatomical Kinesiology*	2
PE 310 Physiological Kinesiology*	2
PE 357 Dance for Children	2
PE 361 Elementary School Physical Education Methods	2
PE 451 Adaptive and Corrective Physical Education Coaching Methods	4
Total	30



ATHLETIC COACHING MINOR

CREDITS

PE 100 Health Education	3
PE 101 Introduction to Physical Education	1
PE 105 First Aid	2
PE 145 Professional Activities (women) or	2
PE 147 Professional Activities (men)	2
PE 228 Introduction to Athletic Injuries	2
PE 230 Anatomical Kinesiology	2
PE 304 Secondary School Physical Education Methods	2
PE 310 Physiological Kinesiology	2
PE 202 Principles of Physical Education	2
PE 401 Psychology of Activity	3
PE 430 Organization and Administration of Athletics	2
PE 493 Internship in Physical Education (Coaching) Coaching Methods	3
	6

Total 32

**DEPARTMENT OF
PSYCHOLOGY**

The School of Education, through its Department of Psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology but considerable latitude is allowed within the framework set by those requirements, as at least twelve hours of each student's course work in psychology are "elective."

The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and he should not regard successful completion of that program as a preparation to perform psychological services. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

Every psychology major, must sit for the Graduate Record Examination (both "Aptitude" and "Advanced") at some time during his senior year and have the results sent to the Department.

**REQUIREMENTS FOR
PSYCHOLOGY MAJOR**

Bachelor of Arts or Bachelor of Science

CREDITS

I. Lower division:		
A. Psychology (see: Area II, below)		
B. Other		
1. Area I	15-18	
English Composition	3-6	
Literature	3	
Second Area I field*	3	
Third Area I field*	3	
Any Area I field**	3	
2. Area II	15	
History	3	
General Psychology, P-101	3	
Physiological Psychology, P-225	3	
Intro to Practice of Psych, P-201	3	
Third Area II field	3	
3. Area III	19	
Mathematics for the Life Science, M-115-116	10	
Concepts of Biology, B-100	4	
Human Physiology and Anatomy, Z-107	5	
II. Upper Division:		
A. Psychology		25
1. Statistical Methods P-305	3	
2. Experimental Psychology P-321	4	
3. Psychological Measurement P-421	3	
4. Learning, P-441	3	
5. Psychological Systems P-461	3	
6. Electives in psychology	9	
B. Upper Division Electives		15
III. Free electives (36-39 credits)		

* excluding performance courses
** including performance courses

NOTE: Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
* English Comp. E-101, 102	3	3
* Intro to Art, Drama, Music or Humanities	3	3
* Concepts of Biology, B-100	4	—
* Human Physiol and Anat., Z-107	—	5
* History of Western Civ, H-101 and H-102	3	3
* General Psychology, P-101	3	—
Elective	—	3
	16	17
SOPHOMORE YEAR:		
Literature	3	3
* Math for Life Sciences, M-115, 116	5	5
Physical and Cultural Anthropology, AN-201, 202	3	3
* Physiological Psych, P-225	3	—
* Intro to Practice of Psych., P-201	—	3
Elective(s)	4	3
	18	17
JUNIOR YEAR:		
* Statistical Methods, P-305	3	—
* Experimental Psych., P-321	—	4
Digital Computer Programming, EN-104	—	2
Child Psychology, P-311	3	—
Adolescent Psychology, P-312	—	3
Perception, P-341	—	3
Electives	9	3
	15	15
SENIOR YEAR:		
* Psychological Measurement, P-421	3	—
* Learning, P-441	3	—
* Psychological Systems, P-461	—	3
Abnormal Psychology, P-301	3	—
Personality, P-351	3	—
Social, P-431	—	3
Electives	3	9
	15	15

* Specifically required.

COURSES

PE PHYSICAL EDUCATION

100 Health Education (Coed) (3 credits). Health education covers a wide variety of subjects, as nutrition, diseases, health needs and services, drugs, family living and personality structure and development. The major objective of this class is aiding student adjustment towards effectively functioning in a changing environment.

101 Introduction to Physical Education (Coed) (1 credit). Required of all prospective Physical Education Majors. An orientation course designed to give the prospective physical education teacher an understanding of what is involved in the profession; duties of physical educators; professional preparation, service rendered by physical educators, employment opportunities, certification requirements. Prerequisite: None. First semester.

102 Kayaking and Canoeing (Coed) (1 credit). The basic Kayaking and Canoeing course is designed primarily to cover the principles of safety, self rescue using this type of small craft. The objective of the course is to teach safe handling skills, self rescue skills, skills to use in helping others or rescuing others who are in trouble and ways to apply the basic skills interestingly and safely. Prerequisite: Candidates must have sufficient swimming ability to maintain himself in the water 10 minutes comfortably. Must be able to jump into deep water fully clothed and float, tread water safely for a period of 10 minutes. Unqualified people are not encouraged to enter the program. Either semester.

103 Introduction to Recreation (Coed) (2 credits). Designed to acquaint the student with the growth and development of community recreation and the role of community recreation in our present day society. Spring semester. Prerequisite: None.

104 Target and Trap Shooting (Coed) (1 credit). Fundamental skills of air rifle and shotgun shooting. Sighting procedures, gun parts, care of equipment and safety are stressed. Shotgun trap loading will also be taught. Students will furnish their own shotgun and trap range fees. Either semester.

105 First Aid (Coed) (2 credits). Immediate and temporary care for a wide variety of injuries and illnesses: control of bleeding, care of poisoning, and proper methods of transportation, splinting and bandaging. Successful completion of course leads to Red Cross standard certificate. Required of all PE majors. Each semester.

108 Adaptive Physical Education (Coed) (1 credit). A fundamental body mechanics, posture and corrective exercise program designed to offer assistance to men and women who, for various reasons, are unable to participate in a regularly scheduled activity class. Students may be referred into the adaptive class where they can benefit twofold: (1) Help correct or rehabilitate their physical problem. (2) Avoid losing credit from an activity class they can no longer participate in. Students may remain in an adaptive section depending upon their need. Either semester.

109 Jogging (Coed) (1 credit). Instruction and individual participation in beginning endurance running. The student will be pre-tested and placed into a level suitable to his capabilities as to age and physical condition. It is designed as a program to develop and maintain the cardio respiratory system. Either semester.

110 Team Handball (M) (1 credit). The course consists of participation in the team sport of team handball. Emphasis will be placed on the natural skills of running, jumping, throwing, and catching. Basic offensive and defensive strategy and rules of the game will be taught. Either semester.

112 Billiards (Coed) (1 credit). The course is designed especially for the beginner in the art of playing pocket billiards. It will include complete instruction for the beginners in basic fundamentals as selection of the cue, grip, stroke, and bridge. Rules, position play and playing strategy will also be taught. Either semester.

130 Water Polo (M) (1 credit). Designed to teach the skills strategy, and rules of water polo. Prerequisite: adequate swimming skills. Each semester.

131 Spring Board Diving (Coed) (1 credit). Emphasis is on basic diving skills, diving procedures, proper body positions, and safety in diving and diving areas. Prerequisite: Instructor's permission. Each semester.

- 132 Skin and Scuba Diving (Coed)** (1 credit). Instruction in the use of mask, fins, and snorkel and an aqua lung that will enable the student to breathe under water. Prerequisite: Pass a swimming skill test. Each semester. (Cost to the student approximately \$30.00).
- 133 Modern Dance (Coed)** (1 credit). Provides opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Work will encompass improvement of body flexibility, balance, coordination and relaxation through use of modern dance techniques and movement exploration. Either semester.
- 134 Backpacking and Camping (Coed)** (1 credit). Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice of camping sites, basic outdoor cooking skills, minor first-aid skills, and emphasizes ecology in the outdoors. Students will furnish their own equipment. Either semester.
- 135 Karate (Coed)** (1 credit). Karate may be defined as a weaponless means of self defense. The Karate techniques are based on the theory of energy conservation. The essence of Karate is the coordination of the mental and physical powers possessed by every human being. Students will furnish their Gi. Each semester.
- 136 Fly Casting and Tying (Coed)** (1 credit). Designed to teach the fundamentals of fly casting and fly tying. Emphasis will be placed on casting techniques, equipment, knots, and stream-lake fishing procedures. Basic aquatic entomology will be taught as it pertains to the fly ties. Basic tying operations will be taught. Students will provide their rod, reel, and line and fly tying kit. Either semester.
- 145 Basic Movement and Field Sports (W)** (2 credits). For professional students. Instruction and practice. Basic movements, field sports. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors.) Fall semester.
- 146 Basketball, Tennis and Badminton (W)** (2 credits). For professional students. Instruction and practice. Basketball, tennis and badminton. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors.) Spring semester.
- 147 Basic Movement, Soccer and Speedball (M)** (2 credits). For professional students. Instruction and practice. Basic movement, soccer and speedball. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors.) Fall semester.
- 148 Basketball, Track and Field (M)** (2 credits). For professional students. Instruction and practice. Basketball, track and field. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors.) Spring semester.
- 152 Beginning Swimming (W)** (1 credit). Basic water safety, skills and knowledge: floating, bobbing, diving, rhythmic breathing, treading water, and an introduction to the crawl, side stroke, elementary backstroke. For students that do not know how to swim. Each semester.
- 157-158 Drill Team (W)** (1 credit). Drills composed of dance steps and arranged in various formations and maneuvers for half-time presentation at football and basketball games. One hour daily. By instructor's permission. Each semester.
- 161 Beginning Badminton (Coed)** (1 credit). The course covers basic skills in badminton to encourage skill development, understanding and appreciation of the game. Each semester.
- 163 Beginning Volleyball (W)** (1 credit). The course consists of participation in volleyball with consideration of fundamental skills, rules, and basic team strategy. Each semester.
- 164 Beginning Volleyball (M)** (1 credit). A beginning class in volleyball with the basic fundamentals and team strategies of volleyball emphasized. Also basic skill drills used for skill improvement. General game situations and team participation are brought to a level of fun activity with improvement of skill the end objective. Each semester.
- 165 Beginning Basketball (W)** (1 credit). The course consists of participation in basketball with consideration of fundamental skills, rules, and basic team strategy. Either semester.
- 166, 167 Varsity Participation** (1 credit). Includes Football, Basketball, Wrestling, Baseball, Track, Cross Country, Tennis, Golf, Gymnastics, Field Hockey and Softball.
- 168 Basketball (M)** (1 credit). A beginning class in basketball emphasizing general rules and participation. Basic offensive strategies will be discussed and basic drills on passing, dribbling, and shooting will take place. Defensive tactics such as man to man, zones, and rebounding will also be explained. Spring semester.
- 169 Beginning Tennis (Coed)** (1 credit). A course for the student who has never played tennis and includes basic skills, strategies, and rules. Each semester.
- 171 Beginning Field Hockey (W)** (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.
- 172 Softball (W)** (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.
- 173 Beginning Soccer (M)** (1 credit). Participation in soccer with emphasis on skill development, rules, and team strategy. Each semester.
- 174 Beginning Judo (Coed)** (1 credit). A safe, fun-sport which is also a complex art form. The course consists of principles and philosophy of Judo and the techniques of falling, throwing, and grappling. Students will furnish their Gi. Each semester.
- 175 Beginning Self-Defense (Coed)** (1 credit). The defensive tactics are presented in the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and nonaggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Each semester.
- 178 Beginning Swimming (M)** (1 credit). Instruction in the beginning skills and progress to more advanced beginner skills. Floating, gliding, rhythmic breathing, bobbing, kicking. Safety emphasized to keep the student mentally alert to his skill level. Each semester.
- 179 Rugby (M)** (1 credit). Introductory course to provide skills, rules and team play for the beginner. Fall semester.
- 180 Beginning Archery (Coed)** (1 credit). The course is designed for the beginning archery student to provide instruction in the fundamental techniques of all phases of archery, target, field clout, golf, novelty, etc. Each semester.
- 181 Beginning Golf (Coed)** (1 credit). The course is designed for the beginning golf student to provide instruction in the fundamental techniques of all phases of golf. The student will also be acquainted with the rules, regulations and proper etiquette of the game. Each semester. Green fee approximately \$10.00.
- 182 Track and Field (W)** (1 credit). The course consists of participation in track and field events with consideration of fundamental skills and rules for meets. Spring semester.
- 183 Handball and Court Games (M)** (1 credit). A class designed to teach techniques and skills of handball and paddleball with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.
- 184 Recreational Dance (Coed)** (1 credit). A course in the fundamentals of dance, designed to increase the knowledge and skill of the student. The course includes folk, square, round, mixer, and basic social dances. Each semester.
- 185 Physical Fitness Activities (W)** (1 credit). Sequential and progressive exercises, activities for general fitness that involves strengthening, stretching, slenderizing and relaxation. Each semester.
- 186 Physical Fitness Activities (M)** (1 credit). A class designed to improve techniques and skills for individual fitness, with emphasis on drills and general physical conditioning programs for individual needs. The students will also be introduced to a wide variety of physical activities where new and old skills can be used to improve total physical fitness. Each semester.
- 188 Social Dancing (Coed)** (1 credit). The course covers basic techniques of social dancing. Dances included are waltz, cha-cha, foxtrot, rumba, tango, lindy, and various novelty dances. Either semester.
- 189 International Folk Dancing (Coed)** (1 credit). Instruction and application of basic steps and patterns used in folk dances from different countries. Either semester.
- 190 Beginning Bowling (Coed)** (1 credit). Designed to teach the basic skills of bowling; includes approach and delivery; handicaps and scorekeeping. Each semester. Bowling fee approximately \$10.00.
- 191 Alpine Skiing (Coed)** (1 credit). An introduction to the various techniques of skiing. Students will pay an instruction fee and lift fee at Bogus Basin. Students will furnish their equipment. Spring semester.
- 192 Defensive Tactics (Coed)** (1 credit). The course consists of physical defense against one or more persons; physical arrest; control and restraint, familiarization with control devices; definition and application of that force which is reasonable and necessary, individual and group tactics. Students will furnish Gi. Each semester.
- 193 Touch Football (M)** (1 credit). A class designed to teach technique and skills of touch football, with special emphasis on playing procedures. Students will be introduced to a variety of playing activities where old and new skills can be used. Fall semester.
- 202 Principles of Physical Education (Coed)** (2 credits). Course content consists of philosophy of physical education, physical educators' role in general education, changing concepts of physical education, history and principles of physical education. Sophomore year. Prerequisite: Introduction to Physical Education PE 101. Each semester.
- 208 Beginning Gymnastics (M)** (1 credit). This course is designed for the beginning student to provide instruction in the fundamental techniques of all phases of gymnastics. The student will also be acquainted with spotting and safety techniques. Each semester.
- 209 Advanced Self-Defense (Coed)** (1 credit). The course is a continuation of Self-Defense using Aikido, Judo and Karate, teaching coordination of the mind and body and nonaggressive application of the natural laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.
- 210 Advanced Judo (Coed)** (1 credit). Continuation of the basic skills of Judo. Advanced form to encourage participants to seek advanced degrees. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.
- 228 Introduction to Athletic Injuries (Coed)** (2 credits). An introduction to Athletic training, care prevention, and rehabilitation. The role of the Athletic Trainer, qualifications and rehabilitations, as they relate to physical education and athletics; Control and care of injuries. Prerequisite: Sophomore year or instructor's permission. Either semester.
- 230 Anatomical Kinesiology (Coed)** (2 credits). An overview of the structure and motion capabilities of the human musculoskeletal system. Emphasis will be placed on the analysis of movement through the study of individual muscles, muscle groups, muscles as a means of transmitting force to levers and surface anatomy. Prerequisite: Human Anatomy. Either semester.
- 233 Advanced Modern Dance (Coed)** (1 credit). Continuing technique study encompassing body flexibility, balance, coordination, and movement control leading to dance choreography and production work. Prerequisite: PE 133, Modern Dance or Instructor's permission. Either semester.

SCHOOL OF EDUCATION
Courses, PE

235 Advanced Karate (Coed) (1 credit). This course provides for continuation of the techniques learned in Beginning Karate. Instruction will be in greater depth in the art of Karate. Participants will be encouraged to seek degrees of rank. Prerequisite: PE 135, Beginning Karate or Instructor's permission. Either semester.

245 Track and Field, Trampoline and Gymnastics (w) (2 credits). For professional students. Instruction and practice. Track and field, trampoline and gymnastics. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

246 Volleyball, Archery, Golf and Bowling (W) (2 credits). For professional students. Instruction and practice. Volleyball, Archery, Golf, and Bowling. Spring semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

247 Tennis, Badminton and Volleyball (M) (2 credits). For professional students. Instruction and practice. Tennis, badminton and volleyball. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

248 Trampoline, Gymnastics, Archery, Golf and Bowling (M) (2 credits). For professional students. Instruction and practice. Trampoline and gymnastics, archery, golf and bowling. Spring semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

253 Beginning Gymnastics (W) (1 credit). The course covers basic skills for women on the trampoline, uneven parallel bars, balance beam, sidehorse, and in tumbling. Each semester.

255 Evaluation in Physical Education (Coed) (3 credits). Review of basic mathematical concepts as related to statistical analysis, philosophy of evaluation, construction, administration, and interpretation of tests as related to physical education. Prerequisite: Sophomore standing. Either semester.

261 Intermediate Badminton (Coed) (1 credit). Advanced basic fundamentals, including round-the-head strokes, advanced serves, advanced smash shots, drop shots, deception, and strategy. Prerequisite: Playing experience or instructor's permission. Each semester.

263 Intermediate Volleyball (W) (1 credit). The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Each semester.

264 Intermediate Volleyball (M) (1 credit). Review and practice of basic skills. Will provide advanced instruction in individual and team play. Prerequisite: PE 164 Beginning Volleyball or playing experience. Each semester.

265 Intermediate Basketball (W) (1 credit). The course consists of participation in basketball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Spring semester.

269 Intermediate Tennis (Coed) (1 credit). Review of basic fundamentals followed by more advanced drills to develop depth, steadiness, and control; also, game experience and strategy. Prerequisite: Beginning tennis or playing experience. Each semester.

273 Intermediate Gymnastics (W) (1 credit). Review of beginning and development of intermediate-advanced gymnastic skills for women. Emphasis on performing combinations, compulsory, and optional routines. Prerequisite: Beginning gymnastics or instructor's permission. Each semester.

275 Intermediate Field Hockey (W) (1 credit). The course consists of participation in field hockey with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Either semester.

276 Advanced Soccer (M) (1 credit). Participation on a higher skill level. Emphasis will be on position play, strategy, and development of team play. Prerequisite: Playing experience or instructor's permission. Each semester.

277 Weight Training (M) (1 credit). Techniques and skills for individual fitness with emphasis on weight training and weight lifting procedures for individual conditioning programs. Each semester.

278 Intermediate Gymnastics (M) (1 credit). This course is designed for those students who have completed the beginning gymnastics course or who feel they are beyond the basic beginning stages of gymnastics. This course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or instructor's permission. Either semester.

280 Intermediate Archery (Coed) (1 credit). This course is designed for the experienced archer, who has a workable knowledge of the fundamental skills of archery. There will be a review of the fundamental techniques of shooting and instruction and practice in target archery, field shooting and bow hunting. Prerequisite: Experience or instructor's permission. Each semester.

281 Intermediate Swimming (Coed) (1 credit). A review of basic skills and strokes, plus optional strokes, appropriate self-rescue skills, games, diving, and contests. Each semester.

282 Senior Lifesaving (Coed) (1 credit). This ARC swimming course includes: personal safety, self-rescue skills, and rescue training. Prerequisite: Sound physical condition and ability to pass a preliminary swimming test. Each semester.

283 Water Safety Instructor's Course (Coed) (1 credit). A review of advanced life saving and basic swimming strokes and skills followed by how to teach ARC swimming and water safety courses. Prerequisite: A current ARC senior lifesaving certificate and an ARC swimmer level of skill, and interest in teaching. Satisfactory completion qualifies the student for ARC WSI certification. Each semester.

285 Intermediate Golf (Coed) (1 credit). This course is a continuation of beginning golf. It is designed for those students who have completed golf 181 or who consider themselves to be beyond the beginning stages of the game. All of the basic fundamentals will be reviewed, but a greater emphasis will be placed on form, technique and detail. The student will also learn different types of specific golf shots. Prerequisite: Playing experience or instructor's permission. Each semester. Green fee approximately \$10.00.

286 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport, including basic skills and strategies of fencing. Each semester.

287 Intermediate Fencing (Coed) (1 credit). A review of basic skills and strategies; advanced techniques and bout practice with electrical equipment. Introduction of competitive fencing including judging and directing skills. Prerequisite: Instructor's permission or beginning fencing. Each semester.

290 Advanced Bowling (Coed) (1 credit). Includes the finer skills of bowling—playing the lanes, playing the angles, analyzing the game. Common faults, symptoms and remedies. Advanced techniques and technical information. Prerequisite: Instructor's permission. Each semester. Bowling fee approximately \$10.00.

Upper Division

303 Intramurals and Sports Officiating (Coed) (2 credits). Designed to acquaint the student with the organization and administration of intramural programs. Includes sports and intramural officiating. Either semester.

304 Methods for Teaching Physical Education (Coed) (2 credits). Program development: methods of instruction in Physical Education. The purposes and requirements of the physical education program, with emphasis on program planning, methods, and materials of instruction. Prerequisite: Professional activities—4 hours, junior standing or instructor's permission. Required of all PE Majors. Each semester.

305 Personal and Public Health Problems (Coed) (3 credits). Study of personal health problems with emphasis on implications for family life, mental health, diseases, degenerative diseases, nutrition, tobacco and drugs, health and sanitation problems in the community. Prerequisite: Junior standing or consent of instructor. Required of all PE Majors. Each semester.

310 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on the systems of the body with emphasis on the preparation of training programs for specific activities. Prerequisite: Anatomical Kinesiology PE 230. Either semester.

311 Biomechanical Kinesiology (Coed) (2 credits). The application of the principles of mechanics and laws of physics in analyzing the motor movements of man and in teaching fundamental techniques of sports activities. Prerequisite: Anatomical Kinesiology PE 230 and Physiological Kinesiology PE 310. Either semester.

319 Techniques and Methods of Coaching Football (2 credits). Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing or instructor's permission. Either semester.

320 Techniques and Methods of Coaching Wrestling (2 credits). Offense and defense in wrestling, equipment and training; meets and tournaments; wrestling styles; and conditioning and facilities. Prerequisite: Junior standing or instructor's permission. Either semester.

323 Techniques and Methods of Coaching Basketball (2 credits). Methods of coaching offense and defense, styles of play; and basketball strategy. Prerequisite: Junior standing or instructor's permission. Either semester.

324 Techniques and Methods of Coaching Baseball (2 credits). Team leadership and organization, selection and evaluation of personnel, practice organization, playing fundamentals, offensive and defensive strategies of the game of baseball. Prerequisite: Junior standing or instructor's permission. Spring semester.

327 Techniques and Methods of Coaching Track and Field (2 credits). The theory and methods of coaching the various events in track and field and the planning of meets. Prerequisite: Junior standing or instructor's permission. Spring semester.

336 Techniques and Methods of Coaching Womens' Gymnastics (Coed) (2 credits). Techniques of teaching and coaching gymnastics. Emphasis is placed on progressions, safety, and conditioning. Prerequisite: Junior standing and Beginning Gymnastics or instructor's permission. First semester.

341 Dance Techniques (Coed) (2 credits). A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing or instructor's permission. Either semester.

345 Instruction and Practice in Rhythms (W) (1 credit). For professional students. Instruction and practice. Rhythms. Spring semester. Prerequisite: Junior standing. PE Major or consent of instructor.

347 Wrestling and Weight Training (M) (1 credit). For professional students. Instruction and practice. Wrestling and weight training. Fall semester. Prerequisite: Junior standing. PE Major or consent of instructor.

357 Dance for Children (Coed) (2 credits). The analysis of the fundamentals. The development of skills, and the application of methods in teaching dance in Kindergarten, special education and elementary school physical education. To include: basic fundamental movement, singing games, Danish gymnastics, folk dance, square dance, round dances and mixers, fitness to music and creative dance. Prerequisite: Junior standing. Spring semester.

359 Kindergarten and Special Education Physical Education Methods (Coed) (2 credits). This class is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the physical needs of children, the selection and analysis of fundamental skills, the development of skills and the application of various methods of instruction at the kindergarten, and special education grade levels. Prerequisite: Junior standing. Fall semester.

361 Elementary School Physical Education Methods (Coed) (3 credits). The class is designed for future elementary school teachers, and elementary school physical education specialists, with emphasis on the physical needs of children, the analysis of fundamental skills, the development of skills and the application of various methods of instruction at the primary and intermediate grades. Prerequisite: Junior standing or instructor's permission. Either semester.

401 Psychology of Activity (Coed) (3 credits). Concepts of learning, value formation, motivation, emotion and stress as they relate to the beginning and advanced levels of skill learning. Measurement and evaluation of the psychological aspects. Prerequisite: Anatomical Kinesiology PE 230; and Physiological Kinesiology PE 310. Either semester.

402 Athletic Training and Sports Medicine (Coed) (3 credits). The course presents the advanced theory in the technique of athletic training necessary for the professional athletic trainer. Recognition and understanding of specific care and rehabilitation; therapeutic modalities. Prerequisite: Introduction to Athletic Injuries PE 228 Anatomical Kinesiology PE 230; and Physiological Kinesiology PE 310. Either semester.

425 Problems in Teaching Physical Education (Coed) (2 credits). CCBII. A course for senior students who have completed student teaching. Students will mutually consider problems encountered in student teaching and attempt to solve them. The resources of the entire physical education staff, plus outside experts will be used. Opportunities for individual research will be provided. Prerequisite: Student teaching. Fall semester.

430 Organization and Administration of Interscholastic Athletics (Coed) (2 credits). The organization and management of interscholastic athletics including nature and function of budgeting, finance, personnel, facilities, equipment, supplies, scheduling records, public relations, legal responsibilities, professional relationship, and professional advancement. Prerequisite: Secondary School Physical Education-Methods.

451 Adaptive and Corrective Physical Education (Coed) (2 credits). Survey of common deviation of posture, functional disturbances, and crippling conditions found in school children. Consideration of the extent and limitations of the teachers' responsibility for improvement of physical defects. Prerequisite: Anatomical Kinesiology PE 230 and Physiological Kinesiology PE 310. Either semester.

457 Organization and Administration of Physical Education (Coed) (3 credits). Study of departmental organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing or instructor's permission. Either semester.

471 Techniques and Methods for Coaching Women's Volleyball and Field Sports (2 credits). The course is designed to prepare women to teach and coach team sports. Areas covered will include organizing the team, scheduling and facilities, coaching methods, drills and practice sessions, and advanced team strategy. Sports considered will be field hockey, volleyball, track and field, and softball. Prerequisite: Secondary School Physical Education Methods. Either semester.

493 Internship in Physical Education (1-6 credits). A field experience in a Physical Education related area that provides a structured practicum related to the students professional background and career objectives. The program is primarily concerned with the understanding of the theory and practices of the activity to which the student is assigned. Required for graduation in Physical Education in some options. Prerequisite: Junior or Senior standing, PE 105 First Aid, PE 228 Introduction to Athletic Injuries, PE 230 Anatomical Kinesiology, one coaching methods class. Contact Physical Education Office for additional information.

P PSYCHOLOGY

Lower Division

101 General Psychology (3 credits). An introductory course in psychology and a prerequisite to most other psychology courses. Theory and terminology are major concerns in the treatment of such topics as the history of psychology, growth and development, the biological system, learning, thinking, individual differences, personality and adjustment. Recommended (not required) preparation. One year of college-level science. Each semester.

201 Intro to Practice of Psychology (3 credits). An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific occupations. Prerequisite: General Psychology 101 and consent of instructor. Spring semester.

210 Human Growth and Development (3 credits). A survey of significant factors in development from conception through adolescence. Consideration is given to normal patterns of maturation and adjustment. Major constitutional and environmental adjustment problems will also be presented. The course is intended for those who wish to study the general factors in child and adolescent development, not for psychology or education majors. Students may not earn credits in this course and in Child Psychology P 311 or Adolescent Psychology P 312. Either semester. Not offered 1976-77.

225 Physiological Psychology (3 credits). A survey of classical and current problems, with emphasis on nervous and endocrine systems in the processing of information with the organization of behavior. Examples of sensation, perception, motivation, emotion, and learning will be studied from this point of view. Prerequisites: General Psychology 101, B-107 Human Physiology and Anatomy, and consent of instructor. Fall semester.

Upper Division

(NOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology (3 credits). A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods (3 credits). Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will include: measures of central tendency and of variability, correlation measures, probability, and simple analysis of variance. Prerequisites: Mathematics of the Life Sciences M-115-116. Each semester.

311 Child Psychology (3 credits). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Student may

not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

312 Adolescent Psychology (3 credits). Chronologically a continuation of Child Psychology P-311; the course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Spring semester.

321 Experimental Psychology (4 credits). The application of scientific methodology to the study of behavior. Design of experiments; methods of analysis and interpretation of data; reporting of behavioral research. Two lectures and two two-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods P-305 and Mathematics for the Life Sciences M-115-116. Each semester.

325 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Each semester.

341 Perception (3 credits). A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the receptor processes. Prerequisite: General Psychology 101. Offered alternate years. Spring semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Fall semester.

353 Psychoanalytic Psychology (3 credits). Human emotion and motivation from the points of view of Freudian theory and its derivatives. Prerequisite: Gen. Psych. 101. Suggested companion course — either earlier or late — Personality 351. Spring semester.

401 Senior Review Practicum (3 credits). A systematic coverage of the general principles and essential details of psychology and an opportunity to teach them to others. Seminar discussions of problems related to the materials covered. Practical experience in managing large classes and especially in rendering academic assistance to beginning students. Seminar discussion of difficulties encountered by those students — e.g., test anxiety and poor study habits — and of methods of presenting subject-matter. Prerequisites: Senior or second-semester junior standing in psychology with an upper-division GPA above 3.0. Plus selection by the Department. Either semester.

405 Advanced Statistical Methods (3 credits). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance (including repeated measure designs) and related trend tests, multiple comparison tests, and transformations. Other topics include multiple correlation techniques, analysis of covariance, nonparametric tests, and contemporary controversies in the field of statistics. Prerequisite: P 305, Statistical Methods. Limited enrollment; preference to psychology majors who are planning to go on to graduate school. Spring semester.

421g Psychological Measurement (3 credits). An introduction to the theory and nature of psychological measurement together with a survey of types of psychological tests currently used. Prerequisite: General Psychology 101. Mathematics for the Life Sciences M 115-116 and Statistical Methods P 305. Fall semester.

431 Social Psychology (3 credits). Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for Psychology or Sociology credit but not for both. Prerequisite: General Psychology 101 and introduction of Sociology 101. Either semester.

435 Psychology of Motivation (3 credits). Survey of experimental and theoretical studies of motivation in animals and men. Prerequisites: General Psychology 101, Mathematics 115-116, Statistical Methods P 305 and Experimental Psychology. (Not offered 1976-77). Either semester.

441 Learning (3 credits). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: Conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101, Mathematics for the Life Sciences M-115-116, Statistical Methods P 305. Experimental Psychology P 321 may be taken before or concurrently with Learning. Either semester.

461 Psychological Systems (3 credits). Theories and controversies of the past and present. Prerequisite: Senior standing in Psychology. Spring semester.

498 Senior Thesis (3 credits). An individual research project in psychology. The project is selected by the student, and his proposal must be approved by the instructor before he may enroll. Recommended projects are those which will contribute to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. Prerequisites: General Psychology P 101; Mathematics for the Life Sciences M 115, 116; Statistical Methods P 305; Experimental Psychology P 321; and consent of the instructor. Fall semester.

Graduate

503 Individual Testing Practicum (3 credits). Emphasis in the course will be on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics M 115, 116; Statistics P-305; and Psychological Measurement P 421. Open to qualified seniors with consent of instructor. Limited enrollment. Spring semester.

TE TEACHER EDUCATION

Lower Division

108 Developmental Reading (2 credits). The course is designed to develop the speed of reading by each individual through the enhancement of improved techniques in vocabulary development, familiarity with subject matter, locating the main idea, recognizing paragraph patterns and types, skimming and scanning, study skills, and

SCHOOL OF EDUCATION Courses, TE

test taking. A variety of activities are employed, including the employment of electronic devices. Either semester.

171 Early School Experience (1 credit). An experience in an elementary classroom involving observation and assistance to the teacher. Requires a minimum of 20 hours in the classroom and periodic seminars with a university instructor. Program is coordinated by the Department of Teacher Education and Library Science. Required of all elementary education majors. Each semester. Prerequisite to TE 201, Foundations of Education.

201 Foundations of Education (3 credits). A general introductory course in education to give the student, as early as possible in his preparation for teaching, some familiarity with the teaching profession. It deals with the work of the teacher; the fundamental social, historical and philosophical background for teaching; current educational problems and practices. It helps students decide whether they should or should not become a teacher. *Admission to the Teacher Education Program will be contingent upon meeting certain requirements specified in this course.* Each semester.

206 An Inquiry into Approaches to Reading (3 credits). Each semester. The course is designed to develop an understanding of a variety of approaches to reading. The course includes a review of a wide selection of media from the Reading Education Center and the Curriculum Resource Center. Also included is the observation of the use of materials and media in classroom situations.

271 Teacher Aide Practicum (2 credits). As a part of the total in school pre-professional experience of teachers, this sophomore level course provides an opportunity for students to become familiar with practical problems of school teaching. Included are a two-hour orientation, seminars with a university supervisor and approximately 24 hours of direct "aiding" experience in a cooperating elementary school classroom. Assignments to classrooms and scheduling of teacher aiding hours are arranged in cooperation with participating schools. Periodic seminars and evaluations are arranged by the university supervisor.

Upper Division

356 Production of Audio Visual Materials (2 credits). Motion pictures, graphic materials, filmstrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Each semester.

358 Corrective Reading in the Elementary School (3 credits). A study of reading difficulties of elementary school pupils with emphasis upon diagnosis, materials, and methods of teaching. The student will tutor a pupil assigned from the Reading Education Center for approximately 20 sessions.

371 Guidance for the Classroom Teacher (3 credits). A study of the guidance activities normally carried on by the classroom teacher. Either semester.

381 Secondary School Methods (3 credits). A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application is made to the student's teaching areas. Prerequisite: Admission to the School of Education. This course, and/or a special methods course, should be completed prior to student teaching. Each semester.

391 Psychology of the Exceptional Child (3 credits). A psychological study of children who deviate from the average mentally, physically, socially, and emotionally to such an extent that special treatment is needed. Problems of identification, diagnosis, treatment, training, and employment are considered. Prerequisite: Educational or Child Psychology. Fall semester.

392 Education of the Exceptional Child (3 credits). A study of methods, materials, and curriculum for atypical children in regular and special classrooms. Prerequisite: Psychology of the Exceptional Child. Spring semester.

393 Driver Education (2 credits). This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring and Summer semesters.

394 Advanced Driver Education (2 credits). A course designed to provide advanced preparation in principles and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE-393. Spring, Summer semesters.

395 General Safety Education (3 credits). This course is designed to provide a comprehensive survey of general safety education as it applied to all fields but especially to the public schools. Topics include the study of accidents and their prevention, safety and accident prevention in the schools, traffic safety, student transportation and the school's role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

410 Elementary School Media (1 credit). First semester of two semesters. First semester has emphasis upon media production for the elementary teacher and has basic experiences in the areas of illustration, preservation, lettering and coloring of instruction materials, in addition to production in the operation of audio-visual equipment commonly found in the elementary classroom. Fall semester.

411 Elementary School Media (1 credit). The second semester of Elementary School Media, is designed to give elementary teachers experience in the production and utilization of instructional material and audio-visual equipment. More advanced skills are taught in the areas of illustration, preservation, lettering, coloring and photography. Spring semester.

420 Curriculum for the Mentally Retarded (3 credits). A study of the specific curriculum needs of the mentally retarded and the methods and adaptations necessary in the education of the student. A basic approach to the development of the curriculum for the mentally retarded and the teacher's influence in its implementation. Fall semester.

421 Teaching Strategies for the Mentally Retarded (3 credits). Survey and identification of teaching methods utilized in classroom teaching of all levels of retardation. Spring semester.

430 The Diagnosis of Learning Disabilities (3 credits). The course will assist teachers in diagnosing learning disabilities and in preparation of teaching experiences for assisting or overcoming these disabilities. Fall semester.

431 The Remediation of Learning Disabilities (3 credits). Emphasis is placed on the recognition and development of the prescriptive educational needs of the student indicating learning disabilities. The course provides the teacher with tools for preparation of the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE 430 or consent of the instructor.

440 Instructional Materials for the Exceptional Child (3 credits). Opportunities for the planning, use and evaluation of instructional materials for specific exceptionalities will be the format of this course. Students will develop procedures that the teacher of the exceptional child will use in the classroom activities in regard to the materials available. The Associate Special Education Instructional Materials Center, and other resources will provide the materials and equipment for the course. Either semester.

451 Elementary Curriculum and Methods I (5 credits). The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. Prerequisite: Child Psych. To be taken concurrently with Student Teaching 471. Fall semester.

452 Elementary Curriculum and Methods II (5 credits). The second semester of Elementary Curriculum and Methods with an emphasis upon social studies, science, and mathematics. However, all aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I, TE 451. To be taken concurrently with Student Teaching TE-472. Spring semester.

461 Child Behavior in Early Childhood Education (3 credits). Various approaches of working with behavior of children is explored. Areas include reinforcement, behavior modification, the engineered classroom and the psychological principles of Dreikurs and others. Emphasis will be placed on individual differences in children with practical suggestions offered for implementing special techniques. Spring semester.

462 Curriculum in Early Childhood Education (3 credits). All areas of the curriculum will be explored. Software and hardware will be examined and applications made to large groups, small groups, and individualized instruction. Class will be individualized to meet needs of enrolling students. Fall semester.

463 Teaching Strategies in Early Childhood Education (3 credits). Learning centers, instructional materials, individualization, and creating teacher-made materials will be explored in depth. The use of aides, parents, and other community resources in the classroom will be discussed and techniques with techniques for evaluating their progress. Fall semester.

464 Classroom Structure in Early Childhood Education (3 credits). Philosophy, curriculum, role of the teacher, British Infant and demonstration projects in the U.S. are presented. Applications to individual teacher's classrooms are explored. Spring semester.

470 Elementary Student Teaching (3 credits). Observation and supervised teaching in the schools of Boise. Summer semester.

471 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and G.P.A. 2.25. Fall semester.

