Memorandum

To: Sandi Smith, Graduation-Clerk
From: Duane Akroyd, Director, Radiologic Technology Program
RE: Standardized Procedure for Transfer Students in Radiologic Technology
Date: March 10, 1982

Presently more students in other states are completing their Associate Degree in Radiologic Technology and applying to Boise State to complete their Bachelor Degree in Radiologic Technology. In reviewing a few of these cases a basic problem has arisen and it deals with transferred credits from an Associate Degree in Radiologic Technology to our Bachelor Degree Program. Below is my proposal:

If a student meets the below criteria:

1. Graduated from accredited college with Associate Degree
2. Associate Degree in Radiologic Technology
3. Radiologic Technology Program must be accredited by Joint Review Committee on Education in Radiologic Technology and American Medical Association
4. Student is registered or registry eligible for certification from the American Society of Radiologic Technologists

Then I recommend that he or she receives all credits for all following listed professional Radiologic Technology courses at Boise State University.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Practicum, RD 211</td>
<td>2</td>
</tr>
<tr>
<td>Radiographic Positioning I, RD 222</td>
<td>3</td>
</tr>
<tr>
<td>Radiographic Technique &amp; Control, RD 226, 252</td>
<td>6</td>
</tr>
<tr>
<td>Radiographic Physics, PH 103, 104</td>
<td>5</td>
</tr>
<tr>
<td>Intro to Radiologic Science, RD 232</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Clinical Experience, RD 238</td>
<td>1</td>
</tr>
<tr>
<td>Radiographic Positioning II, RD 242</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Experience, RD 285</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Experience, RD 375</td>
<td>5</td>
</tr>
<tr>
<td>Clinical Practicum, RD 311, 321</td>
<td>2</td>
</tr>
<tr>
<td>Radiographic Positioning III, RD 316</td>
<td>4</td>
</tr>
<tr>
<td>Special Radiographic Procedures, RD 360</td>
<td>4</td>
</tr>
<tr>
<td>Medical &amp; Surgical Diseases, RD 350</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Experience, RD 385, 395</td>
<td>12</td>
</tr>
<tr>
<td>Seminar in Radiologic Science, RD 336</td>
<td>4</td>
</tr>
<tr>
<td>Radiographic Positioning IV, RD 320</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Experience, RD 397</td>
<td>5</td>
</tr>
</tbody>
</table>

Although credits and course titles may not match up exactly from one Associate Degree program in Radiologic Technology to another, if the program is accredited as per aforesaid agencies this assures a reasonable continuity of content in the discipline. Although specific curriculum content may be structured differently the total content at the end is very similar.

Please contact me on this, as it is a very important consideration for all students with Associate Degrees transferring into our Bachelor Degree program.

pb

Copy to: Department Chairman
Just received a copy of the new University of Idaho catalog and thought you would be interested in their Computer Science program.

Our main concern with the program, of course, is how you will regard their CS-100 class. THAT is the one Computer Science class required of all Business Majors so I PRESUME you can equate it with our IS-210.

If by chance a transfer student from U of Idaho had completed their CS-111 ("Intended for CS Majors") and decided that at BSU he would be a Marketing Major or a Management Major -- or whatever -- could we use the CS-111 as equivalent to our IS-210? YES

Barbara Parrish and I would appreciate your words of wisdom regarding their new (to us) CS line-up. Thanks for your help.

But the CS-111 student could take a departmental challenge exam based on IS-210.

ECM
All users of the BSU Catalog, 1982-83 edition, are advised that the following changes, corrections, and additions have been approved for implementation. The 1982-83 edition, with addenda, will be used for two years.

Page 19

TUITION AND FEES

<table>
<thead>
<tr>
<th></th>
<th>Idaho Resident</th>
<th>Non-Resident</th>
<th>Foreign Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (Per Semester)</td>
<td>$0.00</td>
<td>$950.00</td>
<td>$1000.00</td>
</tr>
<tr>
<td>Institutional Fees (Undergraduate)</td>
<td>400.50</td>
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</tr>
<tr>
<td>Institutional Fees (Graduate)</td>
<td>485.50</td>
<td>485.50</td>
<td>485.50</td>
</tr>
<tr>
<td>Total Tuition and Fees (Undergraduate)</td>
<td>400.50</td>
<td>1350.50</td>
<td>1400.50</td>
</tr>
<tr>
<td>Total Tuition and Fees (Graduate)</td>
<td>485.50</td>
<td>1435.50</td>
<td>1485.50</td>
</tr>
</tbody>
</table>

**Payment of full-fees does not necessarily constitute full-time enrollment. Please see page 25 for credit hour requirements.

Other Fees

- Part-time (undergraduate courses) $48.50 per semester hour
- Part-time (graduate courses) $56.00 per semester hour
- Summer (undergraduate) $43.50 per semester hour
- Summer (graduate courses) $51.00 per semester hour
- Non-resident Tuition (part-time) $30.00 per semester hour
- Application Processing Fee $10.00
- Non-refundable
- Late Registration Fee $50.00
- To apply when petition is required to register

Overload Fee $40.00 per credit hour cost for every credit of 20 or more (Effective Spring '83 semester)

Page 22

Board and Room Charges*

Meal Options:

A. 7 day / 19 meals (breakfast, lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday)
B. 7 day / 14 meals (lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday)
C. 5 day / 10 meals (lunch, dinner, Monday through Friday)

1982-83 Prices

<table>
<thead>
<tr>
<th>Residence Rooms</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double</td>
<td>$2095</td>
<td>$2065</td>
<td>$2005</td>
</tr>
<tr>
<td>Single</td>
<td>$2425</td>
<td>$2395</td>
<td>$2335</td>
</tr>
<tr>
<td>Large Single</td>
<td>$2652</td>
<td>$2622</td>
<td>$2562</td>
</tr>
</tbody>
</table>

Rental Rates Per Month (1982-83 prices)

University Courts:

- Small One Bedroom $131.00
- Large One Bedroom $173.00
- Two Bedroom $202.00
- Three Bedroom $231.00

University Heights:

- One Bedroom $202.00
- Two Bedroom $235.00

University Manor:

- One Bedroom $202.00
- Two Bedroom $235.00

The above prices are subject to change.

Page 29

Interdisciplinary Courses

Following HP 492 Honors Colloquium, add following paragraph:

With approval of the University Curriculum Committee, Honors courses, excluding summer readings, may be applicable to core. No more than two Honors courses may be from one area.

Page 35

MAJORS AND DEGREES OFFERED, CONTINUED

ADDITIONS:

- Change MA in Elementary Education to read:
- MA/S in Education
- Art
- Business Education
- Earth Science
AR Courses - add the following:

AR 255 Architectural Graphic Communication (1-4-3) (F). Study of architectural presentation techniques, including rendering, shades and shadows, model building, use of color. Also study of basic orthographic projection, including plans, elevations and sections. Advisable to take AR 105 and AR 106 before enrolling in AR 255 Architectural Graphic Communication.

AR 256 Basic Architectural Design (1-4-3) (S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 255 Architectural Graphic Communication. Advisable to take AR 105, AR 106, and AR 255 before enrolling in AR 256 Basic Architectural Design.

AR 270 History of American Architecture I (3-0-3) (F). History of early American architecture from developments after Plymouth Rock landing in the early 17th century through mid 18th century.


AR 346 Photography: Zone System (2-4-3) (F). This course deals with the important relationship that exists between the negative and the print in photography. This course will provide systematic accounting of the numerous variables of personal equipment, procedures, films, developers, enlarging papers, and style. Technique as the clarifier of idea will be stressed. Prerequisite: AR 251 or permission of instructor.

Page 80

ACCOUNTING MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:
Change: General Electives (Area I, II, III) 9 9

To: Advanced Accounting AC 207 3
Approved Core Courses in Area I* 6
Approved Core Courses in Area II* 6
Non Business Electives** 3 3

Sophomore Year:
Change: Intermediate Accounting I AC 207 3
Intro. Managerial Accounting AC 206 3

To: General Electives (Areas I, II, III) 7 4
Approved Core Courses in Area III* 4 6
Non Business Electives** 17 18

Junior Year:
Delete: Business Law II GB 302 3

Semester Totals 15 15

Senior Year:
Change: Advanced Accounting AC 470 3

To: Advanced Accounting I, II AC 460-470 3 3
Upper Division Econ Elective 3 3
Business Law II GB 302 3
General Electives 3 10
Electives 3 7

*Approved Core Courses are listed under General University Requirements.
**See BBA Requirements

Page 81

AC ACCOUNTING COURSES

AC 207 Intermediate Accounting to be deleted.

Replace AC 304 and AC 306 with the following:

AC 304 Intermediate Accounting I (3-0-3) (F/S). The course includes problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting problems and preparation of work sheets, financial statements and development of special reports are discussed. Future and present value concepts, current assets and inventories are also included. Prerequisite: AC 206.

AC 305 Intermediate Accounting II (3-0-3) (F/S). Continuation of AC 304. Operational fixed and intangible assets are covered. Also covered are: accounting for stockholders equity, accounting changes, long-term investments in equity securities and price level changes. Prerequisite: AC 304.

AC 351 - change prerequisite from AC 205 to AC 206.
Replace AC 360, Government Accounting, with the following:
AC 460 Advanced Accounting I (3-0-3) (F/S). Topics covered in the course include: Governmental and non-profit accounting interim reports, segment reporting, corporate liquidations, estates and trusts, and franchises and consignments. Prerequisite: AC 306.

Replace AC 470 Advanced Accounting, with the following:
AC 470 Advanced Accounting I (3-0-3) (F/S). Study of partnership organization, business combinations and consolidated financial statements; International accounting standards. Prerequisite: AC 460.

AC 482 CPA Problems, change prerequisite statement to:
Prerequisite: AC 405 and AC 460 or permission of instructor.

Pages 83/84
Delete - Office Systems, Associate of Science Degree, Word Processing Program, and on page 84, the Secretarial Program. Delete following courses: OA 101, OA 105, OA 115.

Page 91
MARKETING MAJOR, SENIOR YEAR
Change to:

SENIOR YEAR:
*Advanced Marketing Mgmt MK 425 .............   3
Consumer Behavior MK 307 .......................  3
Marketing Electives ..............................  3
Business Policies GB 450 ........................  3
Marketing Research MK 415 ........................  3

***Electives .....................................  17

Under Two Year Programs delete - Fashion Merchandising, Mid-management

Page 92
MARKETING, MID-MANAGEMENT COURSES
Following courses have been deleted: MM 103, MM 107, MM 109, MM 111.

Page 99
PSYCHOLOGY COURSES
P 401 and P 495, change from (3-0-3) to (0-3-3).

Page 107
GRADUATE PROGRAMS IN EDUCATION
Change paragraph to read:
A Master of Arts/Science in Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 11 areas of emphasis: (1) Curriculum and Instruction, (2) Early Childhood, (3) Reading, (4) Special Education, (5) Art, (6) Business Education, (7) Earth Science, (8) English, (9) History, (10) Mathematics, and (11) Music. The specifics of the programs are presented in the Graduate School Section of this Catalog.

LIBRARY SCIENCE COURSES
Delete LS 101 Introduction to use of Books and Libraries.
Change title of LS 102 to Read: Library Skills I (0-2-1).
Add new courses:
LS 103 Library Skills II (0-2-1). Builds on LS 102 Library Skills I and introduces additional and more sophisticated library materials and techniques. Prerequisite: Prior or concurrent enrollment in LS 102.
LS 201 Introduction to the Use of Libraries and the Teaching of Library Skills (2-2-3) (F, Su). Introduces the efficient use of library materials; catalogs, indexes, and reference sources in various subject fields and prepares teachers and librarians to teach library skills to elementary and secondary school students.

Change Course Descriptions as follows:
LS 301 Library Organization and Administration (3-0-3) (F, Su). (Every third fall: 1965, 1968 ..., every third spring: 1964, 1967 ..., every third summer: 1963, 1966 ...). An introduction to the development, organization and management of all types of libraries with emphasis upon the school library and its place in the instructional program. Prerequisite: LS 201 or permission of the instructor.

LS 311 Reference and Bibliography (3-0-3) (F, S, Su). (Every third fall: 1965, 1968 ..., every third spring: 1964, 1967 ..., every third summer: 1963, 1966 ...). Introduction to evaluation and use of basic reference sources, principles, techniques and issues of reference service; includes coverage of standard reference books, indexes, abstracts, and bibliographies found in school or small public libraries. Prerequisite: LS 201 or permission of instructor.

Page 113
MEDICAL RECORD SCIENCE
SOPHOMORE YEAR:
Change Elective (Area II) 3 Cr from 1st to 2nd semester.
Add: Introduction to Health Law and Ethics H 213, 2 Cr in 1st semester.
Delete: Basic Legal Concepts for Health Practitioners H 210, 3 Cr 2nd Semester.
Credit Totals: 16 1st Semester, 15-16 2nd Semester.

Page 114
RADIOLOGIC TECHNOLOGY
SENIOR YEAR:
Change Intro to Business GB 101 to Elective Area II.
Add course number to Radiographic Quality Assurance RD 408.

Page 115/116
RESPIRATORY THERAPY PROGRAM
Delete 2nd and 3rd paragraphs at beginning of section, beginning with "The Respiratory Therapy Program at BSU consists ... ."
Add in lieu thereof:
The Respiratory Therapy curriculum consists of a preprofessional year followed by two years of professional study leading to an Associate of Science degree in Respiratory Therapy. The Associate of Science degree qualifies the student for the examination of the National Board of Respiratory Therapy. If desired, the student may continue on to the Baccalaureate degree.
The Respiratory Therapy Program has been granted accreditation by the Committee on Allied Health Education and Accreditation of the American Medical Association.

FIRST PROFESSIONAL (SOPHOMORE) YEAR:
Replace Introduction to Biophysics with Foundations of Physical Science PS 100
Add, immediately preceding COURSE OFFERINGS:
BACCALAUREATE DEGREE CURRICULUM
Prerequisite for admission: Each student must have met and satisfactorily completed all requirements for the associate degree in Respiratory Therapy at BSU, or have an associate degree in Respiratory Therapy and/or related discipline from a comparable college/university program, and have permission of the program director.

SENIOR YEAR

1ST SEM.  SEM.
Personnel Administration MG 305 .............  3 —
Human Resource Management MG 401 ...........  3 —
Intro Date Processing DP 210 or Intro Financial Accounting AC 205 .......  3 —
Electives (Area I or II) .........................  3
Compensation Management MG 406 .............  —  3
Respiratory Therapy Colloquium RT 401 ..........  3 —
Electives (Area I) ................................  —  6
Page 118

HEALTH SCIENCES COURSES

Delete H 210 Basic Legal Concepts for Health Practitioners

Add the following new course:

H 213 Introduction to Health Law and Ethics (2-0-2) (F). A broad introduction to the basic legal and ethical concepts considered to be essential in the care of clients by health care providers. A foundation course for instruction in the specialized application of this content in the students' major health care disciplines.

Page 125

PRE-VETERINARY MEDICINE — BS

Change second paragraph, second line to read "average of at least 3.20..."

Change fourth paragraph last sentence to read "The 300 hours must be completed by November 1 of the year of application to WSU..."

Page 127

GRADUATE SCHOOL

Change PROGRAMS AND AREAS OF EMPHASIS to:

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Arts/Science in Education, and Master of Public Administration.

AREAS OF EMPHASIS


The Master of Public Administration Degree Program has three areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

Pages 134-137

School of Education

MASTER OF ARTS—SCIENCE IN EDUCATION

GENERAL REQUIREMENTS

Admission will be granted to applicants who hold a Bachelor degree from an accredited college or university and who have some professional relationship to 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 GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA 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.

A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chairperson 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 University's course offerings that will enable the candidate to strengthen a competency identified in their program. The candidate, in cooperation with the advisor, will choose courses which will meet the individual's needs as a teacher. Specific courses are listed within each area of emphasis.

AREAS OF EMPHASIS

Art, Business Education, Earth Science, English, History, Mathematics, Music, Curriculum and Instruction, Reading, Special Education, and Early Childhood Education.

Those student selecting one of the following areas of emphasis will follow the procedures set forth by respective departments: Art, Business Education, Earth Science, English, History, Mathematics and Music.

The common Core courses for the Graduate Program in Art, Business Education, Earth Science, English, History, Mathematics and Music emphases are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 570 Graduate Core - Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>TE 563 Conflicting Values in Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Elective Courses (Select 2 from the following)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 564</td>
<td>1</td>
</tr>
<tr>
<td>TE 565</td>
<td>1</td>
</tr>
<tr>
<td>TE 566</td>
<td>1</td>
</tr>
<tr>
<td>TE 568</td>
<td>1</td>
</tr>
<tr>
<td>TE 569</td>
<td>1</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 6

Additional credits to the above will be determined by the respective departments.

OPTION REQUIREMENTS

The Education Graduate Program provides two options for those selecting one of the following emphases: Curriculum and Instruction, Early Childhood, Reading, and Special Education: Option I Thesis/Project and Option II Written Comprehensive Examination.

OPTION I

(Thesis/Project)

Required of all candidates — Core Program | 9 |
Required of all candidates — Fundamentals of Educational Research for Teachers TE 551 | 3 |
Required of all candidates — Theses/Project | 6 |
Selected Elective and/or Specific Requirements | 15 |

33

A Thesis/Project, as mutually agreed upon by the Option I candidate and the committee, is required of the candidate. Selection of a Thesis/Project implies a research emphasis with a Thesis format. Selection of a Project implies a Project directly related to instruction or some other aspect of an educational program.

OPTION II

(Comprehensive Examination)

Required of all candidates — Core Program | 9 |
Required of all candidates — One of the following:
  Fundamentals of Educational Research for Teachers TE 551 | 3 |
  Interpreting Educational Research TE 565 | 1 |
Select Electives and/or Specific Requirements | 23-21 |
(Thesis/Project not required) | 33 |

Required of all candidates — A comprehensive written examination at the end of the coursework. This examination is to be tailored by each candidate's committee specifically for that candidate following guidelines established by the department. After the candidate has written the examination, the committee will meet with the candidate to review and analyze the outcome of the examination and clarify the results prior to final approval or rejection.

Graduate Core for Curriculum and Instruction, Reading, Special Education, and Early Childhood Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 570 Graduate Core - Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>TE 571 Graduate Core - Directed Writing</td>
<td>3</td>
</tr>
<tr>
<td>TE 563 Conflicting Values in Education</td>
<td>1</td>
</tr>
<tr>
<td>TE 564 Creative Teaching - Secondary School (1 cr.)</td>
<td>2</td>
</tr>
<tr>
<td>TE 565 Interpreting Educational Research (1 cr.)</td>
<td>1</td>
</tr>
<tr>
<td>TE 566 Learning Theory and Classroom Instruction (1 cr.)</td>
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</tr>
<tr>
<td>TE 568 Techniques of Classroom Management (1 cr.)</td>
<td>1</td>
</tr>
<tr>
<td>TE 569 Testing and Grading (1 cr.)</td>
<td>1</td>
</tr>
<tr>
<td>TE 573 Creative Teaching in Elementary School (1 cr.)</td>
<td>1</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 9
Curriculum and Instruction

1. Graduate Core ............................................ 9
2. TE 581 Curriculum Planning and Implementation ..... 3
3. TE 582 Analysis and Improvement of Instruction ..... 3
4. Content area courses ..................................... 9
5. Elective options (choose A or B, below) ................. 9

A. Thesis/Project Option
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   TE 591/593 Thesis/Project ................................ 6
B. Comprehensive Written Examination Option
   Either
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   Or
   TE 566 Interpreting Educational Research (taken as part of 9 credit core)

Electives ....................................................... 6 or 9
TOTAL CREDITS .............................................. 33

Early Childhood Emphasis

Required Courses:
1. Graduate Core ............................................ 9
2. TE 543 Childhood Education - Research and Review .... 3
3. TE 544 Advancing Physical and Intellectual Competencies in Early Childhood Education .... 3

Selected Electives (6):
Creativity in Early Childhood Education TE 545 .......... 3
Diagnosis & Evaluation in Early Childhood Education TE 546 ................................................. 3
Language Acquisition & Development in Early Childhood Education TE 547 ......................... 3
Program Development in Early Childhood Education TE 548 ................................................. 3

A. Thesis/Project Option
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   TE 591/593 Thesis/Project ................................ 6
B. Comprehensive Written Examination Option
   Either
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   Or
   TE 566 Interpreting Educational Research (taken as part of 9 credit core) ......................... 1-3

Open Electives ................................................... 3-11
TOTAL CREDITS .............................................. 33

Special Education

1. Graduate Core ............................................ 9
2. TE 450G Behavior Intervention Techniques .......... 3
3. TE 515 Development of Skills for Teaching Pupils with Learning Difficulties OR
   TE 517 Development of Skills for Teaching the Mentally Retarded ..................................... 3
4. TE 580 Practicum in Mental Retardation or Learning Disabilities ...................................... 4
5. Elective Options (choose A or B, below) ............... 14

A. Thesis/Project Option
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   TE 591/593 Thesis/Project ................................ 6
   Electives ....................................................... 5
B. Comprehensive Written Examination Option
   Either
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   Or
   TE 566 Interpreting Educational Research (taken as part of 9 credit core)

Electives ....................................................... 11 or 14
TOTAL CREDITS .............................................. 33

NOTE: An Idaho endorsement for teaching special education at the secondary level requires 30 semester credits of special education courses.

Reading

1. Graduate Core ............................................ 9
2. TE 502 Diagnosis of Reading Problems ................. 3
3. TE 503 Remediation of Reading Problems ............. 3
4. TE 504 Seminar in Reading ................................ 3
5. TE 507 Relating Reading Processes to Secondary School Subjects ...................................... 3
6. TE 508 Teaching Reading in the Secondary Schools .... 3
7. Elective Options (choose A or B, below) ............... 9

A. Thesis/Project Option
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   TE 591/593 Thesis/Project ................................ 6
B. Comprehensive Written Examination Options
   Either
   TE 551 Fundamentals of Educational Research for Teachers ............................................. 3
   Or
   TE 566 Interpreting Educational Research (taken as part of 9 credit core)

Electives ....................................................... 6 or 9
TOTAL CREDITS .............................................. 33

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TE COURSES

Delete TE 567 Teaching Subject Content Through Reading.

Add:

TE 582 Analysis and Improvement of Instruction (3-0-3). Techniques will be taught to help teachers assess their strength and weaknesses and implement plans for self-improvement. Practice will be provided in using tools of analysis, which may include content analysis, Flander's Interaction Analysis System, student performance, and nonverbal behavior. Students will be required to develop and implement plans for improving the quality of instruction in their classrooms.

Page 138-142

MASTER OF ARTS/SCIENCE

Change all Master of Science, Secondary Education to read: Master of Arts in Education.

Change all Master of Science, Secondary Education to read: Master of Science in Education.

Change all references to Secondary Education Core Courses TE 560 to read:
Education Core Courses TE 570 ................................................. 6

Page 146

DENTAL ASSISTING COURSES

Change DA 104 Dental Radiology from (0-4-2) to (0-8-4).

SURGICAL TECHNOLOGY

9-Month Program, change to read:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST 100 Introduction &amp; Basic Sciences</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>ST 101 Operating Room Techniques</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>ST 102 Sterilization &amp; Disinfection</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>ST 110 Care of Surgical Patient</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>ST 112 Surgical Procedures</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>ST 131 Clinical Practice</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>ST 132 Advanced Clinical Practice</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>PE 297 First Aid (Multimedia)</td>
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<td>1</td>
</tr>
<tr>
<td>Z 111 Anatomy and Physiology</td>
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<td>4</td>
</tr>
<tr>
<td>Z 112 Anatomy and Physiology</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

The above credit hours are assigned to represent 15 contact hours of class for each credit and 60 contact hours for each laboratory or clinical credit hour.

The Surgical Technology Program is a competency based curriculum containing modules developed for individual student progress. Each of the classes (see above) contains modules complete with reading assignments, laboratory practice assignments and a written test to let the student know when mastery of the module has been accomplished. All modules must be successfully completed to qualify for a Certificate of Completion.
The student is required to be concurrently enrolled in Human Anatomy and Physiology I (111, Z 112, and First Aid Core Block I), or have recently completed those classes successfully (C or better).

Enrollment is limited by the clinical facilities available and the applicant must participate in a selection process prior to enrollment.

Classes begin Fall Semester only.

ST 100 Introduction and Basic Sciences (3-0-3) (F) Includes modules: (1) The Health Care Team and Its Language; (2) The Evolution of Asepsis; (3) Ethical, Moral and Legal Responsibilities; (4) The Operating Room Suite; (5) Principles of Asepsis; (6) Introduction to Pharmacology; (7) Introduction to Otolaryngology; (8) Introduction to Treatment of Fractures; (9) Diagnostic Procedures.

ST 101 Operating Room Techniques (3-3-4) (F). Includes modules: (1) Safety and Economy in the Operating Room; (2) Duties of the Scrub and Circulating Technician; (3) The Surgical Hand Scrub, Gowning and Gloving; (4) Draping Techniques; (5) Sutures and Needles; (6) Sponges, Dressings, Drains, Care of Specimens; (7) Instruments and Special Equipment.

ST 102 Sterilization and Disinfection (1-1-1) (F). Includes modules: (1) Introduction to Microbiology - The Microbe; (2) Introduction to Microbiology - The Body's Defenses; (3) Injury, Wound Healing and Hemostasis; (4) Infection - The Process, Prevention and Control; (5) Sterilization and Disinfection Methods.

ST 110 Care of the Surgical Patient (3-3-4) (S) Includes modules: (1) The Patient; (2) Preparation of the Surgical Patient; (3) Transportation of the Surgical Patient; (4) Positioning the Surgical Patient; (5) Anesthesia; (6) Recovery Room and Emergency Room Care.

ST 111 Surgical Procedures (6) (F). Includes modules: (1) General Surgical Procedures; (2) General Abdominal Procedures; (3) Orthopedic Surgery; (4) Obstetric and Gynecological Procedures; (5) Genitourinary and Transplant Surgery; (6) Plastic Surgery; (7) Ophthalmic Surgery; (8) Head, Neck, Oral Surgery; (9) Neurosurgery; (10) Microsurgery; (11) Cardiovascular and Thoracic Surgery; (12) Pediatric and Geriatric Surgery. Each of the modules includes a brief history, procedures, special considerations and the drugs used.

ST 131 Clinical Procedures (2-6-3) (F) Includes patient care and beginning experience in the operating rooms, outpatient and central supply.

ST 132 Advanced Clinical Practice (4-8-6) (S). Includes advanced practice in surgery, scrubbing and circulating. Prerequisite: ST 131.

The program has been accredited by the Joint Review on Education for the Surgical Technician, sponsored by the American Medical Association Council on Allied Health Education.

**PRACTICAL NURSING 11-Month Program**

Delete paragraph 4 and add the following:

**ADMISSION**

Entrance requirements: high school graduate or pass the General Educational Development Test. Satisfactory scores on the pre entrance test, which is given by Boise State University. A complete medical examination is required. The applicant will be interviewed by a committee. Twenty-four students will be selected for the September and January programs and ten students selected for the Nampa program.

