THE COLLEGE SEAL

The seal of Grand Canyon College depicts the saguaro cactus, the state flower, silhouetted against an outline of the State of Arizona. In the background are mountain ranges with a cross erected on the highest peak, illuminating the map of the state. The desert scene represents the barren state of uneducated man. The clouds approaching from beyond the mountains give promise that the barren desert may come to know life, beauty, and fruitfulmess. The saguaro cactus, with branches pointing upward, signifies the four years of intellectual endeavor and opportunity afforded students at Grand Canyon College. The mountains in the background symbolize the challenging achievements awaiting on the horizons of the future. The cross serves as a guide and source of spiritual enlightenment. Between the outer circle representing the earth and the inner circle representing the wheel of progress, the name of the College and the place and date of its founding are inscribed.

The use of the seal is permitted only with approval of the President of the College.

The colors of Grand Canyon College are purple and white.

Recommended by the faculty and adopted by the trustees.
College and Secondary Schools.

Grand Canyon College is a member of the North Central Association of Colleges and Secondary Schools.

The College is a member of the North Central Association of Colleges and Secondary Schools. As such, it offers a variety of academic programs and degree options.

Foreword
Directory for Correspondence

College Mailing Address
Grand Canyon College
3300 W. Camelback Road
Phoenix, Arizona 85017

General Policy, Gifts and Endowment, Legal Matters
President of the College

Academic Matters, Faculty, Curriculum, and Program
Vice President for Academic Affairs

Admissions, Catalog Registrar

Expenses, Financial Arrangements, Student Employment on Campus
Director of Financial Aid

Student Employment off Campus Vice President for Student Affairs

Tuition Grants for Ministerial Students Director of Religious Activities

Dormitories and Housing Vice President for Student Affairs

or Dean of Women

Associated Students, Grand Canyon College Vice President for Student Affairs

Publicity Materials, Student Publications Vice President for Development

Teacher Education Director of Teacher Education

Veterans' Affairs Director of Financial Aid

Selective Service Vice President for Student Affairs

Summer School Vice President for Academic Affairs

Alumni Affairs Secretary of the Alumni Association

INFORMATION FOR VISITORS

The Administration Building faces toward Camelback Road and is the central one of the three buildings on Administration Avenue.

Office hours are 8 a.m. to 5 p.m., Monday through Friday, and 9 a.m. to 12 o'clock noon on Saturday. Office holidays: Thanksgiving Day, Christmas Eve, Christmas Day, New Year's Day, and Independence Day.

Visitors are always welcome on the campus. If you anticipate a visit to the campus when offices will be closed, you may make arrangements by writing to the Vice President for Academic Affairs. If you cannot plan far enough in advance, a telephone call will often find someone at the switchboard to arrange a visit. Telephone 249-3300, Area Code 602.
Table of Contents

I. General Information 6
II. Financial Information 23
III. Student Life 39
IV. Admission Policies and Procedures 55
V. General Academic Regulations 63
VI. Graduation Requirements 75
VII. Departments of Instruction and Descriptions of Courses 83
VIII. Administration and Personnel 181
IX. Student Statistics 193
X. Index 197
ACADEMIC CALENDAR — FALL SEMESTER

<table>
<thead>
<tr>
<th>Event</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Workshop (Friday)</td>
<td>Aug. 30</td>
<td>Aug. 29</td>
</tr>
<tr>
<td>Dormitories open 8:00 a.m., 1:00 p.m.</td>
<td>Sept. 2</td>
<td>Sept. 1</td>
</tr>
<tr>
<td>Conferences and placement tests for Freshmen and Transfers</td>
<td>Sept. 3</td>
<td>Sept. 2</td>
</tr>
<tr>
<td>Registration for Seniors, Juniors, Sophomores</td>
<td>Sept. 3</td>
<td>Sept. 3</td>
</tr>
<tr>
<td>Registration for Freshmen and Transfers</td>
<td>Sept. 4</td>
<td>Sept. 4</td>
</tr>
<tr>
<td>Instruction begins</td>
<td>Sept. 4</td>
<td>Sept. 4, 8, 9</td>
</tr>
<tr>
<td>Evening Registration</td>
<td>Sept. 5, 9, 10</td>
<td>Sept. 4</td>
</tr>
<tr>
<td>Instruction begins, evening classes</td>
<td>Sept. 5</td>
<td>Sept. 4</td>
</tr>
<tr>
<td>Last day to register for credit</td>
<td>Sept. 16</td>
<td>Sept. 15</td>
</tr>
<tr>
<td>Mid-term grade reports due</td>
<td>Oct. 30</td>
<td>Oct. 29</td>
</tr>
<tr>
<td>Founders Day (Monday)</td>
<td>Nov. 4</td>
<td>Nov. 11 (Tues.,)</td>
</tr>
<tr>
<td>Veterans Day (Day classes only)</td>
<td>Nov. 11</td>
<td>Nov. 12</td>
</tr>
<tr>
<td>Last day to drop courses without penalty</td>
<td>Nov. 12</td>
<td>Nov. 27-30</td>
</tr>
<tr>
<td>Thanksgiving Holidays</td>
<td>Nov. 28-Dec. 1</td>
<td>Dec. 15-18</td>
</tr>
<tr>
<td>Final Examinations (5th period MWF held on Dec. 13)</td>
<td>Dec. 16-19</td>
<td>Dec. 19</td>
</tr>
<tr>
<td>Grade reports due</td>
<td>Dec. 20</td>
<td>Dec. 19-Jan. 4</td>
</tr>
<tr>
<td>Christmas Holidays</td>
<td>Dec. 20-Jan. 5</td>
<td>Dec. 19-Jan. 4</td>
</tr>
</tbody>
</table>

STUDENT TEACHING

<table>
<thead>
<tr>
<th>Event</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classes begin</td>
<td>Sept. 5</td>
<td>Sept. 4</td>
</tr>
<tr>
<td>Classes end</td>
<td>Nov. 1</td>
<td>Nov. 1</td>
</tr>
<tr>
<td>Student teaching begins</td>
<td>Nov. 4</td>
<td>Jan. 16</td>
</tr>
<tr>
<td>Student teaching ends</td>
<td>Jan. 17</td>
<td>Jan. 17-28</td>
</tr>
<tr>
<td>Semester break for student teachers</td>
<td>Jan. 18-29</td>
<td>Jan. 17-28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Event</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>January Term begins (Monday)</td>
<td>Jan. 6</td>
<td>Jan. 5 (Mon.,)</td>
</tr>
<tr>
<td>January Term ends (Friday)</td>
<td>Jan. 24</td>
<td>Jan. 23 (Fri.,)</td>
</tr>
<tr>
<td>January Term reports due by 12:00 noon</td>
<td>Jan. 25</td>
<td>Jan. 24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MONTH</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUNE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>21 22 23 24 25 26</td>
<td>20 21 22 23 24 25</td>
<td></td>
</tr>
<tr>
<td>27 28 29 30 31</td>
<td>27 28 29 30 31</td>
<td></td>
</tr>
<tr>
<td>JULY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>10 11 12 13 14 15</td>
<td></td>
</tr>
<tr>
<td>16 17 18 19 20</td>
<td>16 17 18 19 20</td>
<td></td>
</tr>
<tr>
<td>21 22 23 24 25</td>
<td>21 22 23 24 25</td>
<td></td>
</tr>
<tr>
<td>26 27 28 29 30</td>
<td>26 27 28 29 30</td>
<td></td>
</tr>
<tr>
<td>AUGUST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>19 20 21 22 23 24</td>
<td>19 20 21 22 23 24</td>
<td></td>
</tr>
<tr>
<td>25 26 27 28 29 30</td>
<td>25 26 27 28 29 30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MONTH</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEPTEMBER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>19 20 21 22 23 24</td>
<td>19 20 21 22 23 24</td>
<td></td>
</tr>
<tr>
<td>25 26 27 28 29 30</td>
<td>25 26 27 28 29 30</td>
<td></td>
</tr>
<tr>
<td>OCTOBER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>19 20 21 22 23 24</td>
<td>19 20 21 22 23 24</td>
<td></td>
</tr>
<tr>
<td>25 26 27 28 29 30</td>
<td>25 26 27 28 29 30</td>
<td></td>
</tr>
<tr>
<td>NOVEMBER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>19 20 21 22 23 24</td>
<td>19 20 21 22 23 24</td>
<td></td>
</tr>
<tr>
<td>25 26 27 28 29 30</td>
<td>25 26 27 28 29 30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MONTH</th>
<th>1974</th>
<th>1975</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECEMBER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S M T W T F S</td>
<td>S M T W T F S</td>
<td></td>
</tr>
<tr>
<td>1  2  3  4  5  6</td>
<td>1  2  3  4  5  6</td>
<td></td>
</tr>
<tr>
<td>7  8  9 10 11 12</td>
<td>7  8  9 10 11 12</td>
<td></td>
</tr>
<tr>
<td>13 14 15 16 17 18</td>
<td>13 14 15 16 17 18</td>
<td></td>
</tr>
<tr>
<td>19 20 21 22 23 24</td>
<td>19 20 21 22 23 24</td>
<td></td>
</tr>
<tr>
<td>25 26 27 28 29 30</td>
<td>25 26 27 28 29 30</td>
<td></td>
</tr>
</tbody>
</table>

SUMMER SESSIONS*

<table>
<thead>
<tr>
<th>Year</th>
<th>Presessions</th>
<th>June 3-7</th>
<th>June 10-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>First Term</th>
<th>June 7-July 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Second Term</th>
<th>July 13-August 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Presessions</th>
<th>May 31-June 4</th>
<th>June 7-11</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>First Term</th>
<th>June 4-July 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: The initial date in each instance is the date of registration.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 6</td>
<td>Student health exams</td>
</tr>
<tr>
<td>Jan 17</td>
<td>Student health exams</td>
</tr>
<tr>
<td>Jan 20</td>
<td>Health exams begin</td>
</tr>
<tr>
<td>Jan 27</td>
<td>Student health exams</td>
</tr>
<tr>
<td>Feb 1</td>
<td>Class begins</td>
</tr>
<tr>
<td>Mar 7</td>
<td>Class begins</td>
</tr>
<tr>
<td>Mar 14</td>
<td>Class begins</td>
</tr>
<tr>
<td>Apr 12</td>
<td>Class begins</td>
</tr>
<tr>
<td>Apr 19</td>
<td>Class begins</td>
</tr>
<tr>
<td>Apr 26</td>
<td>Class begins</td>
</tr>
<tr>
<td>May 3</td>
<td>Class begins</td>
</tr>
<tr>
<td>May 15</td>
<td>Class begins</td>
</tr>
<tr>
<td>May 17</td>
<td>Class begins</td>
</tr>
<tr>
<td>May 21</td>
<td>Final examinations</td>
</tr>
<tr>
<td>May 21</td>
<td>Class begins</td>
</tr>
<tr>
<td>May 25</td>
<td>Class begins</td>
</tr>
<tr>
<td>Jun 1</td>
<td>Last day to drop courses without penalty</td>
</tr>
<tr>
<td>Jun 15</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Jun 30</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Jul 1</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Jul 17</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Aug 4</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Aug 11</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Aug 18</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Aug 27</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Aug 31</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Sep 26</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Sep 30</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Oct 1</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Oct 11</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Nov 1</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Nov 25</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Dec 1</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Dec 15</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Dec 23</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
<tr>
<td>Dec 30</td>
<td>Visit at 753 W. 18th St.</td>
</tr>
</tbody>
</table>

**Student Teaching:**

- **Jan 6:** Health exams
- **Jun 1:** Visit at 753 W. 18th St.
- **Aug 27:** Visit at 753 W. 18th St.
- **Sep 30:** Visit at 753 W. 18th St.
- **Oct 1:** Visit at 753 W. 18th St.
- **Nov 1:** Visit at 753 W. 18th St.
- **Dec 1:** Visit at 753 W. 18th St.

**Visits at 753 W. 18th St.:**

- **Aug 27:** Visit at 753 W. 18th St.
- **Sep 30:** Visit at 753 W. 18th St.
- **Oct 1:** Visit at 753 W. 18th St.
- **Nov 1:** Visit at 753 W. 18th St.
- **Dec 1:** Visit at 753 W. 18th St.
1. General College Information
6. A better understanding and appreciation of aesthetic values and of
Imagination in a variety of recreational activities.
2. Healthful living practices, physical vigor, and the enjoyment of par-
3. Regard for the rights and feelings of others.
4. Proper sense of responsibility for one's home, work, and personal de-
5. Tendency toward community service.
6. Awareness of social values, and an appreciation of courtesy, respect,
7. Critical thinking, in appropriate evaluation of evidence, in distinc-
8. The development of spiritual, moral, social, and aesthetic aspects

SPECFIC OBJECTIVES

The purpose of Grand Canyon College, as a Christian liberal arts college,

GENERAL PURPOSE

GENERAL COLLEGE INFORMATION
The curriculum is designed to implement the purpose of the College in developing Christian principles of leadership and thinking in all phases of man's activities. Emphasis is placed upon the effort to provide a liberal education. At the same time, some professional courses are offered in appropriate areas.

CHRISTIAN EMPHASIS

Grand Canyon College attempts to provide a Christian atmosphere where spiritual issues are discussed, religious experiences are encouraged, and the relevance of Christianity to our culture is explored. The Christian emphasis of the College finds expression in both structured and unstructured campus activities.

Structured activities include chapel services, courses in Bible required for graduation, and the activities of the Christian Service Council and other religiously oriented groups. The chapel provides students with an opportunity to set academic pursuits aside and worship with the entire student body, faculty, and administration. Each year two special weeks of religious emphasis are held, at which time outstanding Christian leaders speak daily to the student body and hold conferences and seminars on problems and topics relevant to young Christians.

In other events sponsored by the College, a strong Christian emphasis is maintained. These provide opportunities for a student to become involved, to express himself, and to be influenced by Christian ideals. An atmosphere of Christian living prevails in the classrooms, in the dormitories, on the athletic field, and in every college activity. It is evidenced in the college choirs, in sports events, in college sponsored tours, and in spontaneous conversations between students and faculty in classes, at lunch, or at coffee breaks.