472 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisite: TE-351. To be taken concurrently with Elementary Curriculum and Methods, TE-352. Spring semester.

473 Elementary Student Teaching in Special Education (5 credits). Observation and supervised teaching in special education, either in learning disabilities or mental retardation. Prerequisite: Required course work in special education and approval for placement in a special education classroom.

481 Secondary Student Teaching (6 credits). Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods, or a special methods course in the teaching area with a minimum grade of "C". Senior standing. GPA of 2.25 in major field, minor field, and education courses. A cumulative GPA of 2.1. Recommendation of the faculty advisor or department chairman. Approval of an official application for student teaching. Application must be filed with the office of the Coordinator of Field Services by March 1 of the Junior year. Each semester.

491 Special Education Techniques-Practicum (4 credits). Provides the student with an opportunity to experience specific educational programming and learning sequences related to their interest in special education. In-depth field study of the exceptional child will be conducted by participants in gaining greater knowledge related to evaluation, prescription, and teaching in the classroom. Either semester. Prerequisite: Consent of the Instructor.

498 Senior Seminar—Elementary Education (2 credits). Fall semester.

499 Senior Seminar—Elementary Education (2 credits). Spring semester. A course designed to assist prospective elementary teachers in effectively dealing with key problems associated with active entrance into the teaching profession. Offered each semester concurrent with Elementary Student Teaching. This course provides in-depth consideration of (1) interpersonal communication, (2) ethical behavior, (3) use of special resources, (4) role of professional associations, and (5) controversial issues in teaching. Consideration is accomplished through intensive workshops and small group exchange seminar meetings with the University clinical professors.

LS LIBRARY SCIENCE

Lower Division

101 Introduction to Use of Books and Libraries (2 credits). Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshman, sophomores and new students. Recommended for education majors. Fall semester.

102 Basic Library Skills (1 credit). An independent, self-paced, self directed course in library skills including resources common to academic libraries in general and to facilities in the Boise State University Library in particular. The course is designed for incoming students who are not familiar with an academic library, and for returning students who have had difficulty using the college library in the past. No tests will be given, but conferences may be held. All assignments must be satisfactorily completed to receive credit. (credit, no credit basis).

Upper Division

301 Library Organization and Administration (3 credits). An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

***311 Reference and Bibliography** (3 credits). Introduction to the principles and techniques of reference work; the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Fall semester.

316 Children's Literature (3 credits). Emphasis on selection, wide reading, and evaluation of books for children, and reading guidance in relation to both personal and curricular needs. Required of elementary education majors and elementary school librarians, recommended for public librarians, parents and any who work with children. Each semester.

***321 Basic Book Selection** (3 credits). Principles and techniques for evaluating and selecting library materials; introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discarding and weeding, and materials for the slow and gifted reader. Spring semester.

331 Cataloging and Classification (3 credits). Introduction to the theory and principles of classification and cataloging of book and non-book materials; practice in using the Dewey Decimal Classification, in preparing catalog cards and in the ordering and use of Wilson and Library of Congress printed cards; assigning of subject headings, and library filing. Spring semester.

***341 Literature for the Adolescent** (3 credits). Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of Lower Division Literature. Spring semester.

*Especially recommended for secondary teachers

*Especially recommended for secondary language arts teachers.

MASTER OF ARTS IN ELEMENTARY EDUCATION

General Requirements

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who have some professional relationship to elementary education. Candidates must show promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a grade point average of at least 3.00 for the last two years of undergraduate study, or an overall grade point average of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

The name of the faculty member who will serve as chairperson of the candidate's committee is listed in the letter of acceptance to the applicant. Candidates should contact the assigned committee chairperson (advisor) as soon as possible in order to plan a program. Credits taken prior to such planning are subject to the review and approval of the committee chairperson and the Dean of the School of Education prior to acceptance in the planned program.

Program Requirements

The Elementary Education graduate program will consist of a minimum of 30 semester hours of credit and allocated as follows:

Required of all candidates - Core program	9 credits
Required of all candidates - Thesis/Project . . .	3 credits
Selected electives and/or specific requirements	12 credits
Open electives	6 credits
	30 credits

A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chair-

person of the candidate's committee and the Dean of the School of Education.

Six semester hours of credit will be open for selection in any area of the Universities course offerings that will enable the candidate to strengthen a competency in elementary instruction. The candidate, in cooperation with the advisor, will choose courses which will meet the individual needs as a teacher. Specific courses are listed within each area of emphasis.

Areas of Emphasis

The candidate selects one of three areas of emphasis:

1. Curriculum and Instruction

A program is planned for the person who desires to continue as a generalist in Education. A broad curriculum rather than a speciality is emphasized.

2. Reading

The program is planned for the person who desires to specialize in Reading Education

3. Content Enrichment

The programs are planned for persons interested in subject area specialities such as Art, Mathematics, and Music. The committee chairperson has information regarding approved subject areas.

COURSES

Required of All Candidates

I. Core program of 9 credit hours, consisting of TE-570-571, TE 563 and two 1-credit hour classes, is required of each candidate. Courses are as follows:

TE-570-571 Comprehensive Core for Elementary Education (total of 6 credits). The comprehensive core includes a number of presentations on current issues in education. Presentations are followed by discussions within small groups. A culminating activity is the development of a paper presenting the student's position or view regarding a particular issue. Summer.

TE-563 Conflicting Values Influencing Education (1 credit). This course will analyze ideological positions which have affected educational programs and policies. Each student will be asked to carefully consider his own values and analyze how these positions affect his mode of classroom operation. Summer

II. Two 1-credit hour classes from the following list:

TE-565 Interpreting Education Research (1 credit) Summer. (See secondary courses for description)

TE-566 Learning Theory and Classroom Instruction (1 credit) Summer. (See secondary courses for description)

TE-567 Teaching Subject Content Through Reading (1 credit) Summer. (See secondary courses for description)

TE-568 Techniques of Classroom Management (1 credit) Summer. (See secondary courses for description)

TE-569 Testing and Grading (1 credit) Summer. (See secondary courses for description)

TE-573 Creative Teaching - Elementary School (1 credit) A mini-course for elementary teachers seeking to explore factors associated with creativity, establishing creative learning environments, and techniques and strategies enhancing creative and productive expression in the elementary school classroom. Special emphasis is placed on designing usable classroom techniques for creative teaching, and on evaluating growth in creativity of children. Prerequisite: Graduate Status. Summer.

III. A Thesis/Project, as mutually agreed upon by the candidate and the committee, is required of each candidate. Selection of a thesis implies a research emphasis with a thesis format. Selection of a project implies a project directly related to instruction or some other aspect of the elementary program.

TE-593 Thesis, TE-591 Project (3 credits). Each semester and summer.

Curriculum in Education - Courses and Requirements

Twelve semester hours of credit must be chosen from courses in this elective area. At least one course must be selected from Cluster I and from Cluster II.

SCHOOL OF EDUCATION
MA Program

Cluster I (Choose at least one course)

TE-501 Advanced Practices and Principles in Teaching Reading (3 credits). The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

TE-510 Advanced Practices and Principles in Teaching Social Science (3 credits). 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. Fall semester.

TE-511 Advanced Practices and Principles in Teaching Elementary Mathematics (3 credits). A study will be made of the number abilities needed by children, the methods needed in providing number experiences, desirable teaching procedures, use of materials, and research findings in mathematics. Spring semester.

TE-512 Advanced Practices and Principles in Teaching Language Arts and Linguistics (3 credits). Emphasis will be given to the role of language arts and linguistics in the elementary school curriculum, stressing the newer approaches to language development, spelling, writing, listening-speaking skills. Summer.

TE-513 Advanced Practices and Principles in Teaching Elementary Science (3 credits). Current practices and principles in modern elementary science concepts will be developed. Particular reference will be made to selecting and organizing content and experimental activities. Fall semester.

Cluster II (Choose at least one course)

TE-505 Individual Tests and Measurements (3 credits). An intensive investigation is pursued in the field of individual testing, measurement and evaluation. Spring semester.

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties (3 credits). A study of the techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with learning difficulties will be the major emphasis of this course. Fall semester.

TE-516 Development of Skills for Teaching the Fast Learner (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with exceptional abilities will be studied. Summer, every other year.

TE-517 Development of Skills for Teaching the Mentally Retarded (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with mentally retarded pupils will be studied. Spring semester.

P-501 Counseling and Guidance in the Elementary Classroom (3 credits). A study of counseling and guidance techniques for the elementary school. Attention is given to the study and application of basic guidance services as related to the regular and to special education programs. Prerequisite: P-101. General Psychology. Each semester and summer.

P-502 Advanced Educational Psychology (3 credits). A study of contemporary issues involving both theoretical and methodological considerations in the history and systems of educational psychology will be given. Special emphasis will be given to group behavior in terms of principles relevant to educational objectives. Prerequisite: P-101 General Psychology. Fall, every other year.

P-503 Individual Testing Practicum (3 credits). Emphasis in the course will be on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics 115-116, Statistics P 305 and Psychological Measurement P 421. Open to qualified seniors with consent of instructor. Limited enrollment. Spring semester.

P-504 Analysis of the Individual (3 credits). A study of techniques used in analyzing the individual with emphasis on the elementary level. The course includes observational methods, recording behavior, behavioral analysis, interviewing and use of test information. Prerequisite: P 101 General Psychology. Spring semester.

P-505 Personality Development (3 credits). Critical consideration of the main personality theories, particularly those which emphasize current concepts regarding learning, perception and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P 101 General Psychology. Fall semester.

P-421g Psychological Measurement (3 credits). An introduction to the theory and nature of psychological measurement together with a survey of psychological tests currently used. Prerequisite: General Psychology P 101, Mathematics for the Life Sciences M 115-116 and Statistical Methods P305. Spring semester.

Additional Elective Courses in Education

TE-502 Diagnosis of Reading Problems (3 credits). (See Reading emphasis for course description). Fall semester and Summer.

TE-503 Remediation of Reading Problems (3 credits). (See Reading emphasis for course description). Spring semester and Summer.

TE-518 Techniques for Creative Writing in Elementary Schools (3 credits). Methods and techniques for encouraging creative writing in the elementary school. Spring semester.

TE-519 Advanced Children's Literature (3 credits). A presentation of the latest in children's literature for use in the elementary school will be made. Special emphasis upon children's poetry will be included. Spring semester.

TE-520 Educational Media (3 credits). This course will acquaint the elementary classroom teacher with the latest educational media available for use. Evaluation of the materials in a media center will be studied. Emphasis upon the use of a curriculum resource center in the local school system will be made. Summer, every other year.

TE-521 Elementary Physical Education Activities (3 credits). Methods and techniques for classroom and playground activities for physical education curriculum development will be presented. Emphasis upon corrective physical education procedures will be given. Summer, every other year.

TE-522 Individualization of Reading Instruction (3 credits). Emphasis upon the individualized approach to reading education. Fall semester.

TE-531 Education for the Culturally Different Learner (3 credits). (See Secondary courses for description). Fall semester.

TE-541 Education in Emerging Nations (3 credits). (See Secondary courses for description). Spring semester.

TE-551 Fundamentals of Educational Research for Teachers (3 credits). (See Secondary courses for description). Fall semester.

TE-555 Supervision in Schools (3 credits). (See Secondary courses for description). Summer, Fall semester, and Spring semester.

TE-559 Values and Ideology in Education (3 credits). (See Secondary courses for description). Spring semester.

P-598 Seminar—Adolescent Psychological Problems (3 credits). (See Secondary courses for description). Fall semester.

SO-501 The Sociology of Education (3 credits). (See Secondary courses for description). Summer.

**Curriculum in Education—
Core Enriched**

Candidates complete 12 to 15 credit hours within the area of emphasis. The remaining 3 to 6 credits may be selected from the offerings previously listed.

Curriculum in Reading Education

Candidates complete 12 credit hours as listed. The remaining 6 credits may be selected from the offerings previously listed.

TE-501 Advanced Practices and Principles in Teaching Reading (3 credits). The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) (3 credits). The role of the special reading teacher and his type of screening devices is developed. Various standardized and informal reading tests are put into practice by working with a child in the Reading Center. A case study culminates the course. Prerequisite: TE 501. Fall semester and summer.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits). Remediation approaches and techniques for disabled readers is emphasized. Training is fostered by tutoring a child under supervision in the Reading Center. Prerequisite: TE 502. Spring semester and summer.

TE-504 Seminar in Reading Education (3 credits). The significant research concerning all phases of reading is abstracted and discussed in small group settings. Instruction in how to read Reading Research is included. Instruction in Reading research in reading is developed. Prerequisite: TE 503. Fall semester and summer.

MASTER OF ARTS/SCIENCE IN SECONDARY EDUCATION

General Information

A Master's degree in Secondary Education with emphasis in the subject areas of Art, Business Education, Chemistry, Earth Science, English, History, Mathematics, Music, and Theatre Arts is presented through the Department of Teacher Education, the related subject department, and the School of Education. Each subject department has a planned program and it is described in the Bulletin within the department sections.

General information appropriate to all graduate programs is presented in the Graduate School section of the Bulletin.

Specific information appropriate to the Secondary Master's degree encompassing all areas of emphasis is as follows:

1. Each candidate is to have a subject area emphasis within a department or a combination of departments.
2. The degree will include a minimum of 27 hours plus from 3 to 6 semester hours for the culminating activity.

3. Each candidate's program shall include a minimum of 20 semester credit hours within the area of emphasis.
4. Each department will determine the nature of the culminating activity from (1) a thesis with an appropriate examination, (2) a project with an appropriate examination, or (3) 3 to 6 additional credits with an appropriate examination.
5. The candidate's committee shall consist of three members with the chairperson from the area of emphasis, one member from the Department of Teacher Education and one from any department.
6. Recommendations for admission shall come from both the School of Education and the involved department.

Courses in Teacher Education

Required Courses in Education

Candidates are required to complete TE-560 Core in Secondary Education, TE-563 Conflicting Values in Education, and two 1-credit courses from the listing.

TE-560 Core in Secondary Education (3 credits). The goal of the Core is to provide the opportunity for students to become aware of, and knowledgeable about, topical issues related to secondary education. The issues are interdisciplinary and are drawn from such areas as politics, economic theory, social trends, educational theory, and human behavior. In addition, each student is involved in the critical analysis of the issues through preparation of position papers on selected topics. Prerequisite: Graduate status. Summer.

TE-563 Conflicting Values Influencing Education (1 credit). This course will analyze ideological positions which have affected educational programs and policies. Each student will be asked to carefully consider his own values and analyze how these positions affect his mode of classroom operation. Prerequisite: Graduate Status. Summer.

Two 1-credit classes from the following list:

TE-564 Creative Teaching—Secondary School (1 credit). The course will explore various approaches to classroom teaching methodology and atmosphere which are innovative and creative. Each student will be given the opportunity to develop new means of teaching material selected from his own teaching field. Intensive concentration will be given to ideas which might maximize the realization of student potential on a personal basis. The course will be problem centered and since the problems will be drawn from various subject areas, the course will be interdisciplinary. Prerequisite: Graduate Status. Summer.

TE-565 Interpreting Educational Research (1 credit). This course will prepare students to read, understand, and critically analyze educational research in their own field. It includes basic research terminology, strengths and weaknesses in research design, and interpretation of research results. Prerequisite: Graduate Status. Summer.

TE-566 Learning Theory and Classroom Instruction (1 credit). This course is designed to give educators an introduction to current theories of learning and how these theories in turn prescribe the most effective ways and means of and for classroom instruction. Emphasis is on behavioristic theory and cognitive theory—on how children learn according to psychological greats of today—Skinner, Bruner, Piaget and Gagne. The major thrust of the course is to help teachers better understand how their students learn and how to help those that falter in the learning process. In addition, different curricular designs will be examined and the learning theory they are built on reviewed. Prerequisite: Graduate Status. Summer.

TE-567 Teaching Subject Content Through Reading (1 credit). The course is intended to introduce a few basic concepts of reading instruction, and then applying them to classroom teaching in secondary subjects. Emphasis will be on secondary teachers' responsibility to teach their students to read their instructional materials. Specific techniques of vocabulary development, reading for comprehension, intellectual stimulation, and application will be demonstrated and then planned by the students. Prerequisite: Graduate Status. Summer.

TE-568 Techniques of Classroom Management (1 credit). This course focuses on an approach to classroom management which is consistent with the goals of humanistic education. The development and refinement of skills in communication and conflict resolution are emphasized as the basis for effective classroom management. Skill development will be coordinated with theoretical considerations relating to establishing and maintaining healthy and productive classroom environments. Active participation by class members will be required. Topics to be included are mutuality, listening, constructive confrontation, problem-solving alternatives, value conflicts, and modifying classroom environments. Prerequisite: Graduate Status. Summer.

TE-569 Testing and Grading (1 credit). This course will include an introduction to the theories and fallacies of testing. Problems and methods of teacher constructed tests will be included. The relationships between testing and grading and other forms of evaluation will be examined.

Elective Courses

With the approval of the candidates committee, students may select additional courses from the following list as well as from the 1-credit course listing.

TE-507 Relating Reading Processes to Secondary School Subjects (3 credits). This course is designed for secondary teachers in all academic areas who desire to develop efficient methods of utilizing instructional materials in their content subjects. Techniques of vocabulary development, preparation of reading materials, comprehension, making assignments, learning to study, and testing will be studied so that the teacher can bring together students and reading material in the most efficient ways. Prerequisite: Graduate Status. Fall semester.

TE-508 Teaching Reading in the Secondary School (3 credits). The course is designed for reading specialists in Junior High Schools and Senior High Schools. Specific methods and materials of testing and instruction of students with reading problems will be emphasized. Various standardized and informal tests will be studied and analyzed. Several corrective techniques will be demonstrated and analyzed. Prerequisite: Graduate Status. Spring semester.

TE-531 Education for the Culturally Different Learner (3 credits). A study of the development of children and adolescents in different cultures in comparative relationship to existing values, with special emphasis on the manner in which biological and psychological factors are interpreted in accordance with prevailing values. The life styles of various minority groups and the implications for education will be examined. Major topics include the culturally different learner; and (1) learning styles, (2) using media, (3) the process of change. Special emphasis will be on the various minority group children of Idaho, including Chicanos and Indians. Extensive use will be made of available research, and other appropriate data, and recognized resource people. Prerequisite: Graduate Status. Spring semester.

TE-541 Education in Emerging Nations (3 credits). The course provides an analysis of the relationship between national goals and the educational system found in the twentieth century. The contemporary systems will be studied in light of three major factors:

1. Natural factors: Race, language, environment
2. Religious factors
3. Secular factors: Humanism, socialism and nationalism

The Soviet Union, South Africa, Sweden, Japan, Mexico and China will receive major attention. In light of this survey, the effectiveness of each system in relation to national goals will provide a basis for comparison. Prerequisite: Graduate Status. Fall semester.

TE-551 Fundamentals of Educational Research for Teachers (3 credits). The development of educational research with emphasis on the nature of scientific inquiry, basic methods of formulating a research problem and designing an experiment. Prerequisite: Graduate Status. Fall semester.

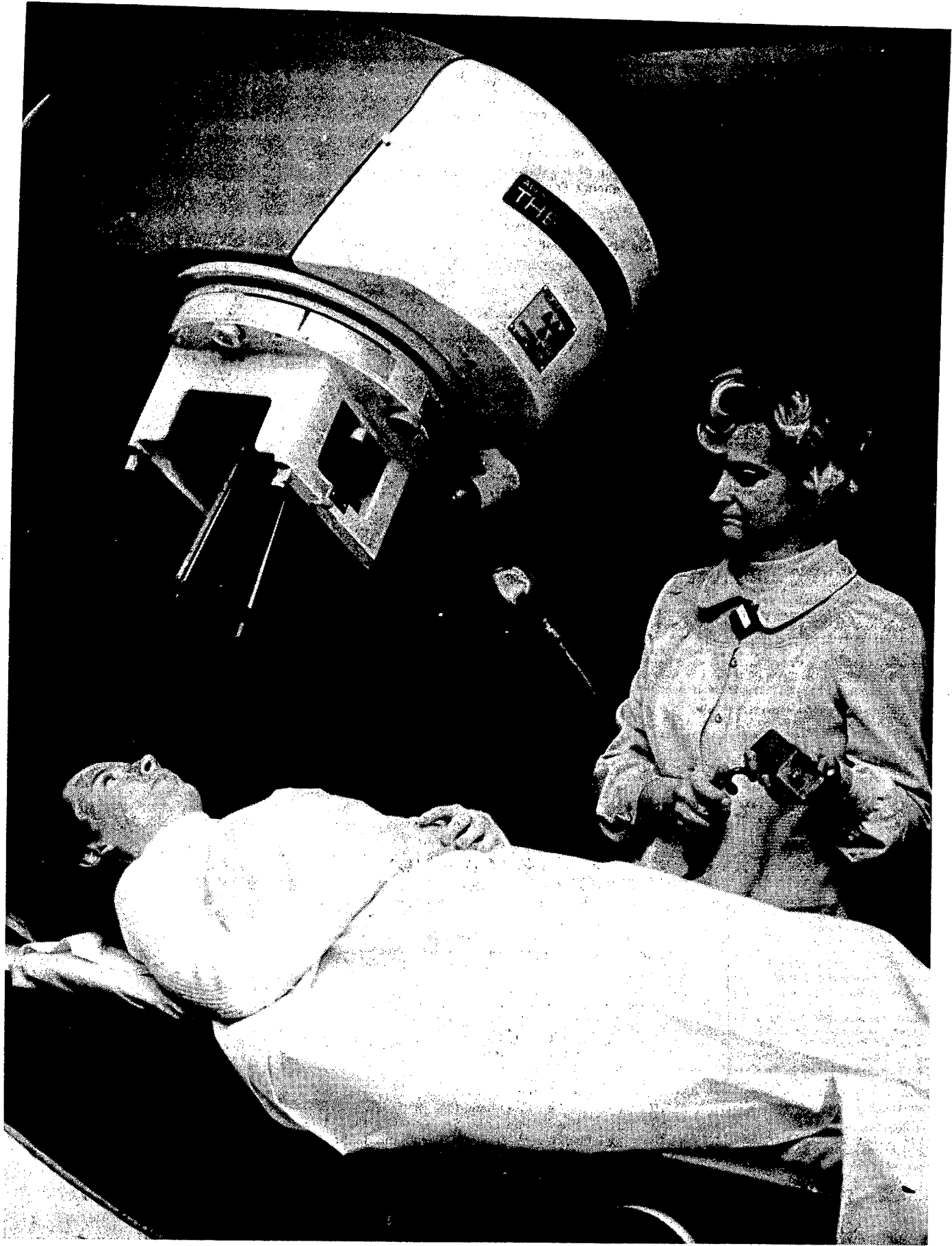
TE-555 Supervision in Schools (3 credits). An opportunity to provide teaching personnel, who have responsibility for supervision of instruction, the latest in thinking and research about supervision. The course will be divided into three segments for implementation: (1) human skill in supervision, (2) technical skills in supervision, and (3) applied supervision practicum. Prerequisite: Graduate Status. Fall and Spring semester and Summer.

TE-559 Values and Ideology in Education (3 credits). Students will analyze and evaluate past and contemporary philosophic thinking as they apply to educational programs. Education, essentially, is determined by the application of three variables: the subject matter to be taught, the means by which it is taught and the atmosphere (e.g. environment) in which the teaching takes place. All of these variables are affected by the attitudes and values of individuals and groups who are instrumental in affecting programs and practice. One cannot consider, therefore, what education has been, is and is likely to become without a thoughtful, systematic study of philosophic thought bearing on the education of the young. This is the essential concern of Philosophy of Education. Prerequisite: Graduate Status. Spring semester.

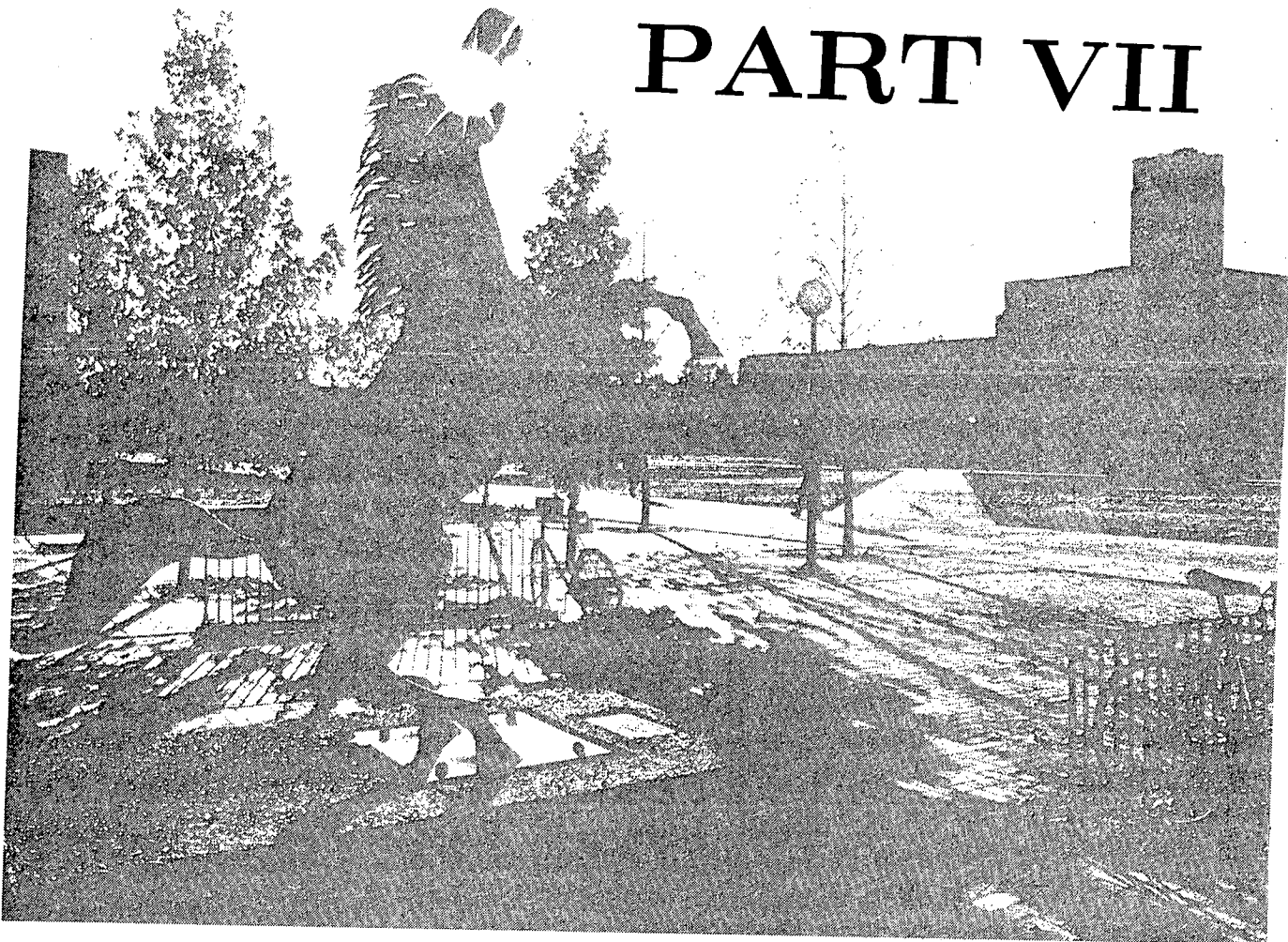
TE-598 Seminar Adolescent Psychological Problems (3 credits). The psychological problems of adolescence in contemporary U.S. culture are discussed. Emphasis is put upon the pathology of adolescent behavior occurring in institutions, families, and peer groups. Prerequisite: Graduate Status. Fall semester, every other year.

SO-501 The Sociology of Education (3 credits). A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society. Prerequisite: Graduate Status and SO-101. Summer.

NOTE: Candidates may select appropriate courses from the Elementary Graduate Program course listing when approved by the committee.



PART VII



School of Health Sciences

Dean: Victor H. Duke, Ph.D.

Associate Dean: JoAnn T. Vahey, Ed.D.

INTRODUCTION

Today's health care systems are undergoing remarkable changes. This is largely due to the increasing consideration by all citizens that good health care is a basic human right. Delivery and maintenance of this level of health care require the efforts of many different professional people and technicians, all equally committed to the same goal and acting as a team.

Essentially, two major kinds of team members exist: one group is responsible for creating and maintaining institutional service programs which support the physician in his work of diagnosis and treatment; the other group, upon the request of the physician, provides direct patient care of an evaluative and treatment nature.

The School of Health Sciences at Boise State University, with its affiliated teaching hospitals, offers instruction in several programs on Pre-Professional Studies, Nursing, Allied Health Studies and Community and Environmental Health. The School and its faculty are also dedicated to service in both community and state activities dealing with health. In addition the School of Health Sciences feels a responsibility to provide continuing education for the practicing health professionals. Indeed, the primary objective of the School is to support the maintenance of optimal health through education.

SCHOOL OF HEALTH SCIENCES
Nursing

CLINICAL AFFILIATES

Boise Convalescent Center, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Grand Oaks Health Care Center, Boise, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
Sunset Nursing Home, Boise, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

ADVISORY COUNCIL

Clayton C. Morgan, M.D., *Chairman*

David M. Barton, M.D.
Adjunctive Associate Professor
David W. Bennett, M.D.
Adjunctive Associate Professor
M.M. Burkholder, M.D.
Adjunctive Associate Professor
John W. Gerdes, Ph.D.
Adjunctive Associate Professor
Robert M. Gudmundson, D.D.S.
Adjunctive Associate Professor
Lawrence L. Knight, M.D.
Adjunctive Associate Professor
Robert S. Matthies, M.D.
Adjunctive Associate Professor
David K. Merrick, M.D.
Adjunctive Associate Professor
Robert H. Sabin, M.B.A.
Adjunctive Assistant Professor
Sister Justine Marie, C.S.C.
Adjunctive Assistant Professor
Mary Nelson, R.N.
Adjunctive Assistant Professor

DEPARTMENT OF NURSING:

Chairman and Associate Professor: Dr. JoAnn T. Vahey, *Medical Director and Adjunctive Associate Professor:* C.C. Morgan, M.D. *Acting Baccalaureate Program Director:* Dr. JoAnn Vahey, *Associate Degree Program Director:* Beryl Smith, *Professor:* Miles, *Associate Professors:* Kelly, Fleming, *Assistant Professors:* Bonachea, Buehler, Cummings, Downes, Fountain, Hazelwood, Matson, Penner, Smith, Thomason, Wilcox. *Instructors:* Obenauer, *Special Lecturers:* Taylor, Wicks, *Joint Appointees:* McIntosh, Barton, Wallentine, Pierson, Cook.

Advisory Board to the Department of Nursing:

Mary Nelson, *Chairman*, Rosie Acton, R.N., Lorraine Barr, R.N., Isabel Brassey, JoAnna DeMeyer, R.N., Betty Gull, R.N., Dorothy Krawczyk, R.N., Laura Larson, R.N., Jacqueline Mason, R.N., Clayton C. Morgan, M.D., Celeste Rush, R.N., Betty Vivian, R.N., Verlene Kaiser, R.N., Jack Kershner.

DEPARTMENT OF PREPROFESSIONAL STUDIES

Medical Director and Adjunctive Associate Professor: M.M. Burkholder, M.D. *Dental Director and Adjunctive Associate Professor:* Robert M. Gudmundson, D.D.S. *Coordinator of Advisors and Associate Professor of Zoology:* E.G. Fuller, Ph.D.

DEPARTMENT OF ALLIED HEALTH STUDIES

Medical Technology

Medical Director: L.L. Knight, *Director of Clinical Instruction and Adjunctive Associate Professor:* L. Beals, *Associate Professor of Zoology, Academic Coordinator:* E.G. Fuller, Ph.D.

Radiologic Technology

Acting Program Director: Verna DeMond, RT, *Medical Director:* David W. Bennett, M.D. *Advisory Board:* D.W. Bennett, M.D., C.W. Barrick, M.D., Dave Cook, RT, Jim Lindsey, RT, Jona Knight, RT, Deborah Malone, Carol Short, RT.

Respiratory Therapy

Director and Assistant Professor: Conrad Colby, *Medical Director and Adjunctive Associate Professor:* David K. Merrick, M.D. *Assistant Professor:* M. Lehman, M.Ed. ARRT. *Instructor:* C. Phelps, ARRT. *Special Lecturers:* T. Turner, M.D., D. Espeland, M.D. *Advisory Board:* Fred Hine, M.D., James J. McCabe, M.D., D.K. Merrick, M.D., David Nuernberg, ARRT, Charles E. Reed, M.D., David K. Ricks, M.D.

Medical Record Science

Director and Instructor: Elaine Rockne, *Supervisor of Directed Practice and Instructor:* J. Coltrin, *Medical Director and Adjunctive Associate Professor:* C.C. Morgan, M.D. *Advisory Board:* Gordan Ball, ART, Mary Dorsey, RRA, Mary Lou England, ART, Carleta Hungerford, ART Pat Kemper, ART, C.C. Morgan, M.D., Lorraine Schimmels, ART, Sister Marjorie, RRA.

Medical Office Assistant

Acting Director: Elaine Rockne

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH:

Special Lecturers: Heiskari, DesAulniers, Edmundson, *Advisory Board:* Melvin D. Alsager, Eldon Edmundson, Ph.D., Nancy A. Goodell, David Hand, Jack Jelke, D.J. Obee, Ph.D., Jack Ross, Lyle M. Stanford, Ph.D., Lee Stokes, Ph.D.

Instructors: Lohmeier, *Adjunctive Faculty (ISU):* Wilson.

DEPARTMENT OF NURSING

The Boise State University Department of Nursing operates within the philosophy of the total university. Students enrolled in the nursing curriculum work and socialize with students in various other fields of study on the campus.

The Department consists of two divisions: a two-year lower division Associate Degree program and a two-year upper division program terminating in a Baccalaureate Degree. Admission to upper division study is available to RN's only.

LOWER DIVISION ASSOCIATE DEGREE

Courses offered include clinical experience in area health facilities. The program is accredited by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools, and the National League for Nursing. Graduates are eligible to write the examination for licensure as a registered nurse.

Philosophy

The faculty believes nurses can best be educated in an academic institution because general education promotes development of the individual as a member of society as well as a member of the nursing profession.

Believing that the goal of nursing is health, the curriculum is based on the concept that man has seven basic needs which must be maintained to attain and preserve health. Preparation of students is aimed toward fulfillment of health needs of society today as well as allowing peaceful death to the terminally ill. Health is viewed as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. The nursing curriculum emphasizes clinical practice as well as theoretical preparation in the seven basic need concepts of oxygen, mental health, nutrition, elimination, activity, safety, and comfort. Safe, knowledgeable patient-centered nursing care is the standard for advancement in all nursing courses. The courses place emphasis on common health problems with limited exposure to care of the critically ill patient. The curriculum develops student's abilities to apply principles of nursing in clinical practice.

Each student entering the program brings a background of individual abilities and attributes. The faculty believes that each student's interests and abilities should be recognized and promoted within the nursing program. Students are prepared in concepts of nursing care for use in various settings; emphasis is placed on the importance of continued learning in the individual's chosen field.

In order to allow development of the individual to the maximum of his/her potential, individual counseling and evaluation are an integral part of each nursing course.

Objectives: The Graduate:

1. Recognizes basic human needs and formulates ways of meeting them within the practice of nursing.
2. Recognizes deviations from basic health and intervenes to promote optimum health.

3. Demonstrates effective decisions in the practice of nursing and accepts accountability for his actions.
4. Uses basic knowledge and concepts for developing skills and underlying nursing care.
5. Communicates for the purpose of promoting progress in the patient's health care.
6. Demonstrates sensitivities and abilities for good interpersonal relations.
7. Is acquainted with community health problems and resources.
8. Shows insight concerning his own feelings and behavior.
9. Recognizes his/her role as a technical nurse on the health team.
10. Recognizes personal responsibility for continuing education and growth in nursing.

Admission

Admission to the lower division Nursing Program is based upon general university requirements. Additional requirements for lower division study are as follows:

All applicants will be reviewed by the Admission, Promotion, and Graduation Committee of the Department of Nursing after March 1. Applicants are considered for admission on the basis of educational and experiential background.

All applicants will be placed in one of four groups.

- 1) High School graduates will be considered for admission on the basis of A.C.T. Scores; a composite standard score of not less than 20, plus a 70th percentile rating, or S.A.T. total score of 888 or above and a high school grade point average of 2.75 or above at the end of the seventh semester. A.C.T. or S.A.T. scores must be submitted prior to March 1.
2. Licensed Practical Nurses will be considered for admission on the basis of a high school diploma or G.E.D., a score of 500 or better on the State Board Examination, and a letter of recommendation from the present employer. Licensed Practical Nurses previously enrolled in college must have a G.P.A. of 2.75.
3. College students who have earned a minimum of 15 college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 G.P.A. or better.
4. Transfer students from other schools of nursing to the Associate Degree Nursing Program at Boise State University are required to submit applications and meet the general admission requirements according to the appropriate category and standards as outlined in items 1, 2, and 3 above.

Applicants who have previous education and/or experience in nursing may apply to take the Regents External Degree Exams to challenge one or two semesters of nursing. Individuals who are interested in challenge should make an appointment with the Program Director, Associate Degree Nursing, for further information.

Among equally qualified applicants in each of the four groups, students will be selected with consideration to minority groups and to students from all geographic regions served by Boise State University. All applicants to the Nursing Program will receive a letter indicating acceptance or non-acceptance.

All applicants admitted to the Nursing Program are required to:

1. Submit a Medical Data Form and a chest x-ray to the Student Health Center prior to August 1.
2. Purchase a Boise State University Student Nursing uniform.
3. Submit a special nursing laboratory fee of \$25.00 for Fall Registration. (Yearly)

APPLICATION PROCESS

1. Make application for admission to Boise State University and the Department of Nursing. Both application forms are available from the Admissions Office in the Administration Building, Room 100.
2. Submit an official high school transcript or G.E.D. test score and official transcripts of all previous college work to the Admissions Office.
3. Submit A.C.T. or S.A.T. scores to the Admissions Office.
4. Complete all application requirements by March 1.

CURRICULUM

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Chemistry (C-101)*	4	—
General Psychology*	—	3
Nutrition*	3	—
Human Anatomy & Physiology*	—	5
Basic Health Needs*	6	6
	16	17

* Must be completed before entering sophomore year nursing courses.