The courses will be offered at various times during the twelve months depending upon the admission date and the availability of clinical experiences. This curriculum represents 1500 contact hours which are the requirements of the Idaho State Board of Nursing.

A student must complete the following requirements to graduate from the program.

**SUBJECTS**

| PN 101 Professional Concepts | 1 |
| PN 102 Anatomy and Physiology for Practical Nursing | 1 |
| PN 103 Allied Health Science | 1 |
| PN 104 Introduction to Microbiology | 1 |
| PN 105 Nutrition and Diet Therapy | 1 |
| PN 106 Emergency Nursing Concepts | 1 |
| PN 107 Pharmacology for Practical Nursing | 1 |
| PN 108 Geriatric Nursing | 1 |
| PN 109 Pediatric Clinical | 1 |
| PN 110 Clinical Technique | 1 |
| PN 111 Surgical Procedures | 1 |
| PN 112 Care of the Surgical Patient | 1 |
| PN 113 Pharmacology | 1 |
| PN 114 Clinical Procedure | 1 |
| PN 115 Clinical Procedures | 1 |
| PN 116 Mental and Community Health | 1 |
| PN 117 Clinical Electives | 1 |

**COURSE OFFERINGS**

**PN — PRACTICAL NURSING** (Courses are offered Fall, Spring and Summer)


**PN 102 Anatomy and Physiology for Practical Nursing** (2-0-3): A study of the structure and function of body cells, tissues, organs and systems, including the interrelationship of body systems.
CLERK-GENERAL OFFICE - 2 semesters

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<th>Notes</th>
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SECRETARY - 2 semesters

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COURSE DESCRIPTIONS

OF - OFFICE OCCUPATIONS

OF 100 Bookkeeping I (3.4.5) (F). Covers the entire bookkeeping cycle for sole proprietorship bookkeeping. Includes journalizing, posting, financial statements, payroll, and closing procedures.

OF 101 Bookkeeping II (3.4.5) (S). Covers the entire bookkeeping cycle for a corporation. Includes the use of special journals, cash register system, sales, taxes, uncollectable accounts, depreciation, disposal of plant assets, notes, accruals, partnerships, and corporations.

OF 102 Typing I (2.8.4) (F). Theory and keyboard operations on the typewriter with application of the seven basic reading skills.

OF 103 Typing II (2.8.4) (FS). Review of typing fundamentals for development of speed and accuracy with applications of these skills for business use. Measuring basic/production skills.

OF 104 Typing III (2.8.4) (FS). Continued study of typewriting procedures to develop speed and accuracy in office applications. Measuring basic/production skills.

OF 110 Business Communications (5.0.5) (F). Emphasis on developing grammar skills such as parts of speech, punctuation, capitalization, spelling, and vocabulary skills.

OF 112 Filing (1.4.1) (F/S). Designed to provide fundamental training in records management so students will be able to meet entry-level records management needs of business. At conclusion of the course, students will have learned to handle all types of correspondence and forms most frequently found in modern offices. They also will have had experience with the four filing methods: alphabetic, numeric, subject, and geographic.

OF 114 Word Processing (2.3.3) (S). The development of speed and accuracy in machine transcription by using programmed tapes and simulated office work experience. Student will learn to transcribe from machine letters, transcripts, memos, reports and statistical tables. Also included is the development of skills using memory typewriter and other up-to-date word processing equipment. Emphasis is placed on creation, storage, and retrieval of typed material.

OF 115 Shorthand II Lab (0.2.1) (F/S). Open lab to be used in conjunction with OA 121.

OF 116 Record Keeping (2.3.3) (F/S). Proceeds from very simple clerical tasks to the introduction of elementary double-entry bookkeeping concepts. Develops skills and knowledge that students can use in simple clerical office jobs in which recordkeeping is involved.

OF 117 Beginning Shorthand Lab (0.2-1) (F). Open lab to be used in conjunction with OA 101.

OF 118 Business Math/Machines (3.2-4) (F/S). Fundamental operations of arithmetic in business usage: Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation. Student will learn the touch system using the electronic printing calculator.

OF 120 Business Writing (5-0-5) (S). Designed to emphasize the building of a foundation in effective business writing principles. Preparation of a variety of business letters is required.
All users of the BSU Catalog, 1983-84 edition, are advised that the following changes, corrections, and additions have been approved for implementation together with those distributed in the first Addendum, August, 1982. The 1982-83 edition, with addenda, will be used for two years.

Page 5
Boise State University Calendar, 1983-1984 has been published separately. Copies may be obtained from the Admissions Office. Following are highlights only:

**Summer Session, 1983**
Registration June 3, 1983. Classes June 6 to August 12.

**Fall Semester, 1983**
New Student Early Registration: June 16-18, 1983
Faculty on duty: Aug. 23
Open Registration: Aug. 26
Classes: Aug. 29 through Dec. 17

**Spring Semester, 1984**
Advising/Pre-Registration: Nov. 7-11, 1983
Faculty on duty: Jan. 9, 1984
Open Registration: Jan. 11, 1984
Classes: Jan. 12 through May 12
Commencement: May 13, 1984

**Classes June 4 through August 10, 1984**

Page 12
Under Interdisciplinary Studies in the Humanities change title of the “core” humanities course from Nature of Man to Human Nature.

Page 20
Column 1, first full paragraph, change “8 credit hours” to read “12 credit hours.” Delete the last sentence in this paragraph, “Unsatisfactory grades at . . . entire semester.”

Page 21
Replace section on Financial Aid and Academic Probation with the following:

**HOW DOES ACADEMIC PROBATION AFFECT FINANCIAL AID ELIGIBILITY?**

Financial Aid Policies require that students who are on any kind of academic probation (on the Registrar’s Probation, Continued Probation, or Dismissal Lists) automatically lose eligibility for financial aid. Financial aid eligibility can be reinstated only when the student is no longer on academic probation. REINSTATEMENT BY A DEAN FOR ENROLLMENT PURPOSES DOES NOT CONSTITUTE REINSTATEMENT FOR FINANCIAL AID.

**Exception:** Students on academic probation who earned at least 12 credit hours with a 2.5 GPA during the most recent semester at Boise State University.

TRANSFER STUDENTS applying for financial aid must request that an evaluation of transfer credits be made at the time of application. If a Transfer Student is admitted “on probation” he/she will not be eligible for financial aid.

FINANCIAL AID APPEALS: The Financial Aids Appeals Committee will consider written appeals from students who feel there are extenuating circumstances surrounding their academic probation. Students will be notified in writing of the disposition of their appeal.

Page 26
Change last 3 sections to read as follows:

**ADDING A COURSE**
Students may add a course(s) during open registration without the written consent of the professor. A “Change in Registration” form must be secured, signed by the advisor for students enrolling in 8 credit hours or more, and a “class card” obtained from the appropriate departmental office. Detailed procedural information and instructions are printed each semester in the Class Schedule.

Students who wish to add courses after the open registration period ends must obtain an “Appeal for Change in Registration” form from the Registrar’s Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar’s Office.

**DROPPING A COURSE**
Students may drop a course(s) during the open registration period without the consent of the professor. A “Change in Record and Registration” form must be secured and signed by the advisor for students enrolled in 8 credit hours or more. Courses dropped within this period will not be recorded on the student’s transcript.

From the end of the open registration period until the end of the sixth week of classes, students must secure the consent and signature of the professor and advisor (if enrolled for 8 credit hours or more). Courses dropped within this period will be recorded with a grade of “W.”

All appeals or petitions for an emergency or medical withdrawal from course(s) will be made through the Dean of Student Special Services.

Students appealing to drop course(s) after the end of the sixth week without emergency or medical reasons must obtain an “Appeal for Change in Registration” form from the Registrar’s Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar’s Office.

**AUDIT/CREDIT CHANGES**
Students may change their status from audit to credit or credit to audit until the end of the sixth week of classes. Students desiring to change to or from audit after this deadline must follow the petition procedures described above.

Page 28
Change course description under University-Wide Course Numbers:

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. To enroll in 293-493, a student must also have a cumulative GPA of 2.00. No more than 12 credits earned in internship (293 and/or 493) can be used to meet department and/or University graduation requirements. Each internship must receive approval by the academic department whose course prefix is being used.

Page 29
Under Interdisciplinary Studies in the Humanities, change titles of courses from Nature of Man to Human Nature.

Page 31
Under AREA 1 listing change IH course titles from Nature of Man to Human Nature.

Page 34
**Bachelor of Applied Science Degree** (see August Addendum) add the following introductory paragraphs:

The School of Vocational-Technical Education, with the support of the School of Arts and Sciences, offers a bachelor of applied science degree with a major in the field of Vocational-Technical Education.

The program known as an “upside down” program provides for the acquisition of the major first, then the student acquires the core and the electives.

Permission into the bachelor of applied science degree program must be obtained from the School of Vocational Education.
Page 34

Associate of Arts Degree Program

This program will be terminated at the Idaho State Correctional Institution and will be offered to personnel at the Mountain Home Air Force Base.

Page 35

The MAJORS AND DEGREES OFFERED under the School of Business should be revised as follows:

- Accounting: Master of Business Administration, MBA
- Economics: Master of Science Accounting, MS

Page 43

Under Requirements for Chemistry Major change:

A. Chemistry .......................................................... 47 (from 44)

Add: Organic Qualitative Analysis C-440 .................................................. 3

Under (Suggested Program) add to SENIOR Year, second semester:

Organic Qualitative Analysis C-440 .................................................. 3

Change Degree Requirements or Electives .............................................. 6 (from 9)

Page 44

Change C 319 to read:

C 319 Organic Chemistry Laboratory (1-3-2) (F). Basic organic laboratory techniques and simple organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.

Page 55

Add new course:

C 440 (1-6-3) (S). Organic qualitative analysis with emphasis upon using spectroscopic methods and spectral interpretation. Two three-hour laboratories and one hour of lecture per week. Prerequisite: C 318 and C 320.

Page 65

ME 115, 315 Add course title “Opera Theatre.”

Pages 79-92

The SCHOOL OF BUSINESS in in the process of reorganization. A completely revised “Part 5” has been prepared by the School of Business including changes still pending approval. The following changes have been approved for implementation as of the date of this addendum.

Page 80

Following the 4th paragraph of the first column add a new section:

UPPER DIVISION ADMISSION

The School of Business requires admission to upper division standing by petition. This requires all students to meet certain criteria in order to be admitted to upper division standing and therefore allowed to continue in the School of Business at Boise State University.

MINIMUM CRITERIA FOR UPPER DIVISION ADMISSION

1) Admission to Boise State University.
2) Successful completion of these lower division core courses (or equivalent courses for transfer students): English E-101-102, Mathematics M-105-106, Economics EC-201-202, Accounting AC-205-206, Business Law GB-202, Information Science IS-210, Statistics DS-207, all with grades of C or better.
3) Cumulative GPA of at least 2.4.
4) Completion of at least 58 credit hours, including courses in progress the application semester.
5) Selection of an authorized major.
6) Application with transcript by the appropriate deadline (three months or more prior to beginning of Fall, Spring or Summer sessions).

Page 81

Change COURSE OFFERINGS, DP DATA PROCESSING to read as follows:

LOWER DIVISION

IS 210 Introduction to Information Science (3-0-3) (FS). Overview of computer information systems. This survey course introduces computer hardware, software, procedures, and systems, and explores their integration and application in business and in society. The fundamentals of computer problem solving and programming in a high-level programming language are discussed and applied.

IS 220 Programming Techniques (3-0-3) (FS). Introduction to computer programming in a business environment. Emphasis on the fundamentals of structured program design, development, testing implementation, and documentation of business-oriented applications using BASIC. Discussion and application of top-down design strategies and structured programming techniques. Prerequisite: IS 210;

UPPER DIVISION

IS 360 Programming Systems - COBOL (3-0-3) (FS). Introduction to COBOL programming in a business environment. Emphasis on the further application of structured design, implementation, and documentation of business-oriented application programs. Coverage of language syntax, data and file structures, report generation, input editing, table processing, and sequential file creation and access. Prerequisite: IS 220.
IS 370 Programming Systems - COBOL (3-0-3) (S). Continuation of IS 360. Emphasis on structured methodology of program design, implementation, and documentation of business oriented applications. Coverage of sequential and random access file processing techniques and development of programs and systems for batch and interactive environments using advanced language features. Prerequisite: IS 370.

IS 405 Data Base Applications (3-0-3) (F). Introduction to application program development in a database environment with an emphasis on loading, modifying and querying the database using a host language (COBOL). Discussion and application of file structures and organizations, including hierarchical, network, and relational. Discussion of storage devices and data administration. Prerequisite: IS 370.

IS 420 Systems Analysis and Design (3-0-3) (F). Study of structured systems development. Emphasis on strategies and techniques of structured analysis and design to produce a logical methodology for dealing with complexity in the development of information systems; to produce specifications, implementation and test plans for developing and implementing information systems that satisfy user requirements. Prerequisite: IS 370.

Pages 89-90
Changes to GB, MG and RE courses will result in a new course designator of DS DECISION SCIENCE.
Change GB 207 to DS 207
Change GB 208 to DS 208
Change GB 366 to DS 366
Change MG 345 to DS 345
Change MG 408 to DS 408 and add prerequisite DS 366
Change MG 409 to DS 409

Change last sentence in RE 201 course description to read: "This course meets the current minimum 45 hour classroom education requirement of the State of Idaho to take the RE sales examination."

Page 91
Changes to MARKETING-MID MANAGEMENT major:
Freshman Year
— Replace Business Math / Machines OA 115 3 Cr 2nd Sem with Math or Information/Decision Science Elective 4 Cr, 2nd Sem.
— Replace Merchandise Analysis MM 102 3 Cr 2nd Sem with Principles of Economics-Macro EC 201 3 Cr 2nd Sem.

Sophomore Year
— Replace Retail Buying MM 215 3 Cr 1st Sem with Retail Merchandising MM 204 3 Cr 1st Sem.
— Replace Credit and Collections MM 213 2 Cr 2nd Sem with General Psychology P 101 3 Cr 2nd Sem.
— Change 2nd Sem Electives from 3 to 5.
— Delete Principles of Economics, Macro EC 201 3 Cr 1st Sem

Page 92
Delete the following courses:
MM 202 Principles of Retailing
MM 213 Credit and Collections
MM 214 Retail Buying
Add the following course:
MM 204 Retail Merchandising (3-0-3) (F). Merchandise planning and control, expenses and cost reduction, purchasing for resale, pricing of goods, retail control systems. Mid-management majors only.

Page 98
Replace the section, PSYCHOLOGY MINORS, with the following:

PSYCHOLOGY REQUIREMENTS
FOR CERTIFICATION BY STATE DEPARTMENT OF EDUCATION

Psychology Minor
P-101 General Psychology 3
P-301 Abnormal Psychology 3
P-305 Statistical Methods 3
P-351 Personality 3
Psychology upper-division electives 9

Social Science Secondary Education Option Major
P-101 General Psychology 3
P-301 Abnormal Psychology 3
P-351 Personality 3
Psychology upper-division electives 6

Note: Psychology is classified as a social science by the University, but not by the State Department of Education. You can apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog, see the sections on Economics, History, Political Science, Anthropology, and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as "social studies"; but you will not be certified to teach psychology unless you also meet the requirements of the Psychology Minor.

Page 99
Change semesters offered for P 495 Senior Thesis from (F) to (FS).
Change semesters offered for P 501 to (F/S/SU).

Page 113
Add the following under ADMISSION AND APPLICATION PROCESS:
5. Submit a $5.00 Lab Fee, per academic year, payable to the program by September 1st of second year of the program.
6. After being notified of acceptance to the program and before May 10, submit $14.00 nonrefundable prepayment for student name pin and clinical insurance.

Change course description of MR 215 to read:
MR 215 Clinical Practice (O-V-2). After the completion of all other program requirements students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology.

Page 114
Under APPLICATION PROCESS, B. Sophomore Year change 2, and 3, to read:
2. Applicants are required to have an interview during the spring semester of the Freshman year. Contact the Program Director for specific details.
3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

Under the statement "All students admitted to the Radiologic Technology Program are required to:" change 2. and add 3. as follows:
2. Submit $65.00 as prepayment for student name pin, clinical insurance, radiation monitoring badges and markers. This nonrefundable cost is payable by May 10.
3. Submit a $30.00 Lab Fee, per academic year, payable to the program by September 1st of professional year.

Page 115
Under C, delete paragraph 2., starting, "Submit $14.00 . . ."
Under APPLICATION PROCESS, B, change 2., and 3., and add 4. and 5. to read:
2. Applicants are required to have an interview during the spring semester of the preprofessional year. Contact the program director
Page 120, first column

Change last sentence of paragraph 1 under Application Process to read:
BSU application forms are available in the Administration Building, Rm. 101. ADN Program applications are available in the Science Nursing Building, Rm. 110.

Change last sentence of paragraph 2 under Application Process to read:
This evidence must be received by the Nursing Department Office prior to March 1 preceding the fall in which enrollment is planned.

Add following under “Following acceptance into the ADN program, all applicants must”:
4. Submit $20.00 non-refundable lab fee payable by August 30th of each academic year.

Page 120, second column

FULL-TIME NURSING STUDENT
First Year - Change General Psychology P 101 from 2nd to 1st semester.
For Basic Health Needs, N 140-141, 150-151, 160-161, 170-171 substitute:
Fundamentals of Nursing I & II N100-102 . . . 6 7
English Composition E 101 3
Revised Totals 17 17

Second Year - Change English Composition E 102 to 1st semester (delete 101).
For N 220-221, 230-231, 240-241, 250-251, 280-290 substitute:
Nursing Interventions I and II N 200-202 . . 9 10
Elective 3
Revised Totals . 16 16

PART-TIME NURSING STUDENT
Second Year - For N 140-141, 150-151, 160-161, 170-171 substitute:
Fundamentals of Nursing I & II N 100-102 . . 6 7
English Composition E 101-102 3 3
Introduction to Sociology SO 101 3
Elective 3
Revised Totals 12 13

Third Year - For N 220-221, 230-231, 240-241, 250-251, 280-290 and SO 101 substitute:
Nursing Interventions I & II N 200-202 . . 9 10
Nursing a special application form for the Baccalaureate Nursing Program.
2a. Return completed BSU application to the Admissions Office and the special BSN application to the Department of Nursing.

Page 121, first column

Under Admission, Application and Enrollment, change Microbiology B 205 from 4 Cr. to 3-4; change Nutrition H 207 from 3 Cr. to 2-3. NOTE: Transfer students with 3 to 4 credits of Microbiology and 2 to 3 credits Nutrition may be accepted.

Page 121, second column

Under “To apply for admission, the applicant must” change to read:
1. Request from the Admissions Office an application to the University (if not previously admitted) and request from the Department of
N 202 Nursing Interventions II (4-18-10) (S). Continues development of concepts acquired in previous courses and completes student's socialization to associate degree nursing. Focus on application of concepts to assist patient/families in adapting to complex or life-threatening situations. Clinical learning experiences require student to become more self-directed and flexible in application of concepts to patient care. Prerequisite: N 200.

Page 123

Delete as a prerequisite SO 340 from N 328 Family and Group Interactions, and from N 362 Health—Illness II.

Change semesters offered for N 408 and N 409 from (F) to (S).

Page 125

The asterisk remark following the Pre-Veterinary Medicine Suggested Program should be changed to read:

*To be taken as correspondence course through Washington State University.

Pages 134-142

Changes to the School of Education's MASTER OF ARTS OR SCIENCE IN EDUCATION section were included in the August 1982 Addendum with the exception of expanded options for Special Education and Reading. Those will not be included here in detail. A separate document (23 pages) has been prepared by the School of Education titled MASTER OF ARTS OR SCIENCE IN EDUCATION. It will serve as a convenient source of information for students and advisors pending the next full edition of the BSU Catalog.

Page 146

PRACTICAL NURSING. 11 Month Program - add to list of subjects:* Special Theory PN 118 ............................. 1-10 Special Clinical PN 119 ............................. 1-10

Add to PN Practical Nursing Course Offerings:* PN 118 PN Special Theory (V-V-1 to 10). Designed to provide the opportunity for the study of a specific unit of theory. The topic offered will be selected on the basis of an evaluation of needs of the individual. Prerequisite: Permission of the Department Chairperson.

PN 110 PN Special Clinical (V-V-1 to 10). Designed to provide the opportunity for specific clinical experience. The clinical offered will be selected on the basis of an evaluation of needs of the individual. Prerequisite: Permission of the Department Chairperson.

*The Practical Nursing list of subjects and course offerings are included in the August 1982 Addendum to the Catalog.

Page 146

SURGICAL TECHNOLOGY, ST 131 Clinical Procedures title should be Clinical Practice. (Courses are listed in the August 1982 Addendum to the Catalog.

Page 150

Add new program under the Department of Light Technologies preceding Course Offerings ET—Electronic Technology:

SEMI CONDUCTOR TECHNOLOGY

The successful completion of ET 131-132 or Math 111, or the equivalent is prerequisite for this major.

First Year

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<th>Second</th>
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<tr>
<td>College Chemistry C 131</td>
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<tr>
<td>Chemistry Lab C 132</td>
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</tbody>
</table>

Advanced Electronics Math ET 231-232 3 3
Communication skills ET 111-112 3 3
Intro. to Digital Electronics ET 161 2 2
Intro. to Integrated Circuit Industry ET 181 2 2
Intro. to Integrated Circuit Processing ET 182 3 3
Integrated Circuit Processing I ET 183 3 3
*Elective 3 3

Total 18 18

Second Year

Digital Electronics ET 271-272 3 3
Digital Systems Design ET 282 3 3
Solid State Device Physics 3 3
Integrated Circuit Layout ET 281 2 2
Electronics Theory I ET 151 5 5
Electronics Theory II ET 152 3 3
Circuit Analysis ET 171-172 3 3
Intro. to Solid State Physics 3 3
*Elective 3 3

Total 17 19

*The electives shall be selected from the areas of Business, Economics, and/or Human Relations.

Total number of credit hours: 72

Add to COURSE OFFERINGS ET—ELECTRONIC TECHNOLOGY the following:

ET 181 Introduction to Integrated Circuit Industry (2-0-2) (F). Overview of the integrated circuit: its history, applications, and manufacturing. Course will cover technical aspects lightly and will focus on economic and social impact. Prerequisite: ET 131-132, or M 111 or the equivalent.

ET 182 Introduction to Integrated Circuit Processing (2-0-2) (F). Examination of the manufacturing techniques and processes necessary to build an integrated circuit from raw materials to final products. The emphasis is on conceptual aspects of processing; however, mechanisms and modeling will be discussed. Prerequisite: ET 131-132 or M 111 or the equivalent.

ET 183 Integrated Circuit Processing I (2-0-2) (S). A descriptive treatment, in some chemical and mathematical detail, of the processes used to manufacture integrated circuits. Prerequisite: ET 181, ET 182.

ET 281 Integrated Circuit Layout (2-0-2) (S). Lecture and drafting techniques used in the design of integrated circuit photolithographic masks. Focus to be on N-MOS silicon gate memory devices. Prerequisite: ET 183.

ET 291 Introduction to Solid State Physics (3-0-3) (S). A study of the interaction of wave phenomena (electromagnetic radiation, lattice vibration, and electrons) with the lattice in a solid. Attention is focused on an understanding of the electrical and thermal properties of solids, metals and semiconductors, in particular. Other selected topics from solid state and low temperature physics. Prerequisite: PH 102 or PH 220-224.

ET 292 Solid State Device Physics (3-0-3) (S). Introduction to the theory underlying the operation of semiconductor devices. The emphasis is placed on qualitative understanding and simple quantitative models. Prerequisite: PH 291, ET 231 or M 204, C 131.

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Add to Course Offerings for HO Horticulture Service Technician:

HO 242 Related Science (2-0-2). Developing comprehension of the scientific principles utilized in: power equipment, lawn and shrub maintenance, and plant wounds, basic first aid.

HO 251 Horticulture Theory (0-7-5). Landscape maintenance. Plant identification and uses. Landscape design, turf management, and shade tree identification and installation.

HO 252 Horticulture Theory (0-7-5). Horticulture power machines and maintenance of tillers, mowers, shredders, construction design, nursery production, and garden center management.
HO 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

HO 271 Individual Projects (5-0-3). Providing the opportunity for the subject to apply all his prior education in planning, developing, and completing a unique, practical horticulture project.

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OFFICE OCCUPATIONS Options (following are changes to August Addendum)

Clerk - General Office - 2 semesters
Filing & Records Management OF 112 — 1
(1 Cr 2nd Sem)

Secretary - 2 semesters (Replace with the following)
Business Math/Machines OF 118 4 —
Business Communications OF 110 5 —
Business Writing OF 120 — 5
Typing I, II, or III OF 102, 103 or 104 4 4
Word Processing OF 114 — 3
Record Keeping OF 116 — 3
Filing & Records Management OF 112 — 1
Shorthand: Beginning, Intermediate, or Advance, OF 121, 122, or 123 4 4
Shorthand Lab, Beginning or Intermediate OF 115 or 117 — 1
18 21

OF 115 Shorthand II Lab (0-2-1) F/S. Open lab to be used in conjunction with OF 122.

OF 117 Beginning Shorthand Lab (0-2-1) F. Open lab to be used in conjunction with OF 121.

Add following courses:
OF 121 Shorthand I (5-0-4) F. A beginning course in Gregg Shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Prerequisite: Demonstrated proficiency in typewriting or current enrollment in typewriting.

OF 122 Shorthand II (5-0-4) F/S. Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. Prerequisite: OF 121 or advanced placement through proficiency exam.

OF 123 Shorthand III (5-0-4) F/S. Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OF 122 or advanced placement through proficiency exam.

OF 124 Consumer Education (3-0-3) F. A course that emphasizes knowledge in several business areas as well as encouraging personal development. This course includes units in consumer credit, consumer rights and responsibilities, buying goods and services, nutrition, proper budgeting and money management.
BOISE STATE UNIVERSITY CATALOG, 1982-83 CUMULATIVE ADDENDUM

July 25th, 1983

CATALOG EDITOR

BOISE STATE UNIVERSITY
1910 University Drive
Boise, Idaho 83725
PREFACE

All users of the BSU Catalog, 1982-83 Edition, are advised that the following changes, corrections, and additions have been approved for implementation. Previous addendums dated August, 1982; and February, 1983 are replaced by this addendum. The next edition of the BSU Catalog is expected to be distributed in April, 1984.

The Board of Education has approved the following changes of BSU titles:

<table>
<thead>
<tr>
<th>OLD TITLE</th>
<th>NEW TITLE</th>
</tr>
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<tbody>
<tr>
<td>School of Arts &amp; Sci.</td>
<td>College of Arts &amp; Sci.</td>
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<tr>
<td>School of Business</td>
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<tr>
<td>School of Education</td>
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<tr>
<td>School of Health Sci.</td>
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</tr>
<tr>
<td>Graduate School</td>
<td>Graduate College</td>
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</table>

The title changes will be reflected in the next edition of the BSU Catalog.