Many students coming to Grand Canyon College are confident and clear about their religious faith; others are uncertain, indifferent, or uninformed. The confrontation of these persons with each other stimulates spiritual growth and develops new insights.

Grand Canyon College adds a spiritual thrust to the challenging and academically demanding nature of a high quality college education. The College emphasizes and exemplifies the fact that scholarship and Christianity are not only compatible but complementary in their most significant manifestations.
The College is approved by the Veterans Administration for education of veterans and dependents under Title 38 of the United States Code.

The College is a member of the Association of Southern Baptist Colleges and Secondary Schools.

The College is accredited by North Central Association of Colleges and Secondary Schools.

ACREDITATION

and to man do acceptable work and who are moved by a desire for service to God to do acceptable work and who are moved by a desire for service to God, those who have the capacity, personality, motivation, and background to achieve the objectives of the College. The students described are the type of students attracted to the College determined the degree of success in achieving the objectives of the College.

STUDENTS

need, and readiness to appreciate fields of specialization, professional and technical education, such as psychology, philosophy, sociology, anthropology, history, philosophy, and the arts. Teaching ability is largely judged by what the teacher's students accomplish in their fields of specialization and professionalism. Evidence of academic competence include the obtaining of advanced degrees, scholastic achievement, and character and personality, in measuring their responsibilities. Students, and professionally and dependably in meeting their responsibilities. Students are selected with the objectives of the College in mind. Emphasis is placed upon character, academic competence, teach-

FACULTY

The College, founded and sponsored by Arizona Southern Baptists is governed by a board of trustees elected by the Arizona Southern Baptists.

GOVERNING BODY

General College Information
By authorization from the Immigration and Naturalization Service of the Department of Justice, non-immigrant alien students may apply for admission to the College. (See page 60).

TEACHER EDUCATION

The College offers training for prospective teachers for elementary school and high school. A student teaching program is made possible by contract agreement with various public and private schools in Arizona. All requirements for an elementary or secondary teaching certificate may be met at Grand Canyon College. The teacher education curriculum is described on pages 97 to 100.

SPECIAL SECRETARIAL PROGRAM

A special program is offered to persons who do not plan to complete a four-year degree program but who wish to qualify for office positions. Students who complete the curriculum and meet departmental standards will receive a certificate of proficiency. A student may complete the program in less than two years by enrolling in summer sessions. (See page 94 for further details.)

PREPROFESSIONAL TRAINING

Prelaw

A student who desires to prepare for a career in law or in some other profession requiring a legal education may take his undergraduate prelaw work at Grand Canyon College.

The minimum requirements for admission to law schools vary from three years of prelegal college work to a college degree. Whenever possible, the prelaw student should select in advance the law school he plans to attend and arrange his course of study to fit particular suggestions and requirements of that school. In any case, a broad preparation in English, history and government, and economics is recommended. Prelaw students are advised also to complete an elementary course in accounting.

The legal profession is exacting in its standards in regard to intellectual effort, honesty, and maturity. Basic objectives of prelegal education should
January Term

Meeting time for the semester is equivalent to that of a day class. The length of the class session is adjusted so that the total time includes forty-five minutes. Regular college courses are offered during late afternoon and early evening.

Evening Classes

For other careers in health sciences (see p. 167) or for employment in the paramedical professions, medical laboratory positions, and similar fields, the program may also qualify for admission to graduate schools in dentistry, pharmacy, optometry, or veterinary medicine. Students who successfully complete the premedical program may also qualify for premedical study which meets or exceeds the entrance requirements for the University of Arizona School of Medicine and most other medical schools. Through the biology department, the College offers a complete course of premedical, preprofessional, and preprofessional science preparation.

Critical understanding of human institutions and creative power in thinking include the development of comprehension and articulate communication.
Three semester hours of credit are given for the January Term. Regular tuition rates are charged plus a $15.00 special activities fee. Grading is on a credit or non-credit basis with the emphasis on active participation and individual accomplishment rather than competition for letter grades. Students register for the January Term at the beginning of the Fall Semester. One January Term is required for each year of study at Grand Canyon College. Students may elect to satisfy certain general studies or major or minor requirements during the interterm.

Students not regularly enrolled in Grand Canyon College may register for the January Term at any time during the Fall Semester and may receive a schedule of offerings by writing the Vice President for Academic Affairs.

SUMMER SESSIONS

Two summer sessions of five weeks each are held, offering a selection of courses in each department. A schedule of courses may be secured by writing to the Vice President for Academic Affairs.

Student Teaching During the Summer Sessions

Student teaching schedules are arranged individually, in advance, by personal interview with the Director of Teacher Education.

College graduates who are admitted as students in Grand Canyon College may enroll for six hours of elementary or secondary apprentice teaching during the summer session. Prerequisites: Elementary Education 343 and Elementary Education 353 or High School Methods 323 and High School Curriculum 443 or six hours of equivalent courses in education acceptable to the Department.

Student teachers must file with the Director of Teacher Education a transcript from each institution attended, two letters of recommendation, three copies of a recent photograph, and a report of a current chest x-ray. All students must complete regular matriculation requirements with the Registrar’s Office before entering the teacher education program.

Expenses

Tuition for the summer session is $32.50 per semester hour. Room rent in the dormitory for each five-week period is $65.00; board is $70.00 per term for a five-day meal ticket.
Phoenix is easily accessible over transcontinental Interstate Highways.

"Where summer spans the winter,"

people come to Phoenix to spend the winter months in the Valley of the Sun.

Phoenix is one of the notable winter resorts of America. Thousands of

Canal, Whipple Canal, and the Suburban Montezuma, such as the Grand Canyon, the Petrified Forest, Montezuma Castle, Oak Creek

1,000,000 in the metropolitan area. Phoenix is near many places of interest, including industrial and agricultural city with a population of over

of Arizona. Phoenix is near the geographical center of the state and is a

The college is located in the northwest area of Phoenix, the capital city

LOCATION

William R. Hines, 1973
Arthur K. Tyson, 1966-72
Charles L. Meek (acting president), 1965-66
Eugene N. Patterson, 1953-60
Glenn Benson (acting president), 1953-59
Lawrence R. Simmons, 1952-58
Glenn Benson (acting president), 1954-55
B. O. Herring, 1952-74
Frank Sutton (acting president), 1953
Lee Roy Snith, 1950-52
W. J. Ray, 1949-50

The following men have served as President of the College:

Road at Thirty-Third Avenue, where it is presently located.

In September, 1931, the college was moved to Phoenix, and the first

and began instruction with the Fall Semester, 1949.

Canyon College as its name. The college was chartered on August 1, 1949,

Canyon College whose President is the site for the new college and Grand

Colleges trustees who had been selected by the Executive Board of

and the Arizona Southern Baptist Convention (now known as the annual session of the Baptist General Convention of Arizona) and took the first definite steps toward founding Grand Canyon College were taken.

HISTORICAL SKETCH

General College Information
The Southern Pacific and Santa Fe railroads make Phoenix easily accessible by train. The Continental Trailways and Greyhound bus lines operate many schedules daily to and from Phoenix.

Air West, American, Apache, Continental, Delta, Frontier, Trans-World, and Western airlines make it possible for one to arrive at or leave Phoenix at almost any hour.

**CAMPUS**

The College has over 70 acres available for development of its campus. The original buildings are of one-story, cottage style, pumice block construction. They are now used for administrative offices, faculty offices, cafeteria, and auxiliary classrooms and laboratories. The Student Center and pavilion were secured largely through the efforts of students. Grouped around a quadrangle landscaped with flowers and Arizona shrubs and trees, all the buildings afford a view of the mountains surrounding the Valley of the Sun. The campus is comfortable and provides an attractive setting for college living.

A gymnasium-auditorium and the Fleming Library were constructed in 1957. A dormitory and a health center were completed in 1960.

A classroom building, another dormitory, a student pavilion, an addition to the library, and an extension to the cafeteria were completed in 1963. The bookstore occupied newly-constructed quarters in 1964. A dormitory addition was completed in 1967.

All buildings are cooled in the summer, most of them by refrigeration.

**The Fleming Library**

More than to any other single donor, the College is indebted to the late Mr. William Fleming, together with his widow, Mrs. Bessie Fleming, of Fort Worth, Texas, for the funds which have made possible the permanent buildings on the campus. Mr. Fleming was a Christian businessman who was especially interested in Christian education. His concept of his stewardship was in part to use his gifts to challenge others to give. The Flemings gave the Fleming Library outright, when the College was still in its infancy, and later provided funds on a challenge basis to build the health center, the first permanent dormitory wing, and the Fleming Classroom Building.

The Fleming Library, a two-story, red brick building, is arranged so as to provide a desirable atmosphere for study and immediate access to all
The health center, erected in 1960, is named in honor of the former college
Charles M. Cooke Health Center

...in 1967. The east and west wings combined have a total capacity of 118.
In addition, a 2nd floor was completed in 1969. It
Higher Angell Hall was completed in 1960. It houses 60 students in a two-story,

Kable Hall

...are large and are well furnished.
Gymnasium-Auditorium

...and chairs on the playing floor will accommodate an additional 1000 persons.

The collection includes original recordings by great voices of the Golden Age, such as Caruso.
Wade, Carlin, and Schumann-Heink. Valued at $20,000, the collection

The library is one of the largest to be found in a college of arts and sciences.
Music Library

...25 years. Soon after

...is provided for the use of these recordings. The records in the

...and journals are received

...approximately 270 magazines and journals are received

...approximately 64,500 books and

General College Information
physician. The building contains a doctor's office, two treatment rooms, a nurse's office, and a reception room. It is adequately equipped to care for the most common medical needs of students and faculty members.

Fleming Classroom Building
The Fleming Building, completed in 1963, contains eight classrooms, the Moss Parlor, and five offices for faculty members.

Ethington Memorial Little Theater
The Ethington Memorial Little Theater, with a seating capacity of 333, was completed in 1973. It was given in memory of Peter and Anna Ethington by their family.

COLLEGE PUBLICATIONS
The Grand Canyon College Bulletin is authorized by the board of trustees and approved by the administration and faculty. It is published four times a year, in February, May, August, and November, for the purpose of giving information concerning academic affairs of the College. The catalog issue sets forth policies, courses of study, academic requirements, and regulations for the student body.

Canyon Highways is published by the College for the purpose of presenting the activities of alumni, faculty, staff members, and students; improvements and additions to the campus; and other items of interest to schools, libraries, churches, alumni, parents of students, and other friends of the College.

ALUMNI ASSOCIATION
The Alumni Association of Grand Canyon College was organized in the spring of 1953, when the first four-year class graduated. The constitution, adopted in 1955, provides for membership of graduates and those ex-students who have completed a minimum of 12 semester hours in residence. Only graduates may hold elective offices.
Memorial Endowment Funds
Scholarships and Tuition Grants
Student Loans
Work-Study
Part-Time Employment and
Student Expenses

II. Financial Information
Student Expenses

Financial Information
Grand Canyon College

Center For Biblical Studies
Tuition and all fees, per semester hour .................................. $ 15.00
After 12 semester hours, charge for permanent file .................. 15.00

Center for Business Studies
Tuition and all fees, determined on individual course basis
After 12 semester hours, charge for permanent file .................. 15.00

Summer School
Tuition, per semester hour (Scholarships do not apply) .............. 32.50
Audit fee, per semester hour (Scholarships do not apply) .......... 32.50
General fee, per 5-week term .............................................. 5.00
Parking fee, June 1 through August 31 .................................. 5.00
Room, per term ..................................................................... 65.00
Board, 5-day meal ticket, per term ....................................... 70.00
Room, per week ..................................................................... 20.00
Board, $5 meal ticket ............................................................. 4.50

Other Fees
Late entrance examinations fee ............................................. 5.00
Late registration fee ............................................................. 5.00
(Financial record cards turned in to the Business Office on the
third day or later after classes begin are charged late regis-
tration fee regardless of the date when registration was begun.)
Temporary registration permit fee ......................................... 5.00
Course changes after close of regular registration .................. 3.00
Penalty for clearing accounts after the deadline date at the begin-
ing of the semester:
Nine or more hours, per week late ....................................... 5.00
Fewer than 9 hours, per week late ........................................ 2.50
Late examination fee (for any major exam) ............................. 3.00
Special examination, per semester hour of credit equivalent ..... 12.50
Typing proficiency test ......................................................... 10.00
Graduation fee .................................................................... 10.00
Transcript of credits, except the first ..................................... 1.00
Dormitory dues, per semester .............................................. 2.00
Post office box rental, per semester ..................................... 2.00
Upon completion or termination of the student's course of study, written application may be made for refund of the balance of the deposit when the request is made within the previous semester. No refund is made against the deposit during the current semester. The balance due is charged to the student. All students are responsible for the cost of books, supplies, fees, and all other expenses incurred. The student must pay tuition in full at the time of registration. The student must also pay all fees in full at the time of registration.

**Breakage Deposit**

- 8 hours - $100.00
- Bowling
- $12.00
- $20.00
- $25.00
- $2.00

**Student Teaching Fee**

- 3.00

**Junior Recital Fee**

- 2.00

**Senior Recital Fee**

- 0.00

**Class Instruction in Voice, Piano, Organ, Orchestral Instruments**

- 2.50

**Two Half-Hour Lessons per Week (2 Semester Hours Credit)**

- 8.00

**Private Lessons in Voice, Piano, Organ, Orchestral Instruments**

- 4.50

**Special Class Fees (per semester)**

- 4.00

**Reservation Deposit for Dormitory Room**

- 4.00

**Application Fee (Not Refundable)**

- 1.00

**Financial Information**

- 2.00

- 2.00

- 25
Placement Fee (Paid during the term of student teaching or upon request for service of the Placement Office) .................................. $15.00

Student Insurance

A group plan for accident and sickness insurance for Grand Canyon College students is available and provides for payment of medical and hospital charges according to a schedule which is furnished each student planning to attend the College. All students living in the dormitory must have this or comparable insurance and commuting students are encouraged to carry such insurance. All international students are required to carry medical and hospitalization insurance. The College cannot issue this insurance later than the last day of registration for credit. (See Academic Calendar, pages 6 and 7.)