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Microbiology	4	or 4
Sociology (Intor.)	3	or 3
Area I or II Electives**	3	3
Elective	2	or 2
Deviations From Basic Health	8	8
Nursing Seminar	1	1
	15	17

** See college core requirements for BS degree.

UPPER DIVISION BACCALAUREATE DEGREE

Students are admitted into upper division program in the fall semester of each year. The purpose of the Baccalaureate program in nursing is to provide the registered nurse student with the opportunity to concentrate his/her educational efforts in a particular area: (1) Acute Care Nursing, (2) Leadership and Management, or (3) Family Nurse Practitioner. The outcome of increasing the knowledge/understanding of his/her chosen field of concentration and the ability to apply the findings will result in a proficient professional practitioner who is not only self-directive but able to guide others in acquiring skills essential to a high level of performance.

Graduates are awarded the Bachelor of Science degree and a statement verifying completion of the area of competency from Boise State University. Boise State University is full accredited by the Northwest Association for Secondary and Higher Schools.

The Kellogg Foundation provided funds which allowed the Department of Nursing to offer a program of studies for registered nurses terminating in a Baccalaureate degree. This program is approved by the Idaho State Board of Nurse Examiners.

Philosophy

The Department of Nursing believe that the quality of health care delivery in urban and rural areas can be enhanced by extending the scope of professional nursing practice. Although registered nurses possess essential knowledge and skills, they need advanced education and experience to fulfill the requirements of this changing, expanding role.

The Department offers students an opportunity to concentrate their educational efforts in an area of specialization: Acute Care Nursing, Family Nurse Practitioner, or Leadership and Management in Nursing and thus, acquire the proficiency necessary to assume a variety of role responsibilities within the broadening sphere of professional nursing.

SCHOOL OF HEALTH SCIENCES

Nursing

Objectives:

1. Demonstrating effective relationships with individuals/groups.
2. Demonstrating a high level of skill competency in his/her chosen area of concentration.
3. Demonstrating professional behavior, and
4. Becoming an effective change agent in the health care service within the community.

Objectives:

ADMISSION

A. All applicants must:

ADMISSION

A. All applicants must:

1. Possess a current license as a registered nurse. Students with licensure granted by another state must acquire licensure from Idaho prior to being assigned to learning experiences in health agencies in this state (with the exception of federal reservations).
2. Have at least one year work experience in nursing within the last two-year period (petitions for exemption of work experience requirement will be submitted to the Baccalaureate Faculty Committee).

B. Applicants for a Baccalaureate Degree:

Applicants must have successfully completed 34 credits in lower division general education courses which must include chemistry, anatomy/physiology*, nutrition*, microbiology*, English and a behavioral science with a cumulative GPA of 2.75.

*Equivalency can be requested.

C. Applicants not seeking a Baccalaureate Degree:

Applicants to a course/module in nursing need not have completed the general education requirements but MUST have completed prerequisites to nursing courses in which they are going to enroll.

D. Selection will be made from the qualified applicants according to the criteria determined by each area of concentration. These criteria are published and available in the Baccalaureate Program of Nursing.

3. perform those actions essential for restoring maintaining the individual's health status
4. evaluate nursing and medical actions and patient progress to determine extent of goal achievement

The emphasis in each nursing course will be on acquiring a sound understanding of pathophysiological entities for the purposes of (1) following a decision making process, (2) evaluating the outcome of a given intervention and proceeding appropriately, (3) adeptly intergrating information and establishing priorities, (4) dealing in emergency situations with rapidity and precision.

Curriculum - Acute Care Nursing

	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
Sensitization to Change	2	—
Pathophysiology	4	—
Concept/Skills of		
Health Assessment	5	—
Principles of Pharmacotherapeutics	3	—
Area II Electives	3	—
Nursing Adults in Intensive		
Care Situations	—	4
Cardiovascular Nursing	—	4
Area II Electives	—	3
Area III Electives	—	6
	17	17
SENIOR YEAR:		
Nursing in Emergency/ Trauma Situations	4	—
Perinatal Intensive Care Nursing	4	—
Area I Electives	6	—
Area II or III Electives	3	—
Overview of Acute Care		
Nursing Research	—	3
Legal Implications of		
Health Practice	—	3
Area II or III Electives	—	6
Senior Nurse Practicum	—	4
	17	16

APPLICATION PROCESS:

1. Request from/send into Admissions Office, BSU:
 - a. BSU application form
 - b. Special enrollment application for the Baccalaureate Program of Nursing.
2. Request transcripts from all previous educational institutions to be forwarded to Admissions Office, BSU.
3. Applications and transcripts must be submitted prior to March 1st in the year you wish to be admitted.

**Option I.
ACUTE CARE NURSING**

This course of study is designed to educate a skilled, knowledgeable practitioner in settings requiring acute nursing care. Acute Care Nursing occurs in those instances when the client cannot adapt without outside intervention. Nursing intervention, therefore, is aimed at fostering the client's capacity/ability to adapt.

The graduate from this program of study will be able to utilize specialized knowledge and skills required in the care of individuals in the intensive care units: Coronary Care, Intensive Care, Perinatal Intensive Care, or Emergency/Trauma Care. Thus, the graduate will be able to:

1. assess the health status of an individual
2. plan a method of action utilizing the findings

Option II.

LEADERSHIP/MANAGEMENT

This program is designed to prepare the nurse in leadership/management skills to meet the demand for increasing competency in decision making within the health delivery system. The leader/manager will use all her previously acquired knowledge/abilities of nursing as the basis for acquiring new skills which include:

1. understanding the kinds of knowledge/intellectual abilities that underlie effective leadership/management.
2. planning the activities of leading/managing in such a manner as to achieve the identified goal(s).
3. performing the activities of leading/managing in such a manner as to achieve the identified goal(s).
4. evaluating the degree to which the goal(s) of the plan were achieved.

The emphasis of this educational program is to prepare a leader/manager who has a specialized background in nursing to function in the administrative role. This individual will recognize his/her own limitations, know when to seek assistance and accept full professional, legal and ethical responsibility for his/her own activities.

As a professional, the leader/manager uses current literature/knowledge to evaluate and improve the leadership/management function on a collaborative, interdisciplinary, interdependent basis.

Curriculum - Leadership/Management

	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
Sensitization for Change	2	—
Health Delivery System	3	—
Health Delivery: Nurses Role	4	—
Principles of Management	3	—
Area II or III Electives	4	6
Personnel Management	—	3
Manager/Leader: Nurses Role	—	4
Educational Psychology	—	3
	16	16
SENIOR YEAR:		
Change Agent: Nurses Role	4	—
Medical Econ and Finance	3	—
Social Change	3	—
Human Relations	3	—
Area I Elective	3	3
Change Process: Nurses Role	—	4
Professional Nursing Seminar	—	2
Legal Implications	—	3
Electives	—	4
	16	16

Option III.

FAMILY NURSE PRACTITIONER

This program of study is designed to educate a Family Nurse Practitioner who is qualified to deliver primary health care to individuals, families and communities. Primary care includes the initial contact with an individual as he enters a health care system, the continuity of his care, (particularly in the area of health care maintenance) and the coordination of that care.

The Family Nurse Practitioner utilizes all previously acquired nursing knowledge/abilities as the basis for acquiring new skills which include:

1. determining the health status of individual/families by taking a complete health history and performing a physical/psycho-social assessment.
2. utilizing observation/findings to develop a plan of care which will meet the physical/psycho-social needs of individual/families.
3. implement the plan of care.
4. evaluate activities/plan in relation to the degree to which the needs have been met.

The emphasis of this education program is to prepare the nurse to initiate preventive health measures in order to insure the "wellness" of individual/families. He/she will be prepared to diagnose, treat and prescribe for individuals of all age groups who have uncomplicated illnesses and manage the care of those individuals with stabilized chronic diseases. He/she recognizes the limits of knowledge/skills and knows when to seek consultation or refer individuals to other health professionals. He/she accepts full, professional, ethical and legal responsibilities for her activities.

As a professional, she/he constantly uses current medical/nursing knowledge to evaluate and improve the level of practice. The Family Nurse Practitioner functions interdependently, recognizes the value of collaboration with other professionals and is an active member of the health team.

Curriculum - Family Nurse Practice

	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
Sensitization for Role Change	2	—
Methods in Clinical Laboratory Science	—	3
* Concepts and Skills of Health Assessment	5	—
Principles of Pharmacotherapeutics	3	—
* Family Nurse Practice	—	8
Health Care Delivery Systems	—	3

Area I Elective	—	3
Applied Physiology	4	—
Sociology of the Family	3	—
	17	17

	1ST SEM.	2ND SEM.
SENIOR YEAR:		
* Family Nurse Practice	8	4
Legal Implications of Health Care	—	3
* Senior Nurse Practicum	—	4
Area I, II, or III Electives	9	6
	17	17

It may be necessary for the student to take a Fifth Semester of course work to complete electives since Senior Nurse Practicum offered in the 2nd sem. of the 2nd year may be in rural areas (i.e. off campus/out of town).

* Students participate in required learning experiences with physician preceptors, family nurse practitioners, and nursing faculty.

**DEPARTMENT OF
PREPROFESSIONAL STUDIES**

INTRODUCTION

The Preprofessional Studies Department has responsibility to those students who intend to apply to a professional school in one of the health science occupations and who have therefore declared a major in: pre-medicine, pre-dentistry, pre-veterinary medicine, pre-optometry, pre-pharmacy, pre-dental hygiene, and other health sciences professions.

Academic

Students in pre-medicine, pre-dentistry and pre-veterinary medicine may choose a Biology or Chemistry option (below) or Health Science Studies (Dept. of Allied Health Studies). In addition to these basic options, courses in Medical Sociology, Community Health, and Medical Terminology are recommended. The student's academic progress is monitored by the advisory faculty and the Dean of the School. At appropriate intervals the student is counseled regarding his or her progress toward a career goal.

Those who plan to attend Idaho State University College of Pharmacy and Dental Hygiene Programs must have completed the following tests prior to application for admission:

	TEST	FEE
Pharmacy	PCAT	\$120
	Application date - Jan. 1	
	Test date - February	
Dental Hygiene	DHA	\$ 10
	Application dates - Sept. 15	
	Dec. 15	
Test dates - November		
February		

Clinical

In addition to their academic course work the Pre-Professional Studies students have opportunities and are encouraged to work and observe at first hand the practice and delivery of health care in a clinical environment.

PreProfessional Internship

Selected students in their third or fourth year may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, veterinarian, etc.

Hospital Learning-Volunteers

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.

**REQUIREMENTS FOR PRE-MEDICAL,
PRE-DENTAL, PRE-OPTOMETRIC,
PRE-VETERINARY MEDICINE STUDIES****

I. Biology Option

1. General College and Baccalaureate Degree Requirements to include	30
English Composition	6
General Psychology	3
2. Biology Requirements	34-35
Advanced General Biology	10
General Bacteriology	5
Comparative Anatomy	4
Vertebrate Embryology	4
Mammalian Physiology	4
General Genetics	3-4
Vertebrate Histology	4
3. Chemistry Requirements	24
General Chemistry	10
Organic Chemistry	10
Biochemistry	4
4. Physics and Mathematics	18
General Physics	8
Mathematics 111-112	10
Totals for areas 1-4	106-107
* Electives Needed	21-22

II. Chemistry Option

1. General College and Baccalaureate Degree Requirements to include	30
English Composition	6
General Psychology	3
2. Biology Requirements	21-22
Advanced General Biology	10
Comparative Anatomy	4
General Genetics	3-4
Vertebrate Embryology	4
3. Chemistry Requirements	40-41
General Chemistry	10
Organic Chemistry	10
Bio- or Analytical Chemistry	4-5
Physical Chemistry	8
Instrumental Analysis	4
Chemistry Independent Studies	2
Chemistry Seminar	2
4. Physics and Mathematics	26
Math 111-112	10
Math 205-206	8
General Physics	8
Total for Areas 1-4	118-119
* Electives	9- 10

* Additional upper division credits so that upper division credits total at least 40.
** Other Pre-Professional Studies majors will be given curriculum recommendations specific to their interests by the faculty advisors.

(suggested Programs)
CHEMISTRY OPTION

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area II Courses	3	3
	<hr/> 16	<hr/> 16
SOPHOMORE YEAR:		
Advanced General Biology	5	5
Organic Chemistry	5	5
Calculus and Analytical Geometry	4	4
Area I Courses	3	3
	<hr/> 17	<hr/> 17

	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
Comparative Anatomy	4	—
Vertebrate Embryology	—	4
General Physics	4	4
General Genetics	—	3-4
Bio- or Analytical Chemistry	4-5	—
Area I Courses	3	3
	<hr/> 15-16	<hr/> 14-15

	1ST SEM.	2ND SEM.
SENIOR YEAR:		
Physical Chemistry	4	4
Instrumental Analysis	4	—
Chemical Independent Study	1	1
General Psychology	3	—
Area II Courses	—	3
Chemistry Seminar	1	1
Electives	3	4-5
	<hr/> 16	<hr/> 13-14

BIOLOGY OPTION

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area II Courses	3	3
	<hr/> 16	<hr/> 16

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Advanced General Biology	5	5
* Organic Chemistry	5	5
General Psychology	3	—
Area I Courses	3	6
	<hr/> 16	<hr/> 16

	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
General Physics	4	4
Area III Course	5	—
Comparative Anatomy	4	—
Genetics	—	3-4
Vertebrate Embryology	—	4
Area I Courses	3	—
Biochemistry	—	4
	<hr/> 16	<hr/> 16

	1ST SEM.	2ND SEM.
SENIOR YEAR:		
General Bacteriology	5	—
Vertebrate Histology	4	—
Mammalian Physiology	—	4
Area II Electives	3	—
Electives	3-5	12
	<hr/> 15-17	<hr/> 16

PRE-OPTOMETRIC

Science courses should be pre-professional courses designed for science majors which offer laboratory experience. Brief survey courses in the sciences will not prepare a student for the schools and colleges of optometry.

All of the schools and colleges require additional courses for admittance, but each optometry school has its own set of requirements. The student should write to the optometry school of his or her choice for a list of specific courses.

Although two years of preoptometric study is the minimum required, most students accepted by a school or college of optometry have completed three years in an undergraduate college. A large percentage of students accepted by the schools and colleges of optometry have earned a bachelor's degree.

The requirements for admission to the schools and colleges of optometry vary. However, all optometric schools and colleges

require at least two years of preoptometric study which should include:

CURRICULUM

General Biology or Zoology	1 or 2 semesters
General Chemistry	2 semesters
General Physics	2 semesters
English	1 to 2 semesters
College Mathematics	2 semesters

Additional courses that may be needed for the preoptometric program are:

Psychology
Social Science
Philosophy
Literature
Organic Chemistry
Microbiology
Bacteriology
Comparative Anatomy
Physiology
Statistics
Algebra and Trigonometry
Analytic Geometry
Differential Calculus
Integral Calculus

PRE-DENTAL HYGIENE

This curriculum is designed for students interested in a professional career in dental hygiene. This particular program is designed for students planning to enroll in the dental hygiene program as sophomore or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll at schools other than Idaho State University are advised to pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition 101 and 102	3	3
General Biology 101 and 102	4	4
Introduction to Sociology 101	3	—
General Psychology 101	—	3
Physical Education Activities	1	1
Non-specified Electives	3	—
Humanities Elective	—	3
Professional Speech Communication 102	—	2
	<u>14</u>	<u>16</u>
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Introduction to General Chemistry 101 and 102	4(5)	4(5)
or General Chemistry 111 and 112		
Mathematics 111, Algebra and Trigonometry	5(4)	—
Non-specified Elective or Foreign Language	—	3(4)
Microbiology 205	3	—
Human Physiology and Anatomy 107	—	5
Nutrition 207	—	3
Humanities Elective	3	—
	<u>14-16</u>	<u>15-17</u>

DEPARTMENT OF ALLIED HEALTH STUDIES

INTRODUCTION

In order to deliver the best health care possible, it is necessary that the physician or other members of the health care team be able to utilize the many complex and specialized tests, procedures and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment

for the patient. These other members of the health team are known as allied health personnel.

In 1967 the ratio of allied health personnel to physicians was approximately ten allied health people to one physician. The present ratio is approaching the projected ratio for the mid-seventies of twenty to twenty-five per physician. It is clear that delivery of adequate and quality health care depends on the education of persons in technological specialties.

HEALTH SCIENCE STUDIES

BACHELOR OF SCIENCE

The bachelor of science degree in Health Science provides the curriculum whereby an individual may gain an education in the biological, physical, and health sciences to provide a foundation for additional professional or graduate work in several health science professions. This curriculum should be of particular interest to those wishing to qualify for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical, pre-dental and pre-veterinary programs.

Credits

1. Requirements:	
Area I Requirements:	12
English Composition	6
Area II requirements	12
Math	10
General Chemistry	10
Organic Chemistry with Lab	10
Biochemistry	4
General Biology	10
Advanced General Biology	10
Bacteriology	5
Physiology	4
Mammalian Physiology	4
Subtotal	83 credits
2. Electives (science) 6 courses	
General Physics (8) or Biophysics (4)	
Genetics (3)	
Histology (4)	
Analytical Chemistry (5)	
Pathogenic Bacteriology (4)	
Cytology (4)	
Parasitology (3)	
Comparative Anatomy (4)	
Physical Chemistry (8)	
Subtotal	22-29
3. Electives (Health Science and Free)	
Medical Terminology (3)	
Health Delivery Systems (3)	
Public Health Administration (2)	
Environmental Economics (proposed 2)	
Preprofessional Internship (2)	
Area I, II or III(7-14)	
Subtotal	16-23
Total	128 credits

MEDICAL TECHNOLOGY MAJOR

Bachelor of Science Program

Medical Technology offers an excellent opportunity for those interested in science fields which relate to the medical laboratory. However, there is increasing demand for the limited space in the hospital training programs and it is essential that those interested in the profession be well versed in physical, biological and health sciences.

To this end, the School of Health Sciences offers the student two options. He may take three years of academic work (96 credits) in which he will complete the basic science requirements of the Registry of the American Society of Clinical Pathologists as well as the requirements of the college core. The student

SCHOOL OF HEALTH SCIENCES
Allied Health

may then apply for the one-year clinical program, and upon its successful completion will be eligible to write the examination for certification and also will be granted a B.S. degree in Medical Technology.

The student may also complete the fourth year in a prescribed academic program to earn a B.S. in Health Sciences Studies. After completion of one year in an accredited hospital program, he would be eligible for a second degree of a B.S. in Medical Technology.

Those BSU students who gain admission to an accredited hospital program and who wish to have this experience counted for BSU credit must enroll in MT 491-2. A registration fee of one dollar per credit hours is required. This will provide the individual with student privileges such as access to college loans and scholarships, use of the library and gymnasium, etc.

REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR

1. Completion of basic core requirements:	
English composition	6
Area I	12
Area II	12
Mathematics (M 111-112 or M 115-116)	10
General Chemistry	10
Organic Chemistry with Lab	10
Biochemistry	4
Advanced General Biology	10
Bacteriology	5
Physiology	4
2. Health Science, Science and Free Electives	13
Total	96 credits
3. Senior year - Clinical Class and Practice	
A calendar year to be spent in St. Luke's Hospital or St. Alphonsus Hospital, Boise, Idaho; or in other hospitals having training programs approved and accredited by the ASCP.	

SENIOR YEAR - Clinical Class and Practice	
MT 491, 492	32
Hematology	6
Clinical Bacteriology	8
Clinical Parasitology & mycology	2
Urinalysis	1
Clinical Chemistry	10
Serology	3
Immunology	2
	32
Total	128 credits

RADIOLOGIC TECHNOLOGY Associate Degree Program

The Radiologic Technology Program of the School of Health Sciences offers a curriculum utilizing both university and clinical components. This type of integrated program is needed in order for the students to gain the essential knowledge and skills required of today's practicing Radiologic Technologist.

A Radiologic Technologist is responsible for the technical aspects of radiology and may function as an assistant to the physician radiologist. Upon satisfactory completion of the prescribed courses, including 2200 clinical hours, the student becomes a Registered Technologist. The student may also continue studying for a Bachelor of Science degree. The curriculum meets the requirements necessary for approval by the Committee on Radiologic Technology Education and the American Medical Association.

2200 Practicum hours as required by the accrediting agency for Radiologic Technology Programs, will be granted 34 credits. Seventeen (17) of these credits will be allowed for the Associate degree.

These practicum hours are spent working with patients under the supervision of a Registered Technologist or radiologist

in a hospital environment. This time is integrated with classroom studies involving all aspects of technology.

Preprofessional Year - Admission

Any student who has been admitted to the University is eligible to register as a Radiologic Technology major in the Preprofessional year. Admission procedures to the University are outlined in Part I of this bulletin.

Professional Year* - Admission Procedure

Persons who will have completed the Preprofessional core requirements are eligible to apply for admission to the Professional Program. Special applications for the limited enrollment Radiologic Technology Professional Program are available at the Admissions Office, and must be completed and filed with the Admissions Office by April 15 for the Professional Program beginning June 1. All applicants will be notified by May 15 as to whether or not they are accepted into the Professional Program.

All applicants admitted to the Radiologic Technology Program are required to submit a Medical Data Form and chest x-ray to the Student Health Center prior to June 1.

Policy on Promotion and Graduation

1. Students must maintain a GPA of at least 2.50. A GPA of less than the required shall automatically place a student on probation.
2. A grade of less than a C in any Radiologic Technology theory unit or clinical unit must be repeated and raised to C or higher before continuing the Radiologic Technology curriculum.
3. Students who have completed all course requirements with a GPA of 2.00 or better and no grade lower than C in their Radiologic Technology classes qualify for graduation.

CURRICULUM

Preprofessional Year

	1ST SEM.	2ND SEM.
English Composition	3	3
* Biophysics	—	4
Anatomy and Physiology	—	5
Psychology	3	—
Speech	—	2-3
** Mathematics M115	4-5	—
Health Delivery Systems	—	3
Medical Terminology	3	—
Humanities Electives	—	3
	17-18	16-17

* Offering of the professional program at Boise State University is contingent on funding by the 1976 legislature.

** Eight credits of general physics may be substituted for biophysics.

*** Students who wish to complete a math sequence required for majors in math or chemistry should take M-111.

After completion of the preprofessional courses, the students admitted to the professional program will be selected on the basis of GPA, admission test scores, evidence of involvement and interest in health care, and personal interviews.

CURRICULUM

Radiologic Technology*

	1ST SESSION	2ND SESSION
FIRST PROFESSIONAL YEAR*		
Summer		
Intro to Radiologic Technology	3	—
Found of Radiologic Technology	—	4
	—	—
Total Summer Credits	7	
Fall		
Basic Skeletal Positioning	—	3
Radiographic Quality	—	1
Radiographic and Topographic Anatomy	—	2
Radiation Physics	—	2
Clinical Internship (400 clock hours)	—	6
Total Fall Credits	14	

Spring	
Head and Visceral Positioning	3
Technique and Exposure	1
Special Radiographic Procedures	2
Radiation Physics	2
Clinical Internship (400 clock hours)	6
Humanities Electives	3
	<hr/>
	17

SECOND PROFESSIONAL YEAR *

Clinical Summer	
Clinical Internship (400 clock hours)	6
	<hr/>
Total Summer Credit	6

Fall	
Positioning and Film Critique	3
Radiation Therapy and Nuclear Medicine	2
Medical and Surgical Diseases	2
Clinical Internship (500 clock hours)	8
	<hr/>
Total Fall Credit	15

Spring	
Advanced Positioning	3
Elements of Management	3
Clinical Internship (500 clock hours)	8
	<hr/>
Total Spring Credit	14
Total Credit	79

*Offering of the professional program at Boise State University is contingent on funding by the 1976 legislature.

RESPIRATORY THERAPY

Philosophy

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and diagnostic aids to breathing.

The Respiratory Therapy program at Boise State consists of a two-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of basic courses in arts and sciences and professional courses in respiratory therapy. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Respiratory Therapists, which is the professional designation.

Objectives

The graduate will be prepared to accomplish the following objectives under medical direction:

- a. Administer gas, humidity, and aerosol therapy, including the administration of drugs by these therapeutic methods.
- b. Administer intermittent positive pressure breathing treatments.
- c. Assist with long term continuous artificial ventilation, special therapeutic procedures and cardiopulmonary resuscitation; also perform tasks related to patient care, especially those of airway management, while he is involved in giving respiratory therapy.
- d. Participate in the development of Respiratory Therapy units.

Requirements for Admission

Admission to the Respiratory Therapy program is based upon general college requirements.

1. Make application for admission to Boise State University and also complete special application for the Respiratory Ther-

apy Program. Both applications are available at the Admissions Office and must be submitted by April 15th of the year of enrollment.

2. Take A.C.T. program of tests.
3. Send a copy of high school transcript or G.E.D. test scores and transcripts of all previous college work to the Admissions Office.
4. Submit Medical Data Form by August 1.

All applications will be reviewed by the Respiratory Therapy Selection Committee following April 15th. Applicants are selected on the basis of previous academic performance, A.C.T. test scores, health status, and personal interview. Applicants will be notified of status by May 31st.

Those accepted must submit a satisfactory chest x-ray to Student Health Services prior to registration. Respiratory Therapy student uniforms are required.

Acceptance by the university does not constitute acceptance into the Respiratory Therapy Program.

Promotion and Graduation

1. Students must maintain a GPA of at least 2.5 throughout the first semester. A GPA of less than the required shall constitute removal from the program.
2. Students obtaining a "D" or "F" in their RT must repeat the course and raise their grade to "C" or higher before continuing the Respiratory Therapy curriculum.
3. Students who have completed all course requirements with a GPA of 2.5 or better and no grade lower than "C" in their RT qualify for graduation.

RESPIRATORY THERAPY CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
Anatomy and Physiology	5	—
Microbiology	—	4
Chemistry	4	—
English	3	3
General Psychology	—	3
Mathematics 111 or 115	5	—
Intro to Biophysics	—	4
Cardiopulmonary Physiology	—	3
	<hr/>	<hr/>
	17	17

Summer Session - 5 weeks

Respiratory Therapy		
Therapy and Clinical Practice	6	—
	<hr/>	<hr/>
	15	15

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Principles of Pharmacotherapeutics	3	—
Medical Terminology	3	—
Respiratory Therapy Professional Seminar	—	3
Advanced Respiratory Therapy 205	9	—
Advanced Respiratory Therapy 221	—	12
	<hr/>	<hr/>
	15	15

MEDICAL RECORD SCIENCE

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. The Medical Record Technician works closely with other health care professionals to gather and make available information to provide quality patient care.

The program offers an Associate of Science degree and is approved by the American Medical Record Association and the Council on Medical Education of the American Medical Association.

Graduates of the program are eligible to write the national accreditation examination, and upon successful completion of this examination are recognized as Accredited Record Technicians (ART). This program will fulfill most lower division requirements for a bachelor degree in Medical Record Administration.

SCHOOL OF HEALTH SCIENCES
Environmental Health

In addition to fulfilling general requirements for admission to Boise State University, the prospective student must complete the special application for the Medical Record Technician program, available at the Admissions Office. Students are responsible for their own transportation from BSU to Clinical Agencies.

CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
Medical Terminology	3	—
Medical Record Science	4	4
Concepts of Biology	4	—
Human Physiology and Anatomy	—	5
Intermediate Typing	2	—
English Composition	3	3
Fundamentals of Speech-Communication	—	3
	<u>16</u>	<u>15</u>

Summer Session: Medical Record Science - Directed Practice
4, credits.

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Advanced Medical Record Science	5	5
Health Delivery Systems	—	3
History (HY 101 or HY 151)	3	—
Legal Implications of Health Practice	—	3
Advanced Medical Terminology	3	—
Introduction to Data Processing	—	3
General Psychology or Introduction to Sociology	3	—
Elective (if needed)	—	2 or 3
	<u>14</u>	<u>14 or 15</u>

**MEDICAL OFFICE ASSISTANTS
(Medical Secretary)**

The Medical Office Assistant (Medical Secretary) will be prepared to function in either office or hospital setting. The program will provide knowledge and skills such as scheduling, bookkeeping, filing, transcribing, and management of the record system. In addition, this program will provide knowledge and skills to enable the assistant to fulfill the role of contact between the patient and the physician. These will include skills in communication, interpersonal relations, medical ethics and the legal aspects of patient care. Courses in behavioral science and humanities will enhance the Assistant's sensitivity to the special needs of the patient and his family. This program offers an Associate Degree.

CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Business Mathematics/Machines	3	—
Human Physiology and Anatomy	—	5
Beginning and Intermediate Typing	2	2
Beginning and Intermediate Shorthand	4	4
Medical Terminology	3	—
Electives	2	3
	<u>17</u>	<u>17</u>

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
General Psychology	3	—
Advanced Shorthand	4	—
Communication in Business	3	—
Introduction to Business	—	3
Records Preparation and Management	3	—
Principles of Accounting	—	3
Advanced Typewriting	2	—
Word Proc. & Machine Trans.	—	2
Elective	—	3

Administrative Office Procedures	—	3
Medical Office Orientation	—	1
	<u>15</u>	<u>15</u>

For course descriptions see Part V of the catalog

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH

INTRODUCTION

Studies in this department will consider general aspects of human health which are determined or are contingent on personal, social and environmental action or interaction. The assessment of personal health status, the relationships between personal and community health, the ecological perspective of personal health, the concept of community health, the providers of health care and the existing and potential health care delivery systems, are all important elements for consideration.

The Community and Environmental Health Scientist is needed to satisfy the demand for trained personnel in such areas as public health, environmental pollution control, food inspection, and in teaching and administration. These experts may find employment in federal, state and local agencies. There is also an increasing demand in private industry and in teaching institutions for individuals with this training.

REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

Bachelor of Science

A. General Requirements (8 credits)	
English Composition	6
B. Area I Requirements (12 credits)	
Electives	12
C. Area II Requirements (12 credits)	
Psychology	3
Sociology	3
Electives	6
D. Science Requirements (69 credits)	
General Chemistry	10
Elementary Organic Chemistry	6
Math 115-116	10
General Physics	8
Advanced General Biology	10
General Bacteriology	5
Entomology	4
Pathogenic Bacteriology	4
Food Microbiology	4
Bioecology	4
Mammalian Physiology	4
E. Health Science Requirements (19 credits)	
Environmental Management	6
Public Health Field Training	8
Public Health Administration	2
Environmental Health Legislation	2
F. Electives (15 credits)	
Suggested Electives	
Principles of Data Processing	
Principles of Economics	
Speech	
State and Local Government	
Federal Government	
General Parasitology	

ENVIRONMENTAL HEALTH

(Suggested Program)

Bachelor of Science

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5

Math 105-106 or Math 111-112	5	5
Man and his Environment	3	—
Area I Electives	—	3
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Area I Electives	3	3
Area II Electives	3	3
Psychology	3	3
	17	17
	1ST SEM.	2ND SEM.
JUNIOR YEAR:		
General Bacteriology	5	—
Pathogenic Bacteriology	—	4
Entomology	4	—
General Physics	4	4
Environmental Management	3	3
Area I Electives	—	3
Area I Electives	—	3
	16	17
Summer between Junior and Senior Year		
Public Health Field Training	8	—
	1ST SEM.	2ND SEM.
SENIOR YEAR:		
Food Microbiology	4	—
Mammalian Physiology	—	4
Public Health Administration	2	—
Environmental Health Legislation	2	—
Bioecology	4	—
Introduction to Sociology	—	3
Electives	3	9
	15	16

CONTINUING EDUCATION PROGRAM*

Recognizing that basic academic programs are the beginning of career education, and that continued learning is essential to maintain competency in the delivery of health care, The School of Health Science accepts its responsibility for providing continuing learning experiences for health care personnel.

Programs are planned in response to identified need within the community. Content of offerings is selected to provide knowledge of new developments in science and technology and to provide for personal and professional advancement.

* For additional information contact Office of Health Science Continuing Education.

COURSES

H HEALTH SCIENCES

101 Medical Terminology (3 credits). An introduction to Greek and Latin prefixes, roots, and suffixes used in medical terminology, as well as in the study of anatomical, physiological, and pathological terms according to systems of the body. Both semesters. Recommended as a beginning course for those with little or no biology background. Both semesters.

201 Advanced Medical Terminology (3 credits). More detailed and specific terminology used in describing causes of diseases, signs and symptoms, diagnostic measures, operative and pathological procedures. Prerequisite: H-101. Spring semester.

210 Principles of Pharmacotherapeutics (Pharmacology) (3 credits). Principles, practical uses and interactions of drugs and their relation to the diseases they treat. Prerequisites: C 101-102 or C 111-112; B 107 or B 401; or permission of instructor. Fall semester.

300 Pathophysiology (3 credits). Physical and chemical principles of living regulatory systems are explored with application to human physiological states of health and illness. Fall semester.

302 Health Delivery Systems (3 credits). Formal and informal health delivery systems will be studied. Organization, functional effectiveness and indications for change in the health care systems will be emphasized. Fall and Spring semesters.

304 Public Health Administration (2 credits). Organization, administration and functions of the various health agencies. Spring semester.

305 Sensitization for Role Change (2 credits). This seminar focuses on student experiences involving professional role confusion-conflict and change. Theoretical concepts are derived from these experiences and readings. Prerequisites: Departmental permission. Fall and Spring semesters.

310 Methods in Clinical Laboratory Science (3 credits). An interdisciplinary course designed to advance the student's understanding and utilization of basic laboratory procedures employed in a clinical primary care setting. The clinical significance of the tests in relationship to disease processes will be stressed. Lecture and clinical practice in a laboratory setting are provided to ensure that students learn accurate techniques and are clinically competent to perform and interpret selected laboratory procedures. Prerequisites: Applied Physiology and Departmental permission. Spring semester.

405 Medical Economics and Finance (3 credits). An introductory course to the economics and financing of health care and health care agencies. Spring and Fall semesters.

407 Legal Implications of Health Practice (3 credits). Legal concepts in relation to health care practice in varied health care settings. Spring semester (1976).

493 Pre-Professional Internship (2 credits). The student spends three hours a week in a clinical setting under the direction of a preceptor who is a practicing professional. The student is required to keep a record of his experiences and report them during a weekly lecture-recitation seminar. Prerequisite: Senior standing, GPA above 3.0, recommendation of faculty advisor, consent of the dean.

EH ENVIRONMENTAL HEALTH

301-302 Environmental Management (3 credits). Designed to provide a working knowledge of environmental management practices with special emphasis on health. First semester: community environmental problems such as food and milk protection, drinking water, swimming pools, water pollution, and solid waste management are studied. Second semester: continuation of community problems related to air quality, radiation control, insect and rodent control and environmental health hazards, etc. Prerequisite: upper division standing.

350 Public Health Field Training (8 credits). Study of actual public health problems, code, compliance, recording procedures, degrading procedure, etc. Prerequisite: Environmental Sanitation. Summer semester.

435 Environmental Health Legislation (2 credits). This course is designed to allow the student to acquire a working knowledge of environmental legislation; the implementation and enforcement of said laws and specific duties of the employee regarding selected sections of the law. Prerequisite: Consent of instructor. Fall semester.

MR MEDICAL RECORD SCIENCE

110-111 Medical Record Science (4 credits). Orientation to Medical Record profession, including its history and progress. Students will learn how to analyze a medical record, check it for completion, code and index according to disease and operation. Planned laboratory experiences will provide practice in these procedures as well as in statistics, filing systems and medical transcription. First year.

160 Medical Record Science Directed Practice (4 credits). Each student spends 150 hours in a Medical Record Department doing the daily procedures, under the immediate supervision of the hospital personnel. This experience provides the opportunity to put into practice the theories learned during the first year of Medical Record Science. Prerequisite: MR-110, 111. Summer only.

210-211 Advanced Medical Record Science (5 credits). More detailed coding and indexing of medical records, outpatient department records, Medicare, cancer registry, and methods of record keeping in nursing homes or extended care facilities. Provides 12 hours per week of directed practice. Prerequisite: MR 110, 111, 160. Second year.

MT MEDICAL TECHNOLOGY

201 Basic Medical Technology (2 credits). A survey course designed to introduce those students interested in Medical Technology to some of the basic aspects of theory and practice encountered in the profession. The course demonstrates the relationship of the University and hospital programs in the development of knowledge and skills required in the field of medical technology. Fall semester.

491-2 Clinical Class and Practice (16 credits). Course requires 12 consecutive months of instruction in a hospital school approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Student spends approximately 40 hours a week in a laboratory practicum. Six to eight hours a week are set aside for reading assignments, lectures and examinations. Prerequisite: Acceptance by a hospital school accredited by the NAACLS.

N NURSING

120 Basic Health Needs (6 credits semester). Nursing process is utilized to present basic health needs with emphasis on nutrition and elimination, activity, safety, and comfort as applied to persons of all ages in the community and in health agencies. The student has the opportunity to develop beginning skills in providing nursing care in the newborn nursery, medical-surgical areas and the nursing homes. Prerequisite: admission to the nursing major. Both semesters.

130 Basic Health Needs (6 credits semester). Nursing process is utilized to present basic health needs with emphasis on mental health, comfort, safety, and oxygen as applied to persons of all ages in the community, in hospitals, and health agencies, and within the family during the reproductive cycle and in crisis situations. The student has the opportunity to develop beginning skills in providing nursing care of patients in the medical-surgical, maternal and infant care areas. Prerequisite: admission to the nursing major. Both semesters.

SCHOOL OF HEALTH SCIENCES

Courses N

220 Deviations from Basic Health CCI (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on mental health—mental illness considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the mental health unit and community health agencies. Prerequisites: Core courses of the first year of the nursing curriculum. Both semesters.

230 Deviations from Basic Health CCII (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on oxygen needs for persons of all ages. The student has the opportunity to develop skills in the medical-surgical areas with specific reference to psychophysiological assessment and nursing care planning for patients with oxygen deficiency. Prerequisites: core courses of the first year nursing curriculum. Both semesters.

240 Deviations from Basic Health CCIII (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on the basic need for nutrition and elimination considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisites: core courses of the first year nursing curriculum. Both semesters.

250 Deviations from Basic Health CCIV (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on the basic need for activity considering persons of all ages. The student has the opportunity to develop skills in nursing care of patients in the medical-surgical and rehabilitation areas. Prerequisites: core courses of the first year of the nursing curriculum. Both semesters.

280-290 Nursing (1 credit per semester). Philosophy of health care and the role of the graduate as a registered nurse. Legal implications and other factors affecting nursing practice are discussed. Prerequisites: core courses of the first year nursing curriculum. 280 - Fall semester, 290 - spring semester.