The College of Business portion of this addendum is a complete revision of the catalog section replacing pages 79 through 92 of the catalog.

The Department of Health, Physical Education and Recreation section, pages 94-98, have been completely revised in this addendum.

Editorial plans for the future anticipate having the entire catalog on word processing with individual colleges and/or departments responsible for maintaining their portion of the catalog with accurate and current information. When a new edition is to be published, the individual files may be sent electronically to the editor for final editing and compilation and submission for typesetting and printing.
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

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CUMULATIVE ADDENDUM - PARTS 1, 2, 3

PAGE 5 - CALENDAR

The Boise State University Calendar, 1983-84 has been published separately. Copies may be obtained from the Admissions Office. Following are highlights only:

Summer Session, 1983
Registration June 3, 1983. Classes June 6 to August 12.

Fall Semester, 1983
New Student Early Registration .......... June 16-18, 1983
Faculty on duty ............. August 23, 1983
Open Registration ............... August 26, 1983
Classes .................. Aug. 29 through Dec 17, 1983
Spring Semester, 1984
Advising-Pre-Registration .......... Nov 7-11, 1983
Faculty on duty ............. Jan 9, 1984
Open Registration ............... Jan 11, 1984
Classes .................. Jan 12 through May 12, 1984
Commencement ................. May 13, 1984

Summer Session, 1984
Classes June 4 through August 10, 1984

PAGE 12 - IH TITLE

Under Interdisciplinary Studies in the Humanities change title of the "core" humanities course from "Humanities: a View of the Nature of Man" to "Humanities: a View of Human Nature."

PAGE 12 - WICHE

Change section on Western Interstate Commission for Higher Education (WICHE) to read:

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE)

Regional Graduate Programs

Qualified Idaho students may attend graduate school at reduced tuition rates through the WICHE Regional Graduate Program. Graduate institutions in Alaska, Idaho, Montana, Oregon and Washington participate in the program to broaden educational opportunities for Idaho residents. Master's and doctoral programs are available in many fields, e.g., biology, foods, health professions, mining, engineering, urban studies.

To qualify, students must generally have been legal residents of Idaho for five calendar years immediately preceding matriculation into the graduate school, be certified by the appropriate state official, and apply to and be accepted by a cooperating graduate school.

State support and program participation are subject to change by legislative or administrative action.

For additional information, contact your advisor or WICHE Program
Ms. Linda Stalley
State Board of Education
650 West State Street
Boise, Id 83720
Telephone (208) 334-2270.

Professional Student Exchange Program

Idaho students who are accepted to cooperating professional schools of occupational therapy, physical therapy, and optometry, may qualify for reduced tuition rates under this program. For information, see Department of Preprofessional Studies, or contact:

WICHE Program
Ms. Linda Stalley
State Board of Education
650 West State Street
Boise, Id 83720
Telephone (208) 334-2270.

PAGE 15 - MEDICAL EXPENSE INSURANCE

Change section on Medical Expense Insurance to read:

Medical Expense Insurance

All full-time students are automatically included in the health insurance program when they pay the full-time registration fee.
Benefits become effective at 12:01 a.m. on August 28, 1983 or when tuition is paid, whichever is later, and continue until 12:01 a.m. on the first day of the second semester for those students who enroll in the plan the first semester. Benefits become effective on the first day of the second semester registration or when tuition is paid, whichever is later, and continue until 12:01 a.m. August 29, 1984 for the second semester enrollees. Protection is in effect during all vacation periods. Each full-time student is covered 24 hours a day during the policy period at home, school, or while traveling.

Students who are covered by a family or other plan may obtain a refund through application to the insurance agent for Boise State University. The university carries liability insurance coverage on all on-campus and official functions including student activities.

PAGE 19 - TUITION AND FEES

<table>
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<th>Full-Fees</th>
<th>Idaho</th>
<th>Non-Resident</th>
<th>Foreign</th>
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<tbody>
<tr>
<td>Tuition (per semester)</td>
<td>$0.00</td>
<td>$950.00</td>
<td>$1000.00</td>
</tr>
<tr>
<td>Institutional fees (Undergrad)</td>
<td>405.00</td>
<td>405.00</td>
<td>405.00</td>
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<tr>
<td>Institutional fees (Graduate)</td>
<td>530.00</td>
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<td>530.00</td>
</tr>
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<td>Total (UNDERGRADUATE)</td>
<td>405.00</td>
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<td>1405.00</td>
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<tr>
<td>Total (GRADUATE)</td>
<td>530.00</td>
<td>1480.00</td>
<td>1530.00</td>
</tr>
</tbody>
</table>

**Payment of full-fees does not necessarily constitute full-time enrollment. Please see page 25 for credit hour requirements.**

Other Fees
- Part-time(Undergrad) $48.50 per Sem Hr
- Part-time(Graduate) $61.00 per Sem Hr
- Summer(Undergrad) $49.50 per Sem Hr
- Summer (Graduate) $62.00 per Sem Hr
- Application Processing Fee(Non-refundable) $10.00
- Late Registration Fee $50.00 (To apply when petition is required to register)
- Overload Fee Variable Per credit hour cost over 19 credits

PAGE 20 - MUSIC WAIVERS CHANGE

Column 1, first full paragraph, change "8 credit hours" to read "12 credit hours." Delete the last sentence in this paragraph, "Unsatisfactory grades at...entire semester."

PAGE 21 - FINANCIAL AID ELIGIBILITY

Replace section on Financial Aid and Academic Probation with the following:

**HOW DOES ACADEMIC PROBATION AFFECT FINANCIAL AID ELIGIBILITY?**

Financial Aid Policies require that students who are on any kind of academic probation (on the Registrar's Probation, Continued Probation, or Dismissal Lists) automatically lose eligibility for financial aid. Financial aid eligibility can be reinstated only when the student is no longer on academic probation. REINSTATEMENT BY A DEAN FOR ENROLLMENT PURPOSES DOES NOT CONSTITUTE REINSTATEMENT FOR FINANCIAL AID.

Exception: Students on academic probation who earned at least 12 credits with a 2.5 GPA during the most recent semester at Boise State University.

TRANSFER STUDENTS applying for financial aid must request an evaluation of transfer credits be made at the time of application. If a Transfer Student is admitted "on probation" he/she will not be eligible for financial aid.

FINANCIAL AID APPEALS: The Financial Aids Appeals Committee will consider written appeals from students who feel there are extenuating circumstances surrounding their academic probation. Students will be notified in writing of the disposition of their appeal.

PAGE 22 - BOARD & ROOM CHARGES

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<tr>
<th>BOARD AND ROOM CHARGES*</th>
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<tbody>
<tr>
<td>Meal Options:</td>
</tr>
<tr>
<td>A. 7 day/19 meals (breakfast, lunch, dinner. Monday through Friday; brunch, dinner. Saturday and Sunday.)</td>
</tr>
<tr>
<td>B. 7 day/14 meals (lunch, dinner. Monday through Friday; brunch, dinner. Saturday and Sunday.)</td>
</tr>
<tr>
<td>C. 5 day/10 meals (lunch, dinner. Monday through Friday.)</td>
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1983-84 Prices
Meal Options

Residence Rooms

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<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double</td>
<td>$2205</td>
<td>$2175</td>
<td>$2115</td>
</tr>
<tr>
<td>Single</td>
<td>2545</td>
<td>2515</td>
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<tr>
<td>Large Single</td>
<td>2785</td>
<td>2755</td>
<td>2695</td>
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Rental Rates Per Month (1983-84 prices)

University Courts:

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<tbody>
<tr>
<td>Small One Bedroom</td>
<td>$134.00</td>
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<tr>
<td>Large One Bedroom</td>
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<td>Three Bedroom</td>
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<td>One Bedroom</td>
<td>$206.00</td>
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<tr>
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<td>$240.00</td>
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University Manor:

<p>| | |</p>
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<th></th>
<th></th>
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<tbody>
<tr>
<td>One Bedroom</td>
<td>$206.00</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>$240.00</td>
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</table>

The above prices are subject to change

Change last 3 sections to read as follows:

**Adding a Course**

Students may add a course(s) during open registration without the written consent of the professor. A "Change in Registration" form must be secured, signed by the advisor for students enrolling in 8 credit hours or more, and a "class card" obtained from the appropriate departmental office. Detailed procedural information and instructions are printed each semester in the Class Schedule.

Students who wish to add courses after the open registration period ends must obtain an "Appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credits or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar's Office.

**Dropping a Course**

Students may drop a course(s) during open registration period without the consent of the professor. A "Change in Record and Registration" form must be secured and signed by the advisor for students enrolled in 8 credit hours or more. Courses dropped during this period will not be recorded on the student's transcript.

From the end of the open registration period until the end of the sixth week of classes, students must secure the consent and signature of the professor and advisor (if enrolled for 8 credit hours or more) Courses dropped within this period will be recorded with a grade of "W."

All appeals or petitions for an emergency or medical withdrawal from course(s) will be made through the Dean of Student Special Services.

Students appealing to drop course(s) after the end of the sixth week without emergency or medical reasons must obtain an "Appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar's Office.

PAGE 26 - GPA COMPUTATION

Computation of the Grade Point Average

1. Courses used in computation of the GPA: In computing the GPA, all courses appearing on the BSU transcript with a grade of A, B, C, D, or F are used unless a course is repeated to improve the grade; in which case, the first attempt at the course is ignored and only the grade and credits from the second attempt are used. This includes all courses taken at BSU as well as all those taken at other institutions and entered on the BSU transcript. The sum of the credits from these courses is known as the number of GPA credits attempted.

2. The computation: The GPA is computed only from courses which contribute to the number of GPA credits attempted. For each such course, the number of credit hours is multiplied by a factor which depends on the grade received — 4 for an A, 3 for a B, 2 for a C, 1 for a D, and 0 for an F. The sum of these products constitutes the number of quality points. The GPA is defined to be the quotient (rounded to the nearest hundredth) obtained by dividing the number of quality points by the number of GPA credits attempted.

Cumulative Addendum - Parts 1,2,3
AUDIT/CREDIT CHANGES

Students may change their status from audit to credit or credit to audit until the end of the sixth week of classes. Students desiring to change to or from audit after this deadline must follow the petition procedures described above.

PAGE 27 - WITHDRAWAL

Change Withdrawal Policies to read:

COMPLETE WITHDRAWAL FROM THE UNIVERSITY

Students who wish to withdraw from all courses and leave the University in "Good Standing" must initiate an official request with the Dean of Student Special Services. Vocational-Technical students must clear with the Vocational Counselor prior to reporting to the Student Special Services Office. Students who are physically unable to come in because of hardship or health reasons should telephone or write to the Dean of Student Special Services and request a PETITION FOR A COMPLETE WITHDRAWAL. The petition must be completed, signed and returned by the student requesting the withdrawal before the student's academic records can be legally closed for that semester.

The withdrawal process should be initiated prior to the end of the sixth week of classes for all grades to be recorded as "W" (Withdrawal - no credit or quality points earned). Refunds of registration fees are only pro-rated over the first four weeks of a semester. It is not necessary to request a withdrawal from the University after a semester has been successfully completed or between semesters. Students who remain enrolled in a course(s) after the deadline and fail to complete course requirements will be awarded a final grade of "F."

Right of Appeal: Students have a right of appeal to the Dean of Student Special Services for an exception to the requirements of an academic regulation for an emergency or medical reason, hardship, unusual or extenuating circumstances that can be verified. Prior to approving a student record change, the Dean of Student Special Services will investigate and confirm the extenuating circumstances.

FACULTY INITIATED WITHDRAWAL

Although the primary responsibility for withdrawing from individual courses rests with the student, the professor may have a student dropped from the course for one or more of the following reasons:

1. Failure to attend class.
2. Failure to meet course entrance requirements.
   a. The student has not passed a prerequisite for the course.
   b. The student has not passed and is not enrolled in a course corequisite.
3. PROCEDURE: Within 1 week after the permanent roll sheets are sent out, the instructor sends to the Vice President for Student Affairs a list indicating names and student numbers of all students in question, the course and section numbers, and the nature of each student's problem. The instructor must sign the list. The Vice President notifies each student of the impending action, requesting the student to meet with the instructor within 2 weeks. After that 2 week period is over, the instructor sends an amended version of the original list to the Vice President to indicate which students from the original list should be withdrawn. The department chairman must sign this document. The Vice President forwards the list to the Registrar's Office for processing.
4. The student has not attained the required class standing for the course.
5. PROCEDURE: Within 1 week after the permanent roll sheets are sent out, the instructor sends to the Registrar's Office a list, signed by the department chairman, indicating the student names and numbers, the corresponding course and section number, and the nature of each deficiency. The Registrar's Office then processes the withdrawals.

3. APPEALS: The Vice President strives for accommodation between the student and the instructor, but the final decision is with the department chairman. Students who disagree with the decision of the department chairman may appeal to the Academic Grievance Board.

PAGE 27 - PROBATION-DISQUALIFICATION

Change section titled "Academic Probation and Disqualification Policy" to read:

ACADEMIC PROBATION AND DISMISSAL POLICY
A student whose academic work falls below the level indicated in the table below is placed on academic probation. A student who continues on academic probation at the end of the next semester of attendance, is subject to dismissal from the University.

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
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<th>Minimum GPA</th>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
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<td>49</td>
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<td>1.77</td>
<td>44</td>
<td>1.89</td>
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<td></td>
</tr>
</tbody>
</table>

1. Academic Probation

   a. At the end of a semester (fall, spring or summer) an undergraduate student who does not attain the cumulative grade point average required for the number of hours attempted is placed on probation for the next semester of enrollment. Notification of probationary status is by letter (to most recent mailing address) sent within two weeks of the close of a semester.

   b. A student on academic probation whose cumulative GPA improves to the acceptable level will be automatically removed from probation.

2. Dismissal

The student who continues on academic probation at the end of the next semester of attendance will be dismissed from the University unless the student's GPA for the most recent semester of enrollment was 2.00 or higher. Notification of dismissal is by letter (to most recent mailing address) sent within two weeks of the close of a semester.

3. Reinstatement

   a. A student dismissed from the University, may be reinstated by submitting and receiving favorable action upon a petition to the academic dean of the college from which the student was dismissed. This is the only route to reinstatement and applies even to the student who has attended another institution since being dismissed from BSU. Readmission to a college may be accompanied by academic performance requirements which are more stringent than those of the University. Failure to meet conditions specified for continuation as a major in a particular college may prohibit a student from future enrollment in that college even though the University minimum academic requirements are satisfied.

   b. Normally, a student is reinstated on probationary status. If, however, the student's GPA meets the minimum requirement, the dean may elect to admit the student in good standing.

4. Restrictions

   A student on probation is ineligible to participate in University-sponsored extracurricular activities. (See Eligibility for Extracurricular Activities section of the BSU Student Handbook).

Change course descriptions under University-Wide Course Numbers as follows:

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. To enroll in 293-493, a student must also have a cumulative GPA of 2.00. No more than 12 credits earned in internship (293 and/or 493) can be used to meet department and/or University graduation requirements. Each internship must receive approval by the academic department whose course prefix is being used.
Under INTERDISCIPLINARY COURSES:

Following HP 294 Honors Colloquium, add following paragraph:

With approval of the University Curriculum Committee, Honors courses excluding summer readings, may be applicable to core. No more than two honors courses may be from one area.

Change title of course IH 112 from "A View of the Nature of Man" to "A View of Human Nature."  

Following IH 112 add the following paragraph:

Special Topics courses in IH (Interdisciplinary Studies in the Humanities may be approved by the University Curriculum Committee to meet Area I core requirements.

PENDING APPROVAL OF THE STATE BOARD OF EDUCATION
Anticipated August, 1983
Add the following new program:

CANADIAN STUDIES MINOR

The Canadian Studies Minor, consisting of eighteen credit hours, of which six are required, is designed to complement any university major. The program is interdisciplinary in its approach and at the same time permits students to pursue their interest areas in Canadian Studies. Students in business, health, education, and the liberal arts are encouraged to pursue the program. Upon successful completion of the eighteen hours of credit the student will receive a certificate of completion and this will be so noted on the transcript.

COURSE OFFERINGS

CN CANADIAN STUDIES  Lower Division

CN 101 CANADA: LAND AND PEOPLE (3-0-3)(F-Alternate uneven years.) Introductory, interdisciplinary survey, presenting the themes of geography, physical resources, history, political system and Indian Eskimo culture. Faculty from participating departments will span two centuries of Canadian growth, development and attainment of national identity. Open to all students. Required of CN Minors.

Add the following new degree after Bachelor of Music:

BACHELOR OF APPLIED SCIENCE DEGREE

The School of Vocational-Technical Education, with the support of the College of Arts and Sciences offers a Bachelor of Applied Science degree with a major in the field of Vocational-Technical Education.

The program known as an "upside down" program provides for the acquisition of the major first, then the student acquires the core and the electives.
Permission into the Bachelor of Applied Science degree program must be obtained from the School of Vocational Education.

Minimum Requirements

Vocational-Technical Education Major ............................................. 64
1. Child Care
2. Consumer Electronics
3. Drafting
4. Horticulture

General University Requirements .................................................. 64

English Composition .......................................................... 3-6

*Area I (must have three fields) ............................................. 12
Art
Humanities
Literature
Music

*Area II (must have three fields) ............................................. 12
Anthropology
Communication
Economics
Geography

*Area III (must have two fields) ............................................... 12
Biology
Chemistry
Geology

Additional nine (9) credits from Areas II & III.

Electives to total sixty-four (64) credits.

#Must have a C grade in each Core Curriculum course and an overall GPA of 2.0.

PAGE 34 - AA CHANGE

Associate of Arts Degree Program

This program will be terminated at the Idaho State Correctional Institution and will be offered to personnel at the Mountain Home Air Force Base.

PAGE 35 - DEGREES & MAJORS OFFERED

Change listing of MAJORS AND DEGREES OFFERED to read as follows:

Cumulative Addendum - Parts 1, 2, 3
Geology ........................................ BS
Earth Sci Educ, Secondary Educ .......... BS
Geophysics .................................... BS

History ....................................... BA
History, Secondary Education .......... BA
History, Soc Sci, Secondary Education BA

Mathematics ................................. BA,BS
Mathematics, Secondary Education BA,BS

Music .......................................... BM
Performance
Theory-Composition
Music Education .............................. BM

Pre-Engineering ................................
Physics .......................................... BS
Physics, Secondary Education .......... BS
Construction Management ............... BS

Political Science ............................ BA,BS
Political Philosophy
Amer Government Systems & Process
International Relations
Public Administration

Polit Sci, Social Sci, Secondary Educ BA,BS
Public Administration ....................... MPA

General Philosophy .......................... BA

Social Work .................................... BA

Anthropology ................................ BA
Anthropology, Soc Sci, Sec Educ ........ BA
Criminal Justice Admin ..................... AS,BA,BS

Social Science ................................ AA,BA
Sociology ..................................... BA,BS
Sociology, Soc Sci, Sec Educ .......... BA
Multi-Ethnic Studies ....................... BA

Theatre Arts ................................. BA
Theatre Arts, Secondary Education BA

Master of Business Administration .... MBA
Master of Science in Accounting ....... MS

Accounting ................................. BBA,BA,BS

Economics .................................... BBA,BA,BS
Economics, Soc Sci, Soc Educ .......... BA,BS

Real Estate ................................... BBA,BA,BS

Information Sciences ...................... BBA,BA,BS
Finance ...................................... BBA,BA,BS
Management, Quantitative ............... BBA,BS,BA
Production Management ................... BBA,BA,BS

General Business ........................... BBA,BA,BS
Management
Behavioral
Aviation
Industrial Relations

Administrative Services .................... BBA,BA,BS
Business Education
Distributive Education Certification
Shorthand Certification
Marketing ................................. BBA,BA,BS
Marketing-Mid Management .............. AS

Physical Education, Secondary Education BS
Areas of Specialty: Secondary Physical Education, Secondary Physical Education, Athletic Training, Athletic Coaching, Elementary Physical Education

Psychology .................................... BA,BS

Elementary Education
Areas of Specialty:
Early Childhood Education .............. TE
Library Science ............................ END
Reading ...................................... END
Special Education .......................... TE
Elementary Ed-Bilingual-Multicultural BA
<table>
<thead>
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<th>Program</th>
<th>Degree</th>
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<tr>
<td>MA-MS in Education</td>
<td>MA, MS</td>
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<tr>
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<td>Business Education</td>
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<td>Earth Science</td>
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<tr>
<td>Music</td>
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<tr>
<td>Reading</td>
<td></td>
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<tr>
<td>Special Education</td>
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<tr>
<td>Early Childhood</td>
<td></td>
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<tr>
<td>Curriculum and Instruction</td>
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<tr>
<td>Medical Technology</td>
<td>BS</td>
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<tr>
<td>Medical Record Science</td>
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<tr>
<td>Radiologic Technology</td>
<td>AS, BS</td>
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<td>Respiratory Therapy</td>
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<td>Environmental Health</td>
<td>BS</td>
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<td>Health Sciences</td>
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<td>Pre-Dietetic</td>
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<tr>
<td>Nursing</td>
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<tr>
<td>Pre-Medical &amp; Pre-Dental</td>
<td>BS</td>
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<tr>
<td>Biology</td>
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<tr>
<td>Chemistry</td>
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<tr>
<td>Pre-Dental Hygiene</td>
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<td>Pre-Optometric</td>
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<td>Pre-Pharmacy</td>
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<td>Pre-Physical Therapy</td>
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<td>Pre-Veterinary Medicine Studies</td>
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<td>Air Conditioning, Refrig, Heating</td>
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<td>Mechanical Plant Maintenance</td>
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<td>Machine Shop</td>
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<td>Electrical Lineman</td>
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<td>Welding, 11 Month</td>
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<td>Consumer Electronics</td>
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<td>Electronics-Semi-Conductor Tech</td>
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<td>Electronics Technology</td>
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<td>Wastewater Technology</td>
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<td>Auto Body</td>
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<td>Child Care Studies: Teacher-Supervisor</td>
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<td>Marketing Mid-Management</td>
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<td>Office Occupations</td>
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</tbody>
</table>
PAGE 39 - PRE-ARCHITECTURAL PROGRAM

PRE-ARCHITECTURAL PROGRAM


PAGE 40 - ART COURSES

AR Courses - Add the following:

AR 252 HISTORY OF PHOTOGRAPHY (3-0-3)(S). This course is designed to provide a basic understanding of both the technical and visual history of photography. Through slide-presentations, important photographers of the 19th and 20th centuries will be discussed in terms of their role in the development of photography as an art form.

AR 255 ARCHITECTURAL GRAPHIC COMMUNICATION (1-4-3)(F). Study of architectural presentation techniques, including rendering, shades and shadows, model building, use of color. Also study of basic orthographic projection, including planes, elevations and sections. Advisable to take AR 105 and AR 106 and AR 255 before enrolling in AR 256 Basic Architectural Design.

AR 256 BASIC ARCHITECTURAL DESIGN (1-4-3)(S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 255 Architectural Graphic Communication. Advisable to take AR 105, AR 106, and AR 255 before enrolling in AR 256 Basic Architectural Design.


AR 346 PHOTOGRAPHY: ZONE SYSTEM (2-4-3)(F). This course deals with the important relationship that exists between the negative and the print in photography. This course will provide systematic accounting of the numerous variables of personal equipment, procedures, films, developers, enlarging papers, and style. Technique as the clarifier of idea will be stressed. PREREQ: AR 251 or PERM/INST.

PAGE 42 - BIOLOGY COURSES

Under B BIOLOGY Course Offerings make the following changes:

B 205 MICROBIOLOGY Change PREREQ to: C 107 and Z 111-112 (or its equivalent) or PERM/INST.

Delete B 225 CELL BIOLOGY.

Add: B 301 CELL BIOLOGY (3-0-3) (FS). Structure and function in prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosomal aberrations, and medical applications of Cell biology. One year of college Biology and prior or concurrent enrollment in Organic Chemistry are required.

B 343 GENETICS--LECTURE change PREREQ to: B 301 or PERM/INST.

B 401 ORGANIC EVOLUTION, Change PREREQ to: B 301 or PERM/INST.

B 420 IMMUNOLOGY change semester offered to (S).

BT 311 PLANT MORPHOLOGY change PREREQ to: BT 130 or PERM/INST.

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

Z 351 VERTEBRATE EMBRYOLOGY, Change PREREQ to: Z 130 or PERM/INST.

Z 400 VERTEBRATE HISTOLOGY, Change PREREQ to: Z 130 or PERM/INST.
Z 409 GENERAL AND COMPARATIVE PHYSIOLOGY, CHANGE PREREQ TO: C 317 and Z 130 or PERM/INST.

PAGE 43 - CHEMISTRY REQUIREMENTS

Under requirements for Chemistry Major:

Change: A. Chemistry ........................................47(from 44)
Add: Organic Qualitative Analysis C-440 ...........3

Under (Suggested Program) SENIOR Year, second semester:

Change: Degree Requirements or Electives ...........6(from 9)

PAGE 44 - CHEMISTRY COURSES

Change C 319 to read:

C 319 Organic Chemistry Laboratory (1-3-2)(F). Basic organic laboratory techniques and simple organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.

Change C 320 to read:

C 320 Organic Chemistry Laboratory (1-3-2)(S). More advanced organic laboratory techniques, syntheses, classical organic qualitative analysis and an introduction to spectroscopic methods. Three hours of laboratory and one hour of recitation per week. PREREQ: C 317. COREQ: C 318.

Add new course:

C 440 Organic Qualitative Analysis (1-6-3)(S). Organic qualitative analysis with emphasis upon using spectroscopic methods and spectral interpretation. Two three-hour laboratories and one hour of lecture per week. PREREQ: C 318 and C 320.

PAGES 47-48 - ENGLISH PROGRAMS

Change 3. General Option to read as follows:

1. General Option without specific area of emphasis

COLLEGE OF ARTS AND SCIENCES, PART 4

a. Completion of 53 credits in English or Linguistics excluding E 101 and E 102 or E 111-H and E 112-H.

1) Of these credits, 38 must be upper division, including E 498, Senior Seminar.

2) Of these credits, 15 must be in British Literature, excluding E 385, E 389, and E 487.

b. No more than 9 credits may be in special topics courses in English or Linguistics.