Coverage becomes effective at 12:01 a.m. on September 1, or as soon thereafter as application for it is received. For students taking insurance in the fall only, coverage continues through the fall semester. For students taking the insurance for the fall and spring semesters, insurance continues until 12:00 midnight on August 31. Protection is in effect during all interim vacation periods and the student is covered at home, at school, or while traveling, 24 hours a day. Family coverage may be purchased directly from the agent.

Room and Board

Linens, towels, blankets, and pillows are furnished by the student.

The schedule of charges for regular semesters and terms appears on pp. 23 and 24. For holidays and guests, these provisions are made: Room rent is charged at the rate of $3 per day for students who stay in the dormitories when school is not officially in session (during Christmas holidays, between close of the spring semester and opening of the first summer term, and between end of the summer term and opening of the fall semester). For one guest, the charge is $5 per night; for two people in the guest room, $7.50 per night.

A student is charged for his board at the time he registers. The student may purchase a five-day or a seven-day meal ticket. There is no refund when a student misses meals from time to time or goes on college-sponsored tours. Prices for board are established with the expectation that a student normally misses meals on occasion. The cafeteria is closed during Thanksgiving, Christmas, and spring holidays.
January, after first week — 100% charge of total tuition
January, first week only — $150.00 plus 50% of total tuition
December — $150.00 plus 40% of total tuition
November — $150.00 plus 20% of total tuition
October — $150.00 plus 10% of total tuition
September — January Term Fee, $150.00

Tuition and Fees

Upon the month in which withdrawal occurs:
during the fall semester, refunds are subject to the following charges, based
for students not returning for spring semester who are in attendance
and during the fall semester, for tuition and fees, or for room and board.
No refund for students returning for spring semester who were in attend-

January Term

<table>
<thead>
<tr>
<th>100% charge</th>
<th>100% charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>After one week</td>
<td>After one week</td>
</tr>
<tr>
<td>80% of normal charge</td>
<td>80% of normal charge</td>
</tr>
<tr>
<td>60% of normal charge</td>
<td>60% of normal charge</td>
</tr>
<tr>
<td>40% of normal charge</td>
<td>40% of normal charge</td>
</tr>
<tr>
<td>$20.00</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

Room and Board

Residence between four and five weeks
Residence between three and four weeks
Residence between two and three weeks
Minimum dormitory rental charge

Tuition and Fees

After the first week:

<table>
<thead>
<tr>
<th>100% charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>After one week</td>
</tr>
<tr>
<td>80% of normal charge</td>
</tr>
<tr>
<td>60% of normal charge</td>
</tr>
<tr>
<td>40% of normal charge</td>
</tr>
</tbody>
</table>

| $225.00 |
| $100.00 |

Pall mall

Refunds

Refunds

Student tickets are available for $4.90.

Financial Information
Room and Board

Room — minimum charge of $40.00

Meals — Based on the elapsed portion of the month in which a student withdraws. The day of withdrawal is counted as one full day.

Summer School

Tuition

Registration without attendance — minimum charge is $10.00

Attendance 1-3 days — Fees, plus 25% of tuition

Attendance 4-5 class days — Fees, plus 50% of tuition

Attendance 6-7 class days — Fees, plus 75% of tuition

Attendance 8-10 class days — Fees, plus 100% of tuition

Room

Attendance 1-3 class days — 25% of room rent

Attendance 4-5 class days — 50% of room rent

Attendance 6-7 class days — 75% of room rent

Attendance 8-10 class days — 100% of room rent

Board

The charge for meals is based on the elapsed portion of the month in which a student withdraws. The day of withdrawal is counted as one full day.

Application For Refund

In order to secure a refund, the student must make official withdrawal at the time he is leaving school. Proper forms for withdrawal may be obtained from the Registrar’s Office. Refunds are not made until the Registrar’s Office gives the Business Office an official notice of withdrawal. Refunds are effective the date the student files his withdrawal forms with the Registrar’s Office.

The minimum charge for any day student withdrawing from school is $10.00 regardless of whether the student has attended classes. Minimum charge for withdrawing from Evening School is $5.00.

The charge for meals is based on the elapsed portion of the month in which a student withdraws. The day of withdrawal is counted as one full day.

All refunds due a student are forfeited unless called for on or before June 30 of the college year for which such refunds are made. Should June 30 fall on Sunday or on a day when the Business Office is not open, the refund is obtainable on the next business day.
Student loans must meet Federal guidelines. Repayment need not begin until nine months after student is no longer enrolled. Each academic year, subject to availability of funds. To qualify: a $1000 student loan may be borrowed up to $2,700 for a maximum of four years. Student loans — Long Term

Student Loans

National Direct Student Loans

Federal Perkins Loans do not require a cosigner if the student is 18 or older. Federal Direct Loans exceed $7,000 requiring a cosigner, regardless of whether the student is 18 or older. National Direct Student Loans and All college loans exceeding $7,000 exceeding require a cosigner, regardless of

Student Loans — Short Term

With the Vice President for Student Affairs, able persons who are interested in on-campus employment should communicate with the Director of Financial Aid.

In addition to campus employment, there are many off-campus jobs available. Communication with the Director of Financial Aid, the Work-Study Program, persons interested in campus employment should communicate with the Music Department, maintenance personnel, library assistants, laborers, college assistants, janitorial aides, security, cafeteria workers, building maintenance workers, and campus staff. Persons interested in these positions should contact the Director of Financial Aid.

Numerous jobs are available for both men and women students. Campus jobs are available for both men and women students. Campus jobs include the following: security, sidewalk labor, maintenance, and various other positions. The Director of Financial Aid should be contacted to assist in obtaining part-time employment.

Part-Time Employment and Work-Study

Scholarships should be addressed to the Director of Financial Aid. All correspondence regarding on-campus employment, loans, grants, or other financial aid should be directed to the Director of Financial Aid. The Director of Financial Aid will provide information to students who apply for financial aid.

Preference will be given to students who have the highest grades, but financial need will also be considered. Students who have financial need should apply. The Director of Financial Aid will assist students in determining eligibility for financial aid.

Making Application for Financial Aid

EMPLOYMENT AND FINANCIAL AID

Financial Information
months after the student leaves college. Interest, which is 3 per cent per year, begins at the time the repayment period starts. In certain cases, part or all of the loan principal and interest may be cancelled.

**Federally Insured Loans.** The Federally Insured Loan program is a program whereby loans are made by lending agencies in certain states, with the loan guaranteed by the federal government. Students may apply for this loan if they are making satisfactory progress toward graduation or are admitted to college. The student may qualify for up to $2,500 if the financial aid being received by the student does not exceed school expenses. Repayment begins nine months after the student ceases to be at least a half-time student and is made to the lending agency which made the loan.

**Ministerial and Mission Volunteer loans.** These loans are available for students preparing to become Southern Baptist ministers and missionaries and may provide as much as 60 per cent of tuition. In addition, the undergraduate wife of a Southern Baptist minister is given a 25% tuition grant, and unmarried children a 20% tuition grant. (A wife of an enrolled minister may receive a 60% tuition grant for the number of semester hours in which her husband is enrolled.)

If funds received from the Convention are not adequate to lend the maximum amounts, the amount of each loan may be decreased accordingly.

**Requirements:**

1. The recipient must meet the College entrance requirements, must not hold a bachelor’s degree, and must not be on probation.
2. The recipient must not use tobacco and must be deserving.
3. If the recipient is a minister, he must have been licensed or ordained before the beginning of the semester or term for which the loan is made.
4. If the recipient is a minister or mission volunteer, he must take at least a minor in Bible or Religion.
5. If the recipient is a minister, he must attend monthly meetings of the Ministerial Association unless excused by the faculty sponsor.

**Tuition Plan.** Parents or guardians may finance their students’ education by making monthly payments to The Tuition Plan, Incorporated. The payment plan varies according to the number of years the student will require to finish college. Additional information and application forms may be secured from the Director of Financial Aid.
6% per annum from the date of the loan.

By members of the Elginion family, is available to all students. Interest is

per annum.

J. W. C. Fondation formmisssioned students. Interest is 4% per

college work. Interest is 6% per annum. From the date of the loan.

Wm. T. B. M. is the purpose is to assist worthy young ladies in the junior

months to pay off the loan.

interest at 6% per annum begins. After payments begin, the student has 36

cases to be a full-time student at Grand Canyon College. At this same time

$2300 per semester. The loan may be repaid starting four months after he

with at least a "C" average in their work. The student may borrow up to

less than a "C" average each semester while attending Grand Canyon College.

Wm. T. B. M. and Mrs. D. A. G. is for junior or senior misssioned students

and

is made available by Mr. and Mrs. D. A. G. is for junior or senior misssioned students

Overill-Brouse Memoria Student Loan Fund. This fund, made available by Mr. and

Interest is 3% per annum from the date of the loan.

of which Womans Active Return to Education (AWAIE).

campus chapter

MVARE Loan Fund. The applicant must be enrolled in a minimum of

AWAIE Loan Fund. The loan must be made to a member of the campus chapter.

3 hours in day or evening school and regularly attending classes.

from the date of the loan.

for loans to be made to missioned students in need. Interest is 6% per annum

Grand Canyon College.

is 6% per annum. After the borrower ceases to be a full-time student, it is

is restricted to freshman men or women with grade averages of "C" or above.

MVARE Loan Fund. This fund, made available by Mr. and Mrs. D. A.

18 years of age.

Numerous loan funds administered by the college are available. A student

(Continued...)

Financial Information
First Baptist Church, Ajo, Arizona, Student Loan Fund. This fund is available for students who have completed one year of training at Grand Canyon College and who are preparing for full-time Christian service. The loan may be repaid starting one year after the loan is made. The first year of the loan is interest free. After the first year the note will bear 6% interest per annum.

Bessie Fleming Student Loan Fund. This fund, provided by Dr. and Mrs. William Fleming, is available to all students. Interest is 6% per annum from the date of the loan.

Barbara Sandra Getz Memorial Loan Fund. This fund, provided by Mr. and Mrs. Charles Getz, is available to worthy and needy students who have demonstrated proficiency and seriousness of purpose. Interest is 6% per annum from the date of the loan.

Navajo Loan Fund. Mr. Leo Berndt provided this fund for the education of worthy Navajo Indians or other students when it is not needed for Navajo students. Interest is 5% per annum from the date of the loan.

Murray B. Parsons Student Loan Fund. This loan fund was made available through the estate of Murray B. Parsons. The loan is available to worthy and needy students who have demonstrated proficiency and seriousness of purpose. Interest is 6% per annum from the date of the loan.

Student Loan Fund. A small revolving fund made available by members of the faculty for emergency needs is open to any approved student for a maximum of $25.00. No interest is charged if the loan is paid by maturity.

L. B. and Mabel Vaughn Student Loan Fund. This fund was established by Mr. and Mrs. L. B. Vaughn to make funds available for worthy students or for prospective students of Grand Canyon College. Interest is 3% per annum from the date of the loan.

Wiley and Mary Trust Loan Fund. This fund, made available by Mrs. Vernon Miller Burrow in memory of Wiley Newton Kelly and Mary Jane Lancaster Kelly, parents of the donor, is available to any student in need of a loan. There is a $0.25 service fee for this loan. The amount of the loan cannot exceed $25.00.

SCHOLARSHIPS AND TUITION GRANTS

1. Scholarships and grants are available for the regular school year, but not for the summer terms.

2. Grade average requirements for all scholarships and grants are administered by the Scholarships Committee.
participate in musical performances at the discretion of the College.

Music: Music scholarships, ranging from 30% to 100% of tuition, are available.

Special Abilities: A limited number of basketball, baseball, golf, and tennis schol-

The stipend is $20,000 per semester.

work. A student must be at least a junior and be majoring in a major of the department in which he or she was a teaching assistant. In all cases, nominations are made by the chairman of the depart-

Department Fellows

College students: They apply to transfer students as well as Grand Canyon

in other respects are acceptable; provided a "B" average is maintained and provided the students record

scholarships are renewable for the full four years of

under certain circumstances, be given special consideration.

College except that a freshman admitted from the third quartile may

3. Students on probation are not granted scholarships or grants from the

Financial Information
Art, Drama, Speech. Special talent scholarships amounting to 40% of total tuition are offered to qualified students. Recipients are expected to use their abilities in projects sponsored by the College.

ENDOWED SCHOLARSHIPS

The Betty Wallace Beamer Memorial Fund was established by Mr. and Mrs. Edward D. Wallace. Earnings from the investments are awarded to a sophomore or upper division student who has demonstrated good scholarship and citizenship and has a concentration in humanities with a major interest in art.

The Henry and Dollie Brice Memorial Scholarship Fund was made available by Mr. and Mrs. Guy Stoker of Snyder, Texas, in memory of Mrs. Stoker's parents. The scholarship, administered by the Scholarships Committee, is awarded on the basis of student need and eligibility.

Vera Butler Scholarships. This endowed scholarship fund has been established by gifts honoring Dr. Vera Butler, former professor at Grand Canyon College. Earnings from investments are awarded to women elementary education majors entering their senior year at Grand Canyon College who have demonstrated good scholarship and excellent character and citizenship and who show promise of doing effective teaching in the elementary grades.

The Lowell B. Parker Scholarship Fund. This scholarship fund was initiated by Mrs. Joyce Parker, honoring her husband on their 25th wedding anniversary. The fund is a permanent endowment scholarship for the benefit of ministerial students. Earnings from the endowment serve as a living gift that continues to multiply in the lives of others for time and eternity.

Helen Youngs Memorial Fund. The income from an endowment provided by relatives and friends of Helen Youngs is available to a woman student. The amount is now approximately $30.00 per semester and is awarded by the Scholarships Committee.

Ilene Phillips Memorial Fund. The income from an endowment provided by the family and friends of Ilene Phillips is available to assist students with their educational expenses.