Upper Division

300 Concepts and Skills of Community Health Nursing (3 credits). The primary focus of this course in community health nursing is the use of nursing processes in family and community settings with emphasis on the psychosocial aspect of individual/family/community health. The course is designed to assist nurses in application of course content to daily work in community health settings as a means of improving the quality of health services. Prerequisite: the student must be a registered nurse with access to a community health setting or permission of the instructor. This course is offered regularly by correspondence, but may be offered as a regular semester offering on demand. Either semester.

312 Concepts and Skills of Health Assessment—Acute Care (5 credits). This course studies those concepts-principles most common to the nursing process of identifying and meeting the needs of the acutely ill client and his family. Physical assessment skills will be emphasized. Concurrent requisites: Applied Physiology and Departmental permission. Fall semester.

320 Nursing in Adult Intensive Care Situations (4 credits). This course studies and applies the concept of intensive care nursing in its present and emerging status. Emphasis is on acquiring a sound scientific base for nursing intervention in intensive care situations. Prerequisites: Applied Physiology and N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

321 Cardiovascular Nursing (4 credits). Nursing requirements of the client cardiovascular pathology will be studied. Emphasis will be placed on acquiring scientific knowledge to provide rationale for nursing intervention and experiences providing the opportunity to practice essential skills. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

340 Concepts and Skills of Health Assessment—Family Practice (5 credits). The course includes principle and skills in taking a health and developmental history, performing a physical, psycho-social assessments on individuals. Basic assessments of family interaction patterns and their use of community agencies are included as coordinated knowledge and practice basic to community health nursing. Distinguishing normal from abnormal health states of the individual-family will be stressed. Prerequisites: Departmental permission. Fall semester.

350 Family Nurse Practice (4 credits). Skills and principles of primary health care for individuals (0-16 yr.) are explored in theoretical and clinical settings. The student is provided the opportunity to become clinically competent in health assessments, diagnosis and management of uncomplicated pediatric health problems. Prerequisites: N-340, Concepts and Skills of Health Assessment; Departmental permission. Spring semester.

351 Family Nurse Practice (4 credits). Basic skills and principles of the physiological and psycho-social processes related to women. The emphasis will be on the assessment and management of uncomplicated gynecological problems, pregnancy, post partum care, family planning and the menopausal process. Prerequisites: N-340, Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

373 Health Delivery, The Nurse's Role I (2 credits). The course involves the assessment of the influence of nursing leadership on health care systems, their function and their effectiveness. Theories of leadership in nursing and implications for change in practice will be identified. Prerequisites: H-302, Health Delivery Systems and Departmental permission. Fall semester.

374 Health Delivery, The Nurse's Role II (2 credits). The course involves the implementation of various nursing leadership theories in the delivery of health care. Multi-community agencies will be used in identifying role responsibilities in professional nursing. Prerequisites: H-302, Health Delivery Systems and Departmental permission. Fall semester.

376 Manager-Leader, The Nurse's Role I (2 credits). The course will involve aspects and theories of decision-making within the management responsibilities of the professional nurse. The clinical practice will involve management decision making

in selected health care agencies. Prerequisites: MG-301, Principles of Management and Departmental permission. Spring semester.

377 Manager-Leader, The Nurse's Role II (2 credits). The course will involve the study of nursing leadership responsibilities in evaluation of care in relation to the Health Delivery System(s). Prerequisites: MG-301, Principles of Management and Departmental permission. Spring semester.

420 Nursing in Emergency-Trauma Situations (4 credits). Levels of nursing intervention will be studied as related to the various levels in the trauma sequence. Principles of acute care nursing practice are explored in theoretical and clinical settings and implemented in emergency and trauma situations. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Fall semester.

421 Perinatal Intensive Care Nursing (4 credits). Nursing requirements of the acutely ill pre and post-natal mother and the neonatal infant will be studied. Experiences will be offered the student to provide her with the opportunity to practice essential skills. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Fall semester.

450 Family Nurse Practice (4 credits). Skills and principles of the immediate care for an individual in an emergency situation are explored in a theoretical and clinical setting. The physiological and psychosocial aspects of emergency patient care are studied. The student will be provided the opportunity to become clinically competent in evaluating, initiating nursing care and referring as needed for the patient with a trauma, medical or psychiatric emergency that may occur in an ambulatory setting. Prerequisites: N-340, Concepts and Skills of Health Assessment; H-310, Methods in Clinical Laboratory Science, and Departmental permission. Fall semester.

451 Family Nurse Practice (4 credits). Skills and basic principle of primary health care for adults are explored in theoretical and clinical settings. Emphasis is on prevention and promotion of health care associated early detection of deviation from the normal range of health. Categories of chronic disease processes with the greatest rate of morbidity and mortality will be studied (e.g., cardiovascular disease, hypertension, cancer, diabetes, obesity, arthritis, C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are correlated in the learning experience. Prerequisites: N-340, Concepts and Skills of Health Assessment; H-310, Methods in Clinical Laboratory Science and Departmental permission. Fall semester.

460 Family and Community Health Practice (4 credits). Skills and basic principles of primary health care for families and in community group situations are explored in theoretical and clinical settings. Emphasis is on the impact of illness and interpersonal communications in family and group situations. The student will assist the group members with identification of strengths, alternative responses to stress to increase coping ability. Prerequisites: SO-240, Sociology of the Family and Departmental permission. Spring semester.

473 Change Agent, The Nurse's Role I (2 credits). The course will involve the exploration of program planning as an approach to change within the health care delivery system. Prerequisites: MG-305, Personnel Management and Departmental permission. Fall semester.

474 Change Agent, The Nurse's Role II (2 credits). The course will utilize educational and learning theories in staff development as methods of change within the health care delivery systems. Prerequisites: P-325, Educational Psychology and Departmental permission. Fall semester.

476 Change Process, The Nurse's Role I (2 credits). This course involves the implementation of management concepts-principles in initiating change within a health care agency. Prerequisites: Departmental permission. Spring semester.

477 Change Process, The Nurse's Role II (2 credits). The course will involve an in-depth study of nursing leadership responsibilities in a selected health care agency with involvement in the implementation of a planned change. Prerequisites: Departmental permission. Spring semester.

480 Senior Nurse Practicum—Family Nurse Practitioner (4 credits). This preceptorship is designed for the student as an intensive course of practice to synthesize her preparation as a Family Nurse Practitioner. The student is expected to develop and carry out a research project focused on patient outcomes related to the interventions of Family Nurse Practice. The clinical practice will be conducted as a preceptorship with co-supervision by a nurse educator and physician. The setting will include a family centered caseload in either rural or urban areas for the 8 week period. Prerequisites: Departmental permission. Spring semester.

490 Overview of Acute Care Nursing Research (3 credits). This course presents an overview of ideas of nursing research appropriate to professional nursing practice, including the identification and exploration of health care problems. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

492 Senior Nurse Practicum—Acute Care (4 credits). The purpose of this practicum is for the student to synthesize knowledge and perfect skills in a chosen area of acute care nursing. Prerequisites: Applied Physiology; N-312, Concepts and Skills of Health Assessment; Completion of at least two semesters; Departmental permission. Spring semester.

498 Professional Nursing Seminar (2 credits). Discussion of trends in leadership-management and their application to the delivery of Health Care. Spring semester.

RD RADIOLOGIC TECHNOLOGY

200 Introduction to Radiologic Technology (2 credits). Students will be introduced to the department of radiology in planned laboratory experiences. Special emphasis is placed on fundamental principles of communication, ethics, x-ray production, protection and patient care. Prerequisite: Admission to the program.

201 Clinical Practicum (1 credit). To be taken concurrently with RD 200.

204 Foundations of Radiologic Technology (3 credits). The course is designed to provide the student with the opportunity to acquire knowledge skills in radiographic image production and film processing, exposure factors, medical terminology and radiographic film quality. Prerequisite: RD 200.

205 Clinical Practicum (1 credit).

210 Basic Skeletal Positioning (2 credits). The course provides the student with the opportunity to practice skeletal positioning with radiographic, fluoroscopic, and mobile equipment. Film critique sessions will be an important part of this learning experience. Prerequisite: RD 200 and RD 204.

211 Clinical Practicum (1 credit). To be taken concurrently with RD 210.

220 Head and Visceral Positioning (2 credits). Radiographic positioning of the skull sinuses, mastoids, and viscera will be taught and special projections of these anatomical areas will be discussed. Film critique will be used as an important tool in teaching this course. Prerequisite: RD 210.

221 Clinical Practicum (1 credit). To be taken concurrently with RD 220.

230 Radiographic Quality (1 credit). Formulation of radiographic techniques and an in-depth study of latent and manifest image formation, using student demonstration and practice involving the principles of film quality. Prerequisite: RD 200 and RD 204.

240 Technique and Exposure (1 credit). Devices and accessories which control, influence and enhance the radiograph will be discussed in detail. Students will learn how to convert the technical factors involved in the production of an image and to critique films in regards to these factors. Laboratory experiences will provide practice in these procedures. Prerequisite: RD 210 and RD 230.

250 Radiographic and Topographic Anatomy (1 credit). The course identifies the anatomical landmarks in relation to visceral structures. The human anatomy as it appears on a radiograph will constitute a major portion of this study. Prerequisite: RD 200 and RD 204.

251 Clinical Practicum (1 credit). To be taken concurrently with RD 250.

260 Special Radiographic Procedures (2 credits). Specialized and highly technical procedures in radiography are surveyed. Skills in nursing and surgical procedures will be presented. Prerequisite: RD 210, RD 230, and RD 250.

Upper Division

310 Positioning and Film Critique (2 credits). Radiographic positioning for examinations where contrast media is used will be taught in both a classroom and laboratory setting. Skills and techniques required in radiography of the pediatric patient are included. Radiographs will be analyzed in relation to positioning, exposure, and identification. Prerequisite: RD 220 and RD 240.

311 Clinical Practicum (1 credit). To be taken concurrently with RD 310.

320 Advanced Positioning (2 credits). This course is designed to increase the student's knowledge and understanding of special radiographic problems. Prerequisite: RD 310 and RD 330.

321 Clinical Practicum (1 credit). To be taken concurrently with RD 320.

330 Radiation Therapy and Nuclear Medicine (2 credits). The principles, aims and techniques of applying ionizing radiation to the human body are studied. The use, care, dosage, and physical properties of most radioactive elements and radionuclides are taught. Prerequisite: RD 240, RD 250, and Physics.

350 Medical and Surgical Diseases (2 credits). The patient with medical problems and the effect of pathology on film will be discussed to improve the technical ability of the student. Prerequisite: RD 220, RD 240, and RD 260.

Radiologic Technology Clinical Practicum. Supervised experience within the hospital Radiology Department with opportunities to perform all routine diagnostic procedures. In addition, time is provided for experience in vascular procedures, radiation therapy, nuclear medicine, and emergency procedures. Prerequisite: Admission to the program.

275 (6 credits).

285 (6 credits).

375 (6 credits).

385 (8 credits).

395 (8 credits).

RT RESPIRATORY THERAPY

201 Respiratory Therapy Cardiopulmonary Physiology (3 credits). The course provides a background in normal physiological functions of the pulmonary and circulatory systems. Prerequisite: Core course of first year Respiratory Therapy program. Two lectures, 1 laboratory period. Spring semester.

205 Advanced Respiratory Therapy I (9 credits). The course provides advanced study and clinical practice in concepts of airway management, cardiopulmonary resuscitation, emergency procedures and long term ventilation in a hospital setting. Instruction in the care and maintenance of equipment used in clinical practice will be provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 201. Fall semester.

210 Respiratory Therapy Theory and Clinical Practice (6 credits). The study of gas, aerosol, and humidity therapy techniques as used in the hospital. Drug Therapy related to these techniques is presented. Instruction on care and maintenance of equipment used in clinical practice is provided. Five lecture and 5 lab periods. Prerequisite: Admission to the Respiratory Therapy program. Summer.

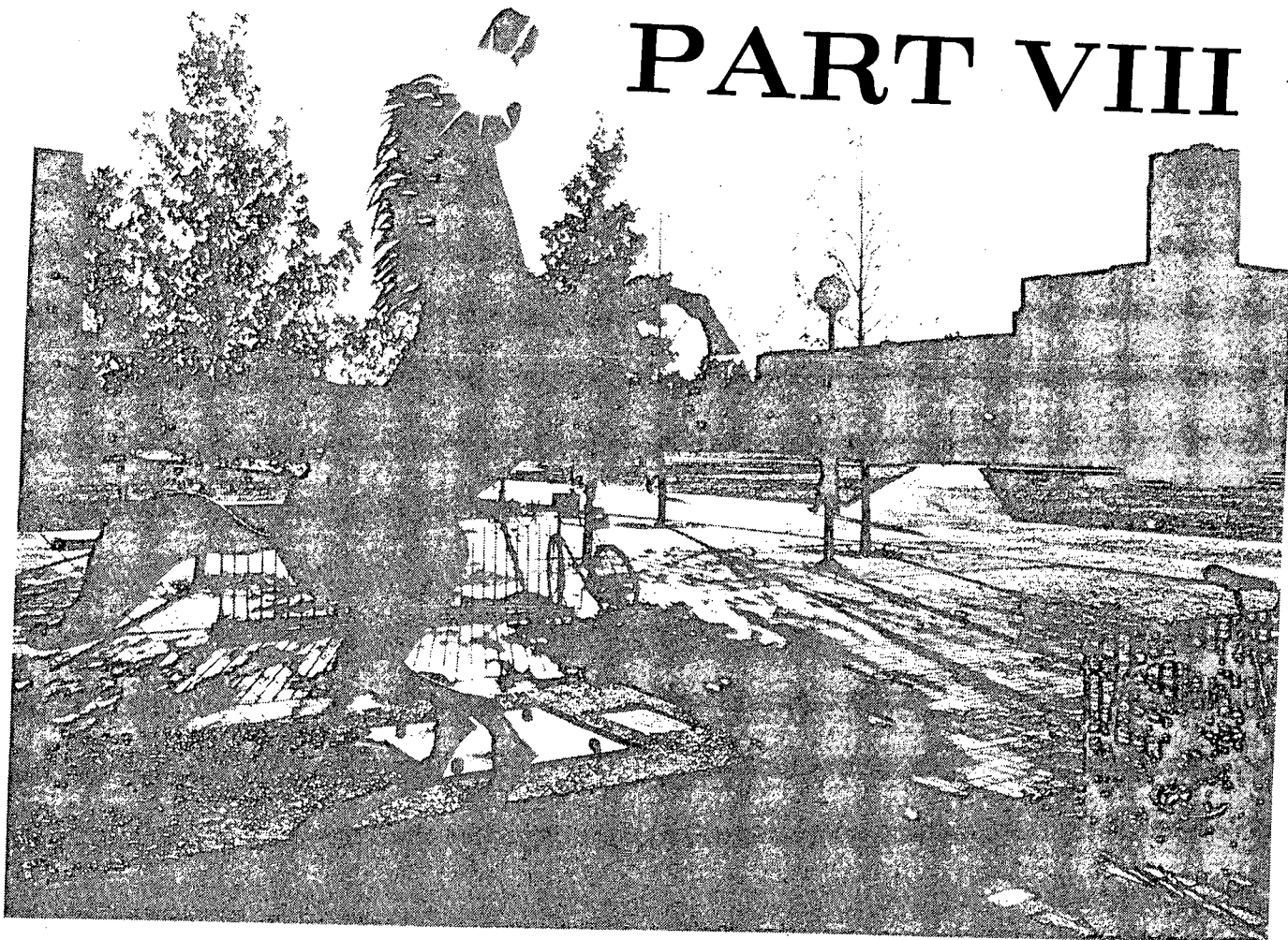
221 Advanced Respiratory Therapy (12 credits). The course provides advanced study and clinical practice in gas analysis spirometry, long term ventilation, pulmonary function, and pathophysiology in a hospital setting. Prerequisites: RT 205 and RT 201. Spring semester.

298 Respiratory Therapy Professional Seminar (3 credits). Focuses on the ethics and medico-legal aspects of administering a Respiratory Therapy Department. In addition, the problems of budgeting, facilities, personnel, in-service education, record systems, and interdepartmental relations are considered. Prerequisite: RT 205 or consent of instructor. Spring semester.





PART VIII



Graduate School

Dean: Kenneth M. Hollenbaugh, Ph.D.

Graduate Program Coordinators

Business:

Assistant Dean, School of Business: J. G. Doss, M.S.

Education:

Associate Dean, School of Education: Clyde Martin, Ed.D.

Public Administration:

Chairman, Political Science Department: Wil Overgaard, Ph.D.

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Arts in Elementary Education, Master of Arts and Master of Science in Secondary Education, and Master of Public Administration.

Areas of Emphasis

The Master of Arts in Elementary Education includes three areas of emphasis: (1) Curriculum in Education; (2) Curriculum in Reading Education; and, (3) Curriculum in Education - Core Enriched. Specifics for each emphasis are included within the School of Education section of the Bulletin.

The Master of Arts/Science in Secondary Education includes an emphasis in each of the following areas: (1) Art; (2) Business Education; (3) Chemistry; (4) English; (5) Geology; (6) History; (7) Mathematics; (8) Music; and, (9) Theatre Arts. Specifics for each emphasis are included within the subject sections of the Bulletin.

The Master of Public Administration degree program has 3 areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

THE GRADUATE FACULTY

Ordinarily, the Graduate Faculty are also members of the faculty of a department in one of the schools — Arts and Sciences, Business, or Education.

GENERAL INFORMATION FOR GRADUATE STUDENTS

Application for admission to the graduate programs or general graduate study as an unclassified graduate may be made at any time. It is recommended, however, that at least two months before the first enrollment, the Admissions Office will have received the application for admission and transcripts of all undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State University Admissions Office by the Registrar of the college or university which the applicant previously attended. For that purpose the applicant should communicate with the Registrars concerned and then allow them sufficient time to process and mail the transcripts.

All documents received by the University in conjunction with such applications for admission become the property of Boise State University. Under no circumstances will they be duplicated, and the original returned to the applicant or forwarded to any agency or other college or university.

Students who hold a Bachelor's or higher degree and enroll at BSU are classified as graduate students by the registrar.

For Admission to the Graduate School

A student may be admitted to the Graduate School at Boise State University when the following admissions criteria have been met:

1. The applicant has earned a Bachelor's degree from an accredited institution, or furnishes proof of equivalent education.
2. The applicant has maintained a grade point average which meets the minimal requirements of the School in which he wishes to enroll. Student interested in graduate work in business are directed to page 107; education students should see page 127.
3. Completion of the predictive examination required by the department as listed under departmental criteria. Students interested in graduate work in business are directed to page 85 education students should see page 100.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.

Special Status Classification

Persons who feel qualified to profit from graduate courses may enroll in these under "Special Status" provided all of the following conditions are met:

1. There is space available in the class.
2. The instructor, after counseling the applicant, is satisfied that he can profit from the course.
3. The student signs a waiver form which states that he understands that he has not been admitted to graduate school; that there is no commitment to accept his special status credits toward a degree, if he should be admitted.

4. No more than nine credit hours taken in special status may be included in any graduate degree program at BSU without waiver by the graduate dean upon recommendation by the school or department in which the student will work.

Graduate Status Classifications For Matriculated Students

Applicants may be admitted to the Graduate School under three classifications.

Regular Status: The student has been admitted with full graduate status into a graduate degree program and has received official institutional notification to this effect.

Provisional Status: An applicant may be admitted to the Graduate School with provisional status if the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve (12) credits of approved study.

Unclassified Status: An applicant whose academic record indicates that he is qualified to study on the graduate level, but who is not pursuing a graduate degree program, may be admitted to the Graduate School in an unclassified status. Credit for such work must be approved by the department or academic unit concerned, after a review of the proposed program of study has been made. This status is intended for students seeking some definite educational objective related to but distinct from the MBA or MA degrees. Students not seeking a graduate degree but who desire graduate level independent study, internship or similar credits are placed in this category.

Graduate Courses for Undergraduate Credit

Boise State University "seniors" may take up to two 500 level courses for upper division credit applied to their bachelors degree program. The necessary permit forms are available through the Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purposes of this policy is left to the graduate dean.

Graduate Credit for Seniors

A Boise State University senior with the approval of the department in which he plans to work and the Graduate Dean may enroll for graduate credit during his senior year insofar as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Admissions Office, and the office of each dean. Credits earned in this manner are "reserved" to count toward a graduate degree at BSU.

Scholarship Requirements

Academic excellence is expected of students doing graduate work. A student whose academic performance is not satisfactory may be withdrawn from the degree program by the Dean of the Graduate School upon the recommendation of the department or academic unit concerned.

To be eligible for a degree in the Graduate School, a student must achieve a grade point average of "B" (3.00) or better in all work, exclusive of deficiencies; specifically included in his program of study. No grade below "B" may be used for any 300 or 400 level courses in a graduate program. Grades below "C"

cannot be used to meet the requirements of a graduate degree. Grades on transfer work will not be included in computing grade point average.

Repeat, Retake Policy

A student who earns a grade of "D" in a graded 500 series course at Boise State University may include no more than one repeated course toward a master's degree program. A sequence graded as a single unit (like TE-570, 571) will be counted as one course, one repeat, for the purposes of this policy. A student who earns a grade of "F" may not count a retaken course toward any master's degree program at Boise State University.

This rule implies that a student who gets an "F" in a required core course in the MA program—(TE-570, 571) is automatically excluded from further master's degree work. *With a "D" in one of these courses there is a single chance of redemption.

* Any F in any course in the MBA program will be cause for immediate dismissal.

Credit Requirements

A minimum of thirty (30) semester credits of course work approved by the graduate student's supervisory committee is required. More than thirty (30) semester credits may be required in certain programs.

Supervisory Committee Assignment

Upon admission of the applicant with regular graduate status, a supervisory committee, consisting of a chairman and other faculty members, will be appointed by the department fielding the program. This supervisory committee or the advisor, as determined within each degree program of study, will establish with the student a program of study, direct any thesis or graduate projects, and administer his final examination(s).

Students admitted with provisional status will be assigned a temporary advisor who will be responsible for building a tentative program of studies. This advisor will guide the student with respect to meeting the stipulations of the provisional admission. Once the provisional stipulations have been satisfactorily met by the student, the department concerned will recommend to the Dean of the Graduate School that the student be admitted with regular graduate status.

Residence Requirements

A minimum of twenty-one (21) semester credits of approved graduate work taken on the university campus is required. This requirement does not apply to students enrolled in any inter-institutional cooperative graduate program offered jointly by BSU and the other Idaho Universities.

Transfer of Credits

A maximum of nine (9) semester graduate credits taken at other institutions may be transferred for credit toward a Master's Degree provided the courses are an acceptable part of the program of study planned by the student's supervisory committee. Such courses must have been taken in an accredited college or university. Only courses with "A" or "B" grade may be transferred to Boise State University for application to a graduate degree. In general, the transfer of extension credits is discouraged. Exception may be made by departments after a detailed examination of the specific courses taken. No correspondence courses will be accepted for graduate credit. All appropriate graduate work taken through inter-institutional cooperative graduate programs, if approved by the schools fielding the program, can be accepted as residence credit.

Time Limitations

All work offered toward a master's degree from Boise State University must be completed within a period of seven (7) calendar years. The seven (7) year time interval is to commence with the beginning of the oldest course (or other academic experience) for which credit is offered in a given master's degree program, and the interval must include the date of graduation when the master's degree from Boise State is given.

Challenge Policy

The provisions of the challenge policy stated in the catalog section, Admission Requirements to the College under subsection *Challenging Courses - Granting Credit by Examination* (see page 5) apply to graduate courses. In particular, the decision to allow or not to allow challenges will be made by the department fielding the course to be challenged. For interdisciplinary courses, the decision will be made by the school officer in charge of the graduate program to which the course applies.

Foreign Language Requirements

Language requirements are determined by the department concerned. If a foreign language is required, the student must demonstrate that he possesses a reading knowledge of a language specified by the department.

Thesis Requirements

The requirement of a thesis or similar project is determined by the department or interdisciplinary unit concerned. The final copy of the thesis must be reviewed by the student's supervisory committee and submitted to the Dean of the Graduate School at least three (3) weeks before commencement.

Candidacy

A student should apply for admission to candidacy and graduation as soon as he has completed twelve (12) hours of graduate work with a grade point average of at least 3.00 in an approved graduate program of study, has removed all listed deficiencies, and has met any specified foreign language requirements.

Candidacy involves specifying — on the appropriate form — the list of courses and projects which comprise the students program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's committee or advisor and be approved by the Dean of the Graduate School.

Program Development Form

Graduate students in **Regular or Provisional Status** will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall, or spring) in which they take graduate work at Boise State University, after having been notified of admission in Regular or Provisional Status.

This rule does not apply to students admitted in **Unclassified Status**, nor does it apply to **Special Status Classification** students (these are admitted only to Boise State University and not to the Graduate School) because these students are not candidates for a graduate degree.

The Program Development Form will be available from the schools offering graduate degree programs. The advisor or committee will file the Program Development Form with the graduate school upon completion. Each change in program must be completed by filing a new Program Development Form showing the changes from the previous form.

Changes in the Program Development Form, prior to admission to candidacy, are made by the student's committee or advisor, as determined within each degree program, and approved by the Dean of the appropriate school.

Any courses being offered as transfer credit, as credit reserved, or as residence credit through any inter-institutional cooperative program must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date

Final Examination Requirements

The requirement of a final examination, written, oral, or both, in any non-thesis non-project program is optional with the

GRADUATE SCHOOL

department or interdisciplinary unit which fields the student's program. When the examination is required, it is administered by the unit concerned. The dates for these examinations are set by the Graduate School once each semester and summer session. They are listed in the calendar of the BSU Bulletin. A student is not eligible to apply for the final examination until he has been admitted to candidacy (filed the candidacy and graduation form).

Failure in the examination will be considered terminal unless the supervisory committee recommends, and the Dean of the Graduate School approves, a re-examination. Only one re-examination is permitted. At least three months must elapse before a re-examination may be scheduled.

The requirement of a final examination in defense of any thesis or project is optional with the department or interdisciplinary unit concerned. When required, a final examination in defense of the thesis or project must be conducted at least three weeks before commencement. On a final oral examination in defense of a thesis or project, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination(s) is made through the office of the dean of the school fielding the program.

Application for Predictive Examinations

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination.

Education students are not required, at the present time, to take a predictive examination and consequently have no need to make application for taking the predictive examination.

Students wishing to pursue graduate study in Business Administration should contact the Office of the Dean, School of Business, Boise State University, to secure the forms necessary to make application for taking the predictive examination called the ATGSB. Every effort should be made to take the ATGSB as soon as possible because students will not be given program status before the ATGSB results are reported. Courses taken before the student is admitted (i.e. "Special status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently.

Credit Limitation in Courses Graded Pass or Fail and Independent Study

599—Conference and Workshop

A maximum of three (3) credits earned with a grade of P will be allowed toward the credit requirements for a master's degree at Boise State University.

596—Independent Study

Master's programs at Boise State University may include independent study credits, at the discretion of the graduate student's supervising committee or professor, through a limit of semester or session. The school of business has a limitation 3 credits Internship and/or Independent Study for MBA students.

Elementary Education with Core Enrichment

The curriculum in Elementary Education with Core Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area. Various departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.

Limitations on Student Course Loads

Graduate students seeking to take courses for graduate

credit only in the evening or only in the early morning and in the evening (due to full-time day employment) may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule will not be granted by the Dean of the Graduate School without the explicit recommendation of the dean of the school responsible for the student's program.

Course Numbering System

Courses numbered 500 and above are intended primarily for graduate students. The number designates the educational level of the typical student in the class i.e., he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given g or G designation to carry graduate credit. The department or school concerned will have the right to limit the number of g or G credits which can count toward any degree for which it has responsibility, and in no case can more than one-third of the credits in a degree program be in courses at the 300 and 400 level. No course numbered below 500 carries graduate credit unless the letter G or g is affixed.

A department or school which uses g and G designations will use them to have the following significance:

1. g courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for students both in the department or school, and for other students as well.

APPLICATION FOR GRADUATE DEGREE

The last step in completing a graduate program consists of arranging for final record checking. To accomplish this, one completes the form entitled *Application for Graduate Degree* which can be obtained from the Admissions Office or from the Dean of Business or Education. Arrangements to order cap and gown for the graduation ceremony may be completed at the bookstore at the time of filing this application form.

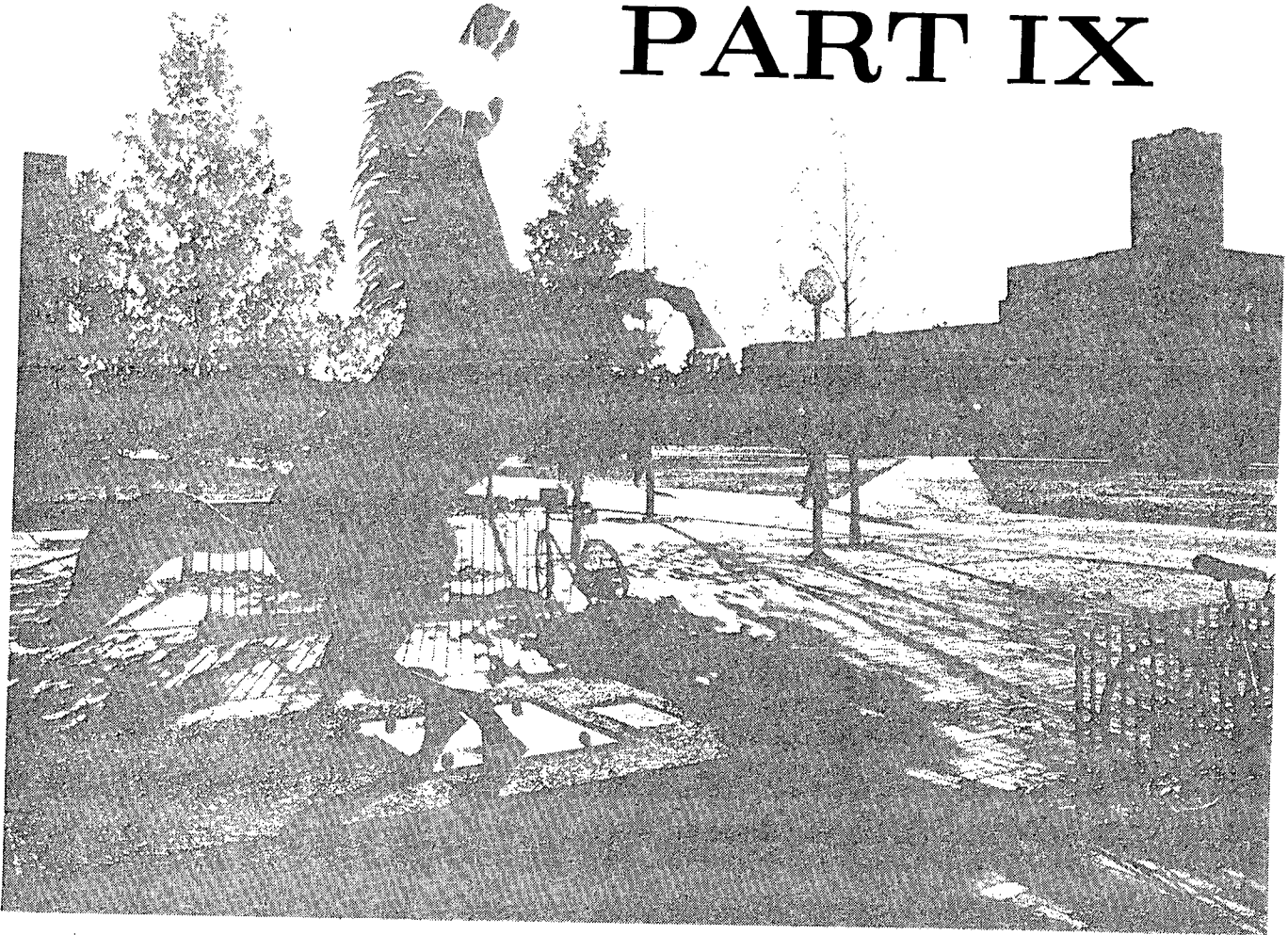
University-Wide Numbering of Graduate Offerings:

- 580-589 Selected Topics
- 590 Practicum
- 591 Project
- 592 Colloquium
- 593 ~~Research~~ & Thesis
- 594 Extended Conference or Workshop (Graded A-F)
- 595 Reading and Conference
- 596 ~~Independent Study~~ Directed Research
- 597 Special Topics
- 598 Seminar
- 599 Short-Term Conference or Workshop (Graded Pass or Fail). This number is available in any semester or session for courses meeting three (3) weeks or less.

Course listings and descriptions for graduate and undergraduate courses available for graduate credit can be found in the departmental listings of courses.



PART IX



Area Vo-Tech School

Director: Gilbert McDonald Miller
Assistant Director: Glen Linder

Vocational Counselor:
Callies, Quinowski, Trimble

Adult Basic Education:
Huff

Adult Program Coordinator:
Rodgers

Air Conditioning, Heating, and Ref.
Tucker

Auto Body:
Curtis, *Emeritus*: Trapp

Auto Mechanics:
Fuerher, Haydon, King, *Emeritus*: Fleshman, Snell

Child Care Services:
Correll, Lingenfelter

Dental Assisting:
MacInnis

Drafting Technology:
Burkey, Leigh, Watts, Weston

Electrical Lineman:
Waugh

Electronics:
Cofield, LaRue, Millard

Food Service:
Hoff, Smith

Heavy Duty Mechanics — Diesel
Alonzo, Warner

Horticulture:
Griffith, Oyler

Industrial Plant Maintenance:
Arambarri

Machine Shop:
Baggerly, Clarkson *Emeritus*: Hager

VOCATIONAL TECHNICAL SCHOOL
Horticulture Service Technician

Mid-Management:
Knowlton, Scudder, Lane

Office Machine Repair:
Houston, Jones

Office Occupations:
Potas, Trumbo, Wardbaugh

Operating Room Technology:
Curtis

Parts Counterman:
Lamborn

Practical Nursing:
Blank, Bowers, Chafee, Oliver, Watts

Related Instruction:
Olson, Scholes, Tennyson, Tompkins *Emeritus*: Krigbaum

Small Engine Repair:
Schroeder

Welding:
Buchanan, Ogden

OBJECTIVES OF VOCATIONAL EDUCATION

To provide the opportunity for state and local citizens to acquire the education necessary:

(a) To become employed, to succeed, and to progress in a vocational-technical field.

(b) To meet the present and anticipated needs of the local, state, and national economy for vocational-technical employees.

(c) To become contributing members of the social, civic and industrial community.

Curriculum Changes:

Curriculum changes may be made at any time with the approval of the Curriculum Committee to meet the needs of industry.

Admissions Requirements:

Application materials may be obtained from the Director of Admissions Office, Boise State University.

(a) To fully matriculate a student must have on file in the Admissions Office: a completed application, \$10 fee, and physical exam.

(b) Educational Background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent by the institution(s) directly to the Vocational Technical School.

(c) Aptitude Test: Contact the nearest local office of the Department of Employment and request a General Aptitude Test Battery to be taken and request that the office send the results directly to the Vocational-Technical School, Boise State University, Boise, Idaho 83725.

(d) Pay \$75 advance registration fee. This fee will apply on the regular registration fee.

(e) Personal Interview: A personal interview is required.

(f) High school graduation is recommended but is not required to enter a vocational or technical program, provided one has been out of high school *one* complete semester.

the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields. Credits in this course of study are not counted towards an academic degree.

		1ST SEM.	2ND SEM.
FRESHMAN YEAR:			
HO 101-102	Horticulture Laboratory	5	5
HO 111-112	Communication Skills	3	3
HO 131-132	Related Basic Mathematics	3	3
HO 141-142	Related Basic Science	2	2
HO 151-152	Horticulture Theory	5	5
		<hr/> 18	<hr/> 18
SOPHOMORE YEAR:			
HO 201-202	Horticulture Laboratory	5	5
HO 241-242	Related Science	2	2
HO 251-252	Horticulture Theory	5	5
HO 262	Occupational Relationships	2	—
HO 271	Individual Project	—	3
MM 213	Credits and Collections	—	2
MM 101	Salesmanship	3	—
		<hr/> 17	<hr/> 17

COURSES

HO HORTICULTURE SERVICE TECHNICIAN

101 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application to include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climatic and other factors limiting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include methods of plant propagation; construction of growing containers and houses; arrangements and implementation of entire greenhouse operation; the use of insecticides, pesticides, etc., and precautions necessary during use.

111-112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, two semester, credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics (3 credits). First semester — developing comprehension of the basic principles of mathematics. Specific areas include addition, subtraction, multiplication, division, fractions, percentage, denominate numbers, square root, mensuration. Second semester — developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered to include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc. Three clock hours per week.

141-142 Related Basic Science (2 credits). First semester — developing comprehension of the scientific principles utilized in: (1) plant identification, (2) plant growth and development, (3) limiting factors, (4) soils. Second semester — developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides. Two clock hours per week.

151-152 Horticulture Theory (5 credits). First semester — developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classifications and growth, (3) climate and other growth limiting factors, (4) soil and soil amendments. Second semester — developing comprehension, analysis, and evaluation of the following: plant propagation (sexual); growing containers; insect and disease control. Seven clock hours per week.

VOCATIONAL

Two Year Programs

HO HORTICULTURE SERVICE TECHNICIAN—CURRICULUM

(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and greenhouse industries. This includes both the production, sales and service areas of these major fields. The training stresses, the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of

201 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete, block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

202 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

241 Related Science (2 credits). Developing comprehension of the scientific principles utilized in: (1) plant growing and; (2) materials of construction.

242 Related Science (2 credits). Developing comprehension of the scientific principles utilized in: (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory (5 credits). Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing, i.e. greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops; (4) first aid. Seven clock hours per week.

252 Horticulture Theory (5 credits). Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture, i.e. mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc; (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds. Seven clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

271 Individual Projects (3 credits). Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticulture project.

MS MACHINE SHOP

The machinist's course consists of shop work and related instruction in the use of hand and machine tools together with classroom instruction in problems and technical information related to the trade. Credits in this course of study are not counted toward an academic degree.

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
MS 101, 102 Machine Shop Laboratory	8	8
MS 111 Communication Skills	—	3
MS 121, 122 Related Blueprint Reading	2	2
MS 151, 152 Related Theory	6	3
	<hr/>	<hr/>
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
MS 201, 202 Advanced Machine Shop Laboratory	8	8
MS 231 Related Basic Mathematics	6	—
MS 232 Related Advanced Math	—	8
MS 262 Occupational Relationships	2	—
	<hr/>	<hr/>
	16	16

COURSES

MS MACHINE SHOP

101, 102 Machine Shop Laboratory (8 credits). The course covers safety, good shop practice, good work habits, and production rates. The set-up and operation of the lathes, milling machines, drill presses, shapers, power saws, grinders, bench work, layout, and the use of special attachments. Twenty laboratory hours per week each semester.