2. General Option, American Literature Emphasis

a. Specific courses:
   Survey of Amer. Lit, E 271,272 ........................ 6
   Shakespeare, E 345 or E 346 .......................... 3
   Amer Renaissance, E 377 .............................. 3
   Amer Realism, E 378 ................................. 3
   Lit of Amer West E 384 ................................ 3
   Folklore, E 390 ....................................... 3
   Senior Seminar, E 498 .............................. 2

b. Area requirements:
   Modern Brit & Amer Lit E 385,389,487 ............. 3
   Lower division Lit courses E 211,213,217,219,311 or 487; 9
   Upper division electives in Literature or Linguistics .................................................. 18
   American Political Theory PO 331 .................. 3
   Cultural Anthropology AN 102 (Area II) .......... 3
   U.S. History, HY151,152,354,355,356,358,or 359 3

3. General Option, British Literature Emphasis

a. Specific courses:
   Survey of British Literature E 240, 260 ............... 6
   Shakespeare, E 345 or 346 ............................ 3
   Senior Seminar, E 498 .............................. 2

b. Area Requirements:
   Pre-1800 British Lit courses numbered E 340-369 .... 12
   Post-1800 British Lit courses numbered E 360-369 .... 6
   Electives in British, American Lit (15 UD) ........... 24
   British History, HY 311,312,338 or 432 ............ 3

4. General Option, Linguistics Emphasis

a. Specific courses:
   Intro to Linguistics, LI 305 ........................... 3
   Applied English Linguistics, LI 307 ................. 3
History of English Language, LI 309 .......... 3
Modern English Structure LI 405 .......... 3
Applied Linguistics in Teaching ESL .......... 3
ESL Internship E 493 ................. 3
Senior Seminar E 498 .................. 2

b. Area Requirements:
Old-Mid Engl Lang or Lit (i.e., E 340) or foreign lang ................. 3
Electives in Literature lower or upper division .......... 15
British Lit .................................. 15
One year of a Foreign Language ............. 6-8
A 2nd yr of foreign lang or 1 yr of 2nd foreign lang .......... 6-8
Cultural Anthropology, AN 102 (Area II core) ....... 3

5. General Option, World Literature Emphasis
a. Specific courses:
Far Eastern Literature E 215 .................. 3
Western World Lit E 230,235 ................. 6
19th & 20th Cent Continental Lit E 336,338 .......... 6
Medieval Epics & Romance, E 341 ................. 3
Shakespeare, E 345 or 346 .......... 3
Folklore, E 390 .................................. 3
History of Literary Criticism E 393 ................. 3
Senior Seminar, E 498 ..................... 2
b. Area Requirements:
LD Lit--E 211,213,217,240,260,271 or 272 .......... 6
English Lit courses from E 340-369 .......... 9
Upper Div electives in Lit or Linguistics .......... 9
World Drama, TA 341,342,343,445 .......... 3
History, other than US or British .......... 6

6. General Option, Writing Emphasis
a. Specific courses:
Advanced Expository Comp. E 201 ................. 3
Technical Writing, E 202 ..................... 3
Advanced Writing, E 401 ..................... 3
Writing Internship, E 493 ..................... 3
Senior Seminar, E 498 ..................... 2
b. Area Requirements:
Creative Writing, E 205,206,305,or 306 .......... 6
Linguistics Li 305,307,309 or 405 ................. 6
Lower division Lit. electives, not to exceed 15 credits total
for completed option ./3-9/

British Lit courses numbered from E 340-369 .......... 15
UD Electives in Lit or Linguistics .......... 3-9
Electives CM 471,473,474, HY 210, P 341 or PY 247 .......... 9

PAGES 50-53 - DELETE FOREIGN LANGUAGE DEPARTMENT

DEPARTMENT OF FOREIGN LANGUAGES & LITERATURES

Foreign Language Majors, Bachelor of Arts Degrees have been discontinued. For teaching options with a minor endorsement, and specific courses to be offered, contact the Department of Teacher Education and Library Science.

PAGE 58 - MATHEMATICS CHANGES


MATHEMATICS MAJOR

Change the paragraph in mid-page which starts, "and a 400 level course (of 3 or more credits) ......." to read:

and a 400 level course (numbered below M 490) in addition to those in the sequence selected. M 406 or M 431-432, which may be used in specific area requirements, are also allowed in satisfying the overall requirements of 27 upper division hours in Mathematics. No more than 4 credits of the combined total of credits earned for courses numbered M 490 through M 499 can be used toward the 27 credits of upper division Mathematics requirement.

MATHEMATICS COURSES

Add the following prerequisite statement to M 020, M 100, M 103-104, M 105-106, M 108, M 109, M 111, M 122, M 204:

PREREQ: Satisfactory score on placement exam.

Change M 100 A Cultural Approach to Mathematics to read:

M 100 Mathematics for Liberal Arts Students (4-0-4)(Area III).
Designed for liberal arts students. Emphasis is on the nature of mathematical knowledge, its meaning, methodology, and use. Generally topics will be selected from the elementary materials in
set theory, logic, number theory, algebra, geometry, probability, statistics, graph theory. PREREQ: A year of high school mathematics or PERM/INST.

PAGE 60 - NEW MATHEMATICS COURSES

MATHEMATICS COURSES

Add the following additional courses:

M 126 Introduction to Computer Science (4-0-4)(S). A course in the fundamentals of computing for students planning to become computer professionals. Emphasis will be placed on typical machine architecture, introduction to the concepts of machine and assembly language, number systems, data representation, algorithms, elementary symbolic logic, structured programming, applications and social impact of computers. PREREQ: M 122 or M 124 or PERM/INST.

M 320 VECTOR CALCULUS (2-0-2)(S). Vector valued functions of one or several variables, line and surface integrals, Green's Theorem, Stokes' Theorem, the Divergence Theorem. PREREQ: M 206 or 212.

M 321-322 ADVANCED ENGINEERING MATHEMATICS - delete these courses.

M 331 DIFFERENTIAL EQUATIONS (3-0-3). Theory of ordinary differential equations with applications to physical sciences and engineering. PREREQ: M 206 or 212.

M 356 DISCRETE MATHEMATICAL STRUCTURES (3-0-3)(F-even numbered years). The study of fundamental logical, algebraic, and combinatorial concepts from mathematics useful in abstracting ideas in other disciplines. Special emphasis will be placed on applications to computer science. Topics are: The nature of formal systems, logical deduction, sets, relations, graphs and directed graphs, trees, binary operations, groups, and combinatorics with emphasis on enumerations. PREREQ: M 206 or M 212 or PERM/INST.

M 464 MATHEMATICAL MODELING (3-0-3)(S). Introduction to mathematical modeling through case studies. Deterministic and probabilistic models; optimization. Examples will be drawn from the physical, biological, and social sciences. PREREQ: M 361 and M 122 or PERM/INST.

PAGE 62 - MUSIC/BUSINESS OPTION

Change "II BACHELOR OF ARTS PROGRAM REQUIREMENTS" to read:

II. Bachelor of Arts Program Requirements

1. General Music Major Option
   a. General University and Basic Core Requirements for the Bachelor of Arts Degree.
   b. Minimum Music Requirements (same as in present catalogue statement above, B).

2. Music/Business Option
   a. General University and Basic Core Requirements for the Bachelor of Arts Degree to include the following:

1) Area II: CM 111 Fundamentals of Speech Communication ............................................. 3

2) Area III: At least one course in Mathematics selected from the following:
   M 100 Cultural Approach to Math, or ................................................................. 4
   M 105, 106 Math for Business Decisions ................................................................. 4-8

3) Minimum Music Requirements (45)
   MA 010 Concert Class (each semester) ................................................................. 0
   ME --- Performance Studies ................................................................. 8
   MU 119-120 Materials of Music I-II ................................................................. 8
   MU 341, 342, 343, 344 History & Lit of Music ............................................. 10
   Senior Project (An Independent Study terminal project under faculty supervision with the approval of the Music Department Chairman) ................................................................. 3
   Music Electives (upper division) ................................................................. 10

4) Business courses (a maximum of 33 credits in Business courses is allowed in this option). (24-33)

5) Required Courses
   GB 101 Introduction to Business ................................................................. 3
   MM 101 Salesmanship* ................................................................. 3
   MM 105 Elements of Management* ................................................................. 3
   MM 203 Principles of Advertising ................................................................. 3
   AC 205 Introduction to Financial Accounting ................................................................. 3
   GB 202 Business Law ................................................................. 3
   IS 210 Introduction to Information Sciences ................................................................. 3

COLLEGE OF ARTS AND SCIENCES, PART 4
6) Additional courses-electives (up to 9 credits may be chosen from the following):
   EC 201 Principles of Economics-Macro ............... 3
   EC 202 Principles of Economics-Micro ............... 3
   AS 309 Records preparation and Management* ........ 3
   AS 317 Office Management* .................. 3
   MK 307 Consumer Behavior* .................. 3

*To enroll in these courses special arrangements are necessary with the chairman of the Department of Marketing and Administrative Services.

PAGE 65 - MUSIC COURSES

ME 115,315 Add course title "OPERA THEATRE."

Add the following new MU courses:

MU 331 AMERICAN MUSICAL THEATRE (3-0-3)(F). An historical overview will be presented along with a look at behind-the-scenes work necessary in the presentation of musical theatre productions. Includes an in-depth look at all the responsibilities of the entire production crew, from promotion and box office to stage crews, and from makeup crews to cast.

MU 332 MUSICAL THEATRE PRODUCTIONS (0-10-3)(S). Specific apprenticeships in the operations of actual musical theatre productions will be given to gain experience in the practical application of knowledge learned in MU 331. Graded pass/fail. May be repeated two times for credit. PREREQ: MU 331, PERM/INST.

PAGE 67 - CONSTRUCTION MANAGEMENT PROGRAM

CONSTRUCTION MANAGEMENT Bachelor of Science Degree, Change to the following:

CONSTRUCTION MANAGEMENT CURRICULUM

Bachelor of Science

The intent of this program is to provide training in Mathematics, Science, Engineering and Business, so the construction manager can coordinate and relate intelligently to owners, craftsmen, architects and other professionals involved in construction projects.

FRESHMAN

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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</table>

COLLEGE OF ARTS AND SCIENCES, PART 4
2. All construction management classes will be taking several field trips during the semester to be scheduled Monday afternoons.

3. No more than 33 credits may be taken from the College of Business.

PAGE 68 - CONSTRUCTION MANAGEMENT COURSES

Change the following CO CONSTRUCTION MANAGEMENT Course Offerings:

CO 235 CONSTRUCTION BLUEPRINT COMMUNICATIONS (3-0-2)(F). The transmission and interpretation of blueprint communications covering different types of drawings, including their organization and format. Emphasizing three-dimensional visualization to make practical applications and determine quantities of work. Learn how to interpret quickly and visualize what is being presented by the drawings. Monday field trips required. PREREQ: EN 108.

CO 260 INTRODUCTION TO THE MANAGEMENT OF CONSTRUCTION (3-0-3)(S). Introduction to construction terminology, industry and management. Includes the planning, staffing, directing and controlling functions with emphasis on organizations and the schools of management. A survey of the basic trades, methods, quantity take-off calculations, estimating, and scheduling. Monday field trips required. PREREQ: M 111 and EN 108.

CO 296 CONTRACTS AND SPECIFICATIONS (3-0-3)(S). Contracts, contract documents, and specifications for construction including legal as well as technical implications, claims, change orders and contract administration, emphasizing Owner-Engineer/Architect-Contractor functions and related problems. Monday field trips required. PREREQ: GB 202.


CO 330 SOIL MECHANICS AND FOUNDATION CONSTRUCTION (3-0-3)(S). Fundamentals of soil mechanics as it relates to foundation and earthwork construction problems: interaction of water and soil, compaction, bearing capacity, lateral pressures, drainage and waterproofing, spread footings, retaining walls, pile foundations, and special foundation construction problems. PREREQ: M 204 or PERM/INST.

CO 351 MECHANICAL INSTALLATIONS (3-0-3)(F). The fundamentals of mechanical installations and associated construction problems including heat loss and gain, heating, ventilating and airconditioning, fluid flow in pipes and ditches as well as water supply, sewage, and fire protection installations. Monday field trips required. PREREQ: PH 102 and EN 205.

CO 352 ELECTRICAL AND ACOUSTICAL INSTALLATIONS (3-0-3)(S). The fundamentals of electrical and acoustical installations and associated construction problems including electrical circuits, conduits, conductors, switch gear; other service equipment and electrical transmission. Also included will be lighting and acoustical installations and associated construction problems. Monday field trips required. PREREQ: PH 102 and EN 205.


PAGE 68 - EN COURSES

Change following EN courses:

EN 101 delete this course and substitute:

EN 107 ENGINEERING FUNDAMENTALS AND COMPUTER PROGRAMMING (3-0-3)(FS). An introduction to engineering including subdivisions and organization of the professions, methods of analysis, computations, and vectors all of which include the use of computer programming. PREREQ: M 111.

EN 108, change title only to ENGINEERING GRAPHICS

EN 225 - deleted (see PH225 below.)
Add the following course:

**PH 225 INTERMEDIATE APPLIED PROGRAMMING (2-0-2)(S).** An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be on language and programming topics useful in the solution of science and engineering problems. Concentration will be on FORTRAN, but other programming languages will also be used. PREREQ: EN 104 or EN 107. Credit cannot be obtained from both PH 225 and M 225.

**PAGE 71 - PHILOSOPHY MAJOR (NEW PROGRAM)**

**PHILOSOPHY MAJOR**
Bachelor of Arts Degree

The program requirements for a philosophy major and in addition to the necessary requirements to obtain a bachelor of arts degree from Boise State, include 45 hours of philosophy credit, 30 of which are specifically required courses and 15 of which are electives from other various courses in philosophy. The required courses are listed below:

- PY 101, Introduction to Philosophy
- PY 121, Introduction to Logic
- PY 221, Metaphysics
- PY 231, Epistemology
- PY 249, Ancient Philosophy
- PY 251, Medieval Philosophy
- PY 321, The British Empiricists
- PY 331, The Rationalists
- PY 351, Contemporary Philosophy
- PY 211, Ethics

**PAGE 72 - PHILOSOPHY COURSES**

Add the following new courses:

- **PY 261 AESTHETICS (3-0-3)(F).** This course is directed toward such questions as "what is Art?" "what criteria does one employ to determine good art from bad art?" Aesthetics is ultimately concerned with the nature of beauty. PREREQ: PY 101.
- **PY 321 THE BRITISH EMPIRICISTS (3-0-3)(S).** This course covers one of the two basic schools of modern philosophy which focuses upon the theories of perception. Selected works of Locke, Berkeley, Hume are examined. PREREQ: PY 101.
- **PY 331 THE RATIONALISTS (3-0-3)(S).** This course covers the second basic school of modern philosophy which focuses upon reason as the unique element of knowledge. Selected works from Descartes, Leibniz, and Kant are examined. PREREQ: PY 101.
- **PY 351 CONTEMPORARY ANALYTIC PHILOSOPHY (3-0-3)(S).** This course examines the methods of logical positivism, presented through the works of Russell, Wittgenstein, and Ayer. It also relates the alternatives to positivism as expressed through the later works of Wittgenstein. Also to be examined are selected papers of Moore and Russell. PREREQ: PY 101.

**PAGE 73 - SW 480 CHANGE**

Under Social Work courses change SW 480 as follows:

- **SW 480 FIELD WORK I (0-16-5).** Sixteen hours per week, student practices with supervision of professionally trained and experienced social worker. Juniors must apply for admission to field work prior to their second semester. PREREQ: SW 380, SW 385, PERM/INST, contingent on GPA 2.5 cumulative and 3.0 in Social Work courses.

**PAGE 74 - CJA PROGRAM CHANGE**

Under Criminal Justice Administration Core Courses add after Introduction to Financial Accounting...3:

- OR
- **Introduction to Information Sciences IS 210 ...3**
Special Requirements and Options

The Bachelor of Business Administration (BBA) degree is available by completing all requirements for that degree as described on page 33 and listed on the following pages under the appropriate major. Additionally, College of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science course requirements for those degrees (see pgs 32-33 for BA or BS requirements.) Faculty advisors should be consulted about these additional requirements.

Transfer of Credits. In general, the College of Business limits transfer of credits for business courses which apply to business degree requirements only to such courses as it offers at the same level. In other words, a lower division transfer course cannot be accepted to satisfy an upper division requirement of the College of Business. Department Heads may authorize validation of such lower division courses by certain techniques such as CLEP, departmental competency examinations, and/or special permission to enroll in higher level classes for which the course in question is a prerequisite. See the Department Head for details.

Specialized Programs. A special curriculum leading to a two year Associate Degree in Marketing/Mid-Management is available. Within resource limitations, other specialized curricula for skill areas are offered. Most credits earned in these curricula may later be applied toward the Bachelor degree. Students should understand that not all courses taken in these special areas are applicable to all Bachelor degrees. Therefore, graduation may require more than 128 credits.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU College of Business faculty members. Academic credit along with financial compensation is possible.

Upper Division Admission

The College of Business requires admission to upper division standing by petition. This requires all students to meet certain criteria in order to be admitted to upper division standing and therefore allowed to continue in the College of Business at Boise State University.
MINIMUM CRITERIA FOR UPPER DIVISION ADMISSION

1. Admission to Boise State University
3. Cumulative GPA of at least 2.4.
4. Completion of at least 58 credit hours, including courses in progress the application semester.
5. Selection of an authorized major.
6. Application with transcript by the appropriate deadline (three months or more prior to beginning of Fall, Spring or Summer sessions.)

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 33 for BBA requirements, and pages 32, 33 for BA or BS requirements.

All College of Business Baccalaureate degree candidates are required to complete the courses required for Upper Division admission before enrolling in Upper Division courses in the College of Business.

All students are cautioned that Upper Division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the Lower Division courses listed above are specific prerequisites for certain Upper Division Courses in the College of Business.

College of Business Baccalaureate candidates are required to complete the following Upper Division courses prior to GB-450, Business Policies, which is also a required core course:

- Applied Business Communication AS-328
- Principles of Management MG-301
- Principles of Marketing MK-301

Principles of Finance FI-303
Principles of Production Management DS-345

The one exception to this requirement is in the BA in Economics program as described in the Catalog.

DEPARTMENT OF ACCOUNTING

Business Building, Rm. 214 Phone (208) 385-3461

Chairman and Associate Professor: Dr. Gordon Pirrong; Professor: Merz; Associate Professors: Gingras, Medlin, Nix; Assistant Professor: Millier; Special Lecturers: Boyll, Ellis, Ruby, Sellers, Stephenson

MAJORS IN ACCOUNTING

ACCOUNTING PROGRAM

Bachelor of Business Administration Degree

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<td>English Composition E 101-102</td>
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<tr>
<td>Principles of Economics EC 201-202</td>
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<td>Cost Accounting AC 351</td>
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<tr>
<td>Managerial Accounting AC 352</td>
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</table>

COLLEGE OF BUSINESS, PART 5 (Complete)
Intermediate Microeconomics EC 303 3
Applied Business Communication AS 328 3
Principles of Marketing MK 301 3
Principles of Finance FI 303 3
Principles of Management MG 301 3
Principles of Production Management DS 345 3

Total 15

SENIOR YEAR:
Principles of Income Taxation AC 401 3
Advanced Accounting I, II AC 460-470 3 3
Auditing AC 405 3
Business Law II GB 302 3
Human Resource Management MG 401 3
Business Policies GB 450 3
General Electives 3 7

Total 15 16

In addition to general University requirements, the following courses are required for an Accounting major:

Business Courses: MK-301, GB-202-302, 450; FI-303, EC-303; AS-328; MG-3 MG 301, 304, 401; DS-345.

Accounting Courses:

Core Courses: The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC-205, 20 206, E-101,102, DS-207, IS-210, plus M-106 or M-204.

NOTE: Students planning to sit for the uniform CPA examination are strongly advised to include AC-402, 482 and IS-220 in their program.

COURSE OFFERINGS

AC ACCOUNTING

LOWER DIVISION

AC-205 INTRODUCTION TO FINANCIAL ACCOUNTING (3-0-3). Introduction to contemporary Financial Accounting in the business world. The emphasis is on obtaining an understanding of how financial statements are prepared and used. Includes the basic terminology, a theoretical framework and the double entry accounting system.

AC-206 INTRODUCTION TO MANAGERIAL ACCOUNTING (3-0-3). Introduction to contemporary Managerial Accounting. Study of manufacturing accounting is emphasized. Introduction to the analysis of financial information with tools such as capital budgeting, inventory measurement and control, and the impact of taxes on decision making. PREREQ: AC-205.

UPPER DIVISION

AC-304 INTERMEDIATE ACCOUNTING I (3-0-3)(F/S). The course includes problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting procedures and preparation of work sheets, financial statements and development of special reports are discussed. Future and present value concepts, current assets and inventories are also included. PREREQ: AC-206.

AC-306 INTERMEDIATE ACCOUNTING II (3-0-3)(F/S). Continuation of AC-304. Operational, fixed and intangible assets are covered. Also covered are: accounting for stockholders' equity, accounting changes, long-term investments in equity securities and price level changes. PREREQ: AC-304.

AC-320 TAX FACTORS IN BUSINESS DECISIONS (3-0-3). Introduction to impact of federal income taxes on business operating and financing decisions. Degree credit not allowed for both AC-320 and AC-401. Offered when possible. PREREQ: AC-206.

AC 351 COST ACCOUNTING (3-0-3) (F/S). 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 and production control. PREREQ: AC-206.

AC-352 MANAGERIAL ACCOUNTING (3-0-3)(F/S). Development and use of accounting information in management planning, control, and decision processes. Topics include operational and capital budgeting, computer applications, and analytical methods such as gross profit, breakeven, and incremental cost analysis. PREREQ: AC-351.

AC-401 PRINCIPLES OF INCOME TAXATION (3-0-3) (F/S). Theory and application of federal income taxes to individuals, including an introduction to F.I.C.A., unemployment taxes, and state income taxes. Degree credit not allowed for both AC-320 and AC-401. PREREQ: AC-306.

AC-402 ADVANCED INCOME TAXATION (3-0-3). Study of the scope and purpose of the accountant as an independent auditor. Topics include: professional ethics; legal responsibilities; role of the SEC; approach to an audit report. PREREQ: AC-306.
AC 420 SYSTEMS ANALYSIS AND DESIGN (3-0-3). Concepts and techniques of design of information systems. Topics include systems theory, data collection, classification, transmission and display, on-line systems and time sharing. Credit may not be earned for both IS-420 and AC 420. Offered when possible. PREREQ: AC-306.

AC 440-440G ACCOUNTING THEORY (3-0-3)(F). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting. May be taken for graduate credit. PREREQ: AC-306.

AC 450 DATA PROCESSING FOR THE ACCOUNTANT (3-0-3). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer is used as the problem solving tool. Offered when possible. PREREQ: AC-405.

AC 460 ADVANCED ACCOUNTING I (3-0-3)(F/S). Topics covered in the course include: Governmental and non-profit accounting, interim reports, segment reporting, corporate liquidations, estates and trusts, and franchises and consignments. PREREQ: AC-306.

AC 470 ADVANCED ACCOUNTING II (3-0-3)(F/S). Study of partnership organization; business combinations and consolidated financial statements; international accounting standards. PREREQ: AC-460. First offering of this course will be in Fall semester 1985.

AC 482 CPA PROBLEMS (6-0-6)(S). In depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. Designed to assist the student in preparing for the certified public accountant examination. PREREQ: AC-405, AC-460. PERM/INST.

### DEPARTMENT OF ECONOMICS

**ECONOMICS MAJOR**

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<th>Bachelor of Arts Degree</th>
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<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
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<tr>
<td>English Composition E 101-102:</td>
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<td>Mathematics M 105-106 or M 111-204:</td>
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<td>History:</td>
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<td>Electives (Area I other than Econ or History):</td>
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<td><strong>Totals</strong>:</td>
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</table>

*See page 32-33 for clarification of fields in BA degree. **Electives should be chosen mainly from Upper Division courses.

---

Business Building, Room 311 Phone 208:385-3351

Chairman and Professor: Dr. Richard D. Payne; Professors: Asmus, Billings, Lamborn; Associate Professors: Draayer, Lichtenstein, Reynolds; Assistant Professors: Dalton, Skoro.

**MAJORS IN ECONOMICS, REAL ESTATE**

**COLLEGE OF BUSINESS, PART 5 (Complete)**
Bachelor of Business Administration Degree

FRESHMAN YEAR:

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<th>Course</th>
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<th>2nd SEM</th>
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SOPHOMORE YEAR:

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*Must include hours in at least 2 of 3 definitive areas as listed on page 32,33 of the Catalog.

DEGREE REQUIREMENTS

**ECONOMICS MAJOR ENDORSEMENT (30 of 30-15-15)**

1. General University and Basic Core Requirements as listed on pages 31 of the catalog.
2. Two approved teaching minors (15 hours each) from:
   a. History
   b. Political Science
   c. Anthropology
   d. Sociology
   e. Geography
3. Economics Courses --30 hours
   Required Courses EC 201, 202, 303, 305 -- 12 hours
   Other Economics Courses --18 hours
4. Sufficient electives to complete a total of 128 credit hours of which must be Upper Division.

**ECONOMICS MINOR ENDORSEMENT (15 of 30-15-15)**

Required Courses EC 201,202,303,305 ........................................ 12
Upper Division Economics Courses ............................................. 3
**Total** 15

**ECONOMICS MINOR ENDORSEMENT (General)**

(For Secondary Education majors NOT participating in the 30-15-15 program)
Required Courses EC 201,202,303,305 ........................................ 12
Upper Division Economics Courses ............................................. 9
**Total** 21

ECONOMICS--SOCIAL SCIENCE

SECONDARY EDUCATION OPTION

Each academic department in the Social Sciences (History; Political Science; Sociology, Anthropology & Criminal Justice; 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 2 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 105 of the Catalog.)

COLLEGE OF BUSINESS, PART 5 (Completa)
## BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

### REAL ESTATE MAJOR

**Bachelor of Business Administration Degree**

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*Real Estate Electives: Real Estate Development, RE 370; Appraisal Income Property, RE 431; Principles of Income Tax, AC 401; Brokerage Management RE 450: Property Management RE 350; Money and Banking EC 301.

### COURSE OFFERINGS

#### EC ECONOMICS

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<thead>
<tr>
<th>Course</th>
<th>LOWER DIVISION</th>
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<tbody>
<tr>
<td>EC 201 PRINCIPLES OF ECONOMICS-MACRO (3-0-3) (Area II)</td>
<td>Economic principles are used to analyze the aggregate performance of developed economies. Analysis is applied to domestic and international macroeconomic issues. The goals and problems of high employment, price stability, growth and the balance of payments are analyzed. Monetary, fiscal and other national policies are discussed.</td>
</tr>
<tr>
<td>EC 202 PRINCIPLES OF ECONOMICS-MICRO (3-0-3) (Area III)</td>
<td>An introduction to microeconomic analysis covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development.</td>
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<tr>
<td>EC 210 CONTEMPORARY ECONOMIC PROBLEMS (3-0-3) (F/S)</td>
<td>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 who have taken EC 201 and EC 202.) PREREQ: none.</td>
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#### UPPER DIVISION

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<tr>
<td>EC 301 MONEY AND BANKING (3-0-3)</td>
<td>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. PREREQ: EC 201, EC 202.</td>
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<tr>
<td>EC 303 INTERMEDIATE MICROECONOMICS (3-0-3)</td>
<td>Analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Topics include consumer choice and demand, theories of production and cost, and the economic performance of various market structures. The usefulness of price theory in the analysis of social problems and managerial decisions is stressed. PREREQ: EC 202.</td>
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<tr>
<td>EC 305 INTERMEDIATE MACROECONOMICS (3-0-3)</td>
<td>Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic</td>
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</table>
policy instruments and decisions on aggregate economic performance goals. PREREQ: EC 201.