The James E. Carroll Chair of Evangelism in the Center for Biblical Studies has been endowed with funds given in memory of the late Rever-
The Memorial Endowment Fund contains several separate memorial funds.

THE MEMORIAL ENDOWMENT FUND

Appeals for funds should be mailed to the address indicated thereon.

School counselors of the financial aid officers of the College. The com-

Basis Educational Opportunity Grant. A financial program financed by the

Further information may be obtained from the Director of Financial Aid.

Supplemental Educational Opportunity Grant. These government grants are

Grants in the amount of $200 ($0 with the exception of $100 each semester) are awarded

Opdyke Grant. The Opdyke Fund is designated for the education of

Chairman of the Indian Student Tuition Grant. Awards are given to Indian students who qualify for

Potential up to 40 percent of tuition to qualified students, based on their need and

President, the President of the College awards grants covering

8. Assistant Professor, 60%.
7. School Ph.D., 60%
6. Business Manager of the President, 90%.
5. Assistant Dean of Operations, 90%.
4. Director of the President, 90%.
3. Business Manager of the President, 90%.
2. Assistant Dean of Operations, 90%.
1. President of the President, 60%.

Awards are made for work on college publications:

Publications Grants. Eights grants for full or partial payment of tuition are

Financial Information
Fred R. and Dorothy G. Barnes
Claude R. Boydston
R. D. Cook
William A. Barclay
Jenna C. Bellah
Tom S. Kent
J. D. Marler
Otis W. May
Rev. George Williams
Alice Graham
Rev. J. Frank Potts
Albert Johnson
Carolyn Richardson
Alumni Association Endowment Fund
Sam Scott
Mary Lee
Honor Deacon Memorial Endowment Fund
C. F. Bickers
III. Student Life
God and all mankind.

Sitting, seeking, finding, serving
This our People divine;
So to God our hopes aspire.
Higher praise to you,
Set amidst the desert's glory.
Alma Mater true

Hail to thee, Grand Canyon College.

Alma Mater summarizes the attitude and spirit of Grand Canyon College. These words reflect the importance of the human predicament. The words of the

students and faculty members alike express satisfaction as

honors,
ness, and unity of fellowship which can best be described as a family reli-

create a wholesome climate on campus and has maintained warmth, close-

campus landscape. This cooperative endeavor has

the parking areas, and campus landscape. This cooperative endeavor has

the main administration and the bookstore and parking the library,

in building such facilities as the Gymnasium-electric, the student center,

students, faculty, and staff members have spent countless man hours

needs of mankind.

exhibited a high sense of purpose and an exemplary dedication to serving the

exhibit a high sense of purpose and an exemplary dedication to serving the

lege in a viable academic climate. The result has been that students have

lege in a viable academic climate. The result has been that students have

the mission of the college to establish and maintain a harmonious

the mission of the college to establish and maintain a harmonious

experiences in a Christian context.

providing students with an opportunity to enjoy balanced and fulfilling

Christian liberal arts college, it acknowledges a special responsibility in

Christian liberal arts college, it acknowledges a special responsibility in

ion in the liberal arts and sciences for gifted students regardless of national

ion in the liberal arts and sciences for gifted students regardless of national

The mission of Grand Canyon College is to provide an excellent educa-

A STATEMENT OF PRINCIPLES

STUDENT LIFE
In anticipation of a continuing commitment to the general purpose and specific objectives of Grand Canyon College as stated elsewhere in the catalog and to the spirit of the College which has prevailed since its founding, the student body, the faculty, the administration and staff, and the board of trustees affirm their dedication to fostering those activities which will aid in fulfilling the special responsibilities and commitments of Grand Canyon College and further pledge themselves to discourage and, if necessary, prohibit activities which might interfere with the fulfillment of the ideals and programs of the College.

CONDUCT

Grand Canyon College attempts to create an atmosphere conducive to the purposes of a liberal arts education in the Christian tradition. All students who enroll in the College are expected to accept the responsibilities of campus citizenship and to show consideration and respect for the personal freedom and property rights of members of the civic community and the academic community. Students are expected to give primary attention to their college work and to all classes, exercises, and engagements which require their attendance. While some students may not have personal convictions in accord with the College's policies, a person's enrollment at Grand Canyon College assumes that he accepts responsibility for honorable adherence to these standards, both on and off campus, while a student at the College.

Any meeting or other activity provided by students in the name of the College or any department or student organization of the College must have the approval of the Vice President for Student Affairs.

The administration and faculty must approve any new club or society which is organized. They reserve the right to limit or disband any student organization.

Extracurricular activities which take students away from classes must first be approved by the Vice President for Academic Affairs.

No property belonging to the College or to other students may be altered or removed without special permission. Any loss, damage, or breakage of school property will be charged to the student responsible for it.

Students are not permitted to have firearms of any nature in their possession on the campus. This applies to non-resident as well as resident students.
Year. Continuous emphasis upon Christian Growth is maintained. A spiritual Emphasis Week or Religion Focus Week is conducted each

Instruction both on the campus and in the community. Various organizations provide opportunities for religious service and par-

Phallics and to participate regularly.
Future be upheld. Students are encouraged to join local church of their own

aspires, it is in accord with the policy of the College that the value of Christian

groups in classroom discussions, and in every relationship where the occasion

but also upon the development of moral and religious values. In chapter pro-

Emphasis is placed not only upon the training of the body and the mind.

RELIGIOUS LIFE

may be subject to disciplinary action.

A student who secretly marries while enrolled in Grand Canyon College

Affairs of the Dean of Women.

college career is expected to consult with the Vice President for Student

preparation is necessary. A student contemplating marriage during his

can be held the college believes that an adequate period of pre-marital

marriage and family living. In order that a proper foundation for marriage

The College stresses a Christian approach to all areas of life, including

MARRIAGES

suspension, or final dismissal.

Such action may take the form of a warning, restriction of certain privileges,

or comply with its regulations, the College may take disciplinary action

When a student does not meet the College's General standards of behavior

The use of profanity and vulgarity are forbidden.

The smoking is discouraged and is not permitted on the campus except in

Campus is subject to dismissal.

Every student who violates these standards either on or off

campus, is subject to dismissal.

Camelin the drinking of or possession of intoxicating beverages, the use

Student Life
CHAPEL ATTENDANCE

All students taking nine or more semester hours are required to attend chapel. (See pages 39 to 41 for statements concerning adherence to the policies of the College.)

ABSENCES FROM CAMPUS AND CITY

The Dean of Women or the Vice President for Student Affairs may restrict absences from the campus and city on the part of students whose scholastic standing is in question. Absences of residents in the dormitories are further governed by dormitory regulations. (See p. 69 for statement concerning absence from classes.)

ELIGIBILITY FOR ACTIVITIES

Any student may participate in extracurricular activities provided by the College except as restricted by regulations established for campus organizations and intercollegiate activities. A student who is on the most recent unsatisfactory grade list, however, must secure from the sponsor of a given activity permission to participate.

Any student entering or reentering provisionally or as a special student is ineligible to hold office in any student organization until his special or provisional status is removed.

ORGANIZATIONS

Custody of Organization Funds

All student organizations are required to deposit their funds with the College Business Manager. The College disburses funds when requested by the sponsor and the president or treasurer of the organization.

Student Government

The membership of the Associated Students of Grand Canyon College includes all students registered for nine or more semester hours for the current semester. The ASGCC elects six officers and each class elects three senators. These officers and representatives comprise the Student Council. General meetings of the ASGCC are held in addition to weekly meetings of the Senate.
Modern Language Club is open to persons interested in the languages and board students.

Another purpose is to provide inspiration and fellowship among the key.

The Keyboard Club, made up of piano or organ students, is for the p-

is open to all interested students.

study of world-wide social, economic, and political problems. Membership

bears International Relations and a sense of citizenship, and to stimulate

International Relations Club aims to promote better race relations at home,

The Forensics Club endeavors to encourage student participation in all
disciplines and the challenges of business.

The Student Life.
Music Educators National Conference (Grand Canyon College Chapter) provides opportunity for professional development for college students of music education. Students participate in State, Division, and National meetings and in local activities of the chapter.

Organ Guild (Grand Canyon College Chapter) provides opportunity for students of organ to learn of the aims and purposes of the American Guild of Organists. It becomes a laboratory for youth to be better prepared to assist in advancing the cause of worthy religious music. All who study organ are eligible for membership.

Physical Education Majors Club fosters progress in health education, physical education and recreation education. It seeks to advance the standards of the profession by cooperating with the State and National Education Association and participating in affairs of the American Association for Health, Physical Education, and Recreation. Membership is open to all physical education majors and to elementary education majors with physical education as a first minor.

Pierian Club is a literary and social club attracting students interested in dramatics and literature. Membership is open to all students majoring or minoring in English.

Student National Education Association is a nationally affiliated organization for all students who plan to enter the teaching profession.

Women's Recreation Association seeks to provide a varied program of physical and social activities for all women students.

Service and Honorary Organizations

Alpha Psi Omega is a national honorary dramatic fraternity whose purpose is to recognize and reward all phases of student participation in college play production.

Iota Phi is a scholastic and service honorary society for freshman women.

Sigma Sigma Phi is an honor society which gives recognition to women members of the senior class for outstanding scholarship, service, and leadership.

Alpha Chi is an honorary scholarship and service fraternity for men and women, designed to promote excellence in academic, campus, and civic affairs. Juniors and Seniors in the top 10% of their classes may qualify for membership on the basis of their academic records, character, and participation in College affairs.
Hours are considered for those honors and the Dean’s List are published. Students carrying 12 or more semester hours at the close of each semester, the freshman and sophomore Honor Rolls Honor Roll are eligible.

The requirements for graduation with honors are stated on pages 44 and 64.

Graduation with Honors

Point average of 3.80 to be eligible.

Grand Canyon College Graduating seniors must have a cumulative grade point average of 3.80 to be eligible.

This recognition represents the highest scholarship honor awarded by Grand Canyon College.

Kay-Warden Scholars

On appropriate occasions recognition of regional or national awards for excellence in academic, forensic, literary, or cultural affairs are recognized.

Who's Who in American Colleges and Universities

Whose Who in American Colleges and Universities is a listing of the current year in Who's Who in American Colleges and Universities, students on the Honor Roll and Dean's List, Department, students in one of the following categories: Kay-Warden Scholars who are students in one of the following categories: Kay-Warden Scholars in academic, business or in student leadership. Ordinarily included in the academic directory or in student leadership. Ordinarily included in the academic directory or in student leadership.

Honors Day

Each year a day is designated for a special assembly and other appropriate activities to recognize the achievements of students who have won distinction.

Honors and Special Recognitions

better service in companionship with their husbands.

members to study the Bible, to establish Christian homes, and to prepare for

Vows of Christian Women consists of the vows of students preparing for

the parsonage.

College to become a confessional home for young men who are preparing for

Ministerial Association meets once each month for the purpose of discussion

Religious activities of the school

than churches, elects a council which correlates and gives assistance to all the

Christian Service Council, made up of all students who are active in youth

Religious Organizations

munity improvement program of the Parent Group.

Cyclone K club is a Junior Kiwanis service club sponsored by the Campus-Student Life
Freshman students whose grade point average is 3.00 or above qualify for the Freshman Honor Roll.

Sophomore students whose grade point average is 3.25 or above qualify for the Sophomore Honor Roll.

Students whose grade point average is 3.50 or above qualify for the Dean's List.

Special audit privileges for honor students are described on page 65.

*Who's Who Among Students in American Universities and Colleges*

This honor recognizes each year a select group of students with outstanding records of campus activities, citizenship, scholarship, and promise of future success and usefulness in society.

*Baptist Book Store Award*

The Baptist Book Store of Phoenix awards annually ten dollars' worth of books to the ministerial student in the senior class who makes the highest academic average and who is recommended by the faculty for the award.

*The Pierian Award*

The Pierian Club awards, each spring semester, an appropriate gift to the junior or senior English major who has the highest scholastic average for the year. A minimum of a "B" average must be attained by the recipient.

*Wall Street Journal Award*

The Wall Street Journal Award is given annually to an outstanding business student recommended by the Business Department and approved by the faculty. The award includes an inscribed medallion and a one-year subscription to the *Wall Street Journal*.

**STUDENT PUBLICATIONS**

*The Antelope*, the student handbook published by the Student Council, makes available detailed information concerning rules and procedures for approved student activities.
In physics, chemistry, and the sciences, opportunities for research and study are available. Opportunities for drama, radio, and speech participation are available.

**Drama, Radio, and Speech Activities**

The football, softball, ping pong, etc. fields include activities such as volleyball, tennis, badminton, basketball.

During the regular academic year, a program of intramural sports is pro-

**Interuniversity Athletics**

and Nogales, days Chiricahua Mountains, open pit mines at Bisbee, Sonoita Desert Museum, Hill Camp, and other sites made famous by the Apache Gold Rush. Tucson, Transcontinental Monument, Tumacacori, with its famous Door.

The spring tour takes the student southward to Casa Grande Ruins, Old San Francisco Peaks, and the Grand Canyon.

**Educational Tours**

A three-day educational tour, which students may take at moderate cost.

**Activities**

Activities conducted by the students of the college.
Grand Canyon College

Musical Programs

The Oratorio Society is open to all students without audition. It presents public performances of major choral works.

The Choralaires are selected after audition and constitute the choir which travels widely presenting choral music in concert form.

Quartets, trios, and ensembles provide further opportunities for students to develop musical abilities. Opera workshops offer possibilities for developing the individual voice.

The Wind Ensemble and Orchestra present concerts and provide musical entertainment for the campus at various times and add spirit to such events as rallies, home ball games, etc.

PHYSICAL EDUCATION

A physical education program is correlated with the health program of the College. Four semester hours of credit in physical education activity are required of all students.

The physical education activity courses should be taken during the freshman and sophomore years. Transfer students and others who have postponed such training must take it before graduation.