111 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, two semester, credit course designed to maximize personal involvement.

124-125 Related Blueprint Reading (2-2 credits). A study of the principles and techniques of reading blueprints as applied to the Machine Shop. The mathematics of fractions, decimals and angular dimensions will also be studied. The sketching and drawing of actual shop type prints will enable the student to better understand the techniques used in the reading of Machine Shop blueprints. 4 hours per week lecture and lab.

151, 152 Related Theory (6-3 credits). This course provides the knowledge necessary for the machinist student to understand the machining processes and their appreciation as practiced in the laboratory course. Safety and good shop policy are emphasized in all phases of instruction. The set-up, care and maintenance of the machine tools as well as the theory of measuring tools, metal cutting, selection of metals, tool design, coolants, allowance and tolerance, and production methods. Related mathematics as applied to set up, indexing benchwork, speeds and feeds, layout measuring increments, and metallurgy will also be studied. First semester: MS 151, 6 hours per week. Second semester: MS 152, 3 hours per week (Prerequisite: MS 151).

201, 202 Advanced Machine Shop Laboratory (8 credits). The set-up and operation involving manipulative training and increased skill in the use of lathes, milling machines, drill presses, shapers, power saws, tools and cutter grinder, surface grinder, heat testing, hardens testings, layout, inspection, tracer lathe, and numerical control mill set-up, operation and programming. Twenty laboratory hours per week each semester. Prerequisite: Machine Shop Laboratory MS-102.

231 Related Basic Mathematics (6 credits, 1st semester). A study of fractions, decimals, the metric system and uses of tables as applied to the machine shop. Also basic algebra and geometry as applied to the machine shop. 8 clock hours per week.

232 Related Advanced Mathematics (8 credits, 2nd semester). A study of trigonometry and geometry as applied to shop problems and the mathematics needed for numerical control machining. A study of scientific principles required in the machinist trade is also studied. 10 clock hours per week. Prerequisite: Related Basic Math MS 231.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, non-graded, credit course.

W WELDING

The welding curriculum is designed to provide two levels of training. The first year will provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
W 101-102 Welding Lab	8	8
W 111 Welding Communications	3	—
W 131-132 Related Basic Math	3	3
W 151-152 Welding Theory	2	2
W 262 Occupational Relationships	—	2
	<hr/>	<hr/>
	16	15
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
W 201-202 Welding Lab	8	8
W 212 Shop Management	3	—
W 231-232 Related Advanced Math	3	3
W 241-242 Welding Science	4	4
	<hr/>	<hr/>
	18	15

COURSES

W WELDING COURSES

101-102 Welding Laboratory (8 credits). This course covers oxyacetylene burning by manual and automatic methods; oxyacetylene welding and brazing; arc welding using mild steel and low alloy steel electrodes in all positions; continuous wire feed welding processes; and submerged arc welding processes. The successful completion of this phase of the program will prepare the student for employment as a production welder or to take the second year of the program. Twenty clock hours per week each semester.

111 Welding Communications (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, one semester, credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics (3 credits). Basic review of addition, subtraction, multiplication and division of fractions, decimals and mixed numbers with application to basic blueprint reading, layout problems, framing square and weld symbols.

151-152 Welding Theory (2 credits). This course provides the knowledge necessary for the welding student to understand the welding processes and their appreciation as practiced in the laboratory course. Safety is emphasized in all phases of instruction.

VOCATIONAL TECHNICAL SCHOOL
Business Machine Technology

The set-up, care and maintenance of oxyacetylene equipment as well as the theory of oxyacetylene burning, welding and brazing is studied. Arc welding equipment and methods are studied with the selection of electrodes for welding of mild and low alloy steels. Continuance feed and submerged arc welding processes are covered. Four hours per week both semesters.

201-202 Advanced Welding Laboratory (8 credits). Pipe welding in the horizontal and vertical fixed positions. Heliarc and semi-automatic inert gas welding of similar and dissimilar metals and exotic metals. Stress relieving and heat treatment of metals. Twenty clock hours per week each semester. Prerequisite: Welding Laboratory W-102.

212 Shop Management (3 credits). This course covers shop safety, determining welding cost, for job, quality control and installation and maintenance of equipment. Three clock hours per week.

231-232 Related Advanced Mathematics (3 credits). Blueprint reading, layout and design, fitting layout and details. Basic Algebra, Geometry, blueprint reading, layout and design. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics W-132.

241-242 Welding Science (4 credits). First semester — Study of the basic metallurgy properties of metals and tests to determine their uses; the iron carbon diagram and the part carbon plays in the production of steel. Second semester — Study of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code and Procedures. Operators' qualifications; heat treatment of steels, testing and inspection of welds, behavior and influences of alloys in irons, steels and exotic metals, thermal curves, freezing alloys, structural composition, changes in the solid state and carbide precipitation and its effect on the chrome steels. Weldability of these metals.

262 Occupational Relationships (2 credits). Techniques for obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

143-144 Related Electronic Theory (4 credits). The study of electronics as applied to business machines including math. First semester: Ohms Law with applied math, formulas, graphs, volt-ohm-meters, ammeters and introduction to schematics including discrete component identification. Second semester is a continuation of 143 with more emphasis on related math and logic circuits. An introduction to oscilloscopes and their use as related to business machines. 5 clock hours per week.

145-146 Related Electronic Laboratory (2 credits). This is an application of BM 143 and 144 with an addition of soldering, de-soldering, parts identification, construction of a multimeter, use of meters, oscilloscopes, and with practical application of related schematic reading. 5 clock hours per week.

151-152 Business Machine Technology Theory (7 credits). This is a hands on theory course in business machines. The student is issued business machines and is taught basic concepts of parts movements as well as use of proper tools, removal and replacement of parts, tool safety, shop practice's and customer relations. He is taught how to read and understand factory manuals. 10 hours per week.

201-202 Advanced Business Machine Laboratory (4 credits). A self-paced workshop where student is able to practice concepts taught in BM 251 and BM 252 with special emphasis on troubleshooting, adjustments, quality control, and the use of special test equipment including multimeters and oscilloscopes. 10 clock hours per week.

243-244 Advanced Digital Electronics (2 credits). Binary concepts, basic logics. Boolean algebra using gates, shift registers, clocks, encoders, decoders, delay line, memories as these pertain to business machines. Prerequisite: BM 143-144. 2 clock hours per week.

251-252 Advanced Business Machines Theory (6 credits). This is a hands on type theory course in which the student is taught basic concepts of Business Machines including: adders, calculators, copy machines, electronic business machines and duplicator processes with troubleshooting techniques. Also taught is shop management and related selling techniques. 10 clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

TECHNICAL

Two Year Programs

BM Business Machine Technology

The course and outline in Business Machine Technology has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. This is a two-year course and credits are not counted toward an academic degree.

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
BM-101-102 Business Machine Lab	4	4
BM-143-144 Related Elect. Theory	4	4
BM-145-146 Related Electronics Lab	2	2
BM-151-152 Rel. Basic Theory	7	7
	<hr/>	<hr/>
	17	17
SOPHOMORE YEAR:		
BM-201-202 Adv. Business Machine Lab	4	4
BM-243-244 Adv. Digital Electronics	2	2
BM-251-252 Adv. Business Mach. Theory	7	7
BM-262 Occupational Relationships	—	2
BM-111 Communication Skills	3	—
	<hr/>	<hr/>
	16	15

CHILD CARE STUDIES (Supervisor)

This curriculum is planned for people interested in working as a supervisor in private day care centers, play grounds, camps, nurseries, kindergartens, and child development centers.

Day Care Supervisor (18 Month Program)

The graduate will assist with or operate a day care center which provides for physical care, emotional support and social development of children in groups.

This two year course will provide students with the opportunity to direct children's play, provide food, supervise workers, and manage resources in a nursery school setting. Completion of the program defined as Child Care Assistant is a prerequisite to the supervisor level program.

	1ST SEM.	2ND SEM.
DAY CARE ASSISTANT:		
CC-101 Introduction to Child Development	3	—
CC-151 Introduction to Child Development	—	3
CC-111-112 Communication Skills	3	3
CC-141 Health and Care of the Young Child	2	—
CC-171-172 Curriculum of the Young Child	3	3
CC-181-182 Child Care Laboratory	3	3
CC-125-126 Contracted Field Experiences in Early Childhood Programs	1	1
CC-135-136 Planning and Evaluation of Laboratory Exper.	2	2
	<hr/>	<hr/>
total credits	17	16

COURSES

BM BUSINESS MACHINE TECHNOLOGY

101-102 Business Machine Laboratory (4 credits). A self-paced workshop where the student is able to practice concepts taught in BM 151 and 152 with special emphasis on dismantling, cleaning, oiling, adjusting, and quality control of business machines. 10 clock hours per week.

111 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, one semester, credit course designed to maximize personal involvement.

	1ST SEM.	2ND SEM.
DAY CARE TEACHER/SUPERVISOR:		
CC-251-254 Advanced Child Care	3	3
CC-231-232 Child Care Center Management	2	2
CC-252 Family and Community Involvement with Children	3	—
CC-261 Occupational Relationships	—	2
CC-241-242 Feeding Children	2	2
CC-201-202 Child Care Center Supervision	3	3

CC-225-226 Contracted Practicum in Early Childhood Supervision	2	2
CC-235-236 Planning and Evaluation of Child Care Center supervision	1	1
total credits	16	16

COURSES

CC CHILD CARE

101 Introduction to Child Development (3 credits). A beginning study of child growth and development, the individual needs of children, and an understanding of the methods of guidance and discipline for preschool children.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

125-126 Contracted Field Experience in Early Childhood Programs (1-1 credits). Individual contract arrangement involving student, instructor and cooperating community agency to gain practical experience in off-campus settings. The student will visit, observe, and participate in community child care settings.

135-136 Planning and Evaluation of Laboratory Experience (2-2 credits). Classroom lecture and discussion to include lab observation and records as a basis for developing curriculum and guiding child behaviors, methods of curriculum planning and evaluation, activity plans, classroom objectives, and staff performance and relations.

141 Health and Care of the Young Child (2 credits). Safety practices in child care centers, basic nutrition, and general health education necessary for working with children will be stressed. The teacher's health and well-being as it affects children with whom she is working will be covered. Required in the course of study will be the Red Cross multi-media first-aid emergency training. In compliance with state licensing regulations a Tuberculin test is also required.

151 Introduction to Child Development (3 credits). Studies of guidance and discipline will be continued, along with some techniques of handling behavior problems in the nursery school. Classroom structures, theories of preschool instruction, and methods of nursery school teaching will be included.

171-172 Curriculum of the Young Child (3-3 credits). Introduction to the curricula media suitable for preschool children. The course will include the theories of teaching young children in the preschool environment; the need for a curriculum in nursery school; the importance of children's play; and specific information and material in the following areas: creative art, books and story telling, music and rhythms, environmental science, and beginning number and letter recognition.

181-182 Child Care Laboratory (3-3 credits). Observation and participation in the laboratory preschool. Students in this course will participate directly with children assuming the role of aide and assistant teacher. The student will plan and carry out a variety of daily activities and attend staff meetings. Students will become acquainted with the curriculum, classroom arrangement, daily schedules, child guidance, and responsibilities of staff personnel.

201-202 Child Care Center Supervision (3-3 credits). Observation and participation in the laboratory preschool. This course is designed to enable to student to gradually assume responsibility for the total child care operation under the supervision and consultation of the instructor. Students will assume the role of head teacher in a child care center planning the curriculum, coordinating and supervising staff responsibilities, conducting staff meetings, and planning daily and weekly schedules. Students will explore the use of various techniques for observing and recording the behavior of young children in preparation for child evaluations and parent-teacher conferences.

225-226 Contracted Practicum in Early Childhood Programs (2-2 credits). By permission of instructor. A course designed to meet specific needs of the student as determined by both the student and instructor. A practical application of knowledge and skills in community child care settings. Individual contract arrangement involving student, instructor and cooperating agency to gain practical experiences in off-campus settings.

231-232 Child Care Center Management (2-3 credits). This course is designed to give the student a basic knowledge needed for the operation of a child care center as a business. Business arithmetic, record-keeping (financial, operational, staff, etc.), purchasing of equipment, materials and supplies, and employer-employee relationships will be stressed. Bookkeeping practices for an actual day care center will be included.

235-236 Planning and Evaluation of Child Care Center Supervision (1-1 credits). Classroom lecture and discussion to include management of child care programs, methods for supervising staff, child guidance techniques, curriculum and staff evaluations, methods of working with parents, daily classroom management, and curriculum development to meet specific needs of individual children.

241-242 Feeding Children (2-2 credits). The nutritional requirements of preschool children will be emphasized. The course is designed to help the student plan, purchase, prepare and serve nutritious snacks and meals to children in child care centers. Studies will include diet plans for sick children, handling food allergies, and the development of positive mealtime attitudes. Emphasis will also be placed on the economics of good nutrition for a child care center.

251-254 Advanced Child Care (3-3 credits). History and background of child care in the United States will be studied, and a study will be made of the types and kinds of child care centers suitable for young children that are present in the Boise area. Also covered will be the qualifications of the teacher and/or supervisor for day care centers. Second semester studies will emphasize infant day care, work with exceptional children, and qualifications needed for kindergarten aides. Some knowledge of kindergarten curriculum will also be stressed.

252 Family and Community Involvement with Children (3 credits). The students will be given a basic understanding of the history and dynamics of family interaction, as affected by the rapid social and technological changes taking place today. Also studied will be the social, economic and ethnic factors as they affect the family's capacity to function. This will include the basic concepts of family decision making, the setting of goals and determining family and personal values. A study will be made of cultural life styles and emphasis will be placed on the need for establishing effective relationships with parents and co-workers. Community resources and resource-persons will be considered as to their value to families, child care centers and the people who will be operating the centers.

261 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

PT PRE-TECHNICAL — SEQUENCE

This is a one-semester pre-technical sequence for those students who lack the recommended prerequisite courses deemed necessary to compete, complete and succeed in a regular vocational-technical curriculum, and is offered as a refresher course for those students who have had an excessive period of time elapse since their last formal schooling.

	CREDIT EQUIV.	HOURS PER WEEK
PT-010 Blue Print Reading and Basic Mechanical Drawing	3	10 hours (2 Lec. 8 Lab.)
PT-020 Intro. to Tech. Communications	3	3 hours Lec.
PT-030 Intro. to Tech. Mathematics	4	5 hours Lec.
PT-040 Science Survey	4	5 hours Lec.
PT-050 Technical Orientation	1	2 hours Lec.
Totals	15	25 hours

The above non-credit courses are open to all students entering the technical programs in Boise State University.

The above sequence is offered every semester, as student pressure demands and will allow admittance in the spring as well as the fall semester.

COURSES

PT PRE-TECHNICAL

010 Blueprint Reading and Basic Mechanical Drawing (3 credit equiv.). An introductory course in blueprint reading, sketching and drafting methods and procedures. Ten hours per week-lecture-lab.

020 Introduction to Technical Communications (3 credit equiv.). A survey course of communication systems, use of technical libraries, forms, reports and technical language, word usage, spelling and proper form emphasized. Three hours per week lecture.

030 Introduction to Technical Mathematics (4 credits equiv.). Survey and review of mathematic principles and methods. Uses of mathematics in technical fields with practical examples of application. Five hours per week-lecture.

040 Science Survey (4 credit equiv.). Review of science as related to technical industry with practical problems and applied solutions. Five hours per week-lecture.

050 Technical Orientation (1 credit equiv.). A survey course of the technical industry with several field trips and visits from representatives from various concerns that employ technicians. Three hours per week-lecture.

DRAFTING TECHNOLOGY

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architectural firms with a technician well trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting Technology curriculum is open to both male and female students. All courses are taught each semester, so that students may enter at the beginning of any regular semester.

VOCATIONAL TECHNICAL SCHOOL
Electronics

Credits	
First Semester	
DT 101 Drafting Lab and Lecture	4
DT 111 Communication Skills	3
DT 131 Mathematics	5
DT 141 Science	3
DT 153 Manufacturing Processes	2
Second Semester	
DT 102 Drafting Lab and Lecture	4
DT 112 Communication Skills	3
DT 122 Introduction to Surveying	3
DT 132 Math	4
DT 142 Science	3
Third Semester	
DT 201 Drafting Lab and Lecture	4
DT 221 Descriptive Geometry	3
DT 231 Applied Mathematics	3
DT 241 Statics or DT 242 Strength of Materials	4
DT 253 Design Orientation	2
Fourth Semester	
DT 202 Drafting Lab and Lecture	4
DT 222 Technical Report Writing	2
DT 232 Applied Mathematics	3
DT 242 Strength of Materials or DT 241 Statics	4
DT 262 Occupational Relationships	2
*DT 263 Specialized Graphics	2

* or approved elective

DT DRAFTING TECHNOLOGY

- 101 Drafting Laboratory and Lecture** (4 credits). Mechanical Drafting with basic drafting techniques, standards, and methods. 15 clock hours per week.
- 102 Drafting Laboratory and Lecture** (4 credits). Architectural drafting with tension, compression and bending; introduction to limited structural design. Four clock hours per week. Prerequisite: DT 132.
- 111, 112 Communication Skills** (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester, credit course designed to maximize personal involvement.
- 122 Surveying** (3 credits). Introduction to surveying, methods and computation. Required field work, with emphasis on compiling data and office computation. 4 clock hours per week. Prerequisite or corequisite with DT 132.
- 131 Mathematics** (5 credits). Fundamentals of algebra with an introduction to trigonometry and the use of the slide rule. Prerequisite: satisfactory grade in high school algebra or equivalent. Five clock hours per week.
- 132 Mathematics** (4 credits). Advanced algebra and trigonometry, closely integrated with drafting, surveying and science. Prerequisite: DT 131 or equivalent. Four clock hours per week.
- 141 Applied Physics** (3 credits). A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids.
- 142 Applied Physics** (3 credits). Course in the basic principles of heat, sound, light, electricity, and magnetism, correlated with technical mathematics DT-132. Four clock hours per week. Prerequisite: DT-141.
- 153 Manufacturing Processes** (2 credits). A survey of materials, machine, tools, production methods, and quality control methods. Three clock hours per week.
- 201 Drafting Laboratory and Lecture** (4 credits). Civil drafting, mapping, highway curves, and earthwork. Fifteen clock hours per week. Prerequisite: DT 122, DT 132, DT 102.
- 202 Drafting Laboratory and Lecture** (4 credits). Structural drafting terminology, structural and reinforcing steel specifications and drawing practice. Prerequisite: DT 201, DT 221. Fifteen clock hours per week.
- 221 Descriptive Geometry and Development** (3 credits). Theory and practice of coordinate projection applied to the solution of properties of points, lines, planes and solids with practical drafting application. Four clock hours per week.
- 222 Technical Report Writing** (2 credits). A course to provide an understanding and practice in the processes involved in technical writing and methods of preparing report based on problems related to the student's curriculum. Two clock hours per week.
- 231 Applied Mathematics** (3 credits). Solution of practical problems involving concepts from DT 131 and DT 132 Math. Prerequisite: DT 132. Four clock hours per week.
- 232 Applied Mathematics** (3 credits). Prerequisite: DT 231. Four clock hours per week. Application and expansion of mathematics, statics and strength of materials. Related to lab projects.
- 241 Statics** (4 credits). Introductory course in statics with emphasis on analysis of simple structures. Four clock hours per week. Prerequisite: DT 132.

242 Strength of Materials (4 credits). Analysis of stress and strain in torsion, tension, compression and bending; introduction to limited structural design. Four clock hours per week. Prerequisites: DT 132.

253 Design Orientation (2 credits). A lecture-laboratory course designed to provide an opportunity for the student to apply theory, principles and methods to the solution of problems typical of those to be encountered in practice. Three clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationships issues of shop and office. One semester, nongraded, credit course.

263 Specialized Graphics (2 credits). An intensive study of perspective and rendering as used in industrial illustration, and architectural rendering and civil engineering graphics. Lecture-laboratory. Three clock hours per week.

ET ELECTRONICS — CURRICULUM

The Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in manufacturing, field troubleshooting, and research and development.

Credits in these courses of study are generally not counted toward an academic degree.

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
ET-101-102 Electronics Laboratory	2	2
ET-104 Digital Computer Programming	—	2
ET-111-112 Communication Skills	3	3
ET-121 Electronic Drafting	1	—
ET-131-132 Basic Electronics Math	4	4
ET-141 Basic Physical Science	2	—
ET-151-152 Electronic Theory	5	5
ET-171-172 Circuit Analysis	3	3
	<hr/> 20	<hr/> 19
SOPHOMORE YEAR:		
ET-201-202 Adv. Electronic Laboratory	5	5
ET-231-232 Advanced Electronic Math	3	3
ET-241-242 Advanced Electronic Science	3	3
ET-251-252 Advanced Electronic Theory	2	4
ET-262 Occupational Relationships	2	—
	<hr/> 17	<hr/> 20
ET-271-272 Digital Electronics	2	2
ET-281 Digital Systems Design	—	3
	<hr/> 17	<hr/> 20

COURSES

ET ELECTRONICS

- 101 Electronics Laboratory** (2 credits). Study of basic electricity, color code, test equipment, L.CjR. components, basic semiconductors. Ten hours laboratory per week.
- 102 Electronics Laboratory** (2 credits). A continuation of ET-101. Basic radio receiver analysis, and basic amplifiers, printed circuit design and processing, logic circuits. Prerequisite: Electronics Laboratory ET-101. Ten hours laboratory per week.
- 104 Digital Computer Programming** (2 credits). Course for Electronics majors to introduce programming principle and logic. Consideration given to input-output, arrays, functions, prerequisite ET-131 or equivalent. 2 clock hours per week.
- 111, 112 Communication Skills** (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester, credit course designed to maximize personal involvement.
- 121 Electronic Drafting** (1 credit). Directed study designed to instruct the student in the practice of drawing schematics, good engineering lettering techniques, block-diagramming, flow diagnosis, and understanding symbols, dimensions and designs. 1 clock hour per week. (Pass-Fail)
- 131-132 Basic Electronics Mathematics** (4-4 credits). First semester — Review of basic fundamentals of mathematics, algebra, geometry, and basic trigonometry. Second semester — A continuation of first semester, logarithms, and an introduction to analytical geometry. The course will prepare the student for calculus. Five clock hours per week.

COURSES

141-142 Basic Physical Science (2 credits). This course is designed to acquaint the electronics technician with the basic principles of chemistry, mechanics, heat, sound, light, nuclear physics and magnetism. 2 clock hours per week.

151 Electronics Theory (5 credits). The theory of basic electricity, color code, test equipment, L. C. and R. components: transistors, vacuum tubes and an introduction to logic circuits. Five clock hours.

152 Electronics Theory (5 credits). A continuation of ET 151 with an emphasis placed on the function of the components, studied first semester, into systems in this course. These systems include basic amplifiers, AM receivers and logic circuits. Special emphasis is placed on transistor circuit and design. Five clock hours per week.

171-172 Circuit Analysis (3 credits). The purpose of this course is to immediately get the beginner into practical circuits of electronic type and let him see that all the theoretical materials covered do have application. This has two purposes: to get him involved with useful circuits and schematic symbols and to make him employable at lower levels than electronic technician if his withdrawal from the program becomes necessary. This course advances to solid state electronic circuitry as ET 151-152 gets to this point. Both semesters the student is expected to analyze, debate, and report on circuits he is seeing for the first time. 5 clock hours.

201, 202 Advanced Electronic Lab (5 credits). These courses would follow the same description as ET 251-252 (Theory) but would be concerned with the test, measurement, and calibration of those circuits covered during theory. 10 clock hours.

231, 232 Advanced Electronic Math. (3 credits). Differential and Integral calculus is covered on a continuing basis both semesters. Starting with limits, basic differentiation, trigonometric functions, logarithmic functions and basic differential equations. 3 clock hours.

241, 242 Electronics Science (3 credits). The application of the electro-electronics principles, to the measurement and control of the physical properties of heat, light, sound, etc. Prerequisite: ET 141 3 clock hours per week.

251, 252 Advanced Electronic Theory (2 credits/1st semester, 4 credits 2nd semester). Is the study of RF, AM, FM, PM and TV the first semester. The course is not designed to make consumer electronic repairmen of these students but these devices are readily available and the circuits are analyzed from a technical standpoint. The "if this symptom changes that" approach is not the goal of the course. Second semester is the study of solid state industrial control devices; unijunctions, diacs, triacs, SCR's, operational amplifiers, and power amplifiers. In both semesters, analysis of circuits never seen before is highly stressed. 1st semester - 3 clock hours, 2nd semester - 5 clock hours.

282 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

271, 272 Digital Electronics (2 credits). Binary concepts, basic logics, boolean algebra, counters, adders, basic computer circuits, second semester advanced concepts and analytical troubleshooting of digital devices. 2 clock hours per week.

282 Digital Systems Design (3 credits). Concepts of boolean algebra, logic components; combinational and sequential circuit analysis and synthesis; number systems. Spring semester only. Prerequisite ET-271 and consent of instructor. 3 clock hours per week.

FT FOOD SERVICE TECHNOLOGY

FIRST SEMESTER

Course No. and Title	Credits
FT-151 Food Theory and Techniques	5
FT-111 Communicative Skills	2
FT-131 Applied Mathematics	2
FT-101 Food Presentation Systems & Techniques	4
FT-262 Occupational Relationships	1
FT-141 Basic Nutrition	2

THIRD SEMESTER

FT-231 Restaurant Accounting & Office Procedures	3
FT-221 Catering & Beverage Control	3
FT-201 Baking	3
FT-202 Restaurant Management	5
FT-241 Specialty Cooking	2

FOURTH SEMESTER

FT-251 Advertising & Promotion	2
FT-252 Demonstration Methods	2
FT-203 Field Work	10
FT-222 Seminar	2
Total	16

FT FOOD SERVICE TECHNOLOGY

101 Food Presentation Systems & Techniques (4 credits). This course covers the practical side of handling prepared food, bus and set tables, wait on tables, dining room etiquette, dishwashing room and cashing. We concentrate on a certain job if student desires one aspect only, such as dishwashing. This course also familiarizes the students with general safety and sanitation rules pertaining to the entire restaurant as those specifically required to use and maintain the equipment in both the dining room and kitchen. Fifteen clock hours per week.

102 Food Preparation Laboratory (6 credits). This course is designed to correlate the theory of department technical courses with actual large quantity food service practice in situations such as would be found in the food service industry. Twenty clock hours per week.

111 Communications Skills (2 credits). To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two credit course designed to maximize personal involvement. One semester nongraded, credit course.

121 Purchasing, Storing and Receiving (3 credits). The practices of food purchasing, both theory and practical application. Includes storage and handling as well as food standards. This covers proper store room procedures, issuing, and record keeping dealing with vendors and salesmen, and product cutting and testing. Three clock hours per week.

131 Applied Mathematics (2 credits). A review of fundamental mathematical operations used in a food establishment. Converting and costing standard formulas, guest checks, weights and measurements and business forms. Three clock hours per week.

133 Business Math and Machines (2 credits). Fundamental operations of arithmetic in relation to Foodservice Businesses. The student receives instruction on ten-key adding machines, calculators, etc.

141 Basic Nutrition (2 credits). Study of the fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

151 Food Theory and Techniques (5 credits). This class is to develop an understanding of the basic principles of cookery; skill and efficiency in preparation of % foods; an appreciation of high standards of production, efficient use of time and attractive sanitary service of foods, an appreciation for the care and safe use of utensils and equipment, harmonious and cooperative working habits, and to introduce the student to the use of large quantity equipment and to develop an understanding of the basic principles of cookery and also to gain knowledge of foods and their uses. Ten clock hours per week.

152 Menu Planning (3 credits). The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and production sheets will be studied to aid the student in writing successful menus. Two clock hours per week.

154 Food Standards (2 credits). The study of the factors to be considered when purchasing food. The use of certain factors when writing specifications for purchasing foods to meet the Standard set by their operations. How to cut costs regarding yield of specific grades of foods. This is a second semester course. Two clock hours per week.

201 Baking Laboratory and Theory (3 credits). Procedure and formulas used in industry bake shops. Preparation of bakery goods used at Boise Interagency Fire Center mess hall, including: dinner rolls, muffins, Danish pastry, sweet breads, cakes, dessert items both plain and fancy. Six clock hours per week.

202 Restaurant Management (5 credits). Students are taught in the management phase in both the front and back of the house by acting as student chef, purchasing manager, dining room manager and other supervisory jobs for the Boise Interagency Fire Center mess hall. Sixteen clock hours per week.

203 Field Work (10 credits). Student is placed in restaurant under supervision of Chef. First to observe, then help, and finally do the production job while their paid employee observes. He does every position in the kitchen and/or dining room. Twenty-four clock hours per week.

221 Catering and Beverage Control (3 credits). Practical approach to catering food service banquets, covering theory in personnel duties, guarantees, menu pricing, function room profits, forms and controls. Orientation into Bar Controls and Techniques. Also, Wine History and sales.

222 Seminar (2 credits). Two clock hours per week.

231 Restaurant Accounting and Office Procedures (3 credits). A study of the function of the profit and loss statement through the use of the balance sheet, income statement, payroll reports, sales income, time cards, records, reports, Federal, State and Social Security taxes, paychecks and figuring percentage of sales. Three clock hours per week.

241 Specialty Cooking (2 credits). This includes fine pastries, sugar work, tallow carving, ice carving, etc. Also, methods of cooking with wines and Brandies.

251 Advertising and Promotion (2 credits). This course covers the history and basic programming of advertising in relationship to the Food Service Industry. It also coordinates food merchandising and promotion towards increased sales volume. A fourth semester course. Two clock hours per week.

252 Demonstration Methods (2 credits). This course gives the student an opportunity to practice the demonstration technique. An opportunity to observe critically a number of demonstrations, and an opportunity to judge objectively the work of others. A fourth semester course. Two clock hours per week.

262 Occupational Relationships (1 credit). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

**MM FASHION MERCHANDISING
—MID-MANAGEMENT**

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Business	3	—
Salesmanship	3	—
Clothing	3	—
Business Math/Machines	3	—
Clothing Selection	—	2
Textiles	—	3
Elements of Management	—	3
Principles of Accounting	—	2
Mid-Management Work Experience	2	—
Elective	—	—
	<u>17</u>	<u>16</u>

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Introduction to Marketing	3	—
Fashion Analysis and Design	2	—
Professional Speech Communication	2	—
Retail Buying	3	—
Mid-Management Work Experience	2	2
Report Writing	3	—
Principles of Retailing	—	3
Visual Merchandising	—	3
Supervision of Personnel	—	3
Elective	—	5
	<u>15</u>	<u>16</u>

MM MARKETING — MID-MANAGEMENT

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Business	3	—
Business Mathematics/Machines	—	3
Salesmanship	3	—
Principles of Accounting	—	3
Merchandise Analysis	—	3
Mid-Management Work Experience	2	2
Elements of Management	3	—
Professional Speech Communication	2	—
Elective	—	2
	<u>16</u>	<u>16</u>

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Introduction to Marketing	3	—
Principles of Retailing	—	3
Principles of Economics	3	—
Visual Merchandising	—	3
Report Writing	3	—
Supervision of Personnel	—	3
Retail Buying	3	—
Credit and Collections	—	2
Mid-Management Work Experience	2	2
Elective	2	3
	<u>16</u>	<u>16</u>

MM MARKETING, MID-MANAGEMENT—Courses
Course offerings are described in Part V.

VOCATIONAL

One Year Programs

AB AUTO BODY — 11 Month Program

The Auto Body curriculum is designed to provide the student with the background necessary for employment in a shop repairing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure and finish are covered in this course. Some basic glasswork and frame

alignment work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

SUBJECT COURSE NO. AND TITLE	Fall	Spring	Summer
AB-121-122-123 Auto Body Lab	10	10	7
AB-141-142-143 Auto Body Theory	7	5	5
AB-262 Occupational Relationships	—	2	—
	<u>17</u>	<u>17</u>	<u>12</u>

COURSES

AB AUTO BODY

121-122-123 Auto Body Laboratory (10-10-7 credits). The purpose of these courses is to develop and give practice in the skills needed by an auto body repairman. Subjects covered include the following: orientation, safety rules, shop house-keeping, oxy-acetelene welding, painting fundamentals, metal working and shrinking, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement. Twenty-five hours laboratory per week.

141-142-143 Auto Body Theory (7-5-5 credits). This course correlates with the auto body laboratory course. The theory of auto body repair and painting is covered. Mathematics and science necessary for and related to the trade are taught. Ten hours lecture summer and Fall. Eight hours lecture Spring per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationships issues of shop and office. One semester, nongraded, credit course.

AM AUTO MECHANICS 11 Month Program

The modern developments in our enormous automotive industry demand the employment of highly skilled mechanics, well-trained in maintenance and repair techniques. This course provides the basic background and experience necessary for employment in the automotive mechanics field and allied vocations

SUBJECT COURSE NO. AND TITLE	Fall	Spring	Summer
AM-101-102-103 Automobile Lab	10	10	10
AM-151-152-153 Automotive Theory	5	5	5
AM-262 Occupational Relationships	2	—	—
	<u>17</u>	<u>15</u>	<u>15</u>

COURSES

AM AUTO MECHANICS

101 Automotive Laboratory (10 credits). This course correlates with the Automotive Theory course No. 151. In this phase of the automotive course the student is instructed in the overhauling and repairing of the engine and all internal parts. This phase of the training is on live work which gives the students the advantage of learning under actual working conditions they will encounter in the field. Checking and repairing steering suspension, and wheel alignment is also included. Shop safety, cleanliness, and management are taught 25 hours per week.

102 Automotive Laboratory (10 credits). This course correlates with Automotive Theory AM 152. It is designed to train students in testing and repairing all electrical system. The fuel system and carburetion are covered as well as the ignition system. This includes step by step procedure in automotive tune-up test equipment. This phase of training is mostly live work. Twenty-five hours per week.

103 Automotive Laboratory (10 credits). This course correlates with Automotive Theory course AM 153. Shop practice in automobile powertrains and brake systems. Includes garage practices, experiments, trouble-shooting, proper diagnosis and repair of units in the shop on mockup units and live work on automobiles. Includes practice, care and safety of special equipment, machines and service tools. Shop safety, cleanliness and management are covered. Twenty-five hours per week.

151 Automotive Theory (5 credits). The theory of the design, construction, maintenance and repair of automotive engines and fuel systems are studied in detail through the use of textbooks, manuals, visual aids, and lectures. Ten hours per week. Spring and Summer. Eight hours per week Fall.

152 Automotive Theory (5 credits). This course relates the construction and operation of each of the subjects given in the laboratory course AM 10.2. Ten hours per week Spring and Summer. Eight hours per week Fall.

VOCATIONAL TECHNICAL SCHOOL
One Year Program

153 Automotive Theory (5 credits). Classroom study of the theory of the design, construction purpose and repair of the powertrain and brake systems by discussion, lecture, textbooks, visual aids and manufacturers' manuals and pamphlets. Ten hours lecture Summer and Spring. Eight hours lecture Fall per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

CHILD CARE STUDIES (Assistant)

9 Month Program

This curriculum is planned for people interested in working with children as an assistant in private, play grounds, camps, day care centers, nurseries, kindergartens, and child development centers.

Child Care Assistant (9 Month Program)

The graduate will be able to function effectively under supervision in caring for children's normal physical, emotional and social needs in group care centers, children's homes, hospitals, nurseries, and industry. This 9 month course will provide study of child growth, ways of working with children - infants, toddlers, and school age children and laboratory experience in a nursery school setting.

Entrance Requirements

Personal interest, interview, and aptitude testing.

DAY CARE ASSISTANT:	1ST SEM.	2ND SEM.
CC-101 Introduction to Child Development	3	—
CC-151 Introduction to Child Development	—	3
CC-111-112 Communication Skills	3	3
CC-141 Health and Care of the Young Child	2	—
CC-171-172 Curriculum of the Young Child	3	3
CC-181-182 Child Care Laboratory	3	3
CC - Contracted Field Experiences in Early Childhood Programs	1	1
CC - Planning and Evaluation of Laboratory Exper.	2	2
total credits	17	16

CC CHILD CARE STUDIES (Assistant)

Child Care Studies (Assistant) courses are described under Vocational Two-Year Programs.

DA DENTAL ASSISTANT—CURRICULUM

9 Month Program

The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State University works with the Dental Advisory Board in planning and promoting the program and curriculum. Changes may be made at any time to take advantage of advances in the Dental profession.

Entrance requirements: High School Diploma or Equivalency Certificate, acceptable scores on the G.A.T.B., personal interview and aptitude testing. Typing is a prerequisite. The dental assistance courses are taught by a dentist and a dental assistant instructor.

This is an accredited program by the Council on Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
DA-101-102 Dental Laboratory	4	3
DA-106 Dental Assisting Clinical Experience	—	3
DA-108 Dental Office Management	2	—
DA-109 Public Health and Dental Hygiene	2	—
DA-111-112 Communication Skills	3	3
DA-151-152 Dental Theory	4	3
DA-262 Occupational Relationships	—	2
CM-111 Fundamentals of Speech	3	—
PE-105 First Aid (Elective)	2	—
	20	14

COURSES

DA DENTAL ASSISTING

101-102 Dental Laboratory (4-3 credits). This course consists of practical laboratory training in manipulation of dental materials, instrumentation, sterilizing and care, pouring and trimming study models, custom trays, investing and casting, use of equipment and safety, and exposing and processing dental X-rays. Taken concurrently with DA 151-152. Fourteen clock hours per Fall semester. Six clock hours Spring semester.

106 Dental Assisting Clinical Experience (3 credits). Supervised chairside assisting experience in the private dental offices and hospital dental clinics. Sixteen clock hours per week.

108 Dental Office Management (2 credits). The fundamentals of business practices as related to dentistry including bookkeeping, appointment control, supply control, business correspondence, as well as credit and collection procedures. Two clock hours per week.

109 Public Health and Dental Hygiene (2 credits). This course deals with phases of health in which the student can aid in conserving the general and dental health of herself, her family and the community. It is concerned with such subjects as Federal and State Health Departments, preventive dentistry, communicable disease, degenerative disease, diet and nutrition, mental health and general health information. Two clock hours per week.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester, course designed to maximize personal involvement.