EC 310 PUBLIC FINANCE (3-0-3) (S). 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. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. PREREQ: EC 201, 202, or PERM/INST.

EC 311 HISTORY OF ECONOMIC THOUGHT (3-0-3) (F). Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. PREREQ: EC 201-202.

EC 315 COMPARATIVE ECONOMIC SYSTEMS (3-0-3) (S). A comparative study of the goals and methods of various economic systems such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. PREREQ: EC 201 or PERM/INST.


EC 321 REGIONAL ECONOMICS (3-0-3) (F). 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 are developed. PREREQ: EC 201-202.

EC 322 URBAN ECONOMICS (3-0-3) (S). Focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial and transportation problems. Tools of economic analysis will be used to analyze the problems and existing and proposed policies. PREREQ: EC 201, 202, or PERM/INST.

EC 325 RADICAL ECONOMICS (3-0-3) (F). Analysis of radical political-economic thought and its applications to the study of socio-economic problems. Topics include Marxist socialist economic theory, libertarianism, anarchist theory, evolutionary economic theory, and other radical models. Issues such as imperialism, economic and social inequality and alienation will be considered. PREREQ: Upper division or PERM/INST.

EC 327 LABOR ECONOMICS (3-0-3) (F). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the micro- and macroeconomic factors affecting workplace decisions. Development of the U.S. industrial relations system is reviewed along with public policies and these are contrasted with those of other western industrialized societies. PREREQ: EC 201-202. Alternate years.

EC 333 NATURAL RESOURCE ECONOMICS (3-0-3). The theoretical and policy issues associated with the use of natural resources are addressed, including property rights issues which arise when considering collective goods, externalities and common property resources. Tools used in the design and evaluation of resource policy, such as benefit/cost analysis, are covered. PREREQ: EC 202.

EC 405 BUSINESS FLUCTUATIONS AND ECONOMIC STABILIZATION (3-0-3). Application and extension of macroeconomic 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. PREREQ: EC 305. Alternate years.

EC 417 (HY 417) U.S. ECONOMIC HISTORY (3-0-3) (S). 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. PREREQ: EC 201, 202 or PERM/INST.

EC 421-422, 421G-422G ECONOMETRICS (3-0-3). Application of mathematical statistics to the study of economic systems. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. PREREQ: M 106 or equivalent and PERM/INST. EC 421G-Fall; EC 422G-Spring. (EC 421 is PREREQ for EC 422.)

RE REAL ESTATE

LOWER DIVISION

RE 201 FUNDAMENTALS OF REAL ESTATE (3-0-3) (F/S). Essentials of real estate practice, listings, sales, financing, land descriptions, investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. This course meets the current minimum 45 hour classroom education requirement of the State of Idaho to take the RE sales examination.

RE 220 LAW OF REAL ESTATE (3-0-3) (F/S). Designed to review the laws establishing and governing basic rights of ownership and use of real estate. The concepts of the modern real estate transaction, the real estate brokerage business, and the various legal relationships involved are discussed. PREREQ: GB 202 and RE 201.

UPPER DIVISION

COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

FINANCE MAJOR

Bachelor of Business Administration Degree

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RE 331 APPRAISAL OF REAL ESTATE (3-0-3) (FS). Modern real estate appraising concepts and the technical skills employed in their application to residential property. PREREQ: RE 201.

RE 340 REAL ESTATE INVESTMENT AND TAXATION (3-0-3) (FS). 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. PREREQ: RE 201, 220 and Fl 303.

RE 350 REAL ESTATE PROPERTY MANAGEMENT (3-0-3) (FS). This course explores role of property manager including: market analysis, management plans, marketing, leases, landlord-tenant relations, maintenance, energy conservation, and operating reports for commercial, residential, industrial and special purpose properties. PREREQ: RE 201, 220.

RE 360 REAL ESTATE FINANCE (3-0-3) (FS). Financial analysis and examination of the intricacies of the real estate mortgage markets, source of mortgage funds, federal government and mortgage markets, management of loan portfolios, leasing, construction financing, creative financing, and financing of specific types of real property. PREREQ: RE 201 and Fl 303.

RE 370 REAL ESTATE DEVELOPMENT (3-0-3) (FS). The traditional development process, including market analysis, feasibility study, land acquisition, zoning, layout and design, design review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer obligation and concerns for problems.

RE 431 APPRAISAL OF INCOME PROPERTIES (3-0-3) (FS). 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 analyzed. PREREQ: RE 201, 331.

RE 450 REAL ESTATE BROKERAGE MANAGEMENT (3-0-3) (FS). Office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. PREREQ: RE 220.

COLLEGE OF BUSINESS, PART 5 (Complete)
### BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

#### SENIOR YEAR:

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*Finance Electives: Intermediate and/or Managerial and Cost Accounting AC 304, 306, 351, 352; International Economics EC 317; Real Estate Finance RE 360; Senior Seminar in Finance FI 498 --one required, second recommended; Public Finance EC 310.

#### INFORMATION SCIENCES MAJOR

**Bachelor of Business Administration Degree**

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**Bachelor of Business Administration Degree**

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### PRODUCTION MANAGEMENT MAJOR

Bachelor of Business Administration Degree

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**Bachelor of Business Administration Degree**

## COLLEGE OF BUSINESS, PART 5 (Complete)
### SENIOR YEAR

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<td>Quantitative Analysis DS 366</td>
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<td>Operations Management DS 408</td>
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<td>Principles of Income Tax AC 401</td>
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<td>Operations Decisions and Controls DS 409</td>
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<td>Mechanics of Material EN 306</td>
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<td>Intermediate Microeconomics EC 303</td>
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<td>Business Ethics and Social Responsibility GB 360</td>
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**Totals:** 18 15

*Production Management Electives: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, MG 340; Labor Law, MG 330; Thermodynamics and Heat Transfer, EN 320.*

### QUANTITATIVE MANAGEMENT MAJOR

Bachelor of Business Administration Degree

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**Totals:** 18 16

### COURSE OFFERINGS

#### DS DECISION SCIENCES

**Lower Division**

**DS 207 STATISTICAL TECHNIQUES FOR DECISION MAKING I (3-0-3)(FS).**

- Designed to provide an understanding and working knowledge of the concepts and techniques pertaining to basic descriptive and inferential statistics. Business applications of such statistical concepts as the Poisson and normal distributions, interval estimates, and hypothesis testing are covered. **PREREQ:** M 106 or equivalent. *(was GB-207)*

**DS 208 STATISTICAL TECHNIQUES FOR DECISION MAKING II (3-0-3)(FS).**

- Statistical methods beyond DS 207. The course concentrates on using these procedures in a business decision making environment. Topics covered include simple and multiple regression analysis and Bayesian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. **PREREQ:** DS 207, IS 210. *(was GB-228)*

**UPPER DIVISION**

**DS 345 PRINCIPLES OF PRODUCTION MANAGEMENT (3-0-3) (FS).**

- Management of the production function. Analysis, design, and control of production processes. Plant location, design and layout, scheduling, time and motion study, quality control, material acquisition and systems theory. Quantitative techniques are considered. **PREREQ:** Upper Division standing, DS 207 and MG 301. *(was MG-345)*

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**COLLEGE OF BUSINESS, PART 5 (Complete)**
DS 366 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS (3-0-3)(F). Study of quantitative tools traditionally referred to as operations research techniques. Emphasis is on the illustration of the functional use of the techniques and how they assist the decision maker. Topics typically covered include linear programming and critical path analysis. PREREQ: DS 207, MG 301, DS 345.

DS 408-408G OPERATIONS MANAGEMENT (3-0-3)(S). Quantitative tools needed in the operations and production management fields for effective decision making. The nature of the interactions between the operations manager and the other business systems will be developed. Typical topics include: process design, facilities layout, and location, and aggregate planning. PREREQ: DS 208, MG 301.

DS 409-409G OPERATIONS DECISIONS AND CONTROLS (3-0-3)(S). Decisions analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. Emphasis will be on presenting the tools in actual business applications. PREREQ: DS 208, MG 301.

FI FINANCE

LOWER DIVISION

FI 108 PERSONAL FINANCE (3-0-3)(F/S). Course addresses the growing complexity of financial decision making faced by the individual. How to avoid financial entanglements; installment buying; borrowing money; owning or renting a home; budgeting and money management; savings and investment alternatives; life, health, accident, and auto insurance; personal income taxes and estate planning.

FI 211 PRINCIPLES OF INSURANCE (3-0-3)(F/S). 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. All areas of insurance are covered including life, casualty, liability and medical.

FI 250 INTRODUCTION TO SECURITIES AND SECURITIES MARKETS (3-0-3)(F/S). Topics include operation of the securities markets in the US; sources of investment information; brokerage firms operation; mechanics of direct investing; basic security analysis; commodities and futures markets; put and call options. PREREQ: AC 205 or PERM/INST.

UPPER DIVISION

FI 303 PRINCIPLES OF FINANCE (3-0-3)(FS). Concepts and techniques of major areas of corporate, institutional, and investment finance, and their interrelationships. Overview of monetary policy by federal reserve, study of US financial system, financial decision-making problems focusing on internal allocation of funds, financing asset needs and securities. PREREQ: AC 205, AC 206, EC 201, 202, and M 106.

FI 325 FINANCIAL MANAGEMENT I (3-0-3)(FS). 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. Instructional methods include the analysis of financial cases and financial modeling. PREREQ: FI 303, and DS 208.

FI 326 FINANCIAL MANAGEMENT II (3-0-3)(S). Critical analysis of different sources of funds, dividend policies, and capital markets. Special topics include refunding debt, social responsibilities of the financial manager, problems of financing the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement text. PREREQ: FI 325.

FI 417-417G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3)(F). Decision processes in the management of financial institutions. Institutions include banks, thrifts, insurance companies, investment firms, mortgage banking firms, finance companies and organizations involved in international finance. PREREQ: FI 303, EC 301.

FI 450-450G INVESTMENT MANAGEMENT (3-0-3)(S). Strategies of investing in stocks, bonds, commodities, and stock options. Topics include risk-return relationships of various investments; efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. PREREQ: FI 250, DS 208, and FI 303.

FI 498-499 SENIOR SEMINAR IN FINANCE (3-0-3). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds 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.

IS INFORMATION SCIENCES

LOWER DIVISION

IS 210 INTRODUCTION TO INFORMATION SCIENCE (3-0-3)(FS). An overview of computer information systems. This survey course introduces computer hardware, software, procedures, and systems, and explores their integration and application in business and in other segments of society. The fundamentals of computer problem
solving and programming in a high-level programming language are discussed and applied.

IS 220 PROGRAMMING TECHNIQUES (F3-0-3)(FS). An introduction to computer programming in a business environment. Emphasis on the fundamentals of structured program design, development, testing, implementation, and documentation of common business-oriented applications using BASIC. Discussion and application of top-down design strategies and structured programming techniques. PREREQ: IS 210.

UPPER DIVISION

IS 360 PROGRAMMING SYSTEMS - COBOL I (3-0-3)(FS). An introduction to COBOL programming in a business environment. Emphasis on the further application of structured program design, implementation, and documentation of business-oriented applications. Coverage of language syntax, data and file structures, report generation, input editing, table processing, and sequential file creation and access. PREREQ: IS 220.

IS 370 PROGRAMMING SYSTEMS - COBOL II (3-0-3)(S). A continuation of IS 360. Emphasis on structured methodology of program design, implementation, and documentation of business-oriented applications. Includes coverage of sequential and random access files. Processing techniques and development of programs and systems of programs for batch and interactive environments using advanced features. PREREQ: IS 360.

IS 405 DATA BASE APPLICATIONS (3-0-3)(F). Introduction to application program development in a database environment with an emphasis on loading, modifying and querying the database using a host language (COBOL). Discussion and application of data structures, file organizations, models of data including hierarchical, network, and relational. Discussion of storage devices and data administration. PREREQ: IS 370.

IS 420 SYSTEMS ANALYSIS AND DESIGN (3-0-3)(F). Study of structured systems development. Emphasis on strategies and techniques of structured analysis and design to produce a logical methodology for dealing with complexity in the development of information systems; and to produce systems specifications and test plans for developing and implementing information systems that satisfy user requirements. PREREQ: IS 370.

IS 430 SOFTWARE DESIGN (3-0-3)(S). Application of computer programming and system development concepts, principles and practices to a comprehensive system development project. A team approach is used to analyze, design and develop large systems of moderate complexity. Use of project management methods, scheduling and control techniques, formal presentations and group dynamics. PREREQ: IS 420.
### MANAGEMENT MAJOR

#### AVIATION OPTION
Bachelor of Business Administration Degree

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### MANAGEMENT MAJOR

#### BEHAVIORAL OPTION
Bachelor of Business Administration Degree

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COLLEGE OF BUSINESS, PART 5 (Complete)
## Management Major

### Industrial Relations Option

Bachelor of Business Administration Degree

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## College of Business, Part 5 (Complete)

### Course Offerings

#### AV Aviation Management

**Lower Division**

- **AV 101 INTRODUCTION TO AERONAUTICS (3-0-3).** Survey of basic aerodynamics, meteorology, navigation and Federal Aviation Agency regulations. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight. At termination, the student may take the FAA Private Pilot examination.

- **AV 201 COMMERCIAL PILOT GROUND SCHOOL (3-0-3)(F).** Study of weather, navigation, radio communications, Federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. PREREQ: Private pilot certificat.

- **AV 205 INTRODUCTION TO AVIATION MANAGEMENT (3-0-3)(F/S).** Designed to provide a foundation for the student of aviation management. Regulatory practices, marketing, flight operation, manpower management and career opportunities in the field are featured.

**Upper Division**

- **AV 331 AIRPORT MANAGEMENT (3-0-3)(F/S).** 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. PREREQ: AC 205.
AV 351 AIRLINE AND AIR CARGO MANAGEMENT (3-0-3)(F/S). 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.

AV 371 AVIATION LAW (3-0-3)(F/S). An overview of fundamental aviation law decisions. A chronological coverage of air law, federal and state regulatory functions, liens and security interest in aircraft is emphasized.

AV 450 COLLOQUIUM IN GENERAL AVIATION (3-0-3)(S). Selected readings and topics on current problems in general aviation. Contact with representatives working in general aviation is advocated. Included in the course is consideration of general aviation equipment, the use of general aviation aircraft as a business tool. The operation and management of fixed base operations. PREREQ: Senior aviation major or PERM/INST.

GB GENERAL BUSINESS

Lower Division

GB 101 INTRODUCTION TO BUSINESS (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

Upper Division

GB 302 BUSINESS LAW II (3-0-3)(F/S). Study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and secured transactions. Also, the formation, operation, and dissolution of partnerships and corporations, the merger and consolidation of corporations. PREREQ: GB 202.

GB 325 PRINCIPLES OF TRANSPORTATION (3-0-3)(F/S). Study of the economic and management problems and functions of the transportation industry. Covers the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in transportation services.

GB 360 BUSINESS ETHICS, AND SOCIAL RESPONSIBILITY (3-0-3)(F). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. Designed to enable students to form individual positions on ethical conduct and social responsibility.

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

GB 450 BUSINESS POLICIES (3-0-3). To develop analytical, problem solving and decision making skills in situations dealing with complex organizations with the ultimate objective of formulating policies and strategies both domestic and worldwide. To build upon and integrate the knowledge and methods acquired to examine all functional areas of the organization. PREREQ: Senior standing plus MG 301, MK 301, DS 345, FI 303.

MG MANAGEMENT

Upper Division

MG 301 PRINCIPLES OF MANAGEMENT (3-0-3). The history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis is also given to international management.

MG 305 PERSONNEL ADMINISTRATION (3-0-3)(F/S). The functions of personnel administration--human resources, planning, procurement, development, utilization, and compensation--with an emphasis on the interrelationships among these functions. Current topics in the law as they affect the personnel functions are considered (e.g., OSHA, Fair Employment Regulations, etc.). PREREQ: MG 301 or PERM/INST.

MG 317 SMALL BUSINESS MANAGEMENT (3-0-3)(F/S). Study of the unique and distinct problems encountered by small business organizations. Covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis is placed on small business management techniques as they apply to service, retail, and production oriented small businesses. PREREQ: MG 301.

MG 330 LABOR LAW (3-0-3)(F/S). The general principles of the law and the effective application of these principles. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanism of conflict resolution are discussed.

MG 340 LABOR RELATIONS (F3-0-3)(F/S). History, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and important concept and terminology in labor-management relations. Contract administration is emphasized with a focus on the day-to-day relationships. International comparisons are made.
MG 401 HUMAN RESOURCE MANAGEMENT (3-0-3). Utilizing concepts and theories from the behavioral sciences, this course covers topics essential to manage human resources effectively. Topics covered include perception, motivation, attitudes, power and leadership. PREREQ: MG 301.

MG 405 ORGANIZATIONAL THEORY (3-0-3)(S). Development of organizational theory including the following specific areas; organizational structure, bureaucracies, organizational influence processes, politics, power and conflict, organizational development and organizational effectiveness. PREREQ: MG 301.

MG 406 COMPENSATION MANAGEMENT (3-0-3)(F/S). Implementation, administration, maintenance, and control of a comprehensive compensation program. Job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisal. Legislation affecting compensation and unique compensation problems of public employees and employees of trans-national enterprises. PREREQ: MG 305 or PERM/INST.

MG 415 COLLECTIVE BARGAINING (3-0-3)(S). Materials and resources utilized in preparation for negotiations. Bargaining strategies and tactics are examined. Various methods of conflict resolution are explored, with an emphasis on the mediation and arbitration process. Special attention is devoted to public sector bargaining. PREREQ: MG 340, 330, or PERM/INST.

COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

ADMINISTRATIVE SERVICES MAJOR

BUSINESS EDUCATION OPTION
Bachelor of Business Administration Degree

FRESHMAN YEAR:

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Distributive Education Certification

COLLEGE OF BUSINESS, PART 5 (Complete)

Students planning to teach in distributive education will take:
MM 101, MM 204, BE 409, BE 441 and BE 443 instead of AC 401, AS 215, AS 310 or AS 317, and upper division economics elective.

Shorthand Certification

Students who wish to become certified to teach shorthand and office occupations subjects will be required to take intermediate and advanced shorthand instead of AC 401, EC 301 and upper division economics elective.

Internship

Business Education students who do not have relevant work experience must complete an internship.

MARKETING MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR:

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<td>Records Management AS 309</td>
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<td>Word Processing Applications AS 215</td>
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JUNIOR YEAR:

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<tr>
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<tr>
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<tr>
<td>Principles of Finance FI 303</td>
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<td>Money and Banking EC 301</td>
<td></td>
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<td>Consumer Behavior MK 307</td>
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</table>

Distributive Education Certification
**Counts as part of the 6 hour Area II requirement other than Economics.**

**At least 16 hours of electives must be outside of the College of Business. The 16 hours must include hours from at least 2 of the 3 defined Areas I, II, and III. Fundamentals of Speech Communication counts as 3 of these 16 hours.**

### MARKETING -- MID-MANAGEMENT MAJOR

#### Associate of Science Degree

<table>
<thead>
<tr>
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<tr>
<td>English Composition</td>
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</tr>
<tr>
<td>Introduction to Business</td>
<td>GB 101</td>
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<tr>
<td>Math or Information/Decision Science Elective</td>
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<tr>
<td>Salesmanship</td>
<td>MM 101</td>
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<tr>
<td>Introduction to Financial Accounting</td>
<td>AC 205</td>
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<tr>
<td>Principles of Economics-Macro</td>
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<tr>
<td>Mid-Management Practicum MM 100</td>
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<tr>
<td>Elements of Management MM 105</td>
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<td>Fundamentals of Speech Communication CM 111</td>
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#### Sophomore Year

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<td>Principles of Economics-Macro</td>
<td>EC 202</td>
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<tr>
<td>Principles of Advertising MM 203</td>
<td>-</td>
</tr>
<tr>
<td>Report Writing MM 209</td>
<td>3</td>
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<td>Supervision of Personnel MM 206</td>
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<tr>
<td>Retail Merchandising MM 204</td>
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<tr>
<td>General Psychology P 101</td>
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#### Totals

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<td>Principles of Production Management DS 345</td>
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<tr>
<td>Business Communication AS 328</td>
<td>-</td>
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<td><strong>Totals</strong></td>
<td>18</td>
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</tbody>
</table>

**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 and Administrative Services.**

### COURSE OFFERINGS

#### AS ADMINISTRATIVE SERVICES

**Lower Division**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>AS 213 WORD PROCESSING/MACHINE TRANSCRIPTION (2-0-2)(F/S)</td>
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<tr>
<td>AS 215 WORD PROCESSING APPLICATIONS (3-0-3)(F/S)</td>
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<tr>
<td>AS 309 RECORDS MANAGEMENT (3-0-3)(F)</td>
<td>3</td>
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<tr>
<td>AS 310 PRINCIPLES OF ADMINISTRATIVE SERVICES (3-0-3)(S)</td>
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</tr>
<tr>
<td>AS 315 PRINCIPLES OF WORD PROCESSING (3-0-3)(F)</td>
<td>3</td>
</tr>
<tr>
<td>AS 317 OFFICE MANAGEMENT (3-0-3)(S)</td>
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</tr>
<tr>
<td>AS 328 BUSINESS COMMUNICATION (3-0-3)(F/S)</td>
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**Upper Division**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS 328 BUSINESS COMMUNICATION (3-0-3)(F/S)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Effective correctness of writing and the psychology of letter writing will be stressed through the preparation of a variety of business**
messages. Specific memorandum and letter problems will be used in conjunction with various cases to provide students with realistic opportunities to develop writing skills necessary for entry-level performance. PREREQ: E 102.

AS 338 TECHNICAL WRITING FOR BUSINESS. (3-0-3)(S). A study and application of the principles and logic of effective writing in the preparation of business reports and technical papers. Specific as well as general instruction in the gathering and interpreting of data, organizing of information, and writing of the final report. The case-study approach will be used. PREREQ: AS 328.

BE BUSINESS EDUCATION

Upper Division

BE 401 METHODS IN BUSINESS EDUCATION (3-0-3)(F). Methods and materials of instruction in business subjects at the secondary and post-secondary levels. Methods of teaching the adult learner. Application of principles of learning and teaching to business education. Must be taken prior to student teaching.

BE 409 METHODS AND MATERIALS IN DISTRIBUTIVE EDUCATION (2-0-2)(F). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Organization and administration of vocational student groups.

BE 411 CONSUMER EDUCATION IN THE SCHOOLS (3-0-3)(S). For students preparing to teach consumer related topics. To introduce prospective teachers to teaching methodology appropriate to Consumer Education. Learning materials and resources will be identified and reviewed. PREREQ: Senior level or PERM/INST.

BE 421 BUSINESS CURRICULUM AND METHODS SEMINAR (3-0-3)(S). Coverage of current issues and methods in business education, curriculum, research, vocational guidance, and the handicapped student. Includes counseling responsibilities, curriculum development, teaching the disadvantaged and handicapped, and modifying vocational programs for students with special needs. Individual research and presentation emphasized.

BE 441-441G PRINCIPLES AND ORGANIZATION OF VOCATIONAL EDUCATION PROGRAMS--JOB ANALYSIS (3-0-3)(S). Philosophy, history, purpose and organization of Vocational Education programs. Occupational analysis to include nature and use of vocational information, labor force opportunities, job values, job analysis, job descriptions, and job requirements.

BE 443-443G ADMINISTRATION AND COORDINATION OF COOPERATIVE PROGRAMS (3-0-3)(F). Selection, guidance, placement, superv and follow-up of students in training stations. Responsibilities of good public relations, organization, maintenance, and utilization of advisory committees. Vocational youth groups, including philosophy, establishment, leadership, financing, activities, and contests.

BE 471 BUSINESS STUDENT TEACHING (8-0-8)(F/S). Supervised teaching under the direction of qualified business and teacher-education specialists. PREREQ: BE 401 and PERM/DIR.

MK MARKETING

Upper Division

MK 301 PRINCIPLES OF MARKETING (3-0-3)(F/S). Marketing consists of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization will satisfy; determining the product, price, promotion, and place in a proper mix. PREREQ: Junior standing.

MK 306 PROMOTION MANAGEMENT (3-0-3)(F/S). A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to insure that managers are aware of the ethical responsibilities inherent in the job. PREREQ: MK 301.

MK 307 CONSUMER BEHAVIOR (3-0-3)(F/S). Theories of behavior related to purchase and consumption of goods or services. Individual as well as group reaction in social science research is evaluated. PREREQ: MK 301.


MK 415-415G MARKETING RESEARCH (3-0-3)(F/S). Theory and use of research for marketing decisions. Experience in formal research methodology by planning and conducting an actual research project. PREREQ: DS 208 and MK 301.

MK 421 SALES ADMINISTRATION (3-0-3)(F/S). Management and integration of sales organizations, emphasizing recruiting, selection, training, supervision, compensation of salesmen. Stress also placed on coordination with other functional managers, ethics and social responsibilities of the sales manager. PREREQ: MK 301.

MK 425 ADVANCED MARKETING MANAGEMENT (3-0-3)(F/S). Case and "real world" study of marketing problems. Emphasis on problem
definition, recognition of alternative solutions, decision criteria, and defense of a "best" solution. PREREQ: MK 320 and MK 415.

MM MARKETING--MID-MANAGEMENT

Lower Division

MM 100 MID-MANAGEMENT (2-0-2)(F/S). For students enrolled in the mid-management program. Student may earn 2 semester hours credit for a maximum of four semesters. This provides actual experience in retail, wholesale, or service field as a paid employee. Student is evaluated by both the employer and the program coordinator.

MM 101 SALESMANSHIP (3-0-3)(F/S). 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. Special emphasis is given to ethical sales techniques.

MM 105 ELEMENTS OF MANAGEMENT (3-0-3)(F/S). Principles of management related to the functions of planning, organizing, staffing, directing, and controlling. Production is not considered. Mid-Management Majors only.

MM 201 CONSUMER MARKETING (3-0-3)(F). The study of activities by which goods and services flow from producer to ultimate consumer. Includes methods, policies, and evaluation of the various marketing institutions according to the function performed.

MM 203 PRINCIPLES OF ADVERTISING (3-0-3)(S). Objectives and policies of sales promotion, study of the media, and regulation of advertising. Coordination of display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display.

MM 204 RETAIL MERCHANDISING (3-0-3)(F/S). Merchandise planning and control, expenses, and cost reduction, purchasing for resale, pricing of goods, retail control systems. Mid-management majors only.

MM 206 SUPERVISION OF PERSONNEL (3-0-3)(S). Major emphasis is given to the applied management functions of the first level supervisor. Individual and organizational needs are identified and discussed.

MM 209 REPORT WRITING (3-0-3)(F). Prepares the student to write reports for business situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid-management majors only.
Except for the faculty listing change the Department of Health, Physical Education and Recreation to read:

UNDERGRADUATE PROFESSIONAL PREPARATION PROGRAM LEADING TO A BACHELOR OF SCIENCE DEGREE IN PHYSICAL EDUCATION

1. Physical Education Options--major degree programs
   a. Secondary Education Option - for those who wish to qualify for teacher certification.
   b. Non-Teaching Option - for those who wish to prepare for physical education related careers which do not require teacher certification.