Intercollegiate Athletics

Grand Canyon College believes in training the body as well as the mind and soul. Perhaps nothing encourages an interest in physical exercise more than college athletics. While it usually happens that those who are on the team are already developed and, therefore, do not need the intercollegiate contests for their own physical growth, most of them were originally aroused to an interest in the development of their bodies either by participating in games or by watching the games of others.

In order to be assured that the collegiate teams will be a credit to their institution and that it will be a compliment to a student to be a member of a team, the College has adopted the following rules:

1. Only students of this institution carrying 12 or more semester hours of work shall be allowed to participate in its intercollegiate or interscholastic contests. (See page 42 for eligibility rule.)
Light lunches and refreshments are also available in the Student Center.

Giving Christmas and spring holidays:

Dine meals on an individual basis. The cafeteria is closed during the Thanks-
domitories are required to eat their meals in the cafeteria. Other persons may
The College cafeteria provides well-balanced meals. All residents of the

Food Service

The minimum course load for a dormitory resident is stated on page 65.

and away from their parents.

The administration reserves the right to make such regulations as may seem

The cafeteria except during a recess when the cafeteria is closed.

All students residing in the dormitories must eat their meals in the College

26 for (cost)

permits to stay in the dormitories when school is not in session. See page

The dormitories are normally closed during the Christmas holidays and

change his place of residence.

sometimes the interests of the individual himself, may demand that he

Room assignments are made in the order of the date of application and

in the dormitory and throughout the rights of others.

Council representing the hall a student is expected to be quiet and orderly

The dormitories offer attractive and comfortable housing and are supervised

who live with their parents, guardians, or close relations.

unmarried students under 21 years of age who carry 12 hours or more

Housing

STUDENT SERVICES

Approve all contracts of orders involving money.

and all checks shall be signed by the Business Manager. The Presiend shall

3. All funds shall pass through the books of the College Business Office

4. A member of the faculty shall accompany all teams when they are away

49
Health Service and Health Records

The College retains the services of a physician on a part-time basis. He is assisted by a graduate nurse employed by the College, who also maintains files on student health certificates and records.

All students entering the College must have a medical doctor complete the Grand Canyon College Health Certificate and return it to the College.

Any student may be required to receive medical examination at such times and in such manner as the College may deem necessary.

All appointments with the College Physician must be made through the College Nurse. A student who wishes to retain a physician other than the College Physician is at liberty to do so. Every student is personally responsible for all his medical costs except for consultation during the regular campus hours of the College Physician.

An athlete must be approved by the College Physician before being permitted to participate in major sports. Examinations will be repeated periodically during the time of such participation.

A student with acute contagious illness is not permitted to remain on the campus. Other accommodations for him must be provided at his expense.

A person who has been required to withdraw from school for medical reasons is required to furnish a satisfactory health certificate before being permitted to enter or re-enter.

Any student who withdraws from the College for a period of one year or longer must have a statement from his medical doctor regarding his health if his health record is still on file in the Health Center at Grand Canyon College. If the record is not on file, a new one must be submitted.

A student whose study at Grand Canyon College is interrupted for a period of less than one year is not required to supply additional health data.

Medical and hospitalization insurance is available at a cost of approximately $25.00 per semester. All students living in the dormitories must have hospitalization insurance and commuting students are encouraged to have it. (See page 26.)
Guidance

Educational and vocational guidance services are provided without special fee to all students.

Educational and vocational tests are available to students for a fee of $5.00. This service includes a vocational inventory, special aptitude tests, and general psychological examinations.

Counseling

The counseling program, rather than being a vocational guidance program, is designed to promote life adjustment and to increase the student's receptivity to the total college experience. This program is under the supervision of a special committee on counseling and includes all students. Members of the faculty and staff serve as counselors and advisors.

Teacher Placement

A teacher placement bureau is maintained by the College for persons who have completed their work at Grand Canyon College. A follow-up program covering a period of five years has also been designed for the benefit of the institution and its former students. There is an initial placement application fee of $15.00 for this service.
TRADITIONAL EVENTS

All-School Welcome Party
Reception For New Students and Faculty
All-School Picnic
Parents’ Weekend
State B.S.U. Convention
Harvest Festival
Founders Day
Tour to Grand Canyon
Spiritual Emphasis Week or Religious Focus Week
Thanksgiving Breakfast
Friends of the Library Book Reviews
Dramatic Presentations
High School Round-Up
Hanging of the Greens
Needy Children’s Christmas Party
Christmas Party for International Students
Choralaires’ Christmas Concert
Oratorio Society Performance
Homecoming
Spring Banquet
Honors Day
Southern Arizona Tour
Baptist Youth Day
Choralaires’ Tour
Choralaires’ Spring Concert
State B.S.U. Spring Retreat
Varsity Dinner
Junior-Senior Banquet
Senior Class Day
lV. Admission Policies and Procedures

International Students
Transfer Students
Readmission
Entrance Examinations
Requirements Preliminary to Admission
Advanced Placement
Early Admission to College
High School Units Required
Academic Eligibility for Admission
General Requirements for Admission
Any student admitted under special conditions may be required to
modify his program of studies to include special courses.

Over 16 years of age may also be accepted in this manner.

Upon the basis of the GET and other admission tests. Other applicants
may apply for classification as regular students and continue their studies.

A veteran who is not a high school graduate and who gives evidence of
earning toward meeting graduation requirements
some other applicants are accepted as special students and are given
special requirements.

Other students who rank in the upper quartile may apply for admission
without condition.

A graduate of an accredited high school who ranks in the upper half
of his graduating class, or who has a composite ACT standard score of 20
may apply for admission.

ACADEMIC ELIGIBILITY FOR ADMISSION

Failure to comply may result in dismissal or loss of credit
record of any previous enrollment in any other institution of higher education.
Any applicant is not permitted to disregard the
an acceptable transcript. An applicant is not permitted to disregard this
statement from another institution of higher learning, unless furnished
An applicant must furnish satisfactory evidence of good moral character
regardless of religious beliefs.

The College is educational, interreligious, and open to qualified applicants

GENERAL REQUIREMENTS FOR ADMISSION

ADMISSION POLICIES AND PROCEDURES
HIGH SCHOOL UNITS NEEDED

For regular admission to the freshman class a student should present the following units:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (one unit of algebra)</td>
<td>2</td>
</tr>
<tr>
<td>Social Studies (one in American history)</td>
<td>2</td>
</tr>
<tr>
<td>Science (one laboratory course)</td>
<td>2</td>
</tr>
<tr>
<td>Others</td>
<td>6</td>
</tr>
</tbody>
</table>

EARLY ADMISSION TO COLLEGE

A high school student with an exceptional academic record may attend Grand Canyon College during the summer session preceding his senior year, upon recommendation of his high school counselor. Credit earned during this summer session may then be validated if the student enrolls at Grand Canyon College for the summer or fall term following graduation from high school, provided the summer courses are not counted toward fulfilling high school requirements.

ADVANCED PLACEMENT

Recent high school graduates. High school students who score 4 or 5 on the advanced placement tests of the Educational Testing Service are given credit for appropriate college courses. Students who score 3 may be given advanced placement and/or credit, subject to the approval of the department and of the Vice President for Academic Affairs. Students who score 1 or 2 on the advanced placement tests are considered individually by the departments concerned and the Vice President for Academic Affairs.

Adults returning to College. Grand Canyon College accepts for college credit both General and the Subject Matter Examinations of the College Level Examination Program (CLEP), provided satisfactory scores are attained.

Scores of 500 or better on the General Examination will entitle the student, upon registration at the College, to six hours of credit in each of the five General Examinations: (1) English Composition, (2) Humanities, (3) Mathematics, (4) Natural Sciences, (5) Social Sciences-History.
Canyon College

1. Have a high school transcript sent to the Registrar's office at Grand Canyon College.

2. Take the American College Testing (ACT) at the earliest possible examination date.

3. Submit to the Registrar an application form together with an application fee of $15.

4. When the above credentials are on file, the applicant will be notified.

REQUIREMENTS PRELIMINARY TO ADMISSION

Dear for Academic Affairs,

Those interested should secure further information from the Vice President, Business Office.

Admission Policies and Procedures
5. A final high school transcript must be submitted after the student's graduation. This transcript must state the date of graduation and the student's final numerical rank in class.

6. A health record and report, including X-ray data, must be submitted.

7. Final dormitory room assignments will not be made until all credentials, including health record, chest X-ray, personal recommendations, and photographs, are on file.

**ENTRANCE EXAMINATIONS**

All beginning freshmen are required to have American College Test (ACT) scores on file with the College prior to their acceptance as students. See Paragraph 2 above.

Prospective students should consult the academic calendar (pages 6 and 7) for the dates of placement tests and other special examinations administered by Grand Canyon College.

International students are referred to page 60.

**READMISSION**

A student who has not maintained continuous attendance (except for summer terms) in Grand Canyon College is required to apply for readmission on a form provided by the Registrar's office. Transcripts of all additional work attempted in other institutions must be filed before readmission can be approved. (See page 75 for statement pertaining to choice of catalog.)

A student who has been out of Grand Canyon College for a period of one year or longer must submit a written statement from his medical doctor regarding his health if his health record is still on file in the Health Center at Grand Canyon College. If the record is not on file, a new one must be submitted.

A student whose study at Grand Canyon College is interrupted for a period of less than one year is not required to supply additional health data.

**TRANSFER STUDENTS**

A student transferring from another college must file all forms required under Requirements Preliminary to Admission (see page 57), with the exception of his high school transcript. If he has satisfactorily completed 12 hours in college, he need not file his ACT scores.
A student who has been asked to withdraw from another college because
of poor scholarship or for any other reason is considered for re-enrollment only
at a college work already attempted may be admitted provisionally. (See
pages 75 and 76.)

A limited number of transfer students who do not have a "C" average in
Armed Forces' Service is used in evaluating work submitted as a result of service in the
Armed Forces. A Grade in the Evaluation of Educational Experience in the Armed
Correspondence work are stated on page 70 of the catalog.

A maximum of 30 hours of extension and correspondence work, including
a maximum of 12 hours of extension and correspondence work, may be accepted for
credit in their course is lower than a "C" or in Evaluation, Quality points are
not transferable. A course completed in another institution with a grade
in the catalog.

A maximum of 64 hours of credit from a junior college is counted
at colleges and from universities if the work to be transferred is not of
Grand Canyon College accepts credits from other recognized liberal
arts colleges.

A transfer student who is eligible to be classified as a senior must also
pass the English Usage Test and must file an Application for Graduation.

Before enrolling, a student transferring from another college must have

Admission Policies and Procedures
the college from which the student was asked to withdraw reinstates him. During his first semester he may, upon recommendation of the Vice President for Academic Affairs or the Academic Affairs Committee, be required to withdraw if this appears to be in the best interest of the student and/or the College.

**DIRECT TRANSFER PLAN**

Grand Canyon College accepts the completion of the Associate in Arts Degree from most community colleges as fulfillment of the general studies requirement with the exception of six (6) hours in Bible.

The work of students who have completed less than an Associate in Arts Degree will be evaluated on the basis of individual courses taken.

One can transfer to Grand Canyon College without losing any earned credits. For further information one may contact the Vice-President for Academic Affairs, or the Director of Admissions of Grand Canyon College or the Counselor in his own college.

**INTERNATIONAL STUDENTS**

In cooperation with the National Association of Foreign Student Advisers, an International Student Adviser has been designated at Grand Canyon College. International students interested in enrolling should communicate with the Foreign Student Adviser, Grand Canyon College, 3300 W. Camelback Rd., Phoenix, Arizona 85017.

Before the application of a prospective international student can be considered, he must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL). Interested persons may communicate with Educational Testing Service, Princeton, New Jersey.

The person must also furnish evidence of financial ability to support himself while in college.

International students are required to carry medical and hospitalization insurance. Such insurance is available at moderate cost through the Business Office.
Honors Study Program

Special Courses by Independent Study
Correspondence and Extension Credit
Permission to Take Examinations Late
Absences from Campus and City

Class Attendance
Eligibility for Activities
Probation Status
Academic Probation
Academic Suspension
Repeating of Courses
Grade Requirements
Withdrawal from all Courses
Dropping of Courses
Change of Courses
Maximum Number of Hours in a Subject
Course Load
Academic Honors

Grading System and Quality Points
Order of Taking Courses
Classification of Students
Number of Course Definitions

V. General Academic Regulations
Auditors—those students who are enrolled in regular courses for no credit are not included in the above classification.

Special students—those students who are not working toward a degree and are not included in the above classification.

Graduated. A student is classified as a junior when he has 64 to 95 semester hours. A student is classified as a sophomore when he has 32 to 63 semester hours. A student is classified as a freshman until he has 32 semester hours.

Classification of Students

The final digit indicates the number of semester hours of credit given. Usually a freshman will not be permitted to take a course which bears a number higher than 299 and a sophomore or higher than 399.

Upper Division

Courses from 400 to 499 are senior courses.

Courses from 300 to 399 are junior courses.

Lower Division

Courses from 200 to 299 are sophomore courses.

Courses from 100 to 199 are freshman courses.

The courses in the different departments are numbered from 100 to 499.

Numeration of Courses

Canyon College is required for graduation. Each year one third of the credit for each 2 hour course taken at Canyon College is required. At the beginning of each semester, classes are scheduled in accordance with the scheduled schedule. Summer sessions composed of two sessions of five weeks each, are open to all students. Each semester, classes are offered Tuesday and Thursday at 7:00 a.m. and 9:00 a.m. One semester hour normally requires the equivalent of one 50 minute contact hour. One semester hour is expressed in terms of semester hours of contact. Contact hours for each course are expressed in terms of semester hours of contact. Contact hours for each course are expressed in terms of semester hours of contact.

Definition of Semester Hour

General Academic Regulations
ORDER OF TAKING COURSES

A student normally is expected to take required courses at the earliest opportunity. A student classified as a senior is not permitted to take as an elective a freshman level course without permission from the Vice President for Academic Affairs.