151-152 Dental Theory (4-3 credits). Comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time in ethics, professional relationships, patient education, dental anatomy, terminology, charting, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Seven clock hours per week Fall semester. Six clock hours per week Spring semester.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

DM HEAVY DUTY MECHANICS—DIESEL

11 Month Program

This program is designed to prepare students for employment as heavy duty mechanics in the trucking industry. Instruction will cover basics in design and fundamentals of operation of diesel and heavy duty gasoline engines as well as the other component parts of the truck. Instruction will be on mock-ups and live work in the shop.

SUBJECT COURSE NO. AND TITLE	Fall	Spring	Summer
DM-101-102-103 Diesel Lab	10	10	10
DM-151-152-153 Diesel Theory	5	5	5
DM-262 Occupational Relationships	—	2	—
	15	17	15

COURSES

DM HEAVY DUTY MECHANICS—DIESEL

101-102-103 Diesel Laboratory (10-10-10 credits). This course provides the laboratory application of principles covered in the theory class. Basic instruction will be on mock-ups and shop units but most experience will be in making actual repairs to live units.

VOCATIONAL TECHNICAL SCHOOL
One Year Program

151-152-153 Diesel Theory (5-5-5 credits). A study of the design, construction, maintenance and repair of trucks and diesel and heavy duty gasoline engines. Shop safety, care and use of tools, internal combustion engines, transmissions and power trains, cooling systems, fuel systems, electrical systems, suspension and hydraulic and air brakes will be studied.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

EL ELECTRICAL LINEMAN

11 month program

The Electrical Lineman curriculum provides the student with both field training and practical theory in all phases of power line installation and maintenance. The program is designed to produce a skilled apprentice lineman. In addition, the student will earn a completion card in the American Red Cross multi-media First Aid Course.

In the laboratory the student will work on real equipment such as transformers. In the field he will perform underground, overhead distribution, and construction and maintenance. The student will learn to work with all necessary tools and equipment of his craft with emphasis on safety at all times.

Credits in this course of study are not counted toward an academic degree.

COURSE NO. AND TITLE	FALL	SPRING	SUMMER
EL-101-102-103 Lineman Lab	10	10	10
EL-151-152-153 Lineman Theory	5	5	5
EL-262 Occupational Relationships	2	—	—
	17	15	15

COURSES

EL ELECTRICAL LINEMAN

101-102-103 Lineman Laboratory (10 credits). The field training consists of actual job experience in an "out-of-doors" school laboratory. It will cover climbing, setting and removing various sizes of poles, framing, guy work, use of conductors, transfers, transformers, streetlights, installation of services, tree trimming, and the use and care of safety equipment. 25 hours per week.

151-152-153 Lineman Theory (5 credits). The related theory for the Lineman Program conducted in the classroom and laboratory facility is so arranged to provide ample opportunity for acquaintance with the materials and hardware of the trade, while at the same time covering the theory of their use. An application of education basic to the trade will be emphasized with classes in electricity, blueprint reading, construction techniques, transmission, distribution systems, underground procedures, first aid and safety. 10 hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

OF OFFICE OCCUPATIONS

Open Entry - Open Exit

The Office Occupations curriculum is designed to assist the student to progress on an individualized basis to employment in one or more of the various classifications of office occupations. The length of the course will depend upon the individual's goals and abilities. A certificate will be awarded upon completion of the course.

Admission:

Entrance requirements: All Boise State College admissions requirements must be met. The General Aptitude Test Battery (GATB) score must be on file in vocational counseling office. A personal interview is required by a vocational counselor at the School of Vocational Technical Education before admission.

Classroom work includes instruction in typewriting, stenography, business communications, business mathematics and machines, machine transcription, filing, accounts receivable, accounts payable, bookkeeping, payroll accounting, office practice, vocabulary and spelling, employment search. There are various levels of these courses available. The student may be a

beginner or an advanced clerical trainee; therefore, there will be a variation of training time. The course curriculum is selected to meet the requirements of the individual's goals and abilities.

OR OPERATING ROOM TECHNOLOGY

9 Month Program

The Operating Room Technology Program, in cooperation with St. Alphonsus Hospital is approximately nine months in length and consists of daily practice in surgery and classroom instruction. A certificate will be awarded upon graduation from the course. Students are then eligible to take a certifying exam, which if passed, qualifies them as Certified Operating Room Technicians recognized by the Association of Operating Room Technicians and the Association of Operating Room Nurses and the American College of Surgeons.

Admission:

Entrance requirements: High School graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery. These tests are given at the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission. An advisory board recommends dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in basic sciences of anatomy and physiology, microbiology, sterilization, aseptic technique, instruction in the needs of humans in surgery, with emphasis on the operating room technician's part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

PC PARTS COUNTERMAN

9 Month Program

The Counterman Program is designed to familiarize the student with all phases of the Automotive parts business. A study of index systems, types of invoices, customer relations, refunding, refunding procedures and warranty adjustments will be covered. Emphasis and training on the use of catalogs, price sheets, and other related forms used in the parts industry are considered.

SUBJECT COURSE NO. AND TITLE	CREDITS	
	Fall	SPRING
PC-101-102 Parts Counterman Lab	10	10
PC-151-152 Parts Counterman Theory	5	5
PC-131 Related Basic Mathematics	2	—
PC-262 Occupational Relationships	—	2
	17	17

COURSES

PC PARTS COUNTERMAN—Courses

101-102 Automotive Parts Laboratory (10-10 credits). In the laboratory experience, the student will gain full understanding of the organization of a parts store. A "mock store" is established and operated on campus in conjunction with the Automotive Mechanics and Auto Body Programs. The Lab experience includes training for each particular type of dealership and jobber operation.

131 Related Basic Mathematics (2 credits). Basic arithmetic and a study of fractions, decimals and percentages are covered. Micrometer readings to ten one-thousandths of an inch are taught. The different types of discounting are fully covered.

151-152 Automotive Parts Theory (5-5 credits). Through the use of catalogs, manuals, visual aids and class lectures, theory and application of procedures are New methods such as microfilm readers are used in the theory portion of the class.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

PM INDUSTRIAL PLANT MAINTENANCE

9 Month Program

The Industrial Plant Maintenance Curriculum provides the student with both laboratory experience and practical theory. Theory instruction includes mathematics, basic electricity, blueprint reading, safety, hydraulics, welding, trouble shooting and other subjects related to the occupation.

Students will learn the use of the tools and of the trade, and the operation, lubrication, and adjustment of the machinery and equipment which they will maintain.

Credits in this course of study are not counted toward an academic degree.

COURSE NO. AND TITLE	FALL	SPRING
Industrial Maintenance Lab	10	10
Industrial Maintenance Theory	5	5
Occupational Relationships	—	2
	15	17

COURSES

PM INDUSTRIAL PLANT MAINTENANCE

121-122 Industrial Plant Maintenance Lab (10-10 credits). These courses provide the laboratory application of principles covered in the theory class. Students will learn the use of the tools of the trade, also the operation, lubrication, repair and maintenance of the machinery and equipment which they will maintain. 20 clock hours per week.

141-142 Industrial Plant Maintenance Theory (5-5 credits). These courses include the mathematics, basic electricity, blueprint reading, safety, and related instruction in trouble shooting and other subjects related to the occupation. 10 clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

PN PRACTICAL NURSING PROGRAM

12 Month Program

The practical nursing program, in cooperation with three hospitals, two nursing homes, the Idaho State School and Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital nursing experiences and classroom instruction. A certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them as Licensed Practical Nurses.

Admission:

Entrance requirements: High school graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and a pre-entrance test, which are given by the Department of Employment and Boise State University respectively. A complete medical and dental examination is required. The selection Committee recommends to the director candidates for the program after a personal interview. They also recommend dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in the needs of individuals in health and in sickness, with emphasis on the practical nurses' part in meeting these needs.

Clinical experience consists of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, new mothers and infants. Students are taken on field trips to specific health agencies in the community.

RH AIR CONDITIONING, REFRIGERATION, AND HEATING

11 Month Program

The Air Conditioning, Refrigeration, and Heating curriculum

offers laboratory experience, theory classes and related subjects, designed to prepare students for entry level jobs.

Emphasis will be on the servicing of commercial equipment and will cover all phases of knowledge necessary to repair the equipment.

The student will learn to work with tools and equipment with emphasis on safety at all times.

Credits in this program are not counted toward an academic degree.

COURSE NO. AND TITLE	FALL	SPRING	SUMMER
Air Conditioning Lab	10	10	10
Air Conditioning Theory	5	5	5
Occupational Relationships	2	—	—
	17	15	15

COURSES

RH AIR CONDITIONING, REFRIGERATION, AND HEATING

121-122-123 Air Conditioning, Refrigeration, and Heating Laboratory (10-10-10 credits). These courses provide the laboratory application of principles covered in the Theory class. Skills will be developed and practice will be given in these skills which will be needed by the service person. Different phases of air conditioning, refrigeration, and heating will be covered. 25 hours per week.

141-142-143 Air Conditioning, Refrigeration, and Heating Theory (5-5-5 credits). This course provides a basic understanding of the equipment and tools used on commercial equipment. Emphasis is on causes of break downs and the making of necessary repairs. Test equipment use and inspection of components such as relays, thermostats, motors and refrigerant lines are studied. 10 clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

SMALL ENGINE REPAIR

(Recreational Vehicles) 9 months

The Small Engine Program will include classroom and shop experience concerned with maintaining and repairing of a variety of two cycle and four cycle engines used on portable power equipment, e.g., lawnmowers, outboard motors, chain saws, rotary tillers and recreational vehicles. Training will emphasize the complete repair of all types of small engine equipment.

Credit in this course of study are not counted toward an academic degree.

COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
SE-101-102 SE Lab	14	14
SE-141-142 SE Theory	2	2
SE-262 Occupational Relationships	—	2
	16	18

COURSES

SE SMALL ENGINE REPAIR

101 Small Engine Laboratory (14 credits). This course will include application and instruction in the repair and overhaul of small engine units with emphasis on lawn and garden equipment. Twenty-five clock hours per week.

102 Small Engine Laboratory (14 credits). The repair and maintenance of recreational vehicles such as motorcycles, snowmobiles and outboard marine engines is emphasized. Twenty-five clock hours per week.

141 Small Engine Theory (2 credits). This course provides a basic understanding of the internal combustion engine and application of principles to two and four cycle engines. Fundamentals in carburetors, electrical and basic circuitry is covered. Eight clock hours per week.

142 Small Engine Theory (2 credits). This course includes instruction on the repair and maintenance of power train, auxiliary clutching, trouble shooting, fuels, exhaust and engine tune-up. It includes the theory of marine engines and chain saws. Eight clock hours per week.

262 Occupational Relationships (2 credits). Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

VOCATIONAL TECHNICAL SCHOOL

Other Programs

W BASIC WELDING 9 Month Program

The welding curriculum is designed to provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
W 101-102 Welding Lab	8	8
W 111 Welding Communications	3	—
W 131-132 Related Basic Math	3	3
W 151-152 Welding Theory	2	2
W 262 Occupational Relationships	—	2
	<hr/> 16	<hr/> 15

W BASIC WELDING — Courses

Basic Welding courses are described under Vocational Two-Year Programs. See page 123.

PRE-VOCATIONAL TRAINING

Pre-vocational education for vocational students or adults who have not completed high school is offered through the Vocational Technical School. The courses include adult basic education, preparation for the high school equivalency certificate, adult guided studies, and approved high school courses in American Government, Mathematics, English, Social Studies and Natural Science. Classes are determined according to individual needs of the students. Classes are approved by the State of Idaho and for veterans qualifying under Chapter 34, Title 38, U.S.C. (Var 14253 A2).

A special guided studies program for adults has been developed to help upgrade skills, to help adults prepare to better jobs and to prepare for better jobs and to prepare for or further vocational training.

APPRENTICESHIP AND TRADE EXTENSION

Through cooperative arrangements with the State Board for Vocational Education, Boise State University Vocational Technical School sponsors a wide range of trade extension training for beginning, apprentice and journeyman workers. Such courses are designed to meet the specific needs of industry, labor, agriculture, and government. Classes usually meet in the evening. Flexibility of scheduling, content, place of meeting is maintained in order to meet the growing educational needs of the community. Typically, though not invariably, such courses provide related technical training for those workmen receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotives, Nursing and Farming.

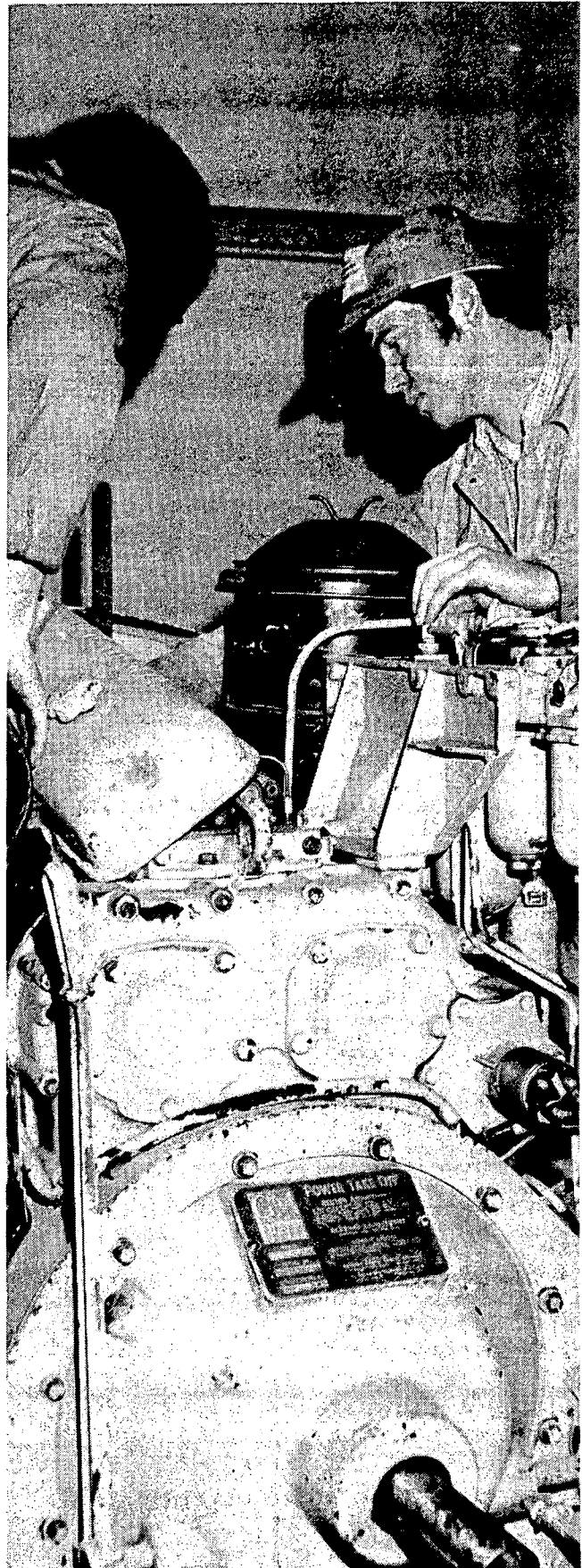
Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State University School of Vocational-Technical Education. Phone: 385-1974.

ADULT BASIC EDUCATION — No Credit

This program offers classes in basic arithmetic, reading, English and speaking skills for people who are performing below a twelfth grade academic level. Preparation for United States citizenship, beginning reading for adults, and English as a second language for non-English speaking people are offered through the Adult Education Program.

HIGH SCHOOL EQUIVALENCY (GED PREPARATION) — No Credit

The High School Equivalency Program is a course designed for people who are performing below a twelfth grade academic level. This program is designed to help people prepare for their high school Equivalency Test (GED).



Boise State Full-Time Faculty

January, 1976

(The date in parenthesis is the year of first appointment)

A

- LOUISE ACKLEY, *Assistant Professor of English* (1969)
A.B., Northwest Nazarene College; M.A., University of Washington.
- ROBERT T. ADKINS, *Associate Professor of Marketing and Mid-Management* (1975)
B.B.A., University of Chattanooga; M.B.A., Stanford University.
- DOROTHY ALBERTSON, *Associate Professor of Office Administration* (1953)
B.S. (Ed.), University of Nebraska; M.A., College of Idaho; State University College of Plattsburg, New York; University of Idaho; University of Denver.
- JOHN W. ALLEN, *Assistant Professor of Physics* (1971)
B.A., Willamette University; M.A., Ph.D., Harvard University.
- ROGER H. ALLEN, *Associate Professor of Business Administration* (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.
- RUDY N. ALONZO, *Instructor in Vocational Technical Education* (1976)
- ROBERT M. ANDERSON, *Associate Professor of Mathematics* (1970)
B.S., Utah State University; Ph.D., Michigan State University.
- DAVID C. ANDRESEN, *Assistant Professor; Acquisitions Librarian* (1971)
B.A., M.A., M.L.S., University of Washington.
- JAMES K. APPLGATE, *Assistant Professor of Geophysics* (1973)
Geophysical Engineer, M.S., Ph.D., Colorado School of Mines.
- GARY D. ARAMBARRI, *Instructor in Vocational Technical Education* (1976)
- E. BARRY ASMUS, *Associate Professor of Economics* (1971)
B.S., M.S., Colorado State University; Ph.D., Montana State University.
- STEVEN F. BAGGERLY, *Instructor in Machine Shop* (1968)
Diploma, Boise Junior College.
- J. KAREN BAICY, *Assistant Professor of Nursing* (1975)
B.S., University of Maryland; M.N., UCLA.
- CHARLES W. BAKER, *Professor of Biology* (1968)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.
- RICHARD BAKER, *Assistant Professor of Sociology* (1973)
B.A., M.A., University of Wyoming; Ph.D., Washington State University.
- JOSEPH A. BALDASSARRE, *Instructor of Music* (1975)
B.M.E., Baldwin Wallace College.
- JOHN B. BALDWIN, *Associate Professor of Music* (1971)
B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.
- RICHARD N. BALL, *Assistant Professor of Mathematics* (1974)
B.A., University of Colorado; M.A., Ph.D., University of Wisconsin.
- RICHARD C. BANKS, *Associate Professor of Chemistry* (1968)
B.S., College of Idaho; Ph.D., Oregon State University.
- JOHN B. BARNES, *Professor of Education, President* (1967)
B.A., M.A., University of Denver, Ed.D., University of Wyoming.
- GWYNN BARRETT, *Professor of History* (1968)
B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.
- ROSALYN O. BARRY, *Assistant Professor of Communication* (1975)
A.A., Stephens College; B.A., College of Idaho; M.S., Northwestern University.
- WYLLA BARNNESS, *Associate Professor of Psychology* (1968)
A.B., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.
- PAUL W. BEALS, *Assistant Professor of Teacher Education and Library Science* (1975)
A.B., Northwest Nazarene College; M.Div., Nazarene Theological Seminary; M.A., Scarrett College; Ph.D., George Peabody College for Teachers, Vanderbilt University.
- KATHRYN I. BECK, *Assistant Professor of Social Work* (1972)
B.A., Washington State University; M.S.W., Florida State University.
- ROBERT P. BEHLING, *Assistant Professor of Accounting and Data Processing* (1974)
B.A., Colgate University; M.Ed., University of Portland; M.B.A., Boise State University; Ph.D., University of Northern Colorado.
- JOHN L. BEITIA, *Associate Professor of Education* (1970)
A.A., Boise Junior College; B.S., North Dakota State College; M.A., Idaho State University; Ed.D., Utah State University.
- H. WILLIAM BELKNAP, *Associate Professor of Biology* (1959)
B.A., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.
- JOHN H. BEST, *Professor of Music* (1947)
B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzel; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute and Toho School, Japan.
- CAROL JEAN BETTIS, *Assistant Professor, Assistant Librarian* (1970)
B.S. in Chemistry, A.M.L.S., University of Michigan.
- LYNN E. BEVILL, *Assistant Professor of Teacher Education and Library Science* (1975)
B.A., University of Tulsa; M.Ed., University of Oklahoma.
- JOHN PATRICK BIETER, *Associate Professor of Teacher Education and Library Science* (1969)
B.A., St. Thomas College; M.A., University of California at Berkeley; Ed.D., University of Idaho.
- DONALD B. BILLINGS, *Associate Professor of Economics* (1972)
B.A., San Diego State College; M.A., Ph.D., University of Oregon.
- MARY E. BLANK, *Instructor in Vocational-Technical School* (1974)
Diploma, Bannock Memorial Hospital.

BOISE STATE UNIVERSITY

Faculty

- SARA BLOOD, *Instructor in Music* (1975)
B.M.E., M.M., Indiana University.
- ANTHONY J. BOHNER, *Assistant Professor of Management* (1974)
B.A., Northwest Nazarene College; J.D., Willamette University.
- KATHRYN BONACHEA, *Assistant Professor of Nursing* . . (1974)
B.S., University of New Mexico; M.S., Catholic University.
- ROLANDO E. BONACHEA, *Assistant Professor of History* (1974)
B.A., University of New Mexico; M.A., Ph.D., Georgetown University.
- ROBERT R. BOREN, *Professor of Communication; Chairman, Department of Communication* (1971)
B.A., M.A., Brigham Young University; Ph.D., Purdue.
- KAREN J. BOUNDS, *Assistant Professor of Business* . . . (1973)
B.S.Ed., University of Alabama; M.Ed., University of North Carolina; Ed.D., North Texas State University.
- NANCY C. BOWERS, *Instructor in Vocational Technical Education* (1975)
Diploma, St. Joseph's Hospital School of Nursing; University of Arizona.
- BILL C. BOWMAN, *Associate Professor of Physical Education* (1969)
B.A., Southern Idaho College of Education; M.Ed., University of Oregon; Ed.D., Brigham Young University.
- PHYLLIS E. BOWMAN, *Assistant Professor of Physical Education* (1970)
B.S., Utah State University; M.A., Brigham Young University; Weber State.
- DALE BOYER, *Associate Professor of English* (1968)
B.A., M.A., University of Oregon; Ph.D., University of Missouri.
- RICHARD F. BOYLAN, *Associate Professor of Communication* (1971)
B.A., University of Arizona, M.A., Ph.D., University of Iowa.
- JEAN BOYLES, *Assistant Professor of Physical Education* (1949-57, 1962, 1969)
A.B., University of California; M.S., University of Colorado.
- BRYCE T. BRADLEY, *Assistant Professor of Accounting* (1970)
B.S., Idaho State University; M.B.A., University of Utah; C.P.A., Golden Gate University, University of Nebraska.
- C. GRIFFITH BRATT, *Professor of Music, Composer Artist-in-Residence* (1946)
Artist's Diploma in Organ, Mus.M., Harmony Teacher's Certificate, Church Organist's Certificate; Peabody Conservatory of Music, Baltimore, Md., Johns Hopkins University; University of Baltimore; University of Utah; A.A.G.O., Mus. Doc., Northwest Nazarene College.
- J. WALLIS BRATT, *Assistant Professor in Music* (1970)
B.M., University of Idaho; M.M., University of Utah.
- SUSAN I. BRENDER, *Associate Professor of Office Administration* (1969)
B.S.C., M.A., Ph.D., University of Iowa.
- ALLAN P. BRINTON, *Assistant Professor of Political Science* (1975)
B.A., Eastern Nazarene College; Ph.D., University of Minnesota.
- JAMES R. BUCHANAN, *Assistant Professor of Welding* . (1959)
Heli-arc School of Welding for Bechtel Corporation San Francisco; Heli-arc School, Atomic Energy Commission, Arco, Idaho, and Paducah, Kentucky; Vocational Education, National Defense, Boise; Boise Junior College; Idaho State College.
- JANICE BUEHLER, *Assistant Professor of Nursing* (1974)
B.S., University of Oregon; M.S., University of Colorado; M.A., University of California, San Francisco.

- RICHARD E. BULLINGTON, *Professor of Education, Executive Vice President* (1968)
B.S., Rutgers, M.A., Ed.D., University of Alabama.
- JERRY BURK, *Associate Professor of Communication* . . . (1975)
B.A., Fresno State College; M.A., University of Montana; Ph.D., University of Oklahoma.
- ORVIS C. BURMASTER, *Assistant Professor of English* . (1968)
B.S., Montana State College; M.A., University of Montana; South Dakota State College, Utah State College.
- CLARA P. BURTCH, *Associate Professor of Teacher Education and Library Science* (1969)
B.A., M.A., College of Idaho.

C

- SUSAN H. CALDWELL, *Assistant Professor of Art* (1974)
B.A., Washburn University; Ph.D., Cornell University.
- MAXIMO J. CALLAO, *Associate Professor of Psychology, Counselor* (1971)
B.A., San Jose State College, M.S.Ed., Ph.D., Purdue University, University of Hawaii.
- ERMA M. CALLIES, *Instructor Vocational Counselor* . . . (1969)
B.S., South Dakota University.
- R. RUSSELL CAMPBELL, *Associate Professor of Physics* (1970)
B.S., University of Washington, M.A., Ph.D., University of California, Irvine.
- WILLIAM J. CARSON, *Associate Professor of Accounting* (1963)
B.S., University of Notre Dame; M.B.A., University of Denver; University of Wyoming.
- LOREN S. CARTER, *Associate Professor of Chemistry* . . (1970)
B.S., M.S., Oregon State University; Ph.D., Washington State University.
- JOHN A. CAYLOR, *Professor of History* (1965)
A.B., Nebraska Teacher's College; M.A., Ph.D., University of Nebraska.
- RUSSELL CENTANNI, *Assistant Professor of Biology, Chairman, Department of Biology* (1973)
B.S., M.S., John Carroll University; Ph.D., University of Montana.
- WILLA M. CHAFFEE, *Instructor in Practical Nursing Program, Health Occupations Coordinator* (1967)
R.N., St. Lukes Hospital; University of Colorado.
- ACEL H. CHATBURN, *Professor of Education* (1944)
B.A., College of Idaho; University of Idaho; M.A., University of Colorado; Ed.D., Washington State University; University of California at Berkeley.
- WAYNE CHATTERTON, *Professor of English* (1968)
B.S., M.A., Brigham Young University; Ph.D., University of Utah.
- JAMES LEE CHRISTENSEN, *Associate Professor of Sociology* (1970)
B.S., Brigham Young University; M.A., University of Wyoming; Ph.D., University of Utah.
- MICHIKO CHRISTIAN, *Instructor in Art* (1975)
B.A., Linfield College; M.S., M.F.A., University of Wisconsin.
- MARVIN CLARK, *Professor of Business Education, Chairman, Department of Business Education & Office Administration* (1969)
B.S., St. Cloud State College; M.A., Ph.D., University of Minnesota.
- MELVIN M. CLARKSON, *Instructor in Vocational-Technical School* (1974)
Diploma, Boise College.
- MICHAEL E. CLEVELAND, *Associate Professor of Music* (1970)
B.A., San Jose State College; M.M., D.M.A., University of Oregon.

BOISE STATE UNIVERSITY
Faculty

- DEWEY H. COFIELD, *Assistant Professor of Electronics* (1961)
University of Idaho; Idaho State College.
- CONRAD COLBY, *Assistant Professor of Health Sciences; Director, Respiratory Therapy Program* (1970)
B.A., M.A., University of Montana.
- JUDITH A. COLTRIN, *Instructor; Supervisor of Directed Practice, Medical Record Technician* (1972)
B.S., College of St. Mary.
- CECILIA (TRUDY) Y. COMBA, *Associate Professor of Teacher Education* (1970)
B.E., Duquesne University; M.Ed., University of Arizona; Ph.D., University of Oregon.
- DORAN L. CONNOR, *Assistant Professor of Physical Education, Head Basketball Coach* (1969)
B.A., Idaho State University; M.S., Utah State University.
- GENE COOPER, *Professor of Physical Education; Chairman, Department of Physical Education* (1967)
B.S., M.S., D.Ed., University of Utah.
- A. ROBERT CORBIN, *Assistant Professor of Sociology* (1967)
B.A., Blackburn College; M.A., University of Washington; Th.M., Iliff School of Theology.
- ROBERT C. CORNWELL, *Professor of Business Education* (1969)
B.A., Wartburg College; M.A., Colorado State College; Ed.D., Arizona State University.
- T. VIRGINIA COX, *Assistant Professor of Anthropology* (1967)
B.A., San Diego State College; M.A., University of California at Davis; University of Oregon.
- DAVID E. CRANE, *Head Catalog Librarian, Assistant Professor* (1969)
B.A., California State University at San Francisco; M.A., California State University at San Jose.
- G. DAWN CRANER, *Instructor in Communication* (1975)
B.A., Utah State University; M.A., Purdue University.
- PAULA CUMMINGS, *Assistant Professor of Nursing, Coordinator of Continuing Education, School of Health Sciences* (1972-73; 1974)
- BILL DARRELL CURITS, *Instructor in Auto Body* (1967)
Diploma, Boise Junior College.
- ELIZABETH M. CURTIS, *Instructor in Operating Room Technology* (1972)
Diploma, Kansas City General Hospital, School of Nursing.

D

- E. JOHN DAHLBERG Jr., *Associate Professor of Teacher Education* (1970)
B.A., Pacific Lutheran University; M.A., Lewis & Clark College, Portland; Ed.D., University of Oregon.
- NORMAN F. DAHM, *Professor of Engineering* (1953)
B.S., M.Ed., University of Colorado; Agricultural and Mechanical College of Texas; University of Washington; Bucknell University.
- JACK L. DALTON, *Professor of Chemistry; Chairman, Department of Chemistry* (1958)
B.S., Nebraska State Teachers College; M.S., Kansas State University of Agriculture and Applied Science; Kansas State College, Oregon State University.
- A. JERRY DAVIS, *Director High School & University Relations, Assistant Professor* (1968)
B.Th., Northwest Christian College; B.A., Drake University; M.Ed., Utah State University.
- CHARLES GEORGE DAVIS, *Professor of English; Chairman, Department of English* (1963)
B.A., Middlebury College; M.A., University of California, Berkeley; Ph.D., University of North Carolina.

- ANNE N. DE LAURIER, *Counselor, Assistant Professor* (1967)
B.A., The College of IDAHO; M.S., University of Oregon, Ohio University. M.A., Boise State University; Ph.D. University of Oregon.
- MARIO DELISIO, *Instructor in Geology* (1970)
B.A., Boise State University; M.A., Idaho State University. Case Western Reserve University, Naval Meteorological School, University of Oregon.
- JAMES B. DEMOUX, *Assistant Professor of Communication* (1971)
B.A., Brigham Young University, M.A., University of Montana.
- JERRY P. DODSON, *Associate Professor, Counselor* (1970)
B.A., Ball State University; M.S., Ph.D., Purdue.
- PAUL DONALDSON, *Assistant Professor of Geophysics* (1975)
B.S., University of Utah; Ph.D., Colorado School of Mines.
- DENNIS DONOGHUE, *Associate Professor of Political Science* (1973)
B.S., M.A., Central Michigan University; Ph.D., Miami University.
- PATRICIA M. DORMAN, *Professor of Sociology; Chairman, Department of Societal and Urban Studies* (1967)
B.S., M.S., Ph.D., University of Utah.
- JAMES G. DOSS, *Assistant Professor of Management; Assistant Dean, School of Business* (1970)
B.S., University of California; M.S., The George Washington University, University of Utah.
- JAMES D. DOUGLASS, Jr., *Assistant Professor of Art* (1972)
B.S., Western Michigan University; M.F.A., Cranbrook Academy of Art.
- ROBERT DOWNES, *Assistant Professor of Nursing* (1972)
B.S., Walla Walla College; M.N., University of Washington.
- RICHARD R. DOWNS, *Assistant Professor, Counselor* (1975)
B.S., Pacific University; M.A., Ball State; Ed.D., Ball State.
- VICTOR H. DUKE, *Professor of Pharmacology & Health Sciences Dean, School of Health Science* (1972)
B.S., Idaho State College; Ph.D., University of Utah.

E

- MARDO MARLENE EATON, *Instructor in Nursing* (1975)
B.S., Stanford University; M.S., University of Idaho.
- WILBER D. ELLIOTT, *Associate Professor of Music; Chairman, Department of Music* (1969)
B.A., University of Washington; M.E., Central Washington.
- ROBERT W. ELLIS, *Associate Professor of Chemistry* (1971)
B.S., College of Idaho; M.S., Ph.D., Oregon State University.
- ROBERT EDWARD ERICSON, *Associate Professor of Theatre Arts; Chairman, Department of Theatre Arts* (1970)
B.S., Pacific University; M.A., Indiana University; Ph.D., University of Oregon.
- EVELYN EVERTS, *Associate Professor, Reference Librarian* (1957)
B.A., Librarianship; University of Washington; B.S., (Zoology), University of Washington; Washington State University, Drexel Institute of Technology.
- STUART D. EVETT, *Assistant Professor of English* (1972)
B.A., University of the South (Sewanee); M.A., Vanderbilt University.

F

- GENGER A. FAHLESON, *Instructor of Physical Education* (1974)
B.S., University of Nebraska - Lincoln; M.Ed., Bowling Green State University.

BOISE STATE UNIVERSITY
Faculty

- DAVID JOHN FERGUSON, *Associate Professor of Mathematics* (1970)
B.S., Ph.D., University of Idaho.
- DENNIS B. FITZPATRICK, *Assistant Professor of Finance* (1972)
B.S., University of Colorado; M.B.A., University of Santa Clara; D.B.A., University of Colorado.
- NANCY L. FLEMING, *Associate Professor of Nursing* . . . (1963)
B.S.N., University of Nebraska College of Medicine; M.S.N., Montana State University.
- ALLAN WALKER FLETCHER, *Associate Professor of History* (1970)
B.S., Louisiana State University; M.A., Ph.D., University of Washington.
- MARIAN FLETCHER, *Instructor; Curriculum Resource Librarian* (1974)
A.B., Wheaton College; M.S.L.S., Louisiana State University.
- CAROL FOUNTAIN, *Assistant Professor of Nursing* . . . (1967)
A.S., Boise Junior College; B.S.N., University of Washington; M.N., Montana State University.
- E. COSTON FREDERICK, *Associate Professor of Education* (1971)
B.S. Ed., Indiana State Teacher's College, M.Ed., Temple University; Ph.D., Syracuse University.
- ROBERT L. FRIEDEL, *Assistant Professor of Teacher Education* (1972)
B.S., M.Ed., Utah State University; Ph.D., University of Utah.
- HARRY K. FRITZMAN, II, *Professor of Zoology* (1954)
A.A., Boise Junior College; B.A., M.A., Ph.D., University of California at Berkeley.
- ALBERT J. FUEHRER, *Instructor in Auto Mechanics* . . . (1965)
Northwest Nazarene College; Idaho State University; Specialized Automotive Training, United Motor Service, Tigard, Oregon; Allen Tune-up School, Sun Tune-up School, Carter Carburetor Specialized training class; Rochester Specialized training class; Champion Technical Training School.
- EUGENE G. FULLER, *Associate Professor of Zoology* . . . (1967)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.
- EUGENE I. FURUYAMA, *Associate Professor of Mathematics* (1972)
B.A., Northwest Nazarene College; M.A., Ph.D., Washington State University.

G

- NORMAN D. GARDNER, *Assistant Professor Finance* . . (1974)
B.A., M.B.A., Brigham Young University; Ph.D., University of Utah.
- JERRY C. GEPHART, *Assistant Professor of Communications* (1972)
B.S., Western Michigan University; M.A., St. Louis University; Ph.D., University of Utah.
- WILLARD H. GODFREY, JR., *Professor of Marketing* . . . (1970)
B.S., Brigham Young University; M.S., University of Arizona; Ph.D., Montana State University; University of Colorado; Colorado State University.
- A. RICHARD GRANT, *Associate Professor of Management and Finance* (1976)
B.B.A., University of Portland; M.B.A., Northwestern University; L.L.B., Willamette University.
- DAVID W. GREEN, *Assistant Professor of Teacher Education and Library Science* (1975)
B.A., University of Northern Iowa; M.Div., McCormick Seminary; M.A.L.S., Rosary College.

- FRANCES S. GRIFFITH, *Instructor in Horticulture* (1971)
Lewiston Business College.
- DAVID GROEBNER, *Assistant Professor of General Business* (1973)
B.S., University of Minnesota; M.E.A., Ph.D., University of Utah.

H

- DON P. HAACKE, *Assistant Professor; General Librarian* (1971)
B.A., M.L.S., University of Washington; Brigham Young University; Weber State College.
- JAMES E. HADDEN, *Assistant Professor of English* . . . (1972)
B.A., Rhode Island College, M.A., University of Washington.
- CLAYTON W. HAHN, *Associate Professor of Engineering* (1948-52, 1963)
B.S. (M.E.), University of Colorado; University of Montana; Montana State College; University of California at Los Angeles; University of Southern California; University of Nebraska.
- BENJAMIN HAMBELTON, *Assistant Professor, Director of Educational Materials Center* (1975)
B.S., Boise State University; M.Ed., Utah State University.
- MARK HANSEN, *Assistant Professor in English* (1969)
B.A., M.A., San Francisco State College.
- RICHARD HART, *Professor in Economics; Director, Center for Business and Economic Research* (1965)
B.S., M.S., Utah State University; Ph.D., Kansas State University.
- CAROL D. HARVEY, *Assistant Professor of Sociology* . . (1970)
B.S., University of Idaho; M.A., Ph.D., Washington State University.
- JOHN P. HAYDON, *Instructor in Vocational-Technical Education* (1969)
- ELIZABETH A. HAZELWOOD, *Assistant Professor of Nursing* (1974)
B.S.N., M.S.N., Vanderbilt University.
- FRANK K. HEISE, *Assistant Professor of Theatre Arts* . . (1971)
B.S., Wisconsin State University; M.A., University of South Dakota.
- R. GAIL HEIST, *Instructor in Management and Finance* (1975)
A.A., Boise Junior College; B.S., University of Utah; M.B.A., Boise State College.
- MARGARET L. HERBERT, *Instructor in Foreign Languages* (1971)
B.A., M.A., University of Montana.
- ROBERT A. HIBBS, *Professor of Chemistry* (1965)
B.S., M.S., University of Florida; Ph.D., Washington State University.
- KENNETH L. HILL, *Associate Professor of Teacher Education* (1968)
B.S., Illinois State University; M.A., College of Idaho; Oregon State University, Ed.D., University of Idaho.
- LAVAR K. HOFF, *Instructor in Food Service Technology* (1969)
B.S., Utah State University.
- KENNETH M. HOLLENBAUGH, *Professor of Geology, Chairman, Department of Geology, Dean of Graduate School* (1968)
B.S., Bowling Green State University; M.S., Ph.D., University of Idaho.
- DONALD HOLLEY, *Assistant Professor of Economics* . . . (1973)
B.A., Brigham Young University; M.A., University of Oregon; Ph.D., University of California at Riverside.
- PATRICIA ANNE HOLMAN, *Assistant Professor of Education* (1970)
B.S., Northern Montana College; M.S., University of Utah.