2. Supporting Fields--Broad divisions within the total professional preparation program.
   a. School Physical Education--Areas of emphasis generally related to public school physical education instruction.
   b. Sport Science--Areas of emphasis generally related to organized competitive athletics at all levels.
   c. Commercial/Industrial Physical Education--Areas of emphasis generally related to private-commercial or industrial physical education related professions.

3. Areas of Emphasis--Areas with major curriculum requirements in addition to a common core.
   a. Physical Education Grades K-6 -- For those who wish to become elementary physical education specialists.
   b. Physical Education Grades 7-12 -- For those who wish to become junior/senior physical education specialists.
   c. Health Education -- For those physical education majors who wish a strong minor in health education and who meet certification standards for physical education and health teachers.
   d. Corrective/Adaptive Physical Education -- For those whose interests are in developing and implementing physical education programs for special populations such as the mentally retarded, physically disabled, socially and emotionally maladjusted or deviant and for the elderly.
   e. Athletic Coaching -- For those who wish to have special preparation for public school or college coaching careers.
   f. Athletic Training -- For those who wish to prepare for National Athletic Trainers Association Certification Examination and qualify for positions as athletic trainers in public schools, college or professional sports or sports medicine clinics.
   g. Biomechanics -- For those who wish to develop an improved understanding of the mechanical bases of human movement; for coaching, research or preparation for graduate school.
   h. Exercise Physiology -- For those who desire a physical education degree with a strong emphasis in the biological sciences as preparation for graduate school or for employment in fitness related fields.
   i. Sport Communication -- For those who wish to prepare for employment as sports information directors, sports broadcasting, etc.
   j. Commercial Fitness -- For those who wish to prepare as fitness experts in commercial fitness centers.
   k. Industrial Fitness -- For those who wish to develop and implement total fitness programs connected with industrial companies and corporations.
   l. Business -- For those who wish to prepare for an organizational or administrative position in a physical education related field.

4. Minor Field of Interest -- Areas related to some areas of emphasis in such a way that specific courses may be identified to help prepare the graduate for a specific job such as: Strength coach, audio-visual technician in sports; equipment technician; physical education in correctional institutions; physical education for the elderly, socially deviant, etc.

BACHELOR OF SCIENCE DEGREE
PHYSICAL EDUCATION
SECONDARY EDUCATION OPTION
## BSU Catalog 1982-83 Cumulative Addendum

### Required of All Graduates:

#### General University Requirements:
- **English Composition E 101-102**: 6
- **Area I Core**: 12
- **Area II Core**: 12
- **Area III Core**: 12
- **Area II-III Electives**: 9

#### Physical Education Core Requirements (Required of All Graduates):
- **Health Education PE 100**: 3
- **Foundations of Physical Education PE 101**: 3
- **Rhythmic Skills PE 113**: 1
- **Tumbling Skills PE 115**: 1
- **Sports Skills PE 117**: 1
- **Human Growth and Motor Development PE 205**: 2
- **Anatomical Kinesiology PE 230**: 3
- **Evaluation in Physical Education PE 309**: 3
- **Exercise Physiology PE 310**: 3
- **Biomechanics PE 311**: 3
- **Organization and Admin of PE PE 457**: 3

#### Additional Required or Approved Elective Physical Educational Courses for Each Supporting Field

Minimum 11

#### Additional Required or Approved Elective Cross-Disciplinary Courses for Each Supporting Field

Minimum 11

#### Teacher Education Certification Requirements for Some Areas of Emphasis

21-28

#### Required or Approved Elective Cross-Disciplinary Courses for Non-Teaching Option

21-28

#### Total Credits Required for Graduation (Minimum)

128

**NOTE:** P 101, Z 111-112, P 312, H 207 and CM 111 or CM 311 are required of all graduates.

### Suggested Curriculum for Each Year

#### Freshman Year
- **English Composition E 101-102**: 6
- **General Psychology P 101**: 3
- **Human Anatomy and Physiology Z 111-112**: 8
- **Health Education PE 100**: 3
- **Foundations of Physical Education PE 101**: 3
- **Rhythmic Skills PE 113**: 1
- **Tumbling Skills PE 115**: 1

### College of Education, Part 6

### Sports Skills PE 117
### Advanced First Aid PE 122
### Supporting Field Approved Electives

**Minimum 32**

#### Sophomore Year
- **Human Growth and Motor Development PE 205**: 2
- **Anatomical Kinesiology PE 230**: 3
- **Nutrition H 207**: 3
- **Physical Education Approved Electives**: 3
- **Approved Supporting Field Electives**: 6
- **Area I Core**: 3
- **Area II Core**: 3
- **Area III Core**: 4

#### Junior Year
- **Evaluation in Physical Education PE 309**: 3
- **Exercise Physiology PE 310**: 3
- **Adolescent Psychology P 312**: 3
- **Physical Education Approved Electives**: 1
- **Approved Supporting Field Electives**: 9
- **Area I Core**: 3
- **Area II Core**: 3
- **Area III Core**: 4

#### Senior Year
- **Organization and Admin of PE PE 457**: 3
- **Physical Education Approved Electives**: 6
- **Supporting Field Approved Electives**: 10
- **Area I Core**: 3
- **Area II Core**: 3
- **Area III Core**: 4
- **General Electives**: 31

**Page 96 - PE Courses (Complete Listing)**

### Change PE Physical Education Course Offerings as Follows:

#### PE Physical Education

**Lower Division**

**PE 100 Health Education (3-0-3).** Covers nutrition, diseases, health needs, services, drugs, family living and personality structure and development. Aids student adjustment toward effective functioning in a changing environment. Required of all PE majors.
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

PE 101 FOUNDATIONS OF PHYSICAL EDUCATION (3-0-3)(F). Instruction in physical education program offerings and requirements at BSU. Emphasis on an understanding of what is involved in the profession including: interaction of humanities, exercise physiology, kinesiology, psycho-social aspects and human growth and motor development as related to physical education. Required of all PE majors.

PE 103 INTRODUCTION TO RECREATION (2-0-2)(S). Instruction in the growth and development of recreation education and its role in present-day society. Offered odd numbered years.

PE 113 RHYTHMIC SKILLS (0-2-1) Professional activity. Instruction and practice in rhythmic skills, (locomotor, non-locomotor, and manipulative), emphasizing fundamental and practical application.

PE 115 TUMBLING SKILLS (0-2-1). Professional activities. Instruction and practice in tumbling skills, emphasizing fundamentals, skill progressions and practical application. Required of all PE majors.

PE 117 SPORTS SKILLS (0-2-1). Professional activities. Instruction and practice in sports skills, emphasizing fundamentals, skill progressions and practical application. Required of all PE majors.

PE 120 TRAINING ROOM PROCEDURES (0-2-1)(F/S). Instruction in actual clinical aspects of campus athletic training programs, emphasizing observation and practical application.

PE 121 STANDARD FIRST AID & CPR (1-2-1)(F/S). Instruction in and application of basic skills and the multi-media approach to first aid and CPR training.

PE 122 ADVANCED FIRST AID (3-0-3)(F/S). Instruction in wounds, shock, poisoning, heat and cold injuries, skeletal injuries, water rescue, CPR extrication, emergency child-birth and training required for policemen, firemen, and ski patrol. Required of all PE majors.

PE 123 FIRST AID INSTRUCTOR TRAINER COURSE (1-2-1)(S). Instruction in methods of teaching CPR and Standard First Aid. Offered spring on odd numbered years.

PE 143 VOLLEYBALL (0-2-1). Professional activities. Instruction and practice in volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 144 BASKETBALL (0-2-1)(F/S). Professional activity. Instruction and practice in basketball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 203 RECREATIONAL ACTIVITIES (2-0-2)(F). Materials, methods and teaching progression in recreational activities for special groups and special situations. Offered in the fall on odd numbered years.

PE 205 HUMAN GROWTH AND MOTOR DEVELOPMENT (2-0-2)(F/S). Instruction for an understanding of the existing body of knowledge regarding human growth and motor development. Required of all PE majors.

PE 212 TRACK AND FIELD (0-2-1). Professional activities. Instruction and participation in track and field events for development of basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

PE 217 WRESTLING (0-2-1). Professional activities. Instruction and participation in wrestling for development of basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

PE 218 RHYTHMIC GYMNASTICS (0-2-1)(F). Professional activity. Instruction and participation in rhythmic gymnastics for development of basic skills and techniques, emphasizing fundamentals, skill progressions, conditioning and practical application. Offered in fall on odd numbered years.


PE 233 INTRODUCTION TO ATHLETIC INJURIES (2-0-2)(F/S). Instruction in athletic training care, prevention and rehabilitation. The role of the athletic trainer, qualification and responsibilities as they relate to physical education and athletics; control and care of injuries. PREREQ: PE 230.

PE 254 SPORT OFFICIATING (2-0-2)(S). Instruction in officiating sports for development of skills and application of methods to sports.

PE 258 ADVANCED LIFESAVING (2-0-1)(F). Instruction and participation in lifesaving skills. ARC course, including personal safety, self rescue and rescue training skills. Student must be able to swim 500 yards.

PE 283 WATER SAFETY INSTRUCTOR'S COURSE (1-2-2). (S). Review of courses the student is eligible to teach. Teaching methods and practice teaching. Leads to ARC WSI certificate. Must have ARC advanced lifesaving certificate and ARC swimming level of skill.

PE 293 INTERNSHIP (1-3 credits)(F/S). Practicum field experience in physical education related areas. Practical experience utili-
lizing theory and practice of the assigned activity in a school setting. Required in some options.

PE 303 INTRAMURAL ORGANIZATION (2-0-2)(F). Instruction in organization and administration of intramural activities. Offered in the fall on odd numbered years. PREREQ: Junior standing.

PE 304 SECONDARY SCHOOL PE METHODS (2-2-3)(S). Instruction and participation in methods of teaching secondary school PE, including practical application of teaching models and theories, instructional analysis and performance objectives, lesson plans and curriculum writing. Laboratory observation and participation in public schools. PREREQ: Junior standing.

PE 309 EVALUATION IN PHYSICAL EDUCATION (3-0-3)(F/S). Instruction in basic mathematical concepts related to statistical analysis, philosophy of evaluation and test construction, administration and interpretation. Required of all PE majors. PREREQ: Junior standing.

PE 310 EXERCISE PHYSIOLOGY (2-2-3)(F/S). Instruction in the physiological and biochemical changes accompanying exercise and training with emphasis on application of scientific principles to training program design. PREREQ: Junior standing.


PE 313 CONDITIONING PROCEDURES FOR SPORTS (1-2-2)(F/S). Instruction in conditioning procedures with emphasis on program planning, objectives, exercise analysis and prescription. PREREQ: PE 310.

PE 319 COACHING FOOTBALL (2-2-3)(F). Instruction in methods of coaching football, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing.

PE 320 COACHING WRESTLING (2-2-3)(S). Instruction in methods of coaching wrestling, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing. Offered in the spring on odd numbered years.

PE 323 COACHING BASKETBALL (2-2-3)(F). Instruction in methods of coaching basketball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 324 COACHING BASEBALL (2-2-3)(S). Instruction in methods of coaching baseball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 325 COACHING VOLLEYBALL (2-2-3)(F). Instruction in methods of coaching volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 326 COACHING TENNIS (2-2-3)(S). Instruction in methods of coaching tennis, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing. Offered in spring on even numbered years.

PE 327 COACHING TRACK AND FIELD (2-2-3)(S). Instruction in methods of coaching track and field emphasizing fundamentals, meet organization and administration and practical application. PREREQ: Junior standing.

PE 336 COACHING WOMEN'S GYMNASTICS (2-2-3)(F). Instruction in methods of coaching women's gymnastics emphasizing fundamentals, skill progressions, safety, conditioning and practical application. PREREQ: Junior standing, PE 115. Offered in fall on even numbered years.

PE 341 SECONDARY SCHOOL DANCE METHODS (2-0-2)(F). Instruction in methods of teaching social, folk, square, rounds, mixers, and aerobic dance. Offered in the fall on even numbered years.

PE 357 DANCE FOR CHILDREN (2-0-2)(S). Instruction in the analysis of fundamentals, development of skills and application of methods in teaching dance to children. Offered in spring on odd numbered years.

PE 361 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS (3-0-3)(F/S). Instruction in methods of teaching elementary school physical education emphasizing movement needs, analysis and development of skills and practical application. PREREQ: Junior standing.

PE 369 MOTOR PROGRAMMING FOR SPECIAL POPULATIONS (2-0-2)(F). Instruction in motor growth and development, identification, assessment, prescription and methods of implementing fitness programs for special populations. PREREQ: Junior standing, PE 361.

PE 401G PSYCHOLOGY OF ACTIVITY (3-0-3)(F/S). Instruction in concepts of learning, value formation, motivation, stress, personality, measurement and evaluation and application to skill learning. PREREQ: Junior standing, PE 310.

PE 402G ADVANCED ATHLETIC TRAINING (3-3-3)(S). Instruction in advanced theory and application of techniques of athletic training for student pursuing a career as professional athletic trainer. PREREQ: PE 236, 311. Offered in spring on odd numbered years.

PE 403 TRAINING ROOM MODALITIES (2-0-2)(F). Instruction in theory and application of various therapeutic modalities for care and treatment of athletic injuries, emphasizing cryotherapy, thermal
therapy; and electrical modalities. PREREQ: Junior standing; PE 236, 311. Offered in the fall on even numbered years.

PE 405 CONSUMER HEALTH (2-0-2)(S). Instruction in factors involved in the selection and evaluation of health services and products, emphasizing quackery awareness, consumer protection laws and organizations and health insurance considerations. PREREQ: Junior standing. Offered in the spring on even numbered years.

PE 415 SCHOOL HEALTH PROBLEMS AND METHODS (3-0-3)(F). Instruction in current issues and trends in health programming and education, emphasizing topic sequence, individual and social health problems and methods of teaching health in the elementary and secondary schools. PREREQ: Junior standing.

PE 422 INJURY EVALUATION (2-0-2)(F). Instruction in theory and application of basic passive and functional examination of traumatic conditions resulting from sports participation, emphasizing specific examination techniques. Offered in the fall on odd numbered years.

The Fitness Activity Program provides for beginning, intermediate and advanced levels of instruction in a variety of activities to meet the needs and interests of the student. The courses meet two hours per week for one semester. One credit will be granted for successful completion of the course. Eight credits of fitness activity courses may be counted as electives toward graduation. No course may be repeated for credit. No fitness activity course may be challenged for credit. All fitness activity courses are graded pass/fail whereby credit earned will count toward graduation but will earn no quality points to be used in calculation of the grade point average. Fitness Activity course numbers provide the following information:

1. The first digit indicates skill level (I, II, III):

   - LEVEL I is for the student who has had little or no instruction in the activity.
   - LEVEL II is for the individual who has command of basic skills and is of intermediate performance level.
   - LEVEL III is for the individual who has command of intermediate skills and is ready for emphasis on advanced game strategies and skills.

2. The second digit indicates the activity classification (1--aquatics, 2--dance, 3--individual sports, 4--martial arts, 5--outdoor pursuits, 6--personal fitness, 7--racquet and court sports, 8--team sports, 9--participation sports).

3. The third digit indicates the specific activity (example: 1--kayaking, 2--skin and scuba diving, etc.)

   Lower Division

FA 111 KAYAKING AND RAFTING I (0-2-1). Basic skills of kayaking and rafting. Covers safe handling, self-rescue skills, and helping or rescuing others. Students must be able to maintain themselves in deep water, fully clothed, for ten minutes. Special fee required. (Pass/Fail)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA 112</td>
<td>SKIN AND SCUBA DIVING I (0-2-1)</td>
<td>Basic skin and scuba diving skills. Proper use of mask, fins, and snorkel, mechanical use of equipment, safety techniques, and panic control are stressed. Students must swim 400 yards, tread water for 15 minutes and carry a ten pound weight 25 yards. Certification is optional. Special fee required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 113</td>
<td>SWIMMING I (0-2-1)</td>
<td>Basic water safety, skill and knowledge; floating, bobbing, diving, rhythmic breathing, treading water, and introduction to the crawl, side and elementary backstroke. For students who do not know how to swim. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 121</td>
<td>BALLET I (0-2-1) (Coed)</td>
<td>A structured class in the basics of classical dance (Barre) work and technique with historical background stressed. Designed as a tool to help students gain strength and agility. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 122</td>
<td>FOLK DANCE I (0-2-1)</td>
<td>Instruction and participation in techniques and application of basic steps and patterns used in folk dances from different countries. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 123</td>
<td>MODERN DANCE I (0-2-1)</td>
<td>Opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Improvement of flexibility, balance, coordination, and relaxation by using modern dance techniques and movement exploration. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 124</td>
<td>SOCIAL DANCE I (0-2-1)</td>
<td>Instruction and participation in dance fundamentals including: waltz, polka, jitterbug, foxtrot, western swing, cha cha, samba, tango, folk, square, round dances, and mixers. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 131</td>
<td>ARCHERY I (0-2-1)</td>
<td>Provides the beginning archery students with instruction and participation in fundamental techniques of archery: target, field, clout, bow hunting, novelty, etc. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 132</td>
<td>BOWLING (0-2-1)</td>
<td>Instruction and participation in bowling for development of fundamental skills, rules, handicaps, and scorekeeping. Special fee required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 133</td>
<td>FENCING I (0-2-1)</td>
<td>Instruction and participation in fencing for development of basic skills and techniques. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 134</td>
<td>GOLF I (0-2-1)</td>
<td>Instruction and participation in golf for development of fundamental skills, rules, and proper etiquette of the game. Special fee required (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 135</td>
<td>GYMNASTICS I (0-2-1) (Coed)</td>
<td>Instruction and participation in gymnastics for development of fundamental skills and spotting and safety techniques. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 141</td>
<td>DEFENSIVE TACTICS I (0-2-1)</td>
<td>Defense against one or more persons, arrest, control devices, and individual and group tactics. For criminology majors only. Gi required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 142</td>
<td>JUDO I (0-2-1)</td>
<td>Principles and philosophy of judo and techniques of falling, throwing, and grappling. Gi required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 143</td>
<td>KARATE I (0-2-1)</td>
<td>Presentation of techniques based on the theory of energy conservation. Exercises coordinating the mental and physical powers possessed by every human being. Gi required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 144</td>
<td>SELF-DEFENSE I (0-2-1)</td>
<td>Defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Improvement of coordination and condition of the participant. Gi required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 151</td>
<td>ALPINE SKIING I (0-2-1) (S)</td>
<td>Basic skills and techniques of alpine skiing. Students furnish equipment and transportation. Special fee required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 152</td>
<td>BACKPACKING, CAMPING, AND SURVIVAL SKILLS I (0-2-1)</td>
<td>Fundamental skills in backpacking, overnight camping, and basic survival. Includes choice and care of equipment, camping sites, outdoor cooking skills, and ecology. Students furnish equipment and transportation. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 153</td>
<td>CROSS COUNTRY SKIING I (0-2-1) (S)</td>
<td>Basic skills and techniques of cross country skiing. Students furnish equipment and transportation. Special fee required. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 154</td>
<td>FLYCASTING AND STREAM STRATEGY I (-0-2-1)</td>
<td>Techniques of flycasting, including single and double haul methods. Presentation of insect, minnow, and terrestrial imitations. Techniques of catching and releasing of warm water, cold water, and anadromous fishes. Students furnish equipment and transportation. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 155</td>
<td>FLYTYING I (0-2-1)</td>
<td>A practical orientation and application of flytying skills for the beginning or experienced flytier. The course will focus on tying dry and wet flies, nymphs, bucktails, and streamers. Special fee required (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 156</td>
<td>TARGET AND TRAP SHOOTING I (0-2-1)</td>
<td>Fundamental skills of air rifle and shotgun shooting. Sighting procedures, gun parts, care of equipment, and safety are stressed. Shotgun trap loading is also taught. Students will furnish shotgun, shells, and trap range fees. (Pass/Fail)</td>
<td></td>
</tr>
<tr>
<td>FA 161</td>
<td>AEROBIC DANCE I (0-2-1)</td>
<td>Instruction and participation in aerobic dance for the development of cardiovascular and neuromuscular fitness. (Pass/Fail)</td>
<td></td>
</tr>
</tbody>
</table>
FA 162 ADAPTED PHYSICAL EDUCATION I (0-2-1). Adaptive and corrective exercise programs to aid men and women who are unable to participate in a regular activity class. Course is individualized to meet the special needs of the individual. The course may be repeated for credit. (Pass/Fail)

FA 163 JOGGING I (0-2-1). Instruction and participation in beginning endurance running. The student will be pretested and placed in a level suitable to his/her capabilities as to age and condition. Designed to develop and maintain the cardio-respiratory system. (Pass/Fail)

FA 164 PERSONAL FITNESS AND WEIGHT CONTROL I (0-2-1). Introduction to the essential components of total fitness with prescribed fitness programs for individual needs. (Pass/Fail)

FA 165 WEIGHT TRAINING I (0-2-1). Instruction and participation in progressive body-building and conditioning exercises with resistance for development of beginning skills and fitness. (Pass/Fail)

FA 166 YOGA AND STRESS MANAGEMENT I (0-2-1). Introduction to yoga theory, practice, and tradition; introduction to stress/distress theories; in-depth practice of Hatha Yoga postures: in-depth breath control (abdominal breath.) (Pass/Fail)

FA 171 BADMINTON I (0-2-1). Instruction and participation in badminton to encourage skill development, understanding, and appreciation of the game. (Pass/Fail)

FA 172 RACQUETBALL I (0-2-1). Instruction and participation will emphasize basic techniques and skills of racquetball with emphasis on playing procedures. (Pass/Fail)

FA 173 TENNIS I (0-2-1). Instruction and participation for development of fundamental skills, rules, and basic strategy. (Pass/Fail)

FA 181 BASKETBALL I (0-2-1). Instruction and participation in basketball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 182 SOFTBALL I (0-2-1). Instruction and participation in softball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 186 VOLLEYBALL I (0-2-1). Instruction and participation in volleyball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 190 CLUB SPORTS I (0-2-1). Instruction and participation in club sports approved by the BSU Student Senate. Club advisor's approval required. (Pass/Fail)

FA 191 VARSITY SPORTS I (0-2-1). Instruction and participation in BSU Department of Athletic's approved sports. Coach's approval required. (Pass/Fail)

FA 213 SWIMMING II (0-2-1). Instruction and participation in swimming for development of intermediate skills and techniques. Instruction in self-rescue skills, games, diving, and contests. Students must be able to swim 50 yards. (Pass/Fail)

FA 222 FOLK DANCE II (0-2-1). Instruction and participation in folk dance for development of advanced skills. (Pass/Fail)

FA 223 MODERN DANCE II (0-2-1). Instruction and participation in intermediate modern dance for development of flexibility, balance, coordination and movement, control leading to dance choreography and production work. PREREQ: FA 123 (Pass/Fail)

FA 224 SOCIAL DANCE II (0-2-1). Instruction and participation in social dance for development in the waltz, cha cha, fox trot, rhumba, tango, lindy, western swing, folk, square, and various novelty dances. (Pass/Fail)

FA 233 BOWLING II (0-2-1). Instruction and participation in bowling for development of intermediate skills and techniques. Special fee required. PREREQ: FA 133 (Pass/Fail)

FA 235 GOLF II (0-2-1). Instruction and participation in golf for development of intermediate skills and techniques. Special fee required. PREREQ: FA 135. (Pass/Fail)

FA 236 GYMNASTICS II (0-2-1) (Coed). Instruction and participation in, gymnastics for development of intermediate skills and techniques, performing combinations, compulsory and optional routines. PREREQ: FA 136. (Pass/Fail)

FA 242 JUDO II (0-2-1). Instruction and participation in judo for those seeking advanced degrees. Gi required. PREREQ: FA 142 (Pass/Fail)

FA 243 KARATE II (0-2-1). Instruction and participation in karate for development of advanced skills and techniques. Gi required. PREREQ: FA 143. (Pass/Fail)

FA 244 SELF-DEFENCE II (0-2-1). Instruction and participation in advanced defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Gi required. PREREQ: FA 144. (Pass/Fail)

FA 265 WEIGHT TRAINING II (0-2-1). Instruction and participation in progressive body-building and conditioning exercise with resistance for development of intermediate skills. PREREQ: FA 165. (Pass/Fail)
PAGE 99 - PSYCHOLOGY COURSE CHANGES

FOR CERTIFICATION BY STATE DEPARTMENT OF EDUCATION

<table>
<thead>
<tr>
<th>Psychology Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>P 101 General Psychology</td>
</tr>
<tr>
<td>P 301 Abnormal Psychology</td>
</tr>
<tr>
<td>P 305 Statistical Methods</td>
</tr>
<tr>
<td>P 351 Personality</td>
</tr>
<tr>
<td>Psychology upper-division electives</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

| Social Science Secondary Education Option Major        |
| P 101 General Psychology                              |
| P 301 Abnormal Psychology                             |
| P351 Personality                                      |
| Psychology upper-division electives                   |
| total                                                 |

NOTE: Psychology is classified as a social science by the University, but not by the State Department of Education. You can apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog see the sections on Economics, History, Political Science, Anthropology, and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as "social studies," but you will not be certified to teach psychology unless you also meet the requirements of the Psychology Minor.

PAGE 107 - GRADUATE PROGRAMS IN EDUCATION & LS COURSES

GRADUATE PROGRAMS IN EDUCATION

A Master of Arts/Science in Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 11 areas of emphasis: (1) Curriculum and instruction, (2) Early Childhood, (3) Reading, (4) Special Education, (5) Art, (6) Business Education, (7) Earth Science, (8)
English, (9) History, (10) Mathematics, and (11) Music. The specifics of the programs are presented in the Graduate school Section of This catalog.

LIBRARY SCIENCE COURSES

Delete LS 101 INTRODUCTION TO USE OF BOOKS AND LIBRARIES.

Change title of LS 102 to read: LIBRARY SKILLS I (0-2-1).

Add new courses:

LS 103 LIBRARY SKILLS II (0-2-1). Build on LS 102 Library Skills I and introduces additional and more sophisticated library materials and techniques. PREREQ: Prior or concurrent enrollment in LS 102.

LS 201 INTRODUCTION TO THE USE OF LIBRARIES AND THE TEACHING OF LIBRARY SKILLS (2-2-3) (F,Su). Teaches efficient use of library materials, catalogs, indexes, and reference sources in various subject fields and prepares teachers and librarians to teach library skills to elementary and secondary school students.

Change Course Descriptions as follows:

LS 301 LIBRARY ORGANIZATION AND ADMINISTRATION (3-0-3)(F,Su)(Every third fall: 1984, 1987...; every third summer: 1983, 1986...). An introduction to the development, organization and management of all types of libraries with emphasis upon the school library and its place in the instructional program. PREREQ: LS 201 or PERM/INST.