GRADING SYSTEM AND QUALITY POINTS

<table>
<thead>
<tr>
<th>Grade</th>
<th>Meaning</th>
<th>Quality Points per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior; extraordinary scholarship; outstanding performance</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Far above average; unusually good work</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average; standard performance; acceptable college work</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing, but below standard</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure or unauthorized withdrawal</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete (see note below)</td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Authorized withdrawal; no credit</td>
<td>0</td>
</tr>
<tr>
<td>Cr*</td>
<td>Credit given, but no grade or quality points</td>
<td>0</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory completion of audit or non-credit course</td>
<td>0</td>
</tr>
<tr>
<td>U</td>
<td>Additional work needed to meet requirements in non-credit or non-grade course</td>
<td>0</td>
</tr>
</tbody>
</table>

*Not counted in computing grade point averages.

Note: Incomplete grades (I) are given only under seriously extenuating circumstances. The work must be completed within the next semester; otherwise the incomplete grade becomes "F." (Music majors are referred to p. 143.)

The grade point index is obtained by dividing the total number of quality points earned by the total number of semester hours attempted. Courses in which grades of W, Cr, S, or U were earned are not included in determining grade point averages.

ACADEMIC HONORS

Graduation with Honors

A student who has attended Grand Canyon College for at least two semesters in each of which he carried 12 hours or more and who has earned at least 60 hours in this institution may qualify for honors at graduation by maintaining one of the following indexes:
reduce his work schedule or his course load.

2. A student working 20 hours or more per week who does not show satisfactory progress at the end of the first grade period may be required to take more than 15 hours of college work.

I. A student who has employment other than school work should not
of students who find it necessary to earn part of all of their college expenses;
job. For this reason the following rules have been adopted for the protection
Carrying a normal course load in college is considered to be a full-time
permitted to take seven hours.

hour of Physical Education or Applied Music is taken, the student may be
hours is six semester hours. If one course is a four hour course, or if one
The maximum course load normally to be allowed during a summer
after, the recommended maximum number of hours for any student is 18.

No student may register for more than 17 hours except upon recommendation.

At the maximum may be reduced to 17 hours for a first semester freshman.

The maximum number of courses whose total is 17 hours with no feasible alternative,
semester in the case of exceptional students, or in the case of a particular
semester, including the first semester, one through his first
A freshman normally is not permitted to register for more than 16

by special consent of the Vice-President for Academic Affairs.

A student living on campus is expected to carry not fewer than 12

COURSE LOAD

45 and 46.
Other courses required for academic achievement are described on pages

Other Hours

An index of 3.80 to 4.00 may qualify for graduation with highest distinction.
An index of 3.60 to 3.79 may qualify for graduation with distinction.
An index of 3.40 to 3.59 may qualify for graduation with distinction.

General Academic Regulations
MAXIMUM NUMBER OF HOURS IN A SUBJECT

A regular student is not allowed to take more than 42 semester hours for credit in any one subject area without special permission from the Vice President for Academic Affairs.

UPPER DIVISION REQUIREMENT

For graduation, a student must earn a minimum of 45 semester hours of credit in upper division courses (300 or 400 level). In exceptional cases, students may petition the Academic Affairs Committee for special consideration.

CHANGE OF COURSES

After he has completed his registration a student is not permitted to make a change in his courses without the written consent of the professor or professors concerned and the Registrar or Vice President for Academic Affairs. The Business Office must also be informed of the change. Tuition may be refunded when changes are made upon the recommendation of the Vice President for Academic Affairs. (See the schedule of refunds beginning on page 27.)

A student is not permitted to enroll for a new course after the last date to enroll for credit as shown in the academic calendar.

DROPPING OF COURSES

A student is not permitted to drop a course after the last day for dropping (academic calendar, pages 6 and 7) without receiving a grade of "F," except for very unusual reasons which are evaluated by the Vice President for Academic Affairs.

A student who discontinues a course at any time without withdrawing officially from it is given a grade of "F" in the course.

Instructions and forms for the dropping of a course are obtainable at the Registrar's Office.

WITHDRAWAL FROM ALL COURSES

To withdraw officially from all courses a student must secure an official withdrawal form from the Registrar's Office and obtain all signatures
A student classified as a freshman for two or more semesters in Grand Canyon College who has a grade index of less than 1.50 at the end of the academic year is automatically suspended for one semester.

A student who does not have a grade index of 1.75 by the time he

Graduation is considered the grade of record as it pertains to credit toward graduation. The Vice President for Academic Affairs, the last

A student may be permitted to repeat a course in order to remedy an

A grade of "F" may be cancelled only by repeating the course.

REPEATING OF COURSES

Canyon College

Credit in his major is evaluated on the same basis as work taken at Grand Canyon College. A student's grade point average in his major, work taken

A candidate for a secondary teaching certificate must have a "C+" average in his teaching major.

Canyon College requires a student to have a "C+" average (2.0) in his major and, except on page 39,

The regulations concerning grades on college work taken elsewhere is given

must be upper division credit

A student must present a minimum of 128 semester hours

For graduation a student must present a minimum of 128 semester hours

results automatically in grades of "F". An unofficial withdrawal

indicated on the form a student who officially withdraws from the College at

ACADEMIC SUSPENSION
Affairs Committee. Normally, a junior's academic progress is considered unsatisfactory unless he has a cumulative grade index of at least 2.00 by the time he earns 95 semester hours of credit.

A person who has been suspended may make written application for reinstatement after the period of suspension has expired. A student subject to academic suspension for the second time is normally given final dismissal.

A person reinstated after an academic suspension is admitted provisionally. (See Provisional Status.)

ACADEMIC PROBATION

A student who is admitted from the third quartile of his high school graduating class and who does not have a composite ACT standard score of 20 or above is admitted on academic probation.

A student whose cumulative average on work attempted in Grand Canyon College drops below "C" is placed on academic probation.

Probationary status is removed when the student earns a cumulative average of "C" on all work attempted at Grand Canyon College.

A student on academic or disciplinary probation is not eligible for any grant or scholarship administered by the College, nor for an office in any student organization.

A student on probation is not classified as a senior scheduled for graduation. (See page 76.)

PROVISIONAL STATUS

A transfer student admitted with less than a "C" average, or a person reinstated after academic suspension, is admitted provisionally. A person thus admitted retains provisional status until he has earned a total of at least 12 hours in Grand Canyon College and has earned a cumulative grade point average of 2.00. If he does not have an average of 2.00 by the time he earns 12 hours, he is subject to dismissal.

A student who has provisional status is subject to all the restrictions named for probationary status. (See Academic Probation.)

A student with provisional status may be given final dismissal at any time if this appears to be in the best interest of the student and/or the College.
Office showing payment of the necessary fee (see page 24).

The instructor for his absence and must present a receipt from the business
examination which is missed. In all such cases the student must account to

Under certain conditions a student may be permitted to take a major

PERMISSION TO TAKE EXAMINATIONS LATE

restricted by policies of the residence halls concerned.

standing in question. Absence of residents in the dormitories are further

absences from the campus and city on the part of students whose scholastic

The Dean of Women or the Vice-President for Student Affairs may restrict

ABSENCES FROM CAMPUS AND CITY

in each semester: Students who register late are counted absent.

2. Class attendance records are effective as of the first day of class meet-

4. Regular and punctual attendance may be considered in assigning grades.

maneuver presented by the instructor.

must account to his instructor immediately after his return to class in the

absence, the student

After

entirely unavailing or authorized by the Vice President for Academic

will permit students to make up work and other work when the absence was

2. The student assumes responsibility for all absences. Instructors

end of the course.

of whatever the student has met the stated attendance requirements as the

the course syllabus which the attendance requirements are and is the judge

The instructor announces at the first session of each course and also states in

1. Students are expected to be regular and punctual in class attendance.

CLASS ATTENDANCE

any student with proper notification or provision of services is entitled to hold

Any sponsor of a given activity must give permission to participate.

unsatisfactory grade, the student who is on the honor roll because

college except as restricted by regulations established for campus activities by the

Any student may participate in extracurricular activities provided by the

ELIGIBILITY FOR ACTIVITIES

General Academic Regulations
CORRESPONDENCE AND EXTENSION CREDIT

A maximum of 30 hours of extension and correspondence work, including no more than 12 hours by correspondence, may be allowed for graduation.

Credit for seminary extension courses may be transferred to Grand Canyon College under certain conditions. A student planning eventual transfer of these courses should secure approval from the Chairman of the Department of Religion and the Vice President for Academic Affairs before he enrolls in a seminary extension course.

Credit for any correspondence work and for any extension work transferred from another institution must be recorded with the Registrar prior to enrollment in the final semester before graduation. Any such work done at any time by a student while enrolled in Grand Canyon College must have the prior written approval of the College.

SPECIAL COURSES BY INDEPENDENT STUDY

Certain course numbers have been reserved for courses to be taken by independent study which instructional departments of the College wish to approve. These fall into three categories:

1. **Independent Study.** Department numbers 491, 2, 3, 4. Research, seminar, or readings and conference on a special topic to be selected by the student and faculty adviser. May be taken for one, two, three, or four hours, depending upon the amount of time and work involved. May be repeated for up to four hours total credit. For upper division students with a grade point average of 3.00, with approval of the department chairman, instructor, and Vice President for Academic Affairs.

2. **Practicum.** Numbered 391, 2, 3, or 4 in each department, for one, two, three, or four hours of credit, the practicum is a supervised practical experience in the student’s major area of interest. The experience must be arranged with an agency, organization, or individual which must agree to provide an adviser to work with the faculty adviser in designing and evaluating the student’s experience. This course is for upper division students and may be taken any semester with approval of faculty adviser, department chairman, and Vice President for Academic Affairs.

3. **Reading and Conference.** Any course listed in the catalog may be taken by reading and conference with the instructor, with approval of the department chairman and the Vice President for Academic Affairs. The
The Honors Study Program is a unique opportunity for students to design a curriculum that aligns with their academic interests. The program offers a flexible approach to education, allowing students to tailor their coursework to meet their individual goals.

To be eligible for the Honors Study Program, students must meet the following criteria:

1. Be a junior or senior who has completed all of the General Studies requirements.
2. Have a minimum cumulative grade point average of 3.00 or above.
3. Be recommended for the program by the faculty advisor.

Once accepted into the program, students will work closely with their faculty advisor to develop a personalized course of study. This may include honors seminars, research projects, or other advanced coursework.

The Honors Study Program is designed to challenge students and provide them with opportunities to excel in their academic pursuits. Students will have the chance to engage in meaningful research, attend workshops, and participate in other educational activities that will enhance their learning experience.

Students interested in participating in the Honors Study Program should contact their faculty advisor for more information and to begin the application process.
V. Graduation Requirements

- Curriculum Requirements for Graduation
- General Requirements for Graduation
- Choice of Catalog
- Degrees Offered in Relation to Degrees
College. At least 45 hours must be upper division credit.

20.00, indicating an average of “C” on all work taken at Grand Canyon hours required for graduation is 128 with a minimum Grade Index of

Number of Hours and Grade Index. The total number of semester

GENERAL REQUIREMENTS FOR GRADUATION

- Bachelor of Science, Bachelor of Arts, Bachelor of General Studies.

The College offers curricula leading to the degrees of Bachelor of Arts,

DEGREES OFFERED

GRADUATION REQUIREMENTS
A student is not permitted to graduate at the end of a semester or term which he began with a grade index of less than 2.00.

Grade in Major. A student must also have a "C" average (2.00) in his major and, except for courses taken as part of General Studies, he is not permitted to count toward his major any course in which he made a grade below "C."

English Usage. Each student classified as a junior by the Registrar's Office must take tests provided by the English Department at the earliest opportunity. In case of failure, the student must retake the tests during the following semester. In case of a second failure, the student must enroll in a course prescribed by the English Department. This requirement includes transfer students and must be met before a student may be classified as a senior.

A transfer student who is an upperclassman must take this examination the first time it is offered after his enrollment and, in case of a failure, enroll in a course prescribed by the English Department.

Upon recommendation of two of his professors, a student may be required at any time to enroll in English 113.

Minimum Residence. Normally eight semesters of residence or the equivalent in an approved college are required for graduation. Of this, at least 24 semester hours, including the 12 semester hours immediately preceding graduation, must be taken at Grand Canyon College.

A student is required to take in residence at Grand Canyon College at least six upper division semester hours in his major subject and three upper division semester hours in his minor.

Graduation With Honors. The requirements for graduation with honors are stated on pages 64 and 65.

Correspondence and Extension Credit. Record of all correspondence and extension work transferred from another institution must be filed with the Vice President for Academic Affairs and Registrar prior to enrollment in the final semester before graduation. (See page 70 for additional information concerning correspondence and extension credit.)

Minimum Amount of Language Allowed. No credit toward graduation is given for less than a year of language taken in college unless the student has taken at least two high school units in the same language.
their influence and potential in today's world.

In keeping with our own sense of human endeavor and achievement, and
in awareness of the significance of various areas of knowledge to the student,
the core curriculum is primarily concerned with developing
wide and build carefully the specialized program of studies most appro-
Kinds of learning experiences which will enable each student to choose
General Studies seek to provide, during the first college years, the
secure personal life.

The General Studies portion of the curriculum at Grand Canyon College

Elective Courses

(2) Major and Minor Subjects

The completion of the required 128 semester hours usually requires four

Curricular Requirements for Graduation

As a member of the community, each student must contribute to the development of
his responsibility. He must also learn to live in a community of mutual respect and

Attendance at Commencement Exercises. A candidate for graduation

The Register of the college, and completed applications must be returned to
the Office of the Registrar. After the completion of the course, the application form must be submitted to

A student is not permitted to register as a junior until the third year of his junior year. A
application for Graduation. By the end of his Junior Year of

Graduation Requirements
General Studies at Grand Canyon College seek to help the individual student to apprehend the Christian way of life and to begin to acquire the knowledge, skills, and attitudes essential to a citizen who assumes moral and social responsibilities.