THEODORE HOPFENBECK, *Assistant Professor of Criminal Justice* (1967)
B.S., M.Ed., University of Arizona.

JAMES W. HOPPER, *Assistant Professor of Music* (1970)
B.S., Julliard School; M.A., State University of Iowa; Wash-
ington State University.

SAMUEL D. HOUSTON, *Instructor in Vocational Technical Education* (1975)
U.S. Army O.M.R.; Boise State University.

MADELEINE HSU, *Assistant Professor of Music* (1971)
B.M., M.S., The Julliard School; H.Doc. in Performing Arts,
Sheffield, England.

DAN D. HUFF, *Assistant Professor of Social Work* (1970)
B.A., Washburn University; M.S.W., Kansas University.

HOWARD L. HUFF, *Associate Professor of Art* (1965)
Diploma, Boise Junior College; B.A., College of Idaho;
M.F.A., University of Idaho.

ROBERT B. HUGHES, *Associate Professor of Mathematics* (1971)
B.A., University of California, Riverside; M.A., University of
California at Berkeley; Ph.D., University of California, River-
side.

GUY LAMONT HUNT, *Associate Professor of Teacher Education; Dean of Admissions and Records* (1970)
B.S.Ed., Eastern Oregon College; M.S.Ed., Eastern Oregon
College; Ph.D., Arizona State University.

DARRYL HUSKEY, *Assistant Professor, Serials and Documents Librarian* (1968)
B.S., Brigham Young University; M.L., Kansas State
Teachers College.

I

GAIL ISON, *Associate Professor of Psychology* (1970)
B.A., Idaho State University; M.A., Brigham Young Univer-
sity; Ph.D., University of Oregon.

J

EDWARD JACOBY, *Assistant Professor of Physical Education* (1973)
B.S., University of Idaho; M.S., University of Northern
Colorado.

JOHN H. JENSEN, *Associate Professor of Teacher Education and Library Science, Chairman, Department of Teacher Education and Library Science* (1969)
B.A., Western Michigan University; M.S., Ph.D., University
of Oregon.

GEORGE JOCUMS, *Associate Professor of Foreign Language; Chairman, Department of Foreign Languages* (1973)
A.B., A.M., Duquesne University, Ph.D., University of
Michigan.

HELEN R. JOHNSON, *Associate Professor of Office Administration* (1955)
B.A., Northwest Nazarene College; University of Idaho;
Oregon State University; University of Washington; M.A.,
College of Idaho; University of Southern California, Arizona
State University.

DONALD S. JONES, *Instructor in Vocational-Technical Education* (1970)
Service Schools of Smith Corona, Olivetti Underwood,
Olympia Electric, Glidden Paint Sales, Sharp Electronics
School.

LEO E. JONES, *Assistant Professor of Biology* (1972)
B.A., Chico State College; Ph.D., Oregon State University.

WILLIAM A. JONES, *Assistant Professor of Physical Education* (1965)
B.A., Boise College; M.S., Utah State University.

ROBERT C. JUOLA, *Associate Professor of Mathematics; Associate Chairman, Department of Mathematics* (1970)
B.S., University of Oregon; M.S., Ph.D., Michigan State
University.

K

GEORGE R. KAISER, *Assistant Professor of Accounting and Data Processing* (1975)
B.S., M.B.A., University of Utah; Ph.D., University of Wash-
ington.

FENTON C. KELLEY, *Assistant Professor of Zoology* (1969)
B.S., M.S., University of New Mexico; Ph.D., University of
California at Berkeley.

DORIS KELLY, *Associate Professor of Nursing* (1958)
Diploma, Cook County School of Nursing; B.A., University of
Denver; M.N., University of Washington.

CHARLES R. KERR, *Associate Professor of Mathematics* (1969)
B.A., Washington State University; M.A., Ph.D., University
of British Columbia.

JOHN H. KILLMASTER, *Associate Professor of Art* (1970)
B.A., Hope College; M.F.A., Cranbrook Academy of Art;
Universidad de Guana Juato, Mexico; Northern Michigan
University; Michigan State University.

JAY ADLER KING, *Instructor in English* (1975)
B.A., Claremont Men's College; M.A., New York University.

LOUIS J. KING, *Instructor in Vocational-Technical School* (1972)

HOWARD J. KINSLINGER, *Associate Professor of Management and Finance* (1975)
B.A., Brandeis University; M.B.A., City College of New York;
Ph.D., Purdue University.

WILLIAM F. KIRTLAND, *Professor of Teacher Education and Library Science* (1969)
Director of Reading Center; B.S., M.A., Bemidji State Col-
lege Ed.D., Arizona State University.

LEO L. KNOWLTON, *Professor of Marketing* (1965)
B.S., M.S., University of Idaho; University of Oregon.

ALFRED KOBER, *Associate Professor of Art* (1968)
B.S., M.S., Fort Hayes Kansas State College.

ROBERT J. KOESTER, *Associate Professor of Accounting* (1974)
B.S., M.B.A., Ph.D., University of Nebraska, Lincoln.

L

ELLIS LAMBORN, *Professor of Economics* (1968)
B.S., Utah State University; M.S., University of Illinois;
Ph.D., Cornell University; University of California.

MAX LAMBORN, *Instructor in Vocational-Technical Education* (1972)

DANIEL GODLIEB LAMET, *Associate Professor of Mathematics* (1970)
B.A., University of Michigan; M.A., Ph.D., University of
Oregon.

RICHARD C. LANE, *Associate Professor of Marketing* (1969)
B.S., M.S., Kansas State College; University of Missouri;
University of Idaho.

WILLIAM C. LARUE, *Instructor in Vocational-Technical Education* (1969)
Philco Corp., N.A.S.A. Manned Space Program, Boeing
Corporation.

CHARLES E. LAUTERBACH, *Associate Professor of Theatre Arts* (1971)
B.A., M.A., University of Colorado; Ph.D., Michigan State
University.

RICHARD V. LEAHY, *Assistant Professor of English* (1971)
B.S., University of San Francisco; M.A., University of Iowa;
Ph.D., University of California, Davis.

BOISE STATE UNIVERSITY

Faculty

- JOHN C. LEIGH, JR. *Instructor in Drafting* (1971)
Los Angeles Junior College.
- CHARLES LEIN, *Professor of Management; Dean,
School of Business* (1973)
B.S., Augustana College; M.S., Ed.D., University of Wyoming.
- MALCOLM E. LEHMAN, *Assistant Professor of Allied
Health* (1975)
B.S., M.Ed., University of Missouri.
- RAY LEWIS, *Assistant Professor of Physical Education* . (1956)
B.S.(Ed.), M.Ed., University of Idaho.
- PETER M. LICHTENSTEIN, *Assistant Professor of
Economics* (1975)
B.A., M.S., Union College; M.A., Ph.D., University of Colorado.
- GLEN LINDER, *Instructor; Assistant Director, Area
Vocational-Technical School* (1970)
B.S., University of Idaho.
- ELAINE M. LONG, *Assistant Professor of Home
Economics* (1975)
B.S., California State Polytechnic University; M.S., Iowa State University.
- JAMES A. LONG, *Assistant Professor of Biology* (1974)
A.A., Centerville Community College; B.S., Ph.D., Iowa State University.
- HUGH T. LOVIN, *Professor of History* (1965)
B.A., Idaho State College; M.A., Washington State University; Ph.D., University of Washington.
- ROBERT A. LUKE, *Associate Professor of Physics* (1968)
Diploma, Ricks College; B.S., M.S., Ph.D., Utah State University.
- PHOEBE J. LUNDY, *Associate Professor of History* (1966)
B.S., M.S., Drake University.
- MICHAEL T. LYON, *Assistant Professor of Business
Administration* (1970)
B.B.A., University of New Mexico, M.B.A., University of California at Berkeley.

M

- JEAN MacINNIS, *Instructor in Dental Assisting* (1962)
C.D.A., University of North Carolina; Boise Junior College; Idaho State University.
- GILES MALOOF, *Professor of Mathematics* (1968)
B.A., University of California; M.A., University of Oregon; Ph.D., Oregon State University; San Bernardino Valley Junior College; University of California at Los Angeles.
- DARWIN W. MANSHP, *Assistant Professor of Office
Administration* (1970)
B.A., Northwest Nazarene College; M.S., Utah State University; Boise Junior College; University of Idaho; Ed.D., Brigham Young University.
- RUTH A. MARKS, *Associate Professor of Teacher
Education* (1970)
B.A., Northwest Nazarene College; M.Ed., College of Idaho; Ed.D., University of Northern Colorado.
- ROBERT L. MARSH, *Assistant Professor of Societal and
Urban Studies* (1974)
B.S., Lamar University; M.A., D.C.J., Sam Houston State University.
- CLYDE M. MARTIN, *Associate Professor of Teacher
Education; Associate Dean, School of Education* . (1970)
B.A., Linfield College; M.A., University of Oregon; Ed.D., Oregon State University.
- CONSTANCE MATSON, *Assistant Professor of Nursing* . (1968)
B.S., University of Oregon, M.Ed., University of Idaho.
- ROBERT MATTHIES, *Professor; Director, Student
Health Center* (1971)
A.B., Northwestern; M.D., University of Illinois.

- RUTH McBIRNEY, *Professor, Head Librarian* . (1940-42, 1953)
Boise Junior College; A.B., Whitman College; B.A. in Librarianship, University of Washington; Columbia University; University of London, University of California at Berkeley; Rutgers University.
- ANGUS McDONALD, *Professor of Teacher Education* . . (1968)
B.A., College of Idaho; M.A., Colorado State University; Ed.D., University of Maryland; Stanford University; Claremont Graduate School; University of Idaho Graduate School.
- ROBERT L. McDOWELL, *Assistant Professor, Technical
Services Librarian* (1968)
B.G.E., Omaha University; M.A., University of the Americas, Mexico (D.F.), M.A. in Librarianship, San Jose State College, University of Alabama, University of Maryland.
- ROBERT D. McWILLIAMS, *Associate Professor of
Marketing and Mid-Management* (1975)
B.B.A., M.B.A., Texas Technological College; D.B.A., Texas Tech University.
- WILLIAM P. MECH, *Associate Professor of Mathematics,
Chairman, Department of Mathematics; Director
of Honors Program* (1970)
B.A., Washington State University; M.S., Ph.D., University of Illinois.
- JOHN J. MEDLIN, *Associate Professor of Accounting* . . . (1970)
B.S., Idaho State University; M.B.A., University of Denver; C.P.A.
- GARY D. MERCER, *Assistant Professor of Chemistry* . . . (1975)
B.S., University of Montana; M.S., Ph.D., Cornell University.
- C.M. MERZ, *Associate Professor of Accounting* (1974)
B.M.E., Villanova University; M.B.A., California State College at Long Beach; D.B.A., University of Southern California.
- CARROLL J. MEYER, *Professor of Music* (1948)
B.M., University of Michigan; Private study with Ethel Leginska and Cecile de Horvath; M.A., University of Iowa.
- FLORENCE M. MILES, *Professor of Nursing* (1955)
Diploma, School of Nursing, St. Luke's Hospital; B.S.N.E., M.N., University of Washington; University of California at Los Angeles; Lewis-Clark Norman School; University of Colorado.
- DEAN MILLARD, *Instructor in Electronics* (1973)
A.S., Boise Junior College; B.S.E.E., University of Idaho.
- BEVERLY MILLER, *Assistant Professor, Reference
Librarian* (1968)
B.A., Thiel College, Greenville, Pa., M.A. in Librarianship, University of Denver.
- GILBERT McDONALD MILLER, *Instructor; Director,
Area Vocational-Technical School* (1969)
Idaho State University, Certificate, Mid-West Motive Trades Institute.
- JEROLD MILLIER, *Assistant Professor of Accounting
and Data Processing* (1975)
B.S., Wichita State University; M.B.S., University of Arizona.
- LELAND L. MINK, *Assistant Professor of Geology* (1975)
B.S., Idaho State University; M.S., Ph.D., University of Nevada.
- JOHN W. MITCHELL, *Associate Professor of Economics* . (1970)
B.A., Williams College; M.A., Ph.D., University of Oregon.
- SUSAN C. MITCHELL, *Director, Student Residential
Life* (1972)
B.A., University of Colorado; M.A., M.S., University of Oregon.
- MARVIN C. MOIST, *Instructor in Vocational Technical
Education* (1975)
- POLLY K. MOORE, *Associate Professor of Home
Economics* (1972)
B.S., M.S., Ph.D., Pennsylvania State College.

CAROL A. MULLANEY, *Assistant Professor of English* . . . (1972)
B.A., M.A., Ph.D., The Catholic University of America.

N

GARY R. NEWBY, *Professor of Physics; Chairman,
Department of Physics, Engineering and Physical
Science* (1966)
B.S., Ph.D., Arizona State University.

ROSS S. NICKERSON, *Assistant Professor in English* . . . (1969)
B.A., Boise College; M.A., University of Utah.

DAVID E. NIX, *Assistant Professor of Management* (1974)
L.L.B., LaSalle Extension University; B.A., M.A., Western
State College, Ph.D., Oklahoma State University.

HAROLD NIX, *Associate Professor of Accounting;
Chairman, Department of Accounting and Data
Processing* (1973)
B.A., M.A., Western State College; Ph.D., Oklahoma State
University.

O

DONALD OAKES, *Associate Professor of Music;
Associate Department Chairman* (1966)
B.M., M.M., Northwestern University; College of Idaho,
University of Oregon.

DONALD J. OBEE, *Professor of Botany* (1946)
B.A., M.A., Ph.D., University of Kansas; Oregon State Uni-
versity; University of Oregon School of Marine Biology;
Arizona State University; University of North Carolina.

DIANA OBENAUER, *Instructor in Registered Nursing;
Clinical Coordinator* (1970)
B.S.N., Sacramento State College.

F. DENIS OCHI, *Assistant Professor of Art* (1971)
B.A., M.A., M.F.A., University of California, Los Angeles.

CHARLES M. ODAHL, *Instructor in History* (1975)
B.A., M.A., California State University-Fresno.

JOHN T. OGDEN, *Instructor in Welding* (1965)
Diploma, Boise Junior College; Navy Training School; Special
Training and Experience in Welding.

MAMIE O. OLIVER, *Assistant Professor of Social Work* . . (1972)
A.A., Los Angeles City College; B.A., California State Uni-
versity at Los Angeles; M.S.W., Fresno State University at
Fresno, California.

PHYLLIS OLIVER, *Instructor in Vocational Technical
Education* (1975)
Diploma, St. Alphonsus School of Nursing.

THOMAS OLSON, *Instructor in Vocational Technical
Education* (1975)
B.S., University of Idaho.

DAVID L. ORAVEZ, *Associate Professor of Art* (1964)
B.S., M.S., M.F.A., University of Wisconsin, Summer School
of Painting at Satucket, Michigan.

GLORIA J. OSTRANDER, *Assistant Professor;
Assistant Catalog Librarian* (1971)
B.A., Boise College; M.L.S., University of Washington.

PATRICIA K. OURADA, *Professor of History* (1962)
B.A., College of Saint Catherine; M.A., University of Colo-
rado; Ph.D., University of Oklahoma.

WILLIARD M. OVERGAARD, *Professor of Political
Science; Chairman, Department of Political
Science* (1972)
A.A., Boise Junior College; B.A., University of Oregon; M.A.,
University of Wisconsin; Ph.D., University of Minnesota;
College of Idaho; University of Oslo, Norway.

NELDON D. OYLER, *Instructor in Horticulture* (1966)
A.A., Snow Colles; B.S., Brigham Young University.

P

ARNOLD PANITCH, *Assistant Professor of Social Work* . (1974)
B.S., Western Michigan University; M.S.W., Wayne State
University.

HERBERT D. PAPPENFUSS, *Associate Professor of
Botany* (1967)
B.S., University of Utah; M.S., Brigham Young University;
Ph.D., Colorado State University.

DONALD J. PARKS, *Assistant Professor of Physical
Science and Engineering* (1973)
B.S., Colorado State University; M.S., Ph.D., University of
Minnesota.

MAX G. PAVESIC, *Associate Professor, Societal and
Urban Studies* (1974)
A.A., Los Angeles City College; B.A., University of California,
Los Angeles; M.A., Ph.D., University of Colorado, Boulder.

RICHARD D. PAYNE, *Associate Professor of Economics,
Chairman, Department of Economics* (1970)
B.A., Utah State University; M.A., University of Southern
California; Ph.D., University of Southern California.

LOUIS A. PECK, *Professor of Art; Chairman, Department
of Art* (1955)
B.A., College of Idaho; University of California, Santa Bar-
bara; M.S., Utah State University; Rex Brandt School of
Art, Ed.D., University of Idaho.

MARGARET PEEK, *Associate Professor of English* (1969)
B.A., M.A., University of Alaska; Ph.D., University of Nebr-
aska.

JUNE R. PENNER, *Assistant Professor of Nursing* (1974)
B.S., University of California, Los Angeles; M.P.H., Univer-
sity of California, Berkeley.

ELLIS RAY PETERSON, *Professor of Chemistry* (1964)
B.S., M.S., Utah State University; Ph.D., Washington State
University.

CHARLES D. PHILLIPS, *Professor of Management* (1969)
A.B., DePauw University; M.A., Ph.D., University of Iowa.

JOHN L. PHILLIPS, JR., *Professor of Psychology;
Chairman, Department of Psychology* (1954)
B.A., M.A., Reed College; Ph.D., University of Utah; Uni-
versity of Idaho; Beloit College; University of Washington;
University of California at Berkeley.

C. HARVEY PITMAN, *Associate Professor of
Communication* (1966)
B.A., College of Idaho; M. Ed., Washington State University.

PAUL PROCTOR, *Instructor in Art* (1975)
B.S., Brigham Young University; M.F.A., Utah State Uni-
versity.

Q

CHARLES DENNIS QUINOWSKI, *Instructor; Vocational
Counselor* (1970)
B.S.Ed., Southern Oregon College.

R

DAVID W. RAYBORN, *Assistant Professor of
Communication* (1969)
B.A., Idaho State University; M.S., Southern Illinois Univer-
sity.

GREGORY RAYMOND, *Assistant Professor of Political
Science* (1975)
B.A., Park College; M.A., Ph.D., University of South Car-
olina.

GERALD R. REED, *Associate Professor of Education,
Director of Special Projects* (1967)
B.S., University of Wyoming; M.Ed., University of Idaho;
Ed.D., Washington State University.

BOISE STATE UNIVERSITY

Faculty

- RICHARD J. REIMANN, *Assistant Professor of Physics* . . . (1974)
 B.S., South Dakota School of Mines and Technology; M.S.,
 Ph.D., University of Washington.
- LYNNE RENTON, *Assistant Professor of English* (1970)
 A.A., Boise College; B.A., M.A., Washington State Univer-
 sity.
- JAMES W. RILEY, *Instructor in Communication* (1975)
 B.A., Washburn University; M.F.A., Texas Christian Univer-
 sity.
- GEORGE F. ROBERTS, *Assistant Professor of Art* (1970)
 B.A., San Diego State College; M.A., M.F.A., University
 of Iowa.
- JOHN B. ROBERTSON, *Associate Professor of Foreign
 Languages* (1974)
 B.A., Idaho State University; M.A., Ph.D., University of
 Arizona.
- ELAINE ROCKNE, *Instructor in Medical Records
 Technology; Director, Medical Records Technician
 Program* (1968)
 B.A., College of St. Scholastica, Duluth, Minnesota.
- DANIEL D. RUSSELL, *Assistant Professor of Music* (1971)
 B.A., University of Washington; M.M., University of Oregon.
- JAMES K. RUSSELL, *Assistant Professor of Art* (1969)
 A.B., San Diego State College; M.A., M.F.A., University of
 Iowa.
- ROBERT C. RYCHERT, *Assistant Professor of Micro
 Biology* (1975)
 M.A., San Francisco State; B.A., Michigan State University;
 Ph.D., Ohio State.

S

- NORMA JEAN SADLER, *Assistant Professor of
 Teacher Education and Library Science,
 Coordinator of Field Services* (1973)
 A.B., University of California at Los Angeles; M.A., California
 State University at Long Beach; Ph.D., University of Wiscon-
 sin.
- CHAMAN SAHNI, *Assistant Professor of English* (1975)
 B.A., Bareilly College, India; M.A., Lucknow University,
 India; M.A., University of Rhode Island; Ph.D., Wayne State
 University.
- ALEXANDER M. SARKO, *Assistant Professor of
 Management and Finance* (1975)
 B.S.C.E., M.S.C.E., University of Michigan; J.D., University
 of Southern California Law Center.
- MARTIN W. SCHEFFER, *Associate Professor of
 Sociology* (1964)
 A.A., Diablo Valley College; B.S., M.S., University of Ore-
 gon; Ph.D., University of Utah.
- JACK ALBERT SCHLAEFLE, *Assistant Professor of
 Education; Director, Educational TV* (1971)
 B.A., University of Northern Colorado; M.P.A., University of
 Colorado.
- PAUL A. SCHLAFLY, JR., *Assistant Professor of Art* (1970)
 B.A., University of Notre Dame; B.F.A., M.F.A., Southern
 Illinois University; M.A., University of Missouri.
- PHYLLIS SCHMALJOHN, *Assistant Professor of Teacher
 Education and Library Science* (1975)
 A.A., Boise Junior College; B.A., Boise State College; M.A.,
 University of Northern Colorado.
- ANDREW B. SCHOEDINGER, *Assistant Professor of
 Philosophy* (1972)
 B.A., Hobart College; A.M., Ph.D., Brown University.
- MARY A. SCHOLES, *Instructor in Vocational-
 Technical Education* (1971)
 A.A., Boise Junior College; B.A., College of Idaho; Univer-
 sity of Idaho; Idaho State University, San Francisco State
 University; Boise State University.

- HENRIETTA S. SCHOONOVER, *Assistant Professor of
 Foreign Languages* (1974)
 A.B., Bryn Mawr College; M.A., Ph.D., McGill University.
- LEDA S. SCRIMSHER, *Associate Professor of Home
 Economics; Chairman, Department of Home
 Economics* (1974)
 B.S., M.S., University of Idaho; Ph.D., Ohio State University.
- DUSTON R. SCUDDER, *Professor of Marketing; Chairman,
 Department of Marketing and Mid-Management* . . (1964)
 B.S. in Business Administration; M.A., University of Denver;
 Ed.D., Oregon State University; University of Colorado;
 Colorado State University.
- GLENN E. SELANDER, *Assistant Professor of English* . . (1966)
 B.A., Southwestern University; M.A., Utah State University;
 Perkins School of Theology; Southern Methodist University;
 University of Utah.
- JOHN E. SEVERANCE, *Assistant Professor of
 Engineering* (1967)
 B.S., University of Idaho; M.S., University of Arizona.
- WILLIAM E. SHANKWEILER, *Professor of Theatre Arts;
 Associate Dean, School of Arts and Sciences* (1956)
 B.F.A., M.F.A., Goodman Memorial Theater; Ph.D., Univer-
 sity of Denver.
- PATRICK W. SHANNON, *Assistant Professor of Accounting
 and Data Processing* (1974)
 B.S., M.S., University of Montana; Ph.D., University of Ore-
 gon.
- MELVIN L. SHELTON, *Associate Professor of Music* . . . (1968)
 B.M.E., Wichita State University; Boise College; M.M.,
 University of Idaho.
- WILLIAM R. SICKLES, *Professor of Psychology* (1968)
 B.A., Wittenberg University; M.A., Columbia University;
 Ph.D., University of California at Berkeley.
- ROBERT C. SIMS, *Professor of History* (1970)
 B.A., Northeastern Oklahoma State College; M.A., Univer-
 sity of Oklahoma; Ph.D., University of Colorado.
- RAMLAYKHA SINGH, *Assistant Professor of Teacher
 Education and Library Science, Coordinator,
 Field Experiences* (1975)
 B.S., Mankato State College; M.A., Ed.D., University of
 Northern Colorado, Greeley.
- WILLIAM G. SKILLERN, *Associate Professor of
 Political Science* (1971)
 B.S., Linfield College; M.S., University of Oregon; Ph.D.,
 University of Idaho.
- ARNY R. SKOV, *Assistant Professor of Art* (1967)
 A.A., Boise Junior College; B.A., M.F.A., University of Idaho;
 California College of Arts and Crafts.
- VINA Y. SLOAN, *Assistant Professor of Accounting and
 Data Processing* (1975)
 B.S., Oklahoma State University; M.E.S., Lamar University.
- FRANK H. SMARTT, *Assistant Professor of
 Mathematics* (1958)
 B.A., M.A., Colorado State College.
- BERYL J. SMITH, *Assistant Professor of
 Registered Nursing* (1972)
 B.S., University of Utah; M.Ed., University of Illinois.
- DONALD D. SMITH, *Professor of Psychology* (1967)
 A.B., Nebraska State Teachers College; M.Ed., Whittier
 College; M.Ed., Ed.D., University of Southern California.
- JESSE M. SMITH, *Professor of Management and Finance,
 Chairman of Department of Management and
 Finance* (1975)
 B.S., B.A., M.B.A., Ph.D., University of Denver.
- LYLE SMITH, *Professor of Physical Education,
 Director of Athletics* (1946)
 B.S. (Ed.), M.S. (Ed.), University of Idaho; San Diego State
 College.

- RAY SMITH, *Instructor in Vocational-Technical Education* (1973)
Fullerton Junior College.
- WILLIAM SMITH, *Assistant Professor of Physics and Engineering* (1973)
B.A., M.A., Ph.D., University of Wisconsin.
- MARK E. SNOW, *Associate Professor of Psychology* (1971)
B.A., Eastern Washington College of Education; M.A., Ph.D., University of Utah.
- STEPHEN E. SPAFFORD, *Instructor in Political Science, Associate Dean, Admissions and Records* (1972)
B.A., Dartmouth College; M.A., University of Oregon.
- CLAUDE SPINOSA, *Associate Professor of Geology* (1970)
B.S., City College of New York; M.S., Ph.D., The University of Iowa.
- JOSEPH B. SPULNIK, *Professor of Chemistry; Dean, School of Arts and Sciences* (1941)
B.S., M.S., Ph.D., Oregon State University; Reed College; Portland State College.
- FRANK W. STARK, *Professor of Chemistry and Physical Science* (1957-62, 1967)
B.S., M.S., Trinity College; University of Denver.
- HARRY L. STEGER, *Assistant Professor of Psychology* (1972)
B.A., University of California, Berkeley; B.D., Berkeley Baptist Divinity School; M.S., California State College, Ph.D., University of Kentucky.
- THOMAS E. STITZEL, *Professor of Management and Finance* (1975)
B.S., Washington State University; M.B.A., Ph.D., University of Oregon.
- JANET M. STRONG, *Assistant Professor; Circulation Librarian* (1973)
A.A., Treasure Valley Community College; B.A., Eastern Oregon State College; M.L.S., University of Washington.
- MARSHALL M. SUGIYAMA, *Assistant Professor of Mathematics* (1974)
B.A., Eastern Washington State College; M.S., Ph.D., Western Washington State College.
- LADDIE J. SULA, *Assistant Professor of Economics* (1975)
B.A., Loras College; M.A., University of Illinois, Urbana.
- ROBERT A. SULANKE, *Associate Professor of Mathematics* (1970)
B.A., Earlham College; M.S., Case Institute of Technology; Ph.D., University of Kansas.
- COLLEEN SWEENEY, *Assistant Professor of Physical Education* (1975)
B.A., M.A., California State University-Chico.
- ROBERT B. SYLVESTER, *Associate Professor of History* (1963)
A.A., Boise Junior College; B.A., M.A., University of California, Santa Barbara.

T

- YOZO TAKEDA, *Professor of Mathematics* (1969)
B.S., University of Michigan; M.A., University of Missouri; Ph.D., University of Idaho.
- JOHN S. TAKEHARA, *Associate Professor of Art* (1968)
B.A., Walla Walla College; M.A., Los Angeles State College; University of Hawaii.
- JOHN A. TAYE, *Instructor in Art* (1975)
B.F.A., University of Utah; M.F.A., Otis Art Institute of Los Angeles County.
- DAVID S. TAYLOR, *Professor of Psychology, Vice-President for Student Affairs* (1972)
B.S.Ed., Northern Illinois University; M.S.Ed., Southern Illinois University; Ph.D., Michigan State University.

- ROBERT W. TAYLOR, *Assistant Professor of Criminal Justice Administration* (1970)
B.A., Boise State College; M.A., California State College; Grossmont Junior College.
- RONALD S. TAYLOR, *Instructor in Art* (1975)
B.A., Boise State; M.F.A., Utah State University.
- WILLIAM K. TAYLOR, *Professor of Music* (1971)
B.M., Cornell College; M.M., Indiana University.
- ALBERT H. TENNYSON, *Instructor in Vocational-Technical Related Subjects* (1966)
B.A., College of Idaho; M.A., University of Idaho.
- GEORGE THOMASON, *Instructor in Music* (1975)
B.A., College of Idaho.
- NAN M. THOMASON, *Assistant Professor of Nursing* (1967)
R.N., St. Luke's Hospital; B.S., Montana State University; M.Ed., University of Idaho.
- CONNIE M. THORNGREN, *Assistant Professor of Physical Education* (1970)
B.A., Idaho State University; M.E., Central Washington State College.
- STEVEN DAVID THURBER, *Associate Professor of Psychology* (1970)
B.S., M.S., Brigham Young University; Ph.D., University of Texas, Austin.
- CARL W. TIPTON, *Associate Professor of Management* (1965)
Iowa Wesleyan College; University of Washington; George Washington University; M.B.A., University of Chicago.
- JAMES W. TOMPKINS, *Assistant Professor of Vocational-Technical Related Subjects* (1963)
A.B., Wheaton College; B.D., Th.B., Westminster Theological Seminary; University of Pennsylvania; Harvard University.
- DAVID P. TORBET, *Professor of Psychology, Director of Counseling and Testing Center* (1966)
B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.
- DEAN C. TOWNSEND, *Assistant Professor of English* (1970)
B.A., University of California at Berkeley; M.A., San Francisco State College; University of California, Santa Barbara; San Jose State College.
- WARREN TOZER, *Associate Professor of History* (1969)
B.A., M.A., Washington State University; Ph.D., University of Oregon.
- ANTHONY THOMAS TRUSKY, *Assistant Professor of English* (1970)
B.A., University of Oregon; M.A., Northwestern University; Trinity College, Dublin.
- JERRY L. TUCKER, *Associate Professor of Education* (1971)
B.S., M.N.S., University of Idaho; Ph.D., University of Washington.
- LLOYD D. TUCKER, *Associate Professor of Mathematics* (1969)
B.A., M.S., Southern Illinois University; Ph.D., University of Oregon.
- WALTER TUCKER, *Instructor in Vocational Technical Education* (1975)
Diploma, Idaho State College; Air Conditioning and Refrigeration.

V

- JOANN T. VAHEY, *Associate Professor; Associate Dean, School of Health Sciences; Chairman, Department of Registered Nursing* (1973)
B.S.N.Ed., College Misericordia; M.S.N., Catholic University; Ed.D., Columbia University.

BOISE STATE UNIVERSITY

Faculty

- LUIS J. VALVERDEZ, *Associate Professor of Romance Languages* (1965)
 B.A., Mankato State College; B.S., Southern Illinois University; M.A., University of Illinois; Ed.D., University of California at Los Angeles; University of Michigan; University of Washington; University of Texas; University of Indiana.
- ROSS E. VAUGHN, *Assistant Professor of Physical Education* (1973)
 A.A., Riverside City College; B.A., Chico State College; M.S., Washington State University.
- WARREN VINZ, *Professor of History, Chairman, Department of History* (1968)
 Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity School; M.A., Ph.D., University of Utah.

W

- WENDEN W. WAITE, *Assistant Professor of Teacher Education* (1976)
 B.S., M.S., Ph.D., Utah State University.
- LARRY L. WALDORF, *Associate Professor of Management* (1970)
 B.S., M.S., Colorado State University; Ph.D., Colorado State University.
- EUNICE WALLACE, *Associate Professor of English* (1968)
 B.A., College of Idaho; Ed.M., Ph.D., Oregon State University; University of California; American University; Idaho State University; University of Utah.
- GERALD R. WALLACE, *Professor of Education; Dean, School of Education* (1968)
 B.A., College of Idaho; M.A., University of California; Ed.D., University of Oregon; Whitman College; Colorado State College; Oxford University.
- STEVEN R. WALLACE, *Instructor in Physical Education* (1972)
 B.S., Boise State College.
- FREDERICK R. WARD, *Associate Professor of Mathematics* (1969)
 B.S., William and Mary; M.S., University of Colorado; Ph.D., Virginia Polytechnic Institute and State University.
- FORREST WARNER, *Instructor in Vocational-Technical Education* (1973)
 Boise Junior College.
- KATHLEEN C. WARNER *Assistant Professor of English* (1966)
 B.A., University of Nevada; M.A., Arizona State University; Indiana University.
- MONT M. WARNER, *Professor of Geology* (1967)
 A.B., M.A., Brigham Young University; Ph.D., State University of Iowa; University of Utah; Cambridge University.
- JOHN E. WARWICK, *Associate Professor of Communication* (1963)
 B.E.(Ed.), Quincy College, Illinois; M.F.A., Catholic University of America.
- TARMO WATIA, *Assistant Professor of Art* (1969)
 B.S., M.F.A., University of Michigan.
- DONALD J. WATTS, *Instructor in Vocational-Technical Education* (1973)
 B.S.C.E., University of Idaho.
- JUDITH L. WATTS, *Instructor in Vocational-Technical Education* (1973)
 B.S., University of Arizona.
- E. ALLEN WESTON, *Associate Professor of Drafting-Design* (1964)
 B.F.A., University of Arizona, M.Ed., Idaho State University, Jefferson Machamer School of Art, Art Center School, USA Engineering Drafting School, College of Idaho.
- WAYNE E. WHITE, *Associate Professor of Business Program Director, Aviation Management* (1965)
 B.S., Northern Arizona University; M.A., Arizona State University; University of Arizona; Wichita State University.

- MARCIA C. WICKLOW, *Assistant Professor of Biology* (1975)
 B.A., M.A., San Francisco State College; Ph.D., Oregon State University.
- THOMAS W. WILBANKS, *Assistant Professor of English* (1964-66, 1969)
 B.A., Trinity University; M.Div., Princeton Theological Seminary; Th.M., Louisville Presbyterian Theological Seminary; Hebrew Union College; University of New Mexico.
- IRENE A. WILCOX, *Professor of Social Work; Chairman, Department of Social Work* (1966)
 B.A., University of Utah; Howard University; M.S.W., Washington University, St. Louis, Missouri.
- MARGUERITE L. WILCOX, *Assistant Professor of Nursing* (1972)
 B.S., Loma Linda University; M.N., University of California, Los Angeles.
- EDWIN E. WILKINSON, *Associate Professor of Psychology, Dean of Student Advisory and Special Services* (1958)
 B.A., Whitworth College; M.S., Washington State University; University of Oregon; University of Akron.
- MARJORIE WILLIAMSON, *Associate Professor of Office Administration, Faculty Senate Secretary* (1967)
 B.S.(Ed.), University of Kansas; M.B.(Ed.), University of Idaho; Washington State University.
- LONNIE L. WILLIS, *Associate Professor of English* (1970)
 B.A., North Texas State; M.A., University of Texas; Ph.D., University of Colorado.
- MONTE D. WILSON, *Professor of Geology* (1969)
 B.S., Brigham Young University; M.N.S., Ph.D., University of Idaho.
- PETER K. WILSON, *Professor of Business Administration* (1966)
 B.A., University of Illinois; J.D., Northwestern University.
- ELLA MAE WINANS, *Associate Professor of Mathematics* (1958)
 B.S., University of Oregon; M.S., New York University; Idaho State University.
- JAMES R. WOLFE, *Associate Professor of Education, Associate Professor of Management & Finance, Director, Extended Day, Weekend University, and Summer Session Programs* (1960)
 B.S., M.B.A., Indiana University; University of California at Berkeley; Idaho State College; Stanford University; Ph.D., Michigan State University.
- BOYD WRIGHT, *Assistant Professor of Art* (1970)
 B.F.A., Utah State University; M.F.A., University of Idaho.
- CHARLES D. WRIGHT, *Professor of English* (1972)
 B.A., Wayne State University; M.A., University of Wisconsin; Ph.D., University of Iowa.
- GILBERT A. WYLLIE, *Associate Professor of Biology* (1955)
 B.S., College of Idaho; M.A., Sacramento State College; Ph.D., Purdue University, Oregon State University, University of Oregon.

Y

- JERRY YOUNG, *Associate Professor of Mathematics* (1964)
 A.A., Centralia Junior College, B.A., (Math), B.A. (Ed.), Central Washington State College; M.A., Washington State University; Ed.D., University of Northern Colorado.
- JOHN R. YOUNG, *Professor of Marketing* (1967)
 B.Ed., Whitewater State College, Wisconsin; M.A., Ph.D., University of Iowa.
- MIKE M. YOUNG, *Assistant Professor of Physical Education* (1970)
 B.A., M.A., Brigham Young University.
- VIRGIL M. YOUNG, *Professor of Education* (1967)
 B.S., M.Ed., Ed.D., University of Idaho.

Z

- MICHAEL P. ZIRINSKY, *Instructor in History* (1973)
 A.B., Oberlin College; M.A., American University; University of North Carolina at Chapel Hill.