LS 321 BASIC BOOK SELECTION (3-0-3)(S,Su). Spring of odd numbered years, every third summer: 1984, 1987...). 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 slow and gifted readers. PREREQ: LS 201 or PERM/INST.


--------------------------------------------------------------------------------
Add the following under ADMISSION AND APPLICATION PROCESS:

5. Submit a $5.00 Lab Fee, per academic year, payable to the program by September 1st of second year of the program.

6. After being notified of acceptance to the program and before May 10, submit $14.00 nonrefundable prepayment for student name pin and clinical insurance.

MEDICAL RECORD SCIENCE

Sophomore year

Change Elective (Area III) 3 Cr from 1st to 2nd semester.

Add: Introduction to Health Law and Ethics H 213, 2 Cr 1st Semester.

Delete: Basic Legal Concepts for Health Practitioners H 210, 3 Cr 2nd Semester.

Credit Totals 16 1st Semester, 15-16 2nd Semester.

Change Course Description of MR 215 to read:

MR 215 CLINICAL PRACTICE (0-V-2). Following completion of all other program requirements students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology.

RESPIRATORY THERAPY PROGRAM

Delete 2nd and 3rd paragraphs at beginning of section, beginning with "The Respiratory Therapy Program at BSU consists. . . ."

Add in lieu thereof:

The Respiratory Therapy curriculum consists of a preprofessional year followed by two years of professional study leading to an Associate of Science degree in Respiratory Therapy. The Associate of Science degree qualifies the student for the examination of the National Board of Respiratory Care. If desired, the student may continue on to the Baccalaureate degree.

The Respiratory Therapy Program has been granted accreditation by the Committee on Allied Health Education and Accreditation of the American Medical Association.

Under C., delete paragraph 2., starting, "Submit $14.00...."
Under "APPLICATION PROCESS," change 2, 3, and add 4 and 5:

2. Applicants are required to have an interview during the spring semester of the preprofessional year. Contact the program director for specific dates.

3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

4. After being notified of acceptance to the program, submit $14.00 as prepayment for student name pin and clinical insurance. This nonrefundable cost is payable by May 10.

5. A $7.00 Lab fee, per academic year, is payable to the program by September 1 of each professional year.

FIRST PROFESSIONAL (SOPHOMORE) YEAR: Replace Introduction to Biophysics with Foundations of Physical Science PS 100.

Add, immediately preceding COURSE OFFERINGS:

BACALOAUREATE DEGREE CURRICULUM

Prerequisite for admission: Each student must have met and satisfactorily completed all requirements for the associate degree in Respiratory Therapy and/or related discipline from a comparable college/university program, and have permission of the program director.

SENIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Sem</th>
<th>2nd Sem</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Administration MG 305</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Resource Management MG 401</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Information Science IS 210 or Introduction to Financial Accounting AC 205</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Electives (Area I, II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Compensation Management MG 406</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Respiratory Therapy Colloquium RT 401</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Electives (Area I)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

Add, at end of COURSE OFFERINGS:

RT 401 RESPIRATORY THERAPY COLLOQUIUM (3-0-3)(S): Investigation of current topics in health care and Respiratory Therapy management. Field work may be combined with seminars to explore topics such as federal and state legislation, current trends in hospital accreditation and audit procedures, ethics of health care, and the role of the Respiratory Therapist as manager. PERM/INST.

COLLEGE OF HEALTH SCIENCE, PART 7
PART-TIME NURSING STUDENT


| English Composition E 101-102 | 3 7 |
| Introduction to Sociology SO 101 | 3 3 |
| Elective | 9 9 |
| **Totals** | **12 12** |


| **Totals** | 9 10 |

NOTE: Change to read:

Under Admission, Application and Enrollment, 2. change Microbiology B 205 from 4 Cr to 3-4; change Nutrition H 207 from 3 Cr. to 2-3.

NOTE: Transfer students with 3 to 4 credits of Microbiology and 2 to 3 credits of Nutrition may be accepted.

Under "To apply for admission, the applicant must:" change to read:

1. Request from the Admissions Office an application to the University (if not previously admitted) and request from the Department of Nursing a special application form for the Baccalaureate Nursing Program.

2a. Return completed BSU application to the Admissions Office and the special BSN application to the Department of Nursing.

Under "To qualify for enrollment, the candidate must:" add:

5. Submit a $20.00 non-refundable laboratory fee payable to Boise State University to cover expendable items used for on-campus lab for the junior year.

PAGE 123 — NURSING

Under Part-Time Student (suggested program): Change Sociology of the Family SO 340 to Core or General Elective.

After Fourth Year listing, before Core Offerings add: Students who want to take more than a part-time schedule but less than a full-time program the first semester of the junior year are advised to take N 308-309, Professional Interactions, in addition to the suggested program above. In such cases, N 360 will be omitted as a co-requisite.

After Course Offerings N NURSING, add: ALL 100 and 200 level nursing courses have been changed. New curriculum approved by the State Board of Education in Fall Semester 1982 for implementation Fall Semester 1983.

COURSE OFFERINGS

N 100 FUNDAMENTALS OF NURSING I (3-9-6)(F). First of four sequential courses. Focus is Man: his well-being, environmental interaction, and ability to cope with stress. Clinical learning experiences are designed to increase knowledge of self/others; environmental factors which affect health; and measures used to assist people of all ages cope with change and progress toward high-level wellness. PREREQ: Admission to the AD Nursing Program.

N 102 FUNDAMENTALS OF NURSING II (3-12-7)(S). Builds upon concepts presented in N 100. Focus: methods of assisting patients/families adapt to stressors of illness and/or surgery. Exploration of concepts which apply to individuals at various points on health/illness continuum. Clinical learning experiences assist student in planning and implementing measures to help patients progress toward wellness. PREREQ: N 100.

N 114 ORIENTATION TO ASSOCIATE DEGREE NURSING FOR ADVANCE PLACEMENT STUDENT (3-0-3)(F). Designed to assist the student in transition from one role in nursing to another. Content focuses upon basic nursing concepts, the role of the associate degree nurse, and challenge procedures for advanced placement. Open to currently licensed practical nurses only.

N 200 NURSING INTERVENTIONS I (4-15-9)(F). Provides for continued development of concepts presented in first year courses. Focus is two-fold: assisting patients and families to adapt to changes in life-style or problems resulting from disordered com-
Communication. Clinical learning experiences assist student in providing interventions for families and individuals with increasingly complex health problems. PREREQ: N 102.

N 202 NURSING INTERVENTIONS II (4-18-10)(S). Continues development of concepts acquired in previous courses and completes student's socialization to associate degree nursing. Focus on application of concepts to assist patient/families in adapting to complex or life-threatening situations. Clinical learning experiences require student to become more self-directed and flexible in application of concepts to patient care. PREREQ: N 200.

Delete as a prerequisite SO 340 from N 328 FAMILY AND GROUP INTERACTIONS, and from N 362 HEALTH-ILLNESS II.

Change semesters offered for N 408 and N 409 from (F) to (S).

PAGE 125 - PRE-VETERINARY

Change second paragraph, second line to read "average of at least 3.20..." (from 3.00).

Change fourth paragraph last sentence to read, "The 300 hours must be completed by November 1 of the year of application to WSU."

The asterisk remark following the Pre-Veterinary Medicine Suggested Program should be changed to read:

*To be taken as correspondence course through Washington State University.

PAGE 126 - PRE-PHARMACY

Change name of advisor to: Rex Profit

Replace introductory paragraph with the following:

Education in pharmacy is generally comprised of two years of pre-professional studies and three years of professional studies at an accredited school of pharmacy. Students interested in this career may take the first two years of studies at BSU, and apply for admission to a professional school for completion of the professional program. Students are advised to consult the Pre-Pharmacy advisor and pattern their curriculum at BSU after that of the specific school which they wish to attend for completion of their program.
PRE-PHYSICAL THERAPY

Change phone number from 208/385-3281 to (208) 385-1996.
GRADUATE COLLEGE, PART 8

PAGE 127 - PROGRAMS, AREAS OF EMPHASIS

GRADUATE SCHOOL

Change PROGRAMS AND AREAS OF EMPHASIS to:

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Science in Accounting, Master of Arts/Science in Education, Master of Public Administration:

AREAS OF EMPHASIS


The Master of Public Administration Degree Program has three areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

PAGE 133 - MBA CORE

Change MBA REQUIRED CORE COURSE OFFERINGS as follows:

GB 512 - to *DS 512 BUSINESS AND ITS ENVIRONMENT - PREREQ: DS 207, MG 301, IS 210 or equivalent courses.

GB 514 - to *DS 514 OPERATIONS RESEARCH METHODS FOR DECISION MAKING - PREREQ: Graduate standing, DS 207, IS 210 and MG 301 or equivalent course.

*Student selects either DS 512 or DS 514.

FI 530 - removePrerequisites.

PAGE 134 - COURSE CHANGES

Change: DP 542 to IS 542 COMPUTER APPLICATIONS FOR MANAGEMENT

DP 581 to IS 581 SELECTED TOPICS - INFORMATION SYSTEMS.

FI 450G, change PREREQ: FI 303, DS 208 and FI 250.

MG 408G to DS 408G OPERATIONS MANAGEMENT - PREREQ: DS 208, 366, MG 301.

MG 409G to DS 409G DECISIONS ANALYSIS - PREREQ: DS 208, MG 301.

PAGES 134-137 - MASTER OF ARTS/SCI IN EDUCATION

Replace section starting with "MASTER OF ARTS - ELEMENTARY EDUCATION with the following:

MASTER OF ARTS OR SCIENCE IN EDUCATION

A Master's degree in Education with emphases in the subject areas of Art, Business Education, Earth Science, English, History, Math, Music, Curriculum & Instruction, Reading, Special Education and Early Childhood is presented through the Department of Teacher Education, the related subject department and the School of Education.

Application for admission to the graduate program in Education may be made at any time. It is recommended, however, that at least two months before the first enrollment, the Graduate Admissions Office will have received the application for admission, $10.00 matriculation fee and transcripts of all undergraduate and graduate work. The transcripts are to be sent directly to the Boise State University Graduate Admissions office by the Registrar of the college or university which the applicant previously attended.

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 instruction. 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 GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA of 2.75. Provisional status may be
The Education Graduate Program provides two options for those selecting one of the following emphases: Curriculum and Instruction, Early Childhood, Reading or Special Education: Option I Thesis/Project and Option II Written Comprehensive Examination.

OPTION 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.

A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chairperson 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 University's course offerings that will enable the candidate to strengthen a competency identified in their program. The candidate, in cooperation with the advisor, will choose courses which will meet the individual's needs as a teacher.

Specific courses are listed within each area of emphasis.

Those students selecting one of the following areas of emphasis will follow the procedures set forth by respective departments: Art, Business Education (Dept. of Marketing and Administrative Services), Earth Science (Dept. of Geology/Geophysics), English, History, Mathematics and Music.

The common Core courses for the Graduate Program in Art, Business Education, Earth Science, English, History, Mathematics and Music emphases are as follows:

- TE 570 Graduate Core-Issues in Education 3 cr.
- TE 563 Conflicting Values in Education 1 cr.

Elective Courses (Select 2 from the following)
- TE 564 Choice 1 1 cr.
- TE 565 Choice 1 1 cr.
- TE 566 Choice 1 1 cr.
- TE 567 Choice 1 1 cr.
- TE 569 Choice 1 1 cr.

Total 6 cr.

Additional credits to the above will be determined by the respective departments.

OPTION REQUIREMENTS

Required of all candidates--Core program 9
Required of all candidates--Fundamentals of Educational Research for Teachers TE 551 3
Required of all candidates--Thesis-Project 6
Selected Electives and-or Specific Requirements 15

A Thesis/Project, as mutually agreed upon by the Option I candidate and the committee, is required of the 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 an educational program.

OPTION II

(Comprehensive Examination)

Required of all candidates--Core Program 9
Required of all candidates--One of the following: 1-3
Fundamentals of Educ Research for Teachers TE 551 3
Interpreting Educational Research TE 565 1
Selected Electives and-or Specific Requirements 23-21

(Thesis/Project not required)

Required of all candidates--A comprehensive written examination at the end of the coursework. This examination is to be tailored by each candidate's committee specifically for that candidate following guidelines established by the Department. After the candidate has written the examination, the committee will meet with the candidate to review and analyze the outcome of the examination and clarify the results prior to final approval or rejection.

Graduate Core for Curriculum and Instruction, Reading, Special Education and Early Childhood Education

Graduate Core - Issues in Education TE 570 3
Conflicting Values in Education TE 563 1
Elective courses (Select 2 from the following) 2
Creative Teaching-Secondary School TE 564 1
Interpreting Education Research TE 565 1
Learning Theory and Classroom Instr. TE 566 1
Techniques of Classroom Management TE 568 1
Testing and Grading TE 569 1
Creative Teaching in Elementary School TE 573 1

Total Credits 9
1. Graduate Core ............................................. 9
2. Curriculum Planning and Implementation TE 581 .......... 3
3. Analysis and Improvement of Instruction TE 582 .......... 3
4. Content area courses ........................................ 9
5. Elective options (choose 1 or 2 below) ..................... 9
   I. Thesis-Project Option
      Fundamentals of Edu Research for Teachers TE 551 ... 3
      Thesis-Project TE 591-593 .......................... 6
   II. Comprehensive Written Examination Option
      Either
      Fundamentals of Edu Research for Teachers TE 551 ... 3
      Or
      Interpreting Educational Research TE 565 (part of core) ........... 1-3
      Electives ................................................ 6-9
      TOTAL CREDITS 33

   EARLY CHILDHOOD EMPHASIS

   Required Courses:
   1. Graduate Core ............................................. 9
   2. Childhood Education-Research & Review TE 543 .......... 3
   Advancing, Physical and Intellectual Competencies in Early Childhood Education .......... 3
   Selected Electives (6):
      Creativity in Early Childhood Education TE 545 .......... 3
      Diagnosis & Evaluation in Early Childhood Educ TE 546 .......... 3
      Language Acquisition & Develop in Early Child Educ TE 547 ....... 3
   Program Development in Early Child Edu TE 548 .......... 3

   I. Thesis-Project Option
      Fundamentals of Edu Research for Teachers .......... 3
      Thesis-Project TE 591-593 .......................... 6
   II. Comprehensive Written Examination Option
      Either
      Fundamentals of Edu Research for TE 551 ........... 3
      Or
      Interpreting Educational Research TE 565 (part of core) ........... 1-3
   Open Electives .............................................. 3-11
   TOTAL CREDITS 33

   SPECIAL EDUCATION

   For those Primarily Responsible for Elementary School Instruction

   GRADUATE COLLEGE, PART 8

1. Special Education Emphasis for Mild-Moderate Handicapped

   Required Courses
   1. Graduate Core ............................................. 9
   2. Development of Skills for Teaching Pupils with Learning Difficulties ........... 3
   3. The Emotionally Disturbed Child in the Classroom TE 523 ....... 3
   4. Practicum in Special Education TE 590 ........... 4
   Counseling and Consulting in the Elementary and Special Classroom .................. 3
   Electives selected from courses listed below.
      Behavior Intervention Techniques TE 450G ........... 3
      Instructional Materials for the Exceptional Child TE 440 .......... 3
      Diagnosis of Reading Problems TE 502 .......... 3
      Remediation of Reading Problems TE 503 .......... 3
      Individual Tests & Measurements TE 505 .......... 3
      Physical Education in Special Education PE 594 .......... 2
   TOTAL CREDITS 33

   Elective Options. Choose 1 or 2 below:
   I. Thesis-Project Option
      Fundamentals of Edu Rsch for Teachers TE 551 ........... 3
      Thesis-Project TE 591-593 .......................... 6
      Electives ................................................ 6
   II. Comprehensive Written Exam Option
      Fundamentals of Edu Rsch for Teachers TE 551 ........... 3
      Or
      Interpreting Educational Research ........... 1
      Electives ................................................ 3
      TOTAL CREDITS 33

2. Special Education Emphasis for Severely Handicapped

   Required Courses
   Graduate Core ............................................. 9
   Behavior Intervention Techniques TE 450G ........... 3
   Development of Skills for Teaching Moderately or Severely Handicapped ........... 3
   Practicum in Special Education TE 590 ........... 4
   Counseling and Consulting in the Elementary and Special Classroom ........... 3
   Electives selected from courses listed below.
   Teaching the Severely Handicapped TE 423G ........... 3
   Instructional Materials for the Exceptional Child TE 440 .......... 3
   Child Behavior in Early Childhood Education TE 461 .......... 3

   TOTAL CREDITS 33

GRADUATE COLLEGE, PART 8
II. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 3
Thesis-Project TE 591-593 6
Electives 3

II. Comprehensive Written Exam Option
Fundamentals of Educ Research for Teachers TE 551 3
Or
Interpreting Educational Research TE 565 1
Electives 9
Total Credits 34

For Those Primarily Responsible for Secondary School Instruction

III. Secondary Education Special Education Emphasis

Required Courses

Graduate Core 9
1. The Emotionally Disturbed Child in the Classroom TE 523 3
2. Teaching Skills for Remediation of Learning Disabled Students TE 515 3
Development of Skills for Teaching Moderately or Severely Handicapped
Behavior Intervention Techniques TE 450G 3
Practicum in Special Education TE 590 4

Electives 22

Individual Tests & Measurements TE 505 3
Internship in Secondary Special Education TE 594 3
Directed Research in Secondary Special Education TE 596 3

Elective Options. Choose 1 or 2 below.

I. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 3
Thesis-Project TE 591-593 6
Electives 3

II. Comprehensive Written Exam Option
Fundamentals of Educ Research for Teachers TE 551 3
Or
Interpreting Educational Research TE 565 1
Electives 9
Total Credits 34

For those Primarily Responsible for Elementary School Instruction

1. Graduate Core 9
2. Survey of Reading Instruction TE 501 3
3. Diagnosis of Reading Problems TE 502 3
4. Remediation of Reading Problems TE 503 3
5. Seminar in Reading TE 504 3
6. Elective Options. (Choose 1 or 2 below)

I. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 3
Thesis-Project TE 591-593 6
Electives 3

II. Comprehensive Written Exam Option
Fundamentals of Educ Research for Teachers TE 551 3
Or
Interpreting Educational Research (taken as part of 9-credit core) 9 or 12
Total Credits 33

For those Primarily Responsible for Secondary School Instruction

1. Graduate Core 9
2. Diagnosis of Reading Problems TE 502 3
3. Remediation of Reading Problems TE 503 3
5. Seminar in Reading TE 504 3
5. Relating Reading Processes to Sec Sch Subj TE 507 3
6. Teaching Reading in the Secondary Schools TE 508 3
7. Elective options (choose 1 or 2 below) 9

I. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 3
Thesis-Project TE 591-593 6

II. Comprehensive Written Examination Option
PAGE 138 - TE 582 (NEW COURSE) - ART EMPHASIS

Delete TE 567 TEACHING SUBJECT CONTENT THROUGH READING.

Add following new course:

TE 582 ANALYSIS AND IMPROVEMENT OF INSTRUCTION (3-0-3)(S).
Techniques will be taught to help teachers assess their strengths and weaknesses and implement plans for self-improvement. Practice will be provided in using tools of analysis, which may include content analysis, Flanders' Interaction Analysis System, student performance, and nonverbal behavior. Students will be required to develop and implement plans for improving the quality of instruction in their classrooms.

NOTE: Courses remain as listed in catalog except for following changes on page 138.

PAGE 139 - BUSINESS EDUCATION EMPHASIS

Change MASTER OF ARTS-SECONDARY EDUCATION to:

MASTER OF ARTS IN EDUCATION
Art Education Emphasis

1. The Master's Degree in 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 this degree must ordinarily be currently certified as a school art specialist, agree to begin the process toward attaining this certification while working on the degree, or obtain a waiver through the Department of Education.

2. The following will be submitted to the Art Department Admissions Committee:
   a. The names and addresses of three art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.
   b. A minimum of twenty (20) slides or portfolio of recent art work.
   c. A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study.

3. Program areas of study are as follows:
   a. Required Courses:
      Art Appreciation in the Educational Program AR 501 3 credits
      Project AR 591 6 credits
      Or
      Thesis (or additional hours) AR 593 6 credits
      Education Core courses TE 570 6 credits

   b. Studio or Content: Six (6) credits in the studio. Studio concentration and emphasis will be determined by the student and his committee.

   c. 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.

NOTE: Courses remain as listed in catalog.

GRADUATE COLLEGE, PART 8
Before Advancement to Candidacy can be granted, the student must:

a. ordinarily show eligibility for certification by the State of Idaho (or any other state), and
b. have completed the following prerequisite courses or their equivalent:
   - Principles of Accounting ........................................... 6
   - Principles of Economics ........................................... 6
   - Business Law ......................................................... 3
   - Data Processing ...................................................... 3
   - Marketing ............................................................... 3

2. Program Requirements: A maximum of 14 credit hours may be taken from the School of Business courses (excluding the listed BE courses).

   a. Graduate Core Courses (see page 134 for Core requirements) ........................................... 6
   b. Business Courses .................................................. 12 credits chosen from
      1) Business Education:
         - BE 511 Graduate Study in Business Education (required) ........................................... 3
         - BE 520 Curric & Inst in Shorthand, Transcrip., Off Proc ........................................... 3
         - BE 530 Curric & Inst in Type, Book-Acc & Data Proc .................................................. 3
         - BE 540 Curric & Inst in Basic Bus & Economics ............................................................... 3
         - BE 571 Organization and Supervision of Business Education ........................................... 3
         - BE 596 Directed Research ........................................... variable credit
         - BE 599 Workshop in Business Education ................................................................. 1-3
         - DA 501 Office Systems and Procedures ................................................................. 3
         - BE 441G Princ & Org of Vocational Ed Programs ......................................................... 3
         - BE 443G Admin & Coord of Cooperative Programs ......................................................... 3
      2) Business Administration ...........................................
         Minimum of 6 credits chosen from MBA courses and/or "G" courses offered by Departments of Accounting, Economics, Information and Decision Sciences, Management, Marketing and Administrative Services, and Mathematics.
   c. Free Electives ......................................................... 9
   d. Option of:

   - Thesis--BE 593 ....................................................... 3-6
   - Project--BE 591 ....................................................... 3-6
   - Additional coursework .............................................. 3-6

3. Any approved 400-level "G" courses limited to 6 credits.

COURSE OFFERINGS

1. Required Courses:
   - TE 570 Graduate Core Courses ........................................... 6
   - Graduate Study in Business Education ........................................... 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 Chairperson.

2. Elective Courses:

Additional courses as selected by the student and his graduate committee to meet program requirements.

ADDITIONAL INFORMATION

1. Culminating Activity and Examination. Students electing a thesis as a culminating activity will take an oral examination covering the thesis. Students electing additional coursework will take a written and/or oral examination covering course work completed in their degree program.

2. While any Master of Business Administration course may be used in the requirement outline in 2.b.2), above, the following are considered courses most likely to be chosen:

   - GB 510 Business and its Environment
   - BE 512 Business Research and Communications
   - MK 520 Marketing Problems
   - AC 532 Accounting-planning and Control
   - AC 541 Human Resources Management
   - EC 560 Economics of Public Policy

For additional details contact Department Chairperson, Department of Marketing and Administrative Services, (208) 385-3451.

NOTE: Courses remain same as listed in the Catalog.
PAGE 140 - EARTH SCIENCE EMPHASIS

MASTER OF SCIENCE IN EDUCATION
Earth Science Emphasis

The curriculum for the Master of Science in 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 outdoor field trip activities are emphasized. Because of the great variety of background 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 570, TE 563, 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.

NOTE: Courses remain same as listed in the Catalog.

PAGE 140 - ENGLISH EMPHASIS

MASTER OF ARTS IN 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 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-595 .......................... 3-6
   Graduate English electives (except E 501) 12
   Graduate Core (TE 570) .................. 6
   General Graduate electives (may include E 501) 9
   Total 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
   Graduate Core (TE 570) .................. 6
   General graduate electives (may include E 501) 9
   Examination on English coursework ..
   Total 33

NOTE: Courses are as listed in the Catalog.

PAGE 141 - HISTORY EMPHASIS

MASTER OF ARTS IN EDUCATION
History Emphasis

ADMISSIONS

See specific information, page 134.

PROGRAM REQUIREMENTS

The Master of Arts in Education with a History emphasis will consist of a minimum of thirty-three hours planned by the student and his/her advisory committee from the following alternatives.

1. 33 hours with thesis
   Education Core ................................ 6
   History Electives .......................... 12
   Thesis (defended orally) ................. 6

2. 33 hours with thesis
   Education Core ................................ 6
   History Electives .......................... 15
   Thesis (defended orally) ................. 9

GRADUATE COLLEGE, PART 8
Written examination covering course work taken in the History Department toward the degree

2. 33 hour with project
   Education Core ............................................. 6
   History Emphasis ........................................... 15
   Free Electives .............................................. 9
   Project ...................................................... 3
   Written or oral examination covering aspects of project and course work taken in the History Department toward the degree

3. 36 hour
   Education Core ............................................. 6
   History Emphasis ........................................... 18
   Written examination covering course work taken in the History Department toward the degree

COURSE OFFERINGS

1. Required courses
   HY 500 Historians and Historical Interpretation ....... 3
   HY 502 Teaching History in the Secondary Schools .... 3
   HY 510-11 History of Western Thought
   or
   HY 520 Sources of American Values ..................... 3
   HY 580, 581, 582 Seminar ................................... 3
   TE 570 Graduate Core ...................................... 6

2. Elective courses
   Additional courses from History or allied fields as planned by the student and his/her graduate committee to meet program requirements.

3. Additional information
   a. 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.
   b. Students electing a double emphasis will draw up their program in consultation with their committee.
   c. A maximum of six hours in 400G History courses may be substituted for seminar work in the History offerings.

NOTE: Courses are as listed in the catalog.
NOTE: Courses are as listed in the catalog.

PAGE 142 - MUSIC EMPHASIS

MASTER OF ARTS IN EDUCATION
Music Emphasis

1. The Master's Degree in 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.

2. 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

1. Required Courses
   MU 503 Introduction to Research Materials in Music Education .................. 3
   MU 570 New Development in Music Education ........................................ 3
   Culminating activity* or additional course work .................................... 3-6
   TE 570 Graduate Core courses .................................................................. 6
   Total hours .............................................................................................. 30-33

2. Elective Courses - Additional courses as planned by the student and his graduate committee.

   *A thesis or final project.

NOTE: There are additional graduate level courses available that may be offered on special request by the departments of Biology and Chemistry. See the catalog for descriptions: B 431G, B 432G, B 433G, C 401G, C 411G C 501, C 503, C 509, C 511, C 515.
PAGE 146 - DA, ST, PN CHANGES

DA DENTAL ASSISTING

Change DA 104 Dental Radiology from (0-4-2) to (0-8-4).