For the B.A. and B.S. degrees the following courses comprise the minimum requirement in General Studies:

I. Spiritual Foundations of Life (6 hours)
   Bible 113, Bible 123 ........................................... 6 hours

II. Social Foundations of Life (6 hours)
    History (Hist. 113, 123; or Hist. 123, 233; or
    Hist. 213, 223) .................................................. 6

III. Scientific Foundations of Life (6-8 hours)
    Science 114 or Mathematics ................................. 3 or 4
    Laboratory Science ............................................. 3 or 4

IV. Communicative Arts (6 hours)
    English 113 and English 123 ............................... 6

V. Humanities (2 hours)
    Art or Music Appreciation ................................. 2

VI. Physical Well-being (4 hours)
    Activity Physical Education ............................. 4

VII. Involvement in contemporary affairs. An interdisciplinary
     approach with emphasis on active participation and
     individual research in both on and off campus experi-
     ence. Courses may be used to satisfy general studies,
     major or minor requirements. One January interterm
     is required for each 24 hours completed in residence.

VIII. Foreign Language — Recommended for B.A. degree.
     One language only; should be taken consecutively
     (see page 76).

Major and Minor Subjects

By the beginning of the junior year each student is required to select one
subject area to be known as his major, in which he must present at least 30
semester hours of acceptable credit. In certain areas of study the number of
hours required for a major exceeds 30. In any case, at least 12 hours must
be of junior-senior rank. A student must also have a "C" average in his major
Specified academic programs

In relation to degrees

Permission from the Vice President for Academic Affairs is not allowed to take more than 12 semester hours for credit in any one subject area without special permission from the Registrar. A student may elect to take courses from the regular college curriculum and electives studies appropriate for him. A faculty adviser will help each student select a combination of major, minor, and electives studies.

Elective courses

debate (page 76)

Transfer students should consult the paragraph concerning minimum required.

A student may elect to complete a second major in lieu of a minor. A student may present a 24-hour minor in that field. Elementary education majors must also present a 24-hour minor. A student must meet the 18 semester hour major. A student must be from courses of junior-senior rank. Of these six hours must be from courses of junior-senior rank. The minor must consist of at least 18 semester hours. If the minor consists of at least 24 semester hours the minor must consist of at least two courses of junior-senior rank. A candidate for a secondary teaching certificate must have a "C" (2.0) average, count in his major any course in which he makes a grade below "C." A candidate and, except for courses in General Studies, is not permitted to...
Suggested Program for Bachelor of Arts Degree Candidates

For majors in Art, English, Theatre-Speech, History, Music, Religion, Social Studies, or in Behavioral Sciences.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall</td>
</tr>
<tr>
<td>Bible 113, 123</td>
<td>3</td>
</tr>
<tr>
<td>▶ English 113, 123</td>
<td>3</td>
</tr>
<tr>
<td>▶ History (See p. 78)</td>
<td>3</td>
</tr>
<tr>
<td>▶ Science 114</td>
<td>4</td>
</tr>
<tr>
<td>▶ Activity P.E.</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td>January term</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3*</td>
</tr>
<tr>
<td>Electives (Major or minor)</td>
<td>11</td>
</tr>
<tr>
<td>January term</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

*A student continuing a foreign language from high school should begin his foreign language during his freshman year. For a Music major with Voice concentration, French or German is recommended.

**Only two hours of Physical Education activity courses are required of students who transfer with 64 hours or more.
<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Senior Year</strong></td>
<td></td>
<td><strong>Junior Year</strong></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>3</td>
<td>14</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Major, Minor, or Electives</td>
<td>14</td>
<td>Major, Minor, or Electives</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th></th>
<th>Freshman Year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td></td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>Major, Minor, or Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>P.E.</td>
<td>Activity P.E.</td>
<td>Major, Minor, or Electives</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History (6)</td>
<td>Science (12)</td>
<td>14</td>
<td>Mathematics (3)</td>
</tr>
<tr>
<td>3</td>
<td>English (12)</td>
<td>1</td>
<td>Physical Science (3)</td>
</tr>
<tr>
<td>3</td>
<td>Philosophy, Psychology</td>
<td>1</td>
<td>Biology, Chemistry</td>
</tr>
<tr>
<td>3</td>
<td>History, Government, Economics</td>
<td>1</td>
<td>Lab Science (2)</td>
</tr>
</tbody>
</table>

60 hours or more.

Only two hours of Physical Education activity courses are required of students who register with

Science, Mathematics, Music Education, Physical Education, or Training

For majors in Biology, Business, Elementary Education, Environmental Management

Suggested Program for Bachelor of Science Degree

Graduation Requirements
Requirements for the Bachelor of General Studies Degree

Students who elect to study for a Bachelor of General Studies degree will complete the following requirements:

General Studies
- Courses listed on page 78 ........................................30-32 hours
- Electives .................................................................96-98 hours
  128 hours

A minimum of 45 hours must be in upper division courses.

A maximum of 21 hours of upper division work in any one academic department will be acceptable toward the degree.

Course prerequisites as stated in the catalog will be observed.

Other graduation requirements
- A minimum grade of "C" must be made in all upper division courses.
- An overall grade average of "C" must be maintained.
- The student must pass the English Proficiency Test required of all degree candidates.
- The student must satisfy the minimum residence requirement.

Special Conditions

Students who elect this program will sign a statement that they understand the Bachelor of General Studies degree may not be accepted for teacher certification, admission to professional schools, or admission to graduate schools.

Technical/vocational courses will be evaluated individually for acceptance as transfer credit toward the degree.
Department of Religion

Department of Natural Science and Mathematics

Department of Music

Department of Humanities

Department of History and Social Sciences

Department of Health and Physical Education

Department of Education and Psychology

Department of Business and Economics

and Descriptions of Courses

VII. Departments of Instruction
Center for Business Studies
Training and Development
Special Secretarial Program
Economics
Business
DEPARTMENT OF BUSINESS AND ECONOMICS

One aim of this department is to give all graduates of the College some general understanding of our economy and to inspire them to practice Christian principles, personal integrity, and high ethical standards in all aspects of business life. The department also seeks to assist the student in exploring his aptitude for further study or for a career in the field of business and to offer courses in business skills which may be beneficial to him vocationally or personally.

Requirements for a major in Business*
(B.S. Degree)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business 143</td>
<td>3</td>
</tr>
<tr>
<td>Business 153</td>
<td>3</td>
</tr>
<tr>
<td>Economics 213 and 223</td>
<td>6</td>
</tr>
<tr>
<td>Business 214 and 233</td>
<td>7</td>
</tr>
<tr>
<td>Business 343</td>
<td>3</td>
</tr>
<tr>
<td>Business 353 and 363</td>
<td>6</td>
</tr>
<tr>
<td>Electives in Business and Economics (3 hours upper division)</td>
<td>6</td>
</tr>
</tbody>
</table>

Total: 34 hours

(All persons majoring in Business are required to demonstrate the ability to use the typewriter effectively before a degree is granted. Students who have not had a course in basic typewriting or who cannot pass the proficiency test, may gain this skill by taking such a course in an accredited high school or college. Students in Business Education must have proficiency equivalent to the requirements for Intermediate Typewriting. Students who feel that they are proficient to this extent may take a special typewriting test given by the Business and Economics Department. If the test is passed, notation is made on the student’s transcript. The typewriting course or the proficiency test must be taken before the student takes Business 383, Business Communications. See page 24 for the cost of taking the special typewriting examination.)

Requirements for a minor in Business**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business 143</td>
<td>3</td>
</tr>
<tr>
<td>Business 214</td>
<td>4</td>
</tr>
<tr>
<td>Business 353</td>
<td>3</td>
</tr>
<tr>
<td>Economics 213</td>
<td>3</td>
</tr>
<tr>
<td>Electives in Business (3 hours upper division)</td>
<td>5</td>
</tr>
</tbody>
</table>

*When a minor in Economics or Office Administration is taken with a major in Business, there is some duplication of requirements. A course involved in such duplication is counted toward the minor only. The student takes sufficient electives in Business and Economics to satisfy the usual requirement of 30 hours in his Business major.

**A person who desires to be certified with business as a teaching minor must present at least 24 semester hours in appropriate courses. Additional information may be secured from faculty personnel.
High school courses in English composition, 3 years — 3 hours

High school courses in American history, 3 years — 3 hours

Intermediate shorthand

Business 163, INTERMEDIATE SHORTHAND. An additional study of business shorthand. Please obtain the necessary tests before attending class. Business shorthand is required of all students in business courses for their first year of study.

Every fall — 3 hours

Every spring — 2 hours

Business 143, BUSINESS MATHEMATICS. A basic course in the principles of business mathematics and their application to business problems.

Every fall — 3 hours

Every spring — 2 hours

Business 212, ADVANCED TYPESCRIPTING. Emphasis is given to the building of speed in the efficient, accurate, and legible production of business forms and reports. Special attention is given to the development of special techniques in the use of typewriters.

Every spring — 2 hours

When a major in Economics or Office Administration is taken with a major in Business, there is some duplication of requirements. A course required in one major toward a degree in Economics is counted toward the other major.

When a minor in Office Administration is taken with a major in Business, the following requirements are required:

6 hours

Business 313 and 383

3 hours

Business 143 or 243

6 hours

Business 163 and 222

4 hours

Business 122 and 222

Requirements for a minor in Office Administration:

12 hours

Electives in Economics (6 hours upper division)

6 hours

Economics 233 and 223

Requirements for a minor in Economics:

Department of Business and Economics
Business 223. DICTATION AND TRANSCRIPTION. Speed building, techniques of dictation and transcription, with emphasis on accuracy, readable form, mailable letter preparation. 3 hours of class weekly. Prerequisite: Business 163 or equivalent. **Spring, 1975, and alternate years—3 hours**

Business 214. PRINCIPLES OF ACCOUNTING I. An introduction to the fundamental principles and practices of accounting, the construction and interpretation of balance sheets and of profit and loss statements, and the theory of debits and credits as applied to business transactions. **Every fall—4 hours**

Business 233. PRINCIPLES OF ACCOUNTING II. A continuation of Business 214. An application of accounting principles to certain specialized problems within the various forms of business organization: manufacturing accounts, manufacturing cost and controls, accounting for fire losses, bonds, and sinking funds. **Every spring—3 hours**

Business 243. BUSINESS MACHINES. A course designed to give the student instruction in efficient operation of modern business machines, including ten-key and full-key adding machines, printing calculators, rotary calculators, and electronic calculators, with practical business application problems, including percentages, discounts, payroll computation, proration, reciprocals, and markups. **Every Fall—3 hours**

Business 253. RECORDS MANAGEMENT. Principles and procedures of filing and practice in management of filing systems. Office procedures for voice-writing, transcribing, calculating and duplicating machines. Extensive use of the electric typewriter. **Fall, 1975, and alternate years—3 hours**

Business 313. OFFICE PROCEDURES. A general office practice and procedure course designed to prepare the individual for initial employment in a business office. Clerical and typewriting skill development, filing, postal services, mail handling, using the telephone, banking and credit services, work in a mechanized office, office management, and advancement on the job. **Spring, 1976, and alternate years—3 hours**

Business 323. BUSINESS FINANCE. The financial structure of various types of business organizations, including sole proprietorships, partnerships, and corporations. Methods of securing and managing funds to meet short-term and long-term capital requirements. Financial problems are considered in connection with refunding, reorganization, mergers, and consolidations. Prerequisite: Business 233 and Economics 223. **Spring, 1976, and alternate years—3 hours**
ECONOMIC TRENDS, PERCUPTUITE: ECONOMICS 23.

MARKETING STRUCTURE, COMMODITIES, ADVERTISING, INSTITUTIONS, AND SOCIAL AND BUSINESS 33, PRINCIPLES OF MARKETING, AN EXAMINATION OF PRESENT

ability to use the operation.

Spring 1979, and alternative years—3 hours

Fall, 1974, and alternate years—3 hours

Business 383, BUSINESS COMMUNICATIONS. Practice in Writing Effect:

INSTRUCTION

Business 373, PRINCIPLES OF MANAGEMENT. An Introduction to

Every spring—3 hours

Business 363, BUSINESS LAW II, A CONTINUATION OF BUSINESS 362.

Every fall—3 hours

Business 333, BUSINESS LAW I. A STUDY OF LAWS OF PERSONS, CONTRACTS.

SPRING 1979, and alternate years—3 hours

business 333, PERSONNEL ADMINISTRATION, ANALYSIS OF PERSONNEL
Business 453. HUMAN RELATIONS IN BUSINESS. A study of the interpersonal relations between individuals and groups in an organizational setting. The problems that arise out of these relations are analyzed and evaluated by using the case approach and role playing.

Spring, 1975, and alternate years—3 hours

ECONOMICS

Economics 213. SURVEY OF ECONOMICS. A brief survey of basic economic concepts, principles, and business practices. Includes a study of the various economic systems, corporations, specialization in production, the monetary system, distribution of income, government spending, taxes, public debt, the price system, monopoly, and labor problems.

Every fall—3 hours

Economics 223. PRINCIPLES OF ECONOMICS. A continuation of Economics 213, with special attention given to the theory and application of advanced economic analyses related to present-day problems. Prerequisite: Economics 213 or equivalent.

Every spring—3 hours

Economics 343. CONSUMER ECONOMICS (also Env. Science 333.) A survey of the modern trends with which the consumer should be familiar. A study of standards of living, consumer income and expenses, retailing and distribution of consumer goods, consumer credit, law which affect consumers, household budgeting, investments, insurance, and taxes.

Fall, 1975, and alternate years—3 hours

Economics 353. ECONOMIC GEOGRAPHY. (Same as Geography 353.) A study of the products of agriculture, commerce, and industry, and the conditions which affect their production, exchange, and consumption.

Summer, 1974, and alternate years—3 hours

Economics 363. MONEY AND BANKING. A general survey of commercial banking operations, the Federal Reserve System, the qualities of a good monetary system, the theory of value of money, money and banking history, deposit insurance, and foreign exchange. Prerequisite: Economics 213.

Fall, 1975, and alternate years—3 hours

Economics 383. ECONOMIC HISTORY OF THE UNITED STATES. (Same as History 383.) A study of the economic development of the nation in agriculture, manufacturing, commerce, transportation, money and banking, labor organization, and labor legislation. Prerequisite: Economics 213 or consent of instructor.