EMERITI

- THELMA F. ALLISON, *Associate Professor of Home Economics*
(1946-73)
- WILLIAM S. BRONSON, *Professor of Psychology*
(1954-1970)
- ELSIE BUCK, *Professor of Mathematics*
(1932-34, 1937-68)
- VINA BUSHBY, *Associate Professor of Secretarial Science*
(1946-65)
- EUGENE B. CHAFFEE, *President*
(1932-1967)
- ROBERT deNEUFVILLE, *Professor of Foreign Language*
(1949-1973)
- CLISBY T. EDLEFSEN, *Professor of Business*
(1939-69)
- J. CALVIN EMERSON, *Associate Professor of Chemistry*
(1933-1940, 1960-1973)
- MARJORIE FAIRCHILD, *Associate Professor of Library Science*
(1966-75)
- MILTON FLESHMAN, *Assistant Professor of Auto Mechanics*
(1959-1974)
- LUCILLE T. FORTER, *Instructor in Voice*
(1932-1962)
- JOHN F. HAGER, *Associate Professor of Machine Shop*
(1954-1969)
- ADA Y. HATCH, *Professor of English*
(1932-1967)
- ALICE H. HATTON, *Registrar*
(1959-1974)
- KENNETH L. HILL, *Associate Professor of Education*
(1962-1970)
- NOEL KRIGBAUM, *Assistant Professor of Vocational-Technical Education*
(1955-75)
- ADELAIDE ANDERSON MARSHALL, *Assistant Professor of Music*
(1939-1948, 1966-1972)
- KATHRYN ECKHARDT MITCHELL, *Instructor in Violin*
(1932-38, 1939-72)
- AVERY F. PETERSON, *Assistant Professor of Political Science*
(1965-75)
- CAMILLE B. POWER, *Associate Professor of Spanish & French*
(1932-35, 1936-51, 1954-67)
- HAZEL MARY ROE, *Associate Professor of Office Administration*
(1942-44, 1947-69)
- HAROLD SNELL, *Assistant Professor of Auto Mechanics*
(1958-1969)
- LYLE F. TRAPP, *Assistant Professor of Auto Body*
(1953-1967)
- G.W. UNDERKOFER, *Associate Professor of Accounting*
(1952-1974)
- HELEN WESTFALL, *Associate Professor of Physical Education*
(1962-1970)

Index

- Absences 14
- Academic Disqualification 14
- Academic Probation 14
- Academic Regulations 13
- Accounting Courses 90
- Accreditation 2
- Activities Eligibility 30
- Activity Information Reports 13
- ACT Tests 16
- Additional Baccalaureate degree 16
- Administrative Officers v
- Admission Requirements 2
 - By Equivalency Certificate 3
 - By Examination 5
- Challenging Courses 5
- Credentials 2
 - On Probation 14
- Foreign Students 4
- Graduate 3, 129
- Regular Students 3
- Special Students 4
- To Upper Division 4
- Vocational Technical 3, 133
 - With Advanced Standing 4
- Adult Basic Education 144
- Advanced Placement 10
- Airconditioning, Refrigeration and Heating 143
- Allied Health Studies 121
- Alumni Affairs Office 26
- Anthropology Courses 75
- Application for Housing 32
- Apprenticeship and Trade Ext 144
- Art Courses 38
- Associate of Applied Science 20
- Associate of Science 20
- Athletics 30
- Audit/Credit Registration 5
- Auditing Accounts 7
- Auto Body 140
- Auto Mechanics 140
- Aviation Course 90

- Baccalaureate Minimum Requirements
 - BA—17, BS—18, BBA—18, BFA—19, BM—19
- Baccalaureate Degree Programs 20
- Biology Courses 41
- Board and Room Schedule 6
- Board of Trustees iv
- Boise State University
 - Mission and Objectives 2
 - Accreditation & Affiliation 2
- Botany Courses 41
- Business Education Courses 90
- Business Machine Technology 136

- Calendar vi
- Campus map ii
- Career Services 26
- Campus Store 26
- Center for Business and Economic Research 80
- Center for Guidance, Counseling and Testing 26, 102
- Certificate of Admission 3
- Certificate of Completion 21
- Challenging Courses 12
- Chemistry Courses 43

- Child Care Studies 136, 141
- Classification of Students 14
- C.L.E.P. 10
- Combined Major (Communication/English) 45
- Communication Courses 45
- Continuing Education 13
- Core Requirements 16
- Course Designation 21
- Course Numbering 22
- Course Prerequisite Waiver 15
- Credit by Examination 5, 11
- Credit for Prerequisites Not Taken 15
- Criminal Justice Administration Courses 75
- Curricula
 - Non-Baccalaureate Degree Programs
 - Air Conditioning, Refrigeration, and Heating 143
 - Architecture 66
 - Auto Body 140
 - Auto Mechanics 140
 - Business Machine Tech. 136
 - Child Care Studies 136
 - Dental Assisting 141
 - Distributive Education—Two-Year Programs 140
 - Drafting Technology 137
 - Electrical Lineman 142
 - Electronics Technology 138
 - Engineering 65
 - Fashion Merchandising 140, 89
 - Forestry 41
 - Food Service 139
 - Heavy Duty Mechanics 141
 - Home Economics 57
 - Horticulture 134
 - Industrial Plant Maintenance 143
 - Machine Shop 135
 - Marketing, Mid-Management 140, 89
 - Medical Office Assistant 124
 - Medical Record Science 123
 - Office Occupations 142
 - Operating Room Technology 142
 - Parts Counterman 142
 - Practical Nursing 143
 - Pre-Dental Hygiene 121
 - Radiologic Technology 122
 - Registered Nursing 116
 - Respiratory Therapy 123
 - Secretarial Program 89
 - Small Engine Repair 143
 - Technical—Two-Year Programs 136
 - Vocational—Two-Year Programs 134
 - Vocational—One-Year Programs 140
 - Welding 135
- Baccalaureate Degree Programs
 - Accounting 81
 - Acute Care Nursing 118
 - Advertising Design 37
 - Art 36
 - Biology 40
 - Business Education 82
 - Chemistry 42
 - Communication 44
- Criminal-Justice Administration 73
- Earth Science Education 52
- Economics 83
- Elementary Education 99
- English 47
- Environmental Health 124
- Family Nurse Practitioner 119
- Finance 86
- General Business 84
- Geology 51
- Health Science Studies 121
- History 54
- Industrial Business 85
- Information Sciences 81
- Leadership/Management
 - Nursing 118
- Management 86
- Marketing 88
- Mathematics 58
- Medical Technology 121
- Multi-ethnic Studies 74
- Music 61
- Nursing 117
- Office Administration 88
- Physical Education 103
- Political Science 67
- Preprofessional (Health) Studies 119
- Psychology 105
- Real Estate 87
- Social Science 74
- Social Work 73
- Sociology 74
- Theatre Arts 76
- Data Processing Courses 91
- Delinquent Accounts 7
- Dental Assisting 141
- Diploma 21
- Disciplinary Sanctions 31
- Double Major 16
- Drafting Technology 137
- Early Childhood Education 102
- Economics Courses 91
- Educational Opportunities 10
- Education (Teacher Education) Courses 110
- Electrical Lineman 142
- Electronics Technology 138
- Elementary Education 99
- Eligibility (Student Activities) 30
- Emeriti Faculty 155
- Engineering Courses 66
- English Courses 47
- Enrollment Verification 6
- Entrance Requirements (see Admission Requirements) 2
- Environmental Health Courses 125
- Evening Special Programs 12

- Faculty 145
- Fashion Merchandising 89, 140
- Fees 5-6
- Finance Courses 91
- Financial Assistance 28
- Food Service Technology 139
- Foreign Language Courses 50
- Forestry Courses 42
- French Courses 50
- Full-time Student 2, 5-6

General Business Courses	92	Married Student Housing	32	Residence Definition	5
General Information—Part 1	1	Masters Degree Programs		Respiratory Therapy Courses ...	127
Geography Courses	54	Master of Arts in		Room and Board Costs	6
Geology Courses	52	Elementary Education	111	Russian	50
Geophysics Courses	54	Master of Arts/Science			
German Courses	50	in Secondary Education ...	113	Schedule of Fees and Charges .	5-6
Grading System	13	Art	38	Scholarships	28
Graduate School	129	Business Education	95	Schools of Boise State University	
Graduation Requirements	16	Chemistry	43	Arts and Sciences	35
Associate of Applied Science .	20	Earth Science	52	Business	79
Associate of Science	20	English	47	Education	97
Baccalaureate Degrees	16	History	55	Graduate	129
Additional Degrees	17	Mathematics	59	Health Sciences	115
Bachelor of Arts	17	Music	62	Vocational Technical	133
Bachelor of Business		Theatre Arts	77	Secondary Education	100
Administration	18	Master of Business		Secondary Student Teaching ...	101
Bachelor of Fine Arts	19	Administration	94	Secretarial Courses (See Office	
Bachelor of Music	19	Master of Public		Administration)	93
Bachelor of Science	18	Administration	69	Small Engine Repair	143
Double Majors	16	Mathematics Courses	59	Social Fraternities and Sororities	30
Extension Courses	16	Meal Service Calendar	32	Social Work Courses	73
Hours of Residence	16	Medical Record Science Courses	125	Sociology Courses	75
Certificate of Completion	21	Medical Technology Courses ...	125	Spanish Courses	50
Diploma	21	Minority Interest Courses	23	Special Education	103
		Music Courses	62	Special Services	12
		Music Fees	6	Student Activities	29
				Student Conduct	30
Heavy Duty Mechanics	141	Non-declared Major	15	Student Employment	29
Health Sciences Courses	125	Nursing (Four-year)	117	Student Housing	31
Health Services	26			Residence Halls	31
Held Packets	7			Regulations	32
High School Students		Off-Campus Student Housing ...	32	Student Records	5
Admission Policy	4	Office-Administration Courses ..	93	Student Teaching	101
History Courses	55	Office Occupations	142	Students Undecided on Major ...	15
Home Economics Courses	58	Outreach Services and Programs	12	Student Union	25
Honors Program	10, 23			Summer Sessions	13
Horticulture Service Technician	134				
Housing	31	Parking	7	Teacher Certification	100
Humanities Courses	49	Parts Counterman	142	Teacher Education	98
		Petitions	15	Teacher Education Courses ...	110
Incompletes	13	Philosophy Courses	72	Theatre Arts Courses	78
Independent Study	11	Physical Education Courses ...	106	Transfer Student Admission	4
Industrial Plant Maintenance ...	143	Physical Science Courses	67	Tuition	6
Institutional Mission and		Physics Courses	67		
Objectives	2	Political Science Courses	71	Undergraduate Enrollment in	
Insurance Coverage	7	Practical Nurse Program	143	500-level Courses	15
Interdisciplinary Courses	22	Pre-Dental Hygiene	121	University wide courses	22
Internship	12, 22	Pre-Law	20		
		Pre-Professional Studies (Health)	119	Veterans Admission	3
Library	9	Pre-Technical Sequence	137	Veterans Benefits—Eligibility ...	15
Library Science Courses	111	Pre-Vocational Training	144	Vocational Rehabilitation	27
Library Science Teaching Minor	102	Probation and Disqualification ..	14		
Linguistics Courses	49	Psychology Courses	109	Welding	135, 144
Loans	27			Withdrawals	14
		Radiologic Technology Courses .	127		
Machine Shop	135	Real Estate Courses	93	Zoology Courses	42
Management Courses	92	Refund Policy	6		
Marketing Courses	92	Registration, Credit & Audit	5		
Marketing, Mid-Management		Regulations	13		
Courses	93	Religious Activities	30		

BOISE STATE UNIVERSITY BULLETIN
1976-77 CATALOG ISSUE

ADDENDUM

AUGUST 1976

The following changes to the Boise State University Bulletin 1976 Catalog Issue are effective immediately. Note that as a general rule changes in personnel assignments are not included in the addendum. Reference is made to the current Faculty and Staff Directory and the current semester's Class Schedule - Registration Information for detailed information.

Page 6

Under TUITION AND FEE SCHEDULE, first column, the fee schedule should be changed to read:

<u>Full Time</u>	<u>Idaho Resident</u>	<u>Non-resident</u>
Tuition: (per semester)	\$ 0	\$520.00
Institutional Fees	183.00	183.00
TOTAL TUITION & FEES	183.00	703.00

Page 6

Under RESIDENCE HALLS, rates, change to:

Morrison and Driscoll

Double:	A: \$1204	B: \$1190	C: \$1142
Single:	A: 1384	B: 1369	C: 1322

Towers

Double.	A: 1210	B: 1195	C: 1148
---------	---------	---------	---------

Chaffee:

Double:	A: 1220	B: 1205	C: 1158
Single:	A: 1382	B: 1367	C: 1320

Page 15

Second column, middle, under K. VETERANS, the schedule of credit hours for status for undergraduate students should read as follows:

12 or more semester hours	- full time
9-11 semester hours	- 3/4 time
6-8 semester hours	- 1/2 time

Less than 6 semester hours - Registration fee only.

Page 15

After Section K. VETERANS, insert the following:

"L. SERVICEMAN'S OPPORTUNITY COLLEGE

The necessary mobility of people in military service has always been an obstacle to the completion of an educational program. In addition, inconsistencies in admission and residency requirements, lack of standardization of programs, and little coordination among academic institutions in evaluation of credits, previous training and experience have been further barriers to voluntary education."

Page 15 SERVICEMAN'S OPPORTUNITY COLLEGE (continued)

"The Serviceman's Opportunity College Program (SOC) represents a network of nearly 300 institutions of higher learning which has recognized the needs of servicemen and women and has indicated its intention to meet these needs. The cooperation among these institutions as to policies on admissions, transfer of credits and residency requirements, and their participation in an organized effort geared to opportunities for program completion, represents a new commitment to education.

Boise State University, seeking to remove restrictive requirements which serve as 'barriers' to the serviceman seeking educational experiences, accepts the Serviceman's Opportunity College with the following qualifications:

1. Entrance into this program by a serviceman will be through a signed agreement between the student and the University, specifying responsibilities of both the student and the University.
2. The agreement shall terminate six years from date of approval or six months after serviceman's separation from active duty; whichever comes first.
3. The agreement (and thus the SOC program) will be made available to only those servicemen who have successfully completed (with a GPA of 2.25 or above) fifteen (15) or more hours of college credit through BSU.
4. Residency requirements other than the initial 15 hours prior to the signing of the contract will be waived.
5. Acceptance of any serviceman into the SOC program is contingent upon the agreement of the given department in whose jurisdiction that program lies.
6. No school or department shall be compelled to offer a SOC program-- such programs are voluntary."

Page 22

Second column, under GRADUATE, the following changes:

591 Research should read "591 Project".

596 Independent Study should read "596 Directed Research".

Page 39

For AR-302 History of Twentieth Century Movements in Art, add "spring semester" at the end of the course description.

For AR-361 Studio in Advertising Illustration, change the credits from two to three, change the studio hours from four to six, and substitute the wording "Advisable to take...." for "Prerequisite".

For AR-371 History of Twentieth Century American Art, the last line should read "....will be expected of students; critical writings will be assigned. (It is advisable to take AR-302 first, although this is not a prerequisite). Fall Semester."

Page 40

Under Department of Biology, the following changes:

Under Requirements for Biology Major, I. Bachelor of Science Option,
2. Major requirements, B. Chemistry, change the credits for "B. Chemistry" from 16 to 15, and change "1. General Chemistry...10 credits" to "College Chemistry...9 credits".

Under Requirements for Biology Major, II. Secondary Education Option,
2. Major requirements, change the credits for "B. Chemistry" from 16 to 15.

Page 40

Under the DEPARTMENT OF BIOLOGY the following changes:

Second column, under Biology Major - Bachelor of Science, Freshman Year, change "General Chemistry.....5(1st sem) 5(2nd sem)" to "College Chemistry.....4(1st sem) 5(2nd sem)", and change the total first semester credits for freshman year from 16 to 15.

Second column, under Biology Major - Secondary Education Option, Freshman Year, change "General Chemistry.....5(1st sem) 5(2nd sem)" to "College Chemistry.....4(1st sem) 5(2nd sem)", and change the total first semester credits for freshman year from 16 to 15.

Page 41

Under the DEPARTMENT OF BIOLOGY, Forestry and Wildlife Management, Freshman Year, change "Introduction to Chemistry.....4(1st sem) 4(2nd sem)" to "Essentials of Chemistry.....4(1st sem) 5(2nd sem)", and change the total second semester credits for freshman year from 15 to 16.

Page 42

Under the DEPARTMENT OF CHEMISTRY the following changes:

Under Requirements for Chemistry Major, I. Liberal Arts Option, 2. Major Requirements, A. Chemistry, change the credits for "A. Chemistry" from 45 to 44 and change "General Chemistry.....10 credits" to read "College Chemistry.....9 credits".

Under Requirements for Chemistry Major, suggested program, Freshman Year, change "General Chemistry.....5(1st sem) 5(2nd sem)" to read "College Chemistry.....4(1st sem) 5(2nd sem)", and change the total first semester credits for freshman year from 16 to 15.

Under Requirements for Chemistry Major, suggested program, Sophomore Year, change "Analytical Chemistry" to read "Quantitative Analysis".

Page 43

Under the DEPARTMENT OF CHEMISTRY the following changes:

First column, top, under 2. Major Requirements, A. Chemistry, change the credits for "A. Chemistry" from 39 to 38, and change "General Chemistry.....10 credits" to read "College Chemistry.....9 credits".

first column, suggested program, under Freshman Year, change "General Chemistry.....5(1st sem) 5(2nd sem)" to read "College Chemistry... ..4(1st sem) 5(2nd sem)", and change the total first semester credits from 16 to 15.

Under suggested program, Sophomore Year, change "Analytical Chemistry" to read "Quantitative Analysis".

Change C CHEMISTRY COURSES as follows:

Delete C-101-102 Introduction to Chemistry

Add new course:

C-103 Preparation for College Chemistry(1 credit). A lecture, recitation, and laboratory course designed for students lacking the necessary background for General Chemistry. Emphasis is placed on basic concepts, definitions, chemical problem solving and laboratory manipulations. To be taken concurrently with or prior to the first semester of either Freshman chemistry course. 2 periods per week. Both semesters.

Page 43

Change C CHEMISTRY COURSES as follows:

Add new course:

C-107 Essentials of Chemistry (3 credits). The first semester of a sequence course. A study of basic chemistry concepts in Inorganic and Organic chemistry. Three lectures per week. Prerequisite: High School chemistry or C-103 or concurrent enrollment in C-103. Concurrent enrollment in C-108 is required. Fall semester.

Add new course:

C-108 Laboratory for Essentials of Chemistry (1 credit). The laboratory to accompany C-107. Three lab hours per week. Concurrent enrollment in C-107 is required.

Add new course:

C-109 Essentials of Chemistry (3 credits). A continuation of C-107 to include basic concepts of Biochemistry. Three lectures per week. Prerequisite: C-107 and C-108. Concurrent enrollment in C-110 is required. Spring semester.

Add new course:

C-110 Laboratory for Essentials of Chemistry (2 credits). The laboratory to accompany C-109. 6 lab hours per week. Prerequisites: C-107 and C-108. Concurrent enrollment in C-109 is required.

Delete C-111-112 General Chemistry (changed to C-131-133) Any 200 level or above Chemistry courses have a prerequisite of C-131-132-133-134.

Add new course:

C-131 College Chemistry (3 credits). The first semester of a one-year sequence course. A thorough study of the fundamentals of chemistry including atomic and molecular structure, stoichiometry, physical states and solutions. Three lectures per week. Prerequisite: High school chemistry or C-103 or concurrent enrollment in C-103. Concurrent enrollment in C-132 is required. Fall semester.

Add new course:

C-132 Laboratory for College Chemistry (1 credit). Laboratory work to accompany C-131. 3 lab hours per week. Concurrent enrollment in C-131 is required. Fall semester.

Add new course:

C-133 College Chemistry (3 credits) A continuation of C-131 to include Equilibrium, Redox, Complex Ions. 3 lectures per week. Prerequisite: C-131 and C-132. Spring semester.

Add new course:

C-134 Laboratory for College Chemistry (2 credits). Laboratory work to accompany C-133. To include Qualitative Analysis. 6 lab hours per week. Prerequisite: C-131 and C-132. Spring semester.

Page 44

Change prerequisite statement for C-411G Instrumental Analysis to read:

"Prerequisite: Quantitative Analysis C-211, and C-320, Organic Chemistry. C-320 may be taken concurrently with C-411."

Page 45

Substitute revised course description as follows for CM-111 Fundamentals of Speech-Communication:

"Fundamental principles of effectively preparing, presenting and critically consuming messages in one-to-one, small group, and public speaking contexts. Students may not earn credit in both CM-102 and CM-111."

Page 46

Substitute revised course description for CM 241 Oral Interpretation as follows:

"Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning for selection and project that meaning to his listeners."

Substitute revised course description for CM-311 Speech-Communication for teachers as follows:

"Designed to improve the prospective teacher's awareness of communicative processes related to effective teaching: emphasis on various communication situations confronted by teachers and strategies for maximizing student-teacher relationships."

Page 51

Second column, under Requirements for Geology Majors, Bachelor of Science, I. Geology Major, 2. Major requirements, change "B. Chemistry for Physical Sciences.....8 credits" to read "B. College Chemistry.....9 credits".

Under Geology Major, suggested program, Freshman Year change "Chemistry....4(1st sem) 4(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change total second semester freshman credits from 16 to 17.

Page 52

First column, II. Earth Science Education Major, 2. Major Requirements, change "B. Introduction to Chemistry.....8" to read "B. College Chemistry.....9".

Under Earth Science Education Major, suggested program, Freshman Year, change "Chemistry.....4(1st sem) 4(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change the total second semester Freshman credits from 16 to 17.

Page 54

Under GS GENERAL SCIENCE add the following new course:

GS-305 Teaching Science in the Secondary School (3 credits). A course designed to introduce the prospective secondary school science teacher to an understanding of the nature of science--both as subject matter and as processes of scientific inquiry. The implications of this understanding as they relate to secondary school science teaching are explored in depth in terms of methodology, objectives, and evaluation. Special emphasis is placed on problems of communicating scientific ideas, effective modes of instruction and evaluation, and curricular materials for secondary school science teaching. Spring Semester, alternate years.

Page 57

Under HY HISTORY, Graduate, HY-593 Research and Thesis(6 credits) should read "HY-593 Thesis (6 credits)".

Page 66

Under Common Freshman Year, first column, change "Introduction to Chemistry (C-101-102).....4(1st sem)....4(2nd sem)" to read "College Chemistry (C-131-132-133-134).....4(1st sem)....3(2nd sem)" and change the second semester freshman year total credits from 17 to 16.

Page 67

Under PH PHYSICS, change PH-103 into two courses with the following descriptions:
PH-103 Radiation Physics (2 credits). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Fall semester.

PH-104 Radiation Physics (2 credits). An application of electrical, atomic and nuclear physics to image intensification, fluoroscopy, cine-radiography, video tape systems, stereoradiography, body section radiography, therapeutic radiology and nuclear medicine. Prerequisite: PH-103. Spring semester.

Page 78

Under TA THEATRE ARTS, TA-162 Stage Make-up, change the credit hours from 2 to 3.

Page 81

Under ACCOUNTING MAJOR, Sophomore Year, after "General Electives" add "(Areas I, II, III)".

Under INFORMATION SCIENCES MAJOR, Senior Year, for "General Electives (Area I, II, or III)", change the first semester credits from 6 to 3, and add "Business Policies.....3(1st sem)"

Page 82

Under BUSINESS EDUCATION MAJOR, Basic Business Option, Senior Year, delete "UD Business Electives.....6(1st sem)" and substitute "Office Management...3(1st sem)", and "Administrative Office Procedures.....3(1st sem)".

Page 83

Under BUSINESS EDUCATION MAJOR, Shorthand Option, Freshman Year, delete the 3 credits second semester under Area I Electives. Under Junior Year, delete the last "Elective" entry and substitute "Business Statistics....3 credits second semester".

Under ECONOMICS MAJOR, Bachelor of Arts Program, the following:

Under Sophomore Year, change the "Area I Elective (Field Three)*" credits from 4 to 3.

Under Sophomore Year, delete "Introduction to Finance Accounting (AC 205)3(1st sem)....3(2nd sem)" and substitute with "Introduction to Financial Accounting....3(1st sem)" and "Introduction to Managerial Accounting....3(2nd sem)".

Bottom of page, first footnote, change page number from 31 to 17.

Bottom of page, footnote indicated ***, change page number from 32 to 18.

Page 84

Under Sophomore Year listing at the top of the first column, as follows:

Change second semester credits for "Non-Business Elective" from 5 to 8.

Delete "Principles of Accounting....3(1st sem)....3(2nd sem)" and substitute "Introduction to Financial Accounting....3(1st sem)" and "Introduction to Managerial Accounting....3(2nd sem)".

Under Junior Year, top of first column, under "Business Statistics", delete the 3 credits under second semester, and add the course "Advanced Business Statistics....3(2nd sem)".

Under Junior Year, top of first column, delete "Applied Business Communications....3(2nd sem)" and substitute with "Economics Electives, 3 credits both first and second semesters".

Under GENERAL BUSINESS MAJOR, No Option, the following:

Under Sophomore Year, add the course "Business Statistics....3(1st sem)".

Under Junior Year, delete "Introduction to Financial Accounting" and substitute "Principles of Finance....3(1st sem)".

Page 85

Under INDUSTRIAL BUSINESS MAJOR, Production Option, the following:

Freshman Year, change "introduction to Chemistry" to read "College Chemistry" and change 2nd semester credits from 4 to 3, and total second semester Freshman credits from 17 to 16.

Sophomore Year, under "Physics II & III", change second semester credits from 4 to 3.

Sophomore Year, Add "I and II" after "Business Statistics" and change the second semester credit hours from zero to three.

Sophomore Year, delete "Fundamentals of Speech....3(2nd sem)", and change the total credits first semester from 18 to 16, and second semester from 15 to 16.

Junior Year, change the credit hours for "Production Management" from second semester to first semester.

Junior Year, delete "Adv. Business Statistics....3(1st sem)", and add the course "Fundamentals of Speech....3(2nd sem)".

Senior Year, change the title of "Production Proc. & Controls" to read "Production Decisions & Controls".

Senior Year, change the credit hours for "Electives" from 3 to zero for first semester, and from 5 to 7 for second semester, and add "Business Policies....3(1st sem)". Change the total second semester credits from 14 to 16.

Under INDUSTRIAL BUSINESS MAJOR, Sales Option, Freshman Year, change "Introduction to Chemistry....4(1st sem)....4(2nd sem)", to read "College Chemistry4(1st sem)....3(2nd sem)", and change the total credits first semester from 16 to 17 and second semester from 17 to 16.

Page 86

Under Senior Year, top of first column, change first semester credit hours for electives from 6 to 3, and add the following courses:

Sales Administration...3(1st sem)....0(2nd sem)
 Cost Accounting.....0(1st sem)....3(2nd sem)
 Business Policies.....3(1st sem)....0(2nd sem)

Under FINANCE MAJOR, Freshman Year, under "General Electives (Area I, II, III)" change the first semester credit hours from zero to three.

Page 87

Under Real Estate Electives, bottom of second column, the third line should read "Tax Factors or Principles of Income Taxation".

Page 88

Under MARKETING MAJOR, the following:

Under Freshman Year, delete "Introduction to Business....3(1st sem)", and change the first semester credit hours for "Electives" from 3 to 6.

Under Senior Year, add the course "Business Policies....3(2nd sem)" and change the second semester credit hours for "Electives***" from 9 to 6.

Under OFFICE ADMINISTRATION MAJOR, Senior Year, change the credit hours for first listed "U.D. Electives" for first semester from 6 to 3, and for second semester from 7 to 4. Then add the following new courses:

Price Theory.....3(1st sem)....0(2nd sem)
 U.D. Economics Elective.....0(1st sem)....3(2nd sem)

Page 89

Under Fashion Merchandising, Mid-Management, Sophomore Year, change the title of "In*roduction to Marketing" to read "Consumer Marketing".

Under Marketing-Mid-Management, Sophomore Year, change the title of "Intro-duction to Marketing" to read "Consumer Marketing".

Page 91

Under EC ECONOMICS, In the course description of 303 Price Theory, third line, the fourth word should be "the" instead of "that".

Under EC ECONOMICS, in the course description of 315 Comparative Economic Systems, the second line should read "...and methods of various economic systems, i.e., the goals and methodology of capitalism.....".

Page 92

Under FI FINANCE, 450G Investment Management, under the prerequisites, "FL 303" should read "FI 303".

Under GB GENERAL BUSINESS, 303 Law of Property, the prerequisite listed as "GB 201" should read "GB 202".

Under GB GENERAL BUSINESS, 360 Business Ethics, Government, and Social Responsibility, add at the end of the course description "Either semester".

Under GB GENERAL BUSINESS, 441G Government and Business, the prerequisite listed as "GB 201" should read "GB 202".

Page 93

Under MM MARKETING, MID-MANAGEMENT, the title of 201, "Introduction to Marketing" should be changed to read "Consumer Marketing".

Under RE REAL ESTATE, for the courses 431 Appraisal of Income Properties and 450 Real Estate Brokerage Management, the prerequisite "RE 332" should be changed to read "RE 333".

Pages 94 and 95

Courses in the MBA program will no longer have "MB" designators. Instead, they will have departmental course designators, but will still be listed separately in the catalogs and bulletins. The changes will be as follows:

Core

GB 510 - Bus. & Environment	AC 532 - Acctng., Plan., Control
*GB 512 - Stat. for Bus. Dec.	MG 540 - Org. Theory
MK 519 - Mktng. Anal.	EC 550 - Mgrl. Econ.
FI 530 - Fin. Mgt.	GB 579 - Bus. Policy Form.
	*GB 597 - Quant. for Bus. Dec.

*either course satisfies core

Electives

BE 512 - Bus. Res. & Com. Tech. (was MB 511)	FI 583 - S.T. Finance
MK 520 - Mktng. Probs.	MG 584 - S.T. Ind. Psych
MG 541 - Pers. Policies	MG 585 - S.T. Mgt.
DP 542 - Comp. App. for Mgt.	MK 586 - S.T. Mktng.
AC 580 - S.T. Acctng.	** ___ 590 - Internship
DP 581 - S.T. Info. Sys.	** ___ 596 - Directed Research (was Ind. Study)
EC 582 - S.T. Econ.	** ___ 599 - MBA Seminar
	** ___ 597 - Special Topics

**Will carry department designator according to subject (AC, DP, EC, FI, GB, MK, MG)

Page 95

Under MB REQUIRED COURSES (now with different designators), for GB 512 Statistical Methods for Business Decisions, the following sentence needs to be inserted immediately before the prerequisite statement - "The student who feels weak in Math is advised to take M-561 as a refresher course."

Page 96

Second column, under Additional Information, Section B., change the course designators to read as follows:

GB-510 Business and its Environment
 BE-512 Business Research and Communications
 MK-520 Marketing Problems
 AC-532 Accounting-Planning and Control
 MG-541 Personnel Policy
 EC-550 Managerial Economics

Page 100

Second column, Add to the list of courses available to complete the required twenty hours (middle of column) the course GS 305 - Teaching Science in the Secondary School - 3 credits..

Page 109

Under TE TEACHER EDUCATION, the following is a new title and description for 108 Developmental Reading:

108 Efficient Reading and Effective Study Skills (2 credits). This course is designed to develop the reading and study skills of the college student. Areas covered are organized study techniques, taking examinations, vocabulary building, comprehension of reading material, gaining the main ideas of paragraphs, how to use the library, rapid and flexible reading. Many activities are employed, including multi-media techniques, to aid student development.

Page 110

Under TE TEACHER EDUCATION, the following changes:

Add new course as follows: 422 Curricular Programs for the Severely Handicapped (3 credits). This course is designed to acquaint the student with identification of the severely handicapped student and his educational needs. Emphasis is given to the development of curricula and instructional methods for this type of student, who in all probability will not be found in the regular school classroom. Such areas as severe mental retardation, multiple handicaps, and the severely emotionally disturbed will provide the basic exceptionalities for this course. Prerequisite: TE-391 Psychology of the Exceptional Child or TE-392 Education of the Exceptional Child. Fall semester.

Add new course as follows: 423G Teaching the Severely Handicapped (3 credits). The course is designed to aid participants to gain skills necessary in teaching the severely handicapped. Updating of information and skills relative to research in this area will be given high priority. Students will be required to read recent literature, participate in classroom activity and to develop and field test their own curricula model. Prerequisites: successful completion of TE-422. Curricular Programs for the Severely Handicapped and/or graduate status. Spring semester.

Add new course as follows: 450G Behavior Intervention Techniques (3 credits). This course is designed for teachers, counselors, and administrators to gain understanding of the principles of behavior and the application of behavioral analysis procedures. The major emphasis will be based upon the Learning Theory Model and Intervention Strategy to deal with children in classroom and the relationship of their behavior to the environment. Prerequisite: TE-391 Psychology of the Exceptional Child or permission of the instructor. Either semester.

Change the course description of 462 Curriculum in Early Childhood Education to read as follows: "All areas of the curriculum will be explored. Various early childhood curriculums from national programs will be examined. The processes and materials for intellectual and language development examined and utilized."

Delete the course 463 Teaching Strategies in Early Childhood Education.

Change the title and course description of 464 to read as follows: "464 Teaching and Organizational Strategies in Early Childhood Education (ages 0 thru 8) (3 credits). Learning Centers, instructional materials, (software and hardware) individualization of instruction, small and large group instruction and video equipment will be covered. The use

of aides, parents, and other community resources in the classroom will be discussed along with techniques for evaluating their progress. The use of British Infant and Primary Schools will be explored in depth as will various United States open-classroom models."

Add new course as follows: 465 Creating Materials in Early Childhood Education (ages 0 thru 8) (3 credits). Students will learn to make, for their classrooms, inexpensive materials that are best suited to meet the objectives of their lessons. Various materials such as independent study devices, display devices, pocket charts, self-correctional devices, circuit boards, programmed instruction, muppets, puppets, and games will be covered. Students will be charged a lab fee which will be used to purchase instructional supplies.

Page 117

Second column, under CURRICULUM, Freshman Year, Change "Chemistry(C-101)" to read "Essentials of Chemistry".

Page 120

Under REQUIREMENTS FOR PRE-MEDICAL, etc., under I. Biology Option, 3. Chemistry Requirements, change the credit hour requirements for "3. Chemistry Requirements" from 24 to 23, and change "General Chemistry.....10 credits" to read "College Chemistry.....9 credits".

Under REQUIREMENTS FOR PRE-MEDICAL, etc., the following changes:

Under II. Chemistry Option, 3. Chemistry Requirements, change the credit requirements for "3. Chemistry Requirements" from 40-41 to 39-40, and change "General Chemistry.....10 credits" to read "College Chemistry..9 credits".

Under suggested programs, Chemistry Option, Freshman Year, change "General Chemistry" to "College Chemistry" and change the first semester credit hours from 5 to 4, and change the total first semester credit hours from 16 to 15.

Under suggested programs, Biology Option, Freshman Year, change "General Chemistry" to "College Chemistry" and change the first semester credit hours from 5 to 4, and change the total first semester credit hours from 16 to 15.

Page 121

First column, under CURRICULUM, change "General Chemistry" to read "College Chemistry".

First column, Under PRE-DENTAL HYGIENE, Sophomore Year, the first lines concerning chemistry should be changed to read:

"Essentials of Chemistry or College Chemistry.....4(1st sem)...5(2nd sem)." and the total credits for the first semester should be changed from 14-16 to 14-15, and total credits for second semester should be changed from 15-17 to 16-17.

Second Column, under HEALTH SCIENCE STUDIES, BACHELOR OF SCIENCE, the following:

Under 1. Requirements, fifth line, "General Chemistry...10" should be changed to read "College Chemistry...9", and the subtotal should be changed from 83 credits to 82 credits.

Page 121

Second column, etc. (continued):

Under 1. Requirements, delete "General Biology...10 credits" and "Physiology.....4 credits".

Under 2. Electives (science) 6 courses, fourth line, "Analytical Chemistry (5)" should be changed to read "Quantitative Analysis (5)".

Page 122

First column, REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR, under 1. Completion of basic core requirements, the following:

Change "General Chemistry....10" to read "College Chemistry....9".

Change "Physiology" to read "Mammalian Physiology (Z-401)".

Page 124

First Column, under Medical Office Assistants, Sophomore Year, the following:

Change the title of "Communication in Business" to read "Applied Business Communication".

Change the title of "Principles of Accounting" to read "Introduction to Financial Accounting".

Second column, under REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR, D. Science Requirements, change the credits for "D. Science Requirements" from 69 to 68, and change "General Chemistry....10" to read "College Chemistry....9".

Under ENVIRONMENTAL HEALTH, suggested program, Freshman Year, change "General Chemistry" to read "College Chemistry" and change the first semester credit hours from 5 to 4.

Page 125

First column, top of page, continuation of Freshman Year, change total credits for first semester from 16 to 15.

Under Courses, H HEALTH SCIENCES, the prerequisite for 210 Principles of Pharmacotherapeutics (Pharmacology) should read "Prerequisites: C 107-108-109-110 or C 207-208 or C 317-318; B 107 or B 401".

Page 132

Second column, under University-Wide Numbering of Graduate Offerings,

593 should read "593 Thesis", deleting the word Research.

596 should read "596 Directed Research", deleting the words Independent Study.

Clep (Subject Matter)

Exam Title	BSU Course # & Credits	Minimum score required for credit
American Government	PO 101 (3)	50*
Analysis & Interputation of Lit	E 102 (3)	50*
Biology	B 101 & 102 (8) B 100 (4)	50
College Alg. & Trig	M 111 (5)	49
Computers & Data Processing	DP 210 (3)	46
English Composition	E 101 (3)	50*
General Chemistry	C 101 & 102 (8)	48
General Psychology	P 101 (3)	50
Intro to Business Management	MG 301 (3)	47
Intro to Accounting	AC 205 & 206 (6)	50
Introductory Bus. Law	GB 301 (3)	51
Calculus with Analytic Geometry	M 112 (5)	50
Intro Micro & Macroeconomics	EC 201 & 202 (6)	48
Intro to Microeconomics	EC 202 (3)	48
Intro to Macroeconomics	EC 201 (3)	48
Intro Marketing	MK 301 (3)	48
Intro to Sociology	SO 101 (3)	50
Money & Banking	EC 301 (3)	48
Statistics	M 361 (4)	50

Clep (Subject Matter)

Exam Title	BSU Course # & Credits	Minimum score required for credit
American Government	PO 101 (3)	50*
Analysis & Interpretation of Lit	E 102 (3)	50*
Biology	B 101 & 102 (8) B 100 (4)	50
College Alg. & Trig	M 111 (5)	49
Computers & Data Processing	DP 210 (3)	46
English Composition	E 101 (3)	50*
General Chemistry	C 101 & 102 (8)	48
General Psychology	P 101 (3)	50
Intro to Business Management	MG 301 (3)	47
Intro to Accounting	AC 205 & 206 (6)	50
Introductory Bus. Law	GB 301 (3)	51
Calculus with Analytic Geometry	M 112 (5)	50
Intro Micro & Macroeconomics	EG 201 & 202 (6)	48
Intro to Microeconomics	EG 202 (3)	48
Intro to Macroeconomics	EG 201 (3)	48
Intro Marketing	MK 301 (3)	48
Intro to Sociology	SO 101 (3)	50
Money & Banking	EG 301 (3)	48
Statistics	M 361 (4)	50