Change Surgical Technology to read:

SURGICAL TECHNOLOGY
9-Month Program

ST 100 Introduction & Basic Sciences 3 3
ST 101 Operating Room Techniques 4 4
ST 102 Sterilization & Disinfection 1 1
ST 110 Care of Surgical Patient 4 4
ST 111 Surgical Procedures 3 3
ST 131 Clinical Practice 3 3
ST 132 Advanced Clinical Practice 6 6
PE 297 First Aid (Multimedia) 1 1
Z 111 Anatomy and Physiology 4 4
Z 112 Anatomy and Physiology 19 19

The above credit hours are assigned to represent 15 contact hours of class for each credit and 60 contact hours for each laboratory or clinical credit hour.

The Surgical Technology Program is a competency based curriculum containing modules developed for individual student progress. Each of the classes (see above) contains modules complete with reading assignments, laboratory practice assignments and a written test to let the student know when mastery of the module has been accomplished. All modules must be successfully completed to qualify for a Certificate of Completion.

The student is required to be concurrently enrolled in Human Anatomy and Physiology Z 111, Z 112, and First Aid Core Block I, or have recently completed these classes successfully (C or better.)

Enrollment is limited due to clinical facilities available and applicants must participate in a selection process prior to enrollment.

Classes begin Fall Semester only.

ST SURGICAL TECHNOLOGY

ST 100 INTRODUCTION AND BASIC SCIENCES (3-0-3)(F). Includes modules: (1) The Health Care Team and its Language; (2) The Evolution of Asepsis; (3) Ethical Moral and Legal responsibilities; (4) The Operating Room Suite, (5) Principles of Asepsis; (6) Introduction to Pharmacology; (7) Introduction to Oncology; (8) Introduction to Treatment of Fractures; (9) Diagnostic Procedures.

ST 101 OPERATING ROOM TECHNIQUES (3-3-4)(F). Includes modules: (1) Safety and Economy in the Operating Room; (2) Duties of the Scrub and Circulating Technician; (3) The Surgical Hand Scrub, Gowning and Gloving; (4) Draping Techniques; (5) Sutures and Needles; (6) Sponges, Dressings, Drains, Care of Specimens; (7) Instruments and Special Equipment.

ST 102 STERILIZATION AND DISINFECTION (1-1-1)(F). Includes modules: (1) Introduction to Microbiology - The Microbe; (2) Introduction to Microbiology - The Body's Defenses; (3) Injury, Wound Healing and Hemostasis; (4) Infection - The Process, Prevention and Control; (5) Sterilization and Disinfection Methods.

ST 110 CARE OF THE SURGICAL PATIENT (3-3-4)(S). Includes modules: (1) The Patient; (2) Preparation of the Surgical Patient; (3) Transportation of the Surgical Patient; (4) Positioning of the Surgical Patient; (5) Anesthesia; (6) Recovery Room and Emergency Room Care.

ST 111 SURGICAL PROCEDURES (6-4-8)(S). Includes modules: (1) General Surgical Procedures; (2) General Abdominal Procedures; (3) Orthopedic Surgery; (4) Obstetric and Gynecological Procedures; (5) Genitourinary and Transplant Surgery; (6) Plastic Surgery; (7) Ophthalmic Surgery; (8) Ear, Nose, Throat, Oral Surgery; (9) Neurosurgery; (10) Microsurgery; (11) Cardiovascular and Thoracic Surgery; (12) Pediatric and Geriatric Surgery. Each of the modules includes a brief history, procedures, special considerations and the drugs used.

ST 131 CLINICAL PRACTICE (2-6-3)(F). Includes patient care and beginning experience in the operating rooms, outpatient and central supply.

ST 132 ADVANCED CLINICAL PRACTICE (4-8-6)(S). Includes advanced experience in surgery, scrubbing, and circulating. PREREQ: ST 131.
The program has been accredited by the Joint Review on Education for the Surgical Technician, sponsored by the American Medical Association Council on Allied Health Education.

Change the Practical Nursing program to read:

PRACTICAL NURSING
11-Month Program

Delete the 4th paragraph and replace with the following:

ADMISSION

Entrance requirements: high school graduate or pass the General Educational Development Test. Satisfactory scores on the pre-entrance test, which is given by Boise State University. A complete medical examination is required. The applicant will be interviewed by a committee. Twenty-four students will be selected for the September and January programs and ten students selected for the Nampa program.

The courses will be offered at various times during the eleven months depending upon the admission date and the availability of clinical experiences. This curriculum represents 1500 contact hours which are the requirements of the Idaho State Board of Nursing.

A student must complete the following requirements to graduate from the program, except PN 118 and PN 119.*

SUBJECTS

Professional Concepts PN 101 1
Anatomy and Physiology for Practical Nursing PN 102 3
Medical-Surgical Nursing PN 103 13
Medical-Surgical Nursing PN 104 14
Nutrition and Diet Therapy PN 105 1
Emergency Nursing Concepts PN 106 1
Pharmacology for Practical Nursing PN 107 1
Pharmacology Clinical PN 108 2
Geriatric Nursing PN 109 1
Geriatric Clinical PN 110 2
Maternal and Child Health PN 111 5
Maternal and Infant Clinical PN 112 3
Pediatric Clinical PN 113 5
Clinical Technique (Theory) PN 114 5
Clinical Foundations PN 115 2
Mental and Community Health PN 116 1
Occupational Relations and Mental Illness PN 262 2
Clinical Electives PN 117 1
*Special Theory PN 118 1-10
*Special Clinical PN 119 10

COURSE OFFERINGS

PN PRACTICAL NURSING (Courses offered Fall, Spring and Summer)
MACHINE SHOP TECHNOLOGY

Two Year Program

A specialized Machine Shop Technology program is provided for students desiring to become machine tool operators. Students receive instruction in the set-up and use of all basic machines including engine lathes, milling machines, planers, shapers, surface grinders, computer numerically controlled tape machines, and bench work connected with them. Students will also learn about the many different materials and processes used by industry. They will receive related technical instruction and practical experience in the use of various precision, measuring and testing equipment now being used by metals manufacturing industries.

SEMICONDUCTOR TECHNOLOGY

The successful completion of ET 131-132 or Mathematics 111, or the equivalent is prerequisite for this major.

First Year

<table>
<thead>
<tr>
<th>Course</th>
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<th>2nd</th>
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<tr>
<td>General Physics PH 101-102</td>
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<tr>
<td>College Chemistry C 131</td>
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<tr>
<td>Chemistry Lab C 132</td>
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<tr>
<td>Advanced Electronics Math ET 231-232</td>
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<tr>
<td>Communication Skills ET 111-112</td>
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<tr>
<td>Intro to Digital Electronics ET 161</td>
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<td>Intro to Integrated Circuit Industry ET 181</td>
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<td>Intro to Integrated Circuit Processing ET 182</td>
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<td>Integrated Circuit Processing I ET 183</td>
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<td>*Elective</td>
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Second Year

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<tr>
<td>Digital Electronics ET 271-272</td>
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<tr>
<td>Digital Systems Design ET 282</td>
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<tr>
<td>Solid State Device Physics</td>
<td>3</td>
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<tr>
<td>Integrated Circuit Layout ET 281</td>
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<td>Electronics Theory I ET 151</td>
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<td>Electronics Theory II ET 152</td>
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<td>Circuit Analysis ET 171-172</td>
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<tr>
<td>Intro to Solid State Physics ET 291</td>
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<tr>
<td>*Elective</td>
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<td><strong>Total</strong></td>
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</tbody>
</table>

*The electives shall be selected from the areas of Business, Economics, and/or Human Relations.

Total number of credit hours: 72

Add to COURSE OFFERINGS ET -- ELECTRONIC TECHNOLOGY the following:

ET 181 INTRODUCTION TO INTEGRATED CIRCUIT INDUSTRY (2-0-2)(F). Overview of the integrated circuit: its history, applications, and manufacturing. Course will cover technical aspects lightly and will focus on economic and social impact. PREREQ: ET 131-132, or M 111 or equivalent.

ET 182 INTRODUCTION TO INTEGRATED CIRCUIT PROCESSING (2-0-2)(F). Examination of the manufacturing techniques and processes necessary to build an integrated circuit from raw materials to final products. The emphasis is on conceptual aspects of processing; however, mechanisms and modeling will be discussed. PREREQ: ET 131-132 or M 111 or the equivalent.

ET 183 INTEGRATED CIRCUIT PROCESSING I (2-0-2)(S). A descriptive treatment, in some chemical and mathematical detail, of the proc-
ET 281 INTEGRATED CIRCUIT LAYOUT (2-0-2)(S). Lecture and drafting techniques used in the design of integrated circuit photolithographic masks. Focus to be on N-MOS silicon gate memory devices. PREREQ: ET 183.

ET 291 INTRODUCTION TO SOLID STATE PHYSICS (3-0-3)(S). A study of the interaction of wave phenomena (electromagnetic radiation, lattice vibration, and electrons) with the lattice in a solid. Attention is focused on an understanding of the electrical and thermal properties of solids, metals, and semiconductors, in particular. Other selected topics from solid state and low temperature physics. PREREQ: PH 102 or PH 220-224.

ET 292 SOLID STATE DEVICE PHYSICS (3-0-3)(S). Introduction to the theory underlying the operation of semiconductor devices. The emphasis is placed on qualitative understanding and simple quantitative models. PREREQ: PH 291, ET 231 or M 204, C 131.

PAGE 151 - AUTOMOTIVE MECHANICS

Change the AUTOMOTIVE MECHANICS Program to the following:

AUTOMOTIVE MECHANICS
11-Month Program

The program is designed to provide students with classroom and laboratory experiences that will prepare them for employment in new car dealerships or independent garages. The proper use of diagnostic equipment and shop machine tools are emphasized.

SUBJECTS

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
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<tbody>
<tr>
<td>Auto Mechanics Tune-up and Drive Train</td>
<td>105</td>
<td>14</td>
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<tr>
<td>Auto Mechanics Engine and Brakes</td>
<td>106</td>
<td>-</td>
<td>16</td>
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<tr>
<td>Auto Mechanics Front End and Air Conditioning</td>
<td>AM 107</td>
<td>-</td>
<td>16</td>
</tr>
<tr>
<td>Occupational Relations</td>
<td>AM 262</td>
<td>2</td>
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</tr>
</tbody>
</table>

AM AUTO MECHANICS

AM 105 AUTO MECHANICS TUNE-UP AND DRIVE TRAIN (10-20-14)(F). This course covers basic electricity, carburetion, ignition systems, generator testing, alternator rebuilding and testing, emission testing, starter rebuilding, automatic and standard transmissions, rear axles, and universal joint replacement.

AM 106 AUTO MECHANICS ENGINE AND BRAKES (10-20-16)(S). This course covers disassembly of engines, measurement of wear, and rebuilding procedures. Braking systems are studied with emphasis on shoe replacement, drum and rotor machining, and rebuilding of wheel and master cylinders.

AM 107 AUTO MECHANICS: FRONT END AND AIR CONDITIONING (10-20-16)(Su). Front ends are checked for wear and rebuilt as necessary. Alignment of wheels is checked and corrected as required. In the Air Conditioning section, students are taught diagnosis of air conditioning problems, replacement of components, and evacuation and recharging with suitable refrigerant.

AM 262 OCCUPATIONAL RELATIONS (2-0-2)(F). Course designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining, and advancing in employment. One semester course.

PAGE 153 - HORTICULTURE SERVICE TECHNICIAN

Add to course Offerings for HO HORTICULTURE SERVICE TECHNICIAN:

HO 242 RELATED SCIENCE (2-0-2). Developing comprehension of the scientific principles utilized in power equipment, lawn and shrub maintenance, plant wounds, and basic first aid.

HO 251 HORTICULTURE THEORY (0-7-5). Landscape maintenance. Plant identification and uses. Landscape design, turf management, and shade tree identification and installation.

HO 252 HORTICULTURE THEORY (0-7-5). Horticulture power machines and maintenance of tillers, mowers, shredders, construction design, nursery production, and garden center management.

HO 262 OCCUPATIONAL RELATIONS (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

HO 271 INDIVIDUAL PROJECTS (5-0-3). Providing the opportunity for the student to apply all his prior education in planning, developing, and completing a unique, practical horticulture project.
PAGE 153-154 - FASHION MERCHANDISING (DELETED)

Delete - program has been discontinued.

PAGE 154 - MARKETING-MID-MANAGEMENT

NOTE: The Marketing-Mid-Management program is also listed in Part 5 of the Catalog, under the School of Business.

OFFICE OCCUPATIONS

Replace Options: with the following: follows:

SECRETARY - 2 Semesters

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM</th>
<th>2ND SEM</th>
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<tbody>
<tr>
<td>Business Math-Machines OF 118</td>
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<tr>
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<tr>
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<tr>
<td>Word Processing OF 114</td>
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<td>3</td>
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<tr>
<td>Record Keeping OF 116</td>
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<td>3</td>
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<tr>
<td>Filing &amp; Records Management OF 112</td>
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<td>3</td>
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<tr>
<td>Shorthand, Beg, Inter, or Adv OF 121, 122, 123</td>
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<td>4</td>
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<tr>
<td>Shorthand Lab, Begin or Intermed OF 115, 117</td>
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CLERK-TYPIST - 2 Semesters

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<td>Business Communications OF 110</td>
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<td>Business Writing OF 120</td>
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<tr>
<td>Bookkeeping I OF 100</td>
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</table>

CLERK-GENERAL OFFICE - 2 semesters

<table>
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<tbody>
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<td>Business Math-Machines OF 118</td>
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<tr>
<td>Bookkeeping II OF 101</td>
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</table>

OF 100 BOOKKEEPING I (3-4-5-)(F). Covers the entire bookkeeping cycle for sole proprietorship bookkeeping. Includes journalizing, posting, financial statements, payroll, and closing procedures.

OF 101 BOOKKEEPING II (3-4-5-)(S). Covers the entire bookkeeping cycle for corporations. Includes the use of special journals, cash register system, sales, taxes, uncollectable accounts, depreciation, disposal of plant assets, notes, accruals, partnerships, and corporations.

OF 102 TYPING (2-8-4)(F). Theory and keyboard operations on the typewriter with application for personal or business use. Developing/measuring basic skills.

OF 103 TYPING II (2-8-4)(FS). Review of typing fundamentals for developing speed and accuracy with applications of these skills for business use. Measuring basic/production skills.

OF 104 TYPING III (2-8-4)(FS). Continued study of typewriting procedures to develop speed and accuracy in office applications. Measuring basic/production skills.

OF 110 BUSINESS COMMUNICATIONS (5-0-5)(F). Emphasis on developing grammar skills such as parts of speech, punctuation, capitalization, spelling, and vocabulary skills.

OF 112 FILING (1-4-1)(F/S). Designed to provide fundamental training in records management so students will be able to meet entry-level records management needs of business. At conclusion of the course, students will have learned to handle all types of correspondence and forms most frequently found in modern offices. They also will have had experience with the four filing methods: alphabetic, numeric, subject, and geographic.

OF 114 WORD PROCESSING (2-3-3)(S). The development of speed and accuracy in machine transcription by using programmed tapes and simulated office work experience. Student will learn to transcribe from machine letters, transcripts, memos, reports and statistical tables. Also included is the development of skills using memory typewriter and other up-to-date work processing equipment. Emphasis is placed on creation, storage, and retrieval of typed material.

OF 115 SHORTHAND LAB (0-2-1)(F/S). Open lab to be used in conjunction with OF 122.

OF 116 RECORD KEEPING (2-3-4) (F/S). Fundamental operations of recordkeeping. Proceeds from very simple clerical tasks to the introduction of elementary double-entry bookkeeping concepts. Develops skills and knowledge that students can use in simple clerical office jobs in which recordkeeping is involved.
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

OF 117 BEGINNING SHORTHAND LAB (0-2-1)(F). Open lab to be used in conjunction with OF 121.

OF 118 BUSINESS MATH/MACHINES (3-2-4)(F/S). Fundamental operations of arithmetic in business usage. Decimals, fractions, percentages, interest discounts, markup, installment buying, depreciation. Student will learn the touch system using the electronic printing calculator.

OF 120 BUSINESS WRITING (5-0-5)(S). Designed to emphasize the building of a foundation in effective business writing principles. Preparation of a variety of business letters is required.

OF 121 SHORTHAND I (5-0-4)(F). A beginning course in Gregg Shorthand. Emphasis is placed on theory, writing skill, vocabulary development. PREREQ: Demonstrated proficiency in typewriting or current enrollment in typewriting.

OF 122 SHORTHAND II (5-0-4)(F/S). Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. PREREQ: OF 121 or advanced placement through proficiency exam.

OF 123 SHORTHAND III (5-0-4)(F/S). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. PREREQ: OF 122 or advanced placement through proficiency exam.

OF 124 CONSUMER EDUCATION (3-0-3)(F). A course that emphasizes knowledge in several business areas as well as encouraging personal development. This course includes units in consumer credit, consumer rights and responsibilities, buying goods and services, nutrition, proper budgeting and money management.

This completes the Cumulative Addendum.
PROPOSAL: To correct and clarify the catalog listing for the General Option English major.

CURRENT CATALOG LISTING:

3. General Option
   a. Completion of 53 credits in English or Linguistics not to include E 101 and E 102 or E 111H and E 112H, 38 credits of which must be upper division.
   1. At least fifteen credits in British Literature, not to include E 385, E 389, or E 487.
   2. No more than nine credits in special topics courses in English or Linguistics.
   b. Under this option the following emphases are offered:
      1. General Option, British Literature Emphasis
         a. Specific Courses
            1. Survey of British Literature E 240 and E 260 3
            2. Shakespeare E 345 or E 346 3
         b. Area Requirements
            1. Pre-1800 British Literature courses numbered from E 340 to E 359 12
            2. Post-1800 British Literature courses numbered from E 380 to E 389 3
            3. British History HY 311, HY 312, HY 432, HY 338 3
            4. Upper-division elective in British, American, or British and American Literature 17
      2. General Option, American Literature Emphasis
         a. Specific Courses
            1. Survey of American Literature E 271 and E 272 6
            2. Shakespeare E 345 or E 346 3
            3. E 577, American Renaissance 3
            4. E 278, American Realism 3
            5. E 384, Literature of the American West 3
            6. E 390, Folklore 3
         b. Area Requirements
            1. Modern British and American Literature E 385, E 389, or E 487 3
            2. Lower-division literature courses E 211, E 213, E 219, E 240, or E 260 9
            3. PO 331, American Political Theory 3
            4. AN 102, Cultural Anthropology 3
            5. U.S. History HY 151, HY 152, HY 354, HY 355, HY 356, HY 358, HY 359 3
            6. Upper-division electives in Literature or Linguistics 20
      3. General Option, World Literature Emphasis
         a. Specific Courses
            1. E 215, Far Eastern Literature 3
            2. Western World Literature E 230 and E 235 6
            3. 19th and 20th Century Continental Literature E 336 and E 338 6
      4. E 341, Medieval Epics and Romances 3
      5. Shakespeare E 345 or E 346 3
      6. E 390, Folklore 3
      7. E 393, History of Literary Criticism 3
   b. Area Requirements
      2. History other than U.S. or British history courses 6
      3. World Drama TA 341, TA 342, TA 343, TAK 445 3
      4. British Literature courses numbered from E 340 to E 389 9
      5. Upper-division electives in Literature or Linguistics 11

4. General Option, Linguistics Emphasis
   a. Specific Courses
      1. LI 305, Introduction to Linguistics 3
      2. LI 307, Applied English Linguistics 3
      3. LI 309, History of the English Language 3
      4. LI 405, Modern English Structure 3
      5. LI 407, Applied Linguistics in Teaching ESL 3
      6. E 493, ESL Internship 3
   b. Area Requirements
      1. Old or Middle English language and literature (E 340, for example) or a foreign language read in the original language 9
      2. One year of a foreign language 4
      3. AN 102, Cultural Anthropology or a second year of a foreign language or one year of a second foreign language 3 or 4
      4. Upper-division literature 11

5. General Option, Writing Emphasis
   a. Specific Courses
      1. E 201, Advanced Expository Composition 3
      2. E 202, Technical Writing 3
      3. E 401, Advanced Writing 3
      4. E 493, Writing Internship 3
   b. Area Requirements
      1. Creative Writing E 205, E 206, E 305, E 306 6
      2. Linguistics Li 305, Li 307, Li 309, Li 405 6
      3. Related fields P 341, PY 247, HY 210, CM 471, CM 473, CM 474 9
      4. Lower-division literature electives 3-9
      5. British Literature courses numbered from E 340 to E 389 15
      6. Upper-division electives in Literature or Linguistics 5-11

PROPOSED CATALOG LISTING:

3. General Option
   a. General Option without specific area of emphasis
      1. Completion of 53 credits in English or Linguistics excluding E101 and E102 or E111H and E112H.
   (a) Of these credits, 38 must be upper division, including E493, Senior Seminar.
(b) Of these credits, 15 must be in British Literature, excluding E385, E389, and E487.
(2) No more than 9 credits may be in special topics courses in English or Linguistics.

b. General Option, American Literature emphasis
(1) Specific courses:
   (a) Survey of American Literature, E271 and E272 6
   (b) Shakespeare, E345 or E346 3
   (c) American Renaissance, E377 3
   (d) American Realism, E378 3
   (e) Literature of the American West, E384 3
   (f) Folklore, E390 3
   (g) Senior Seminar, E498 2

(2) Area requirements:
   (a) Modern British and American Literature, E385, E389, or E487 3
   (b) Lower division literature courses, E211, E213, E217, E219, E240, or E260 9
   (c) Upper division electives in Literature or Linguistics 18
   (d) American Political Theory, PO331 3
   (e) Cultural Anthropology, AN102 (satisfies Area II core requirement) 3
   (f) U.S. History, HY151, HY152, HY354, HY355, HY356, HY358, or HY359 3

c. General Option, British Literature emphasis
(1) Specific courses:
   (a) Survey of British Literature, E240 and E260 6
   (b) Shakespeare, E345 or E346 3
   (c) Senior Seminar, E498 2

(2) Area requirements:
   (a) Pre-1800 British Literature, courses numbered from E340 through E359 12
   (b) Post-1800 British Literature, courses numbered from E360 through E369 6
   (c) Electives in British, American, or British and American Literature, 15 credits of which must be upper division 24
   (d) British History, HY311, HY312, HY338, or HY432 3

d. General Option, Linguistics emphasis
(1) Specific courses:
   (a) Introduction to Linguistics, LI305 3
   (b) Applied English Linguistics, LI307 3
   (c) History of the English Language, LI309 3
   (d) Modern English Structure, LI405 3
   (e) Applied Linguistics in Teaching ESL 3
   (f) ESL Internship, E493 3
   (g) Senior Seminar, E498 2

(2) Area requirements:
   (a) Old or Middle English Language and Literature (E340, for example) or a foreign literature read in the original language 3
(b) Electives in literature, lower division or upper division
(c) Upper division electives in literature, 12 of which must be British Literature
(d) One year of a foreign language
(e) A second year of a foreign language or one year of a second foreign language
(f) Cultural Anthropology, AN102 (satisfies Area II core requirement)

e. General Option, World Literature emphasis

(1) Specific courses:
   (a) Far Eastern Literature, E215
   (b) Western World Literature, E230 and E235
   (c) 19th and 20th Century Continental Literature, E336 and E338
   (d) Medieval Epics and Romances, E341
   (e) Shakespeare, E345 or E346
   (f) Folklore, E390
   (g) History of Literary Criticism, E393
   (h) Senior Seminar, E498

(2) Area requirements:
   (a) Lower division literature courses, E211, E213, E217, E240, E260, E271, or E272
   (b) British Literature, courses numbered from E340 through E369
   (c) Upper division electives in Literature or Linguistics
   (d) World Drama, TA341, TA342, TA343, or TA445
   (e) History, other than U. S. or British

f. General Option, Writing emphasis

(1) Specific courses:
   (a) Advanced Expository Composition, E201
   (b) Technical Writing, E202
   (c) Advanced Writing, E401
   (d) Writing Internship, E493
   (f) Senior Seminar, E498

(2) Area requirements:
   (a) Creative Writing, E205, E206, E305, or E306
   (b) Linguistics, LI305, LI307, LI309, or LI405
   (c) Lower division literature electives, not to exceed 15 credits total for completed option
   (d) British Literature, courses numbered from E340 through E369
   (e) Upper division electives in Literature or Linguistics
   (f) Electives from related fields, CM471, CM473, CM474, HY210, P341, or PY247

JUSTIFICATION: The current catalog listing contains several errors and omissions that lessens its usefulness as an aid to planning and advising. For example, some students have not understood that they could select the General Option without a specific
area of emphasis, for it is not listed as parallel to the five specific areas of emphasis. Others were misled into thinking that they were not required to take the Senior Seminar, E498, to graduate under the General Option, since it was not designated by name. Typographical errors led some students taking the British Literature emphasis to think that they could complete their degree with a total of 47 lower and upper division hours in their major. The same problem arose because of the 36 hours listed under the Linguistics emphasis. To further clarify the intent of the Linguistics emphasis, the department has decided to specify Cultural Anthropology, AN102, as a requirement rather than to make it one part of a one-or two-out-of-three option.

Other changes involve arranging the specific areas of emphasis in alphabetical order and listing all English and Linguistics requirements and electives before listing courses from other fields.

PROJECTED ENROLLMENT: No change.

RESOURCES REQUIRED: No change.

LIBRARY RESOURCES VERIFICATION: No change.

IMPLEMENTATION DATE: Fall, 1983.
LISTING OF SPECIFIC CORRECTIONS AND CLARIFICATIONS:

1. The General Option without specific area of emphasis was made parallel to the listings of the specific emphases. (Original, 3, changed to 3, a.)

2. E498, Senior Seminar, was listed as an explicit requirement rather than as an implied one for each area of emphasis.

3. For the British Literature emphasis, the number of elective credits in Literature and Linguistics was corrected from 17 to 24 hours and stated so as to include lower division courses. This clarifies the total number of hours in Literature and Linguistics required for the emphasis (53). (Original, 1, b, 4, changed in c, (2), (c).)

4. For the Linguistics emphasis, the number of elective credits in Literature was corrected from 11 to 30 and stated so as to include lower division courses. This clarifies the total number of hours in Literature required for the emphasis. (Original, 4, b, 4, changed in d, (2), (b) and (c).)

5. For the Linguistics emphasis, the number of hours for the first foreign language was corrected from 4 to 6 or 8. (Original, 4, b, 2, changed in d, (2), (d).)

6. For the Linguistics emphasis, the number of hours for the second foreign language or the second year of the first foreign language was corrected from 4 to 6 or 8. (Original, 4, b, 3, changed in d, (2), (e).)

7. For the Linguistics emphasis, AN102, Cultural Anthropology, was designated as a requirement rather than being listed as an optional means of fulfilling a requirement. (Original, 4, b, 3, changed in d, (2), (f).)

8. For the Writing emphasis, the total number of allowable lower division Literature or Linguistics hours was specified to be a total of 15, as required for the emphasis. (Original, 5, b, 4, changed in f, (2), (c).)

9. For the Writing emphasis, the number of upper division Literature and Linguistics elective hours was corrected from 5-11 to 3-9. This clarifies to total number of hours in Literature and Linguistics required for the emphasis. (Original, 5, b, 6, changed in f, (2), (e).)