Summer, 1975, and alternate years—3 hours
FIRST YEAR

Curriculum. The degree, but must complete all requirements outlined in the degree. The courses entered in the special concentration program as regular credit toward the curriculum, but may not be included to meet the student's needs.

A student who desires later to complete a degree program may count the required courses advanced courses. All course may be included to the degree program in less than two years by enrollment in summer sessions.

Special Secertarial Program

Fall, 1974, and Spring, 1975—3 hours

- Economics 43, Comparative Economic Systems
**Second Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business 153 (Introduction to Computer Science)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business 212 (Advanced Typewriting)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Business 214 (Principles of Accounting)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Business 223 (Dictation and Transcription)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business 253 (Records Management)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business 313 (Office Procedures)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business 383 (Business Communications)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Economics 213 (Survey of Economics)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Education (activity course)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Psychology 213 (General Psychology)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>January Term</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>3</td>
</tr>
</tbody>
</table>

**TRAINING AND DEVELOPMENT**

The College, in cooperation with the Valley of the Sun Chapter of the American Society for Training and Development, is offering a B.S. degree in Training and Development. This is the first college in the United States to offer an undergraduate degree in this field. Because hundreds of thousands of employees are now taking training in business and industry, there is a great need for training and development officers to assist in these programs in business, industry, and government.

**Course of Study for a B.S. Degree in Training and Development**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech 113 Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>Speech 123 Intro. to Public Speaking and Discussion</td>
<td>3</td>
</tr>
<tr>
<td>Bus. 153 Intro. to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>Phil. 213 Intro. to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Psych. 213 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Econ. 213, 223 Principles of Economics I, II</td>
<td>6</td>
</tr>
<tr>
<td>Psych. 253 Personality Development</td>
<td></td>
</tr>
<tr>
<td>Soc. 213 Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Soc. 203 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>Soc. 353 The American Community</td>
<td></td>
</tr>
<tr>
<td>Ed. 303 Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>TD 303, 313 Training and Development Principles I, II</td>
<td>6</td>
</tr>
<tr>
<td>Psych. 313 Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
Every Spring—4 hours
Hospital, or a government agency, depending upon the special interest, training and development officer in an industrial company, a business, or a
department will have further opportunity to work under the supervision of a
Director, Training and Development Internship II. The stu-

Every Fall—4 hours
Training and development principles I and II by spending at least 6 hours a week in a department of
which to build a career in training or development or to understand the
influence of TD principles I, giving the student a base of knowledge upon
initiation of TD principles II. A con-

Every Spring—3 hours
Industry, government agencies, and institutions of varied size,
and techniques used by training and development professionals in business,
initial exposure in some depth to specific areas of specialization, methods
provided.

128

Total Hours for Graduation

*See page 78 for General Education Requirements.

35
Bus 473 Human Relations in Business
3
ED 44 Curriculum for Adult Education
8
TD 404 Training and Development Internship I, II
3
Bus 373 Principles of Management
3
Av 43 Survey of Audio-Visual Materials & Methods

Psyc 344 Fundamentals of Counseling
3
Bus 333 Personnel Administration
3
Bus 399 Principles of Marketing
3
Bus 383 Business Communications

Bus 363 Business Law I, II
3
Bus 343 Introduction to Probabilities and Statistics
3
Bus 214, 223 Principles of Accounting I, II
CENTER FOR BUSINESS STUDIES

Further to serve business, professional, and governmental groups in the Salt River Valley, the College has established a Center for Business Studies. Persons who wish to continue education in business-related subjects may take courses involving a short period of time and exposure to experts in the various fields. These course will also be advantageous to those who have moved into supervisory and managerial positions without special training in the area.

This service in metropolitan Phoenix is unique among four-year colleges of the area. Arizona State University provides graduate level courses through its Center for Executive Development. The Grand Canyon College center will meet the many needs that arise before that level is reached. These two programs complement each other and help to make a full offering available to residents of the Valley of the Sun.

Courses in the Center will include such areas as Basic Supervision, Basic Management, Human Relations, Business Communications, Small Business Bookkeeping, Small Office Management, Business Machines, Typing Refresher Course, Motivation, and others as the need arises. The courses are designed to provide fifteen hours of instruction with the class meeting one night a week for five weeks, or for a shorter period meeting more than once a week.

Students may take these courses for audit or for one semester hour of college credit, not to exceed a total of six hours toward graduation.

Quite reasonable fees will include all materials and supplies—other than text books—needed for the course. A schedule of courses offered and fees charged will be published and distributed from time to time. The latest schedule is available from the Registrar's Office.
Psychology

Adult Education

Secondary Education

Elementary Education

Education

Student Teaching

Teacher Education Curriculum

Psychology

Department of Education AND
Faculty personnel, in some cases, in the subject. Additional information may be secured from the chair for secondary schools must complete 24 semester hours (20 hours in one subject) in a certain subject. A person who desires to be certified in a certain subject as a minor teaching major must present an appropriate 24 hour subject.

Elementary Education majors must present an appropriate 24 hour subject.

The teaching major is required for students desiring to enter the fifth year of teacher preparation at Grand Canyon College. A "C" or better average in all courses taken during the first year of preparation to meet current Arizona teacher certification requirements. The teacher education program has been extended to include a fifth year. English Language Examinations (see page 76).

To qualify for student teaching, a student must have passed the education program.

If a student does not earn a "C" or better average in the student teaching program, the student must retake the course. A student who has completed 72 hours before attaining a "C" average in the student teaching program before registering for the program. Transfer students must make application to the chairman of the education department for admission. After completing 32 semester hours a prospective candidate will make a major in the teacher certification in the elementary education (see page 76). In order to become a candidate for teacher education, a student must have completed 72 semester hours at Grand Canyon College. In order to become a candidate, a student must have a 2.50 average in the teaching major. Certification for the elementary teacher is also required. In order to be admitted as a candidate for a minor teaching major, the student must complete at least 25 semester hours of college work with an average grade of "C" or better in the teaching major. The courses in education and psychology are planned primarily to provide curricula for certification of elementary teachers and for high school teachers.

TEACHER EDUCATION CURRICULUM

Take certain courses in the department of education and psychology which are required of all students. The courses in education and psychology are planned primarily to prepare persons to be public school teachers. The courses are regular classes. While the Department of Education and Psychology functions primarily...
The teacher education program of Grand Canyon College is approved by the State Board of Education.

Elementary or Secondary, Basic Certificate
A person with a bachelor's degree may normally qualify for a basic certificate for teaching in the elementary or secondary schools of Arizona if he has credit for the courses required for professional preparation, including student teaching. Any portion of this professional preparation, including a study of psychology, curriculum, methods of teaching, and student teaching, may be included in the work leading toward the bachelor's degree. In order to be recommended for a standard certificate such a person must complete an additional 30 semester hours of appropriate work within the prescribed time limit.

Elementary, Standard Certificate
A person who has already earned a bachelor's degree may normally qualify for a standard elementary teaching certificate by completing at least 30 hours in upper division courses during a special fifth year program designed by a committee of the College and including prescribed professional courses.

Secondary, Standard Certificate
A person who has already secured a basic secondary certificate may normally qualify for a standard secondary certificate in a manner similar to that described for the standard elementary certificate. The Department of Education offers courses to keep abreast of changes in certification requirements for the State of Arizona.

Courses for Elementary Certificate
(Grades K-8)
Requirements of Grand Canyon College for a major in Elementary Education (B.S. degree)

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed. 303 Foundations of Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>El. Ed. 343 Communication Arts in the Elementary School</td>
<td>3 hours</td>
</tr>
<tr>
<td>El. Ed. 353 Curriculum: Social studies, science, and arithmetic</td>
<td>3 hours</td>
</tr>
<tr>
<td>El. Ed. 453 Reading: Elementary School</td>
<td>3 hours</td>
</tr>
<tr>
<td>Psych. 353 Child Psychology (Psych. 213 is prerequisite)</td>
<td>3 hours</td>
</tr>
<tr>
<td>Ed. 313 Educational Psychology</td>
<td>3 hours</td>
</tr>
<tr>
<td>* Ed. 321 Orientation to Student Teaching</td>
<td>1 hour</td>
</tr>
<tr>
<td>Ed. 412 Tests and Measurements</td>
<td>2 hours</td>
</tr>
<tr>
<td>Ed. 362 Audio-Visual Methods and Materials</td>
<td>2 hours</td>
</tr>
<tr>
<td>El. Ed. 328 Student Teaching in the Elementary Grades</td>
<td>8 hours</td>
</tr>
</tbody>
</table>

31 hours
Throughout the state, many universities offer programs that provide student teaching experience for their students. Grand Canyon College provides student teaching experience for its students through an arrangement made with more than 60 school districts.

**STUDENT TEACHING**

May be selected by taking a special methods course in major teaching field.

H’S Ed. 493 Reading: Secondary School

Recommended:

3 hours

Governor 303 Federal and Arizona Government

Required for Arizona certification:

28 hours

2 hours

H’S Ed. 322 Student Teaching in High School

1 hour

Ed. 313 Introduction to Student Teaching

1 hour

Ed. 312 Test and Measurement

2 hours

Ed. 314 Elementary Psychology

2 hours

Psych Ed. 313 Adolescent Psychology (Psych. 213 is prerequisite)

4 hours

H’S Ed. 440 Curriculum and Instruction of Elementary Education

3 hours

Courses for Secondary Certificate

Prescribe the necessary courses.

An Elementary Education major must present at least 24 semester hours in Education block.

Physical Ed. 323 Physical Education for Elementary Grades

Education block

Ed. 183 Exploring Education as a Career

Also Recommended:

Music Ed. 333 Music in the Primary and Elementary Grades

Health Ed. 333 School Health Problems

Gov. 303 Federal and Arizona Government

Required for Arizona certification:

3 hours

Department of Education and Psychology

99
Public Schools

Ajo School District #15
Alhambra Elementary School District
Apache County High School District
Avondale School District #44
Bagdad Public Schools
Bisbee Public Schools
Bowie Public Schools
Buckeye Elementary School District
Cartwright Elementary School District
Chandler Public Schools
Chinle Public Schools
Clifton Public Schools
Copper Belt School District
Cottonwood-Oak Creek Public Schools
Creighton Elementary School District
Deer Valley School District #97
Duncan Schools
Dysart Elementary Schools
Florence Elementary Schools
Ft. Huachuca Accommodation Schools
Gilbert Public Schools
Glendale Elementary School District
Glendale Union High School District
Globe Public Schools
Holbrook Public Schools
Isaac Elementary School District
Kingman Elementary School District
Liberty Elementary School District
Litchfield Park Elementary School District
Littleton School District, Cashion, Arizona
Madison Elementary School District
Marana Public Schools
Mayer Public Schools
Mesa Public Schools
Mingus Jr.-Sr. High School & Verde, #3
Mohawk Valley School, #17
Murphy Elementary School District
McNary Elementary School District
Osborn Elementary School District
Palo Verde Elementary School District
Paradise Valley School District
Parker Elementary School District
Payson Public Schools
Peoria Public Schools
Phoenix Elementary School District #1
Phoenix Union High School District
Prescott Public Schools
Riverside Elementary School District
Roosevelt Elementary Schools
Safford Public Schools
Santa Cruz Valley Union High School
Scottsdale Public Schools
Seligman Public Schools
Sierra Vista Public Schools
Stanfield Public Schools
Superior Public Schools
Tempe Elementary School District
Tolleson Grammar School #17
Tolleson Union High School District
Washington Elementary School District
Wickenburg Public Schools
Wilson Elementary School District #7
Winslow Public Schools
Yuma Elementary School District
Yuma Union High School District

Private Schools
Phoenix Christian High School

U. S. Government Schools
Phoenix Indian School

The supervision of each student teacher is performed by the school to which he is assigned. The evaluation of the student teacher's work is a dual responsibility, borne by the College and by the school in which the apprenticeship is served.
students for experience which will aid them as contract teachers. Admissions
for students who are enrolled in student teaching to help prepare such

Education 321. ORIENTATION TO STUDENT TEACHING. Designed

Every semester and every summer — 3 hours
the classroom situation. Prerequisite: Psychology 213.

Education 313. EDUCATIONAL PSYCHOLOGY. (Same as Psychology

Every semester and every summer — 3 hours
in education is designed for students who have already committed themselves to a career

Education 303. FOUNDATIONS OF EDUCATION. A study of the his-

Every semester — 3 hours
of 27 hours will be spent in the classroom or community agency.

Education 183. EXPLORING EDUCATION AS A CAREER. By obser-

Every fall—3 hours
and teaching of specific skills

Education
troopers and supervisors from public schools are invited to participate in this orientation. Additional instruction is given by the faculty of the department. Classes meet two periods per week during the first nine weeks of the semester. Every semester — 1 hour

Education 362. AUDIO-VISUAL MATERIALS AND METHODS. A survey of the role of audio-visual aids, projected and non-projected, in learning and communication, with emphasis on the selection, preparation, evaluation, and utilization of such materials and equipment.

Every semester and every summer — 2 hours

Education 412. TESTS AND MEASUREMENTS. Deals with the philosophy of testing, the construction of tests, and the actual administration and interpretation of tests. There is opportunity for examination of sample tests. Students select either high school or elementary tests for study and engage in test construction in either field. Prerequisites: For Elementary Education: Elementary Education 343 and 353. For Secondary Education: High School Education 323 and 443. Every semester and every summer — 2 hours

ELEMENTARY EDUCATION

Elementary Education 302. UTILIZING THE LIBRARY IN THE ELEMENTARY SCHOOL. A workshop course designed to help elementary teachers to integrate library material with classroom instruction. Special assistance is given in the use of the library in connection with class assignments and preparations. Every summer — 2 hours

Elementary Education 313. NURSERY-KINDERGARTEN EDUCATION. Considers all aspects of curriculum. Philosophy, principles, practices, and problems. Approaches to creative teaching and learning through motivation, environmental changes and experimentation. Laboratory experiences are included as part of the course content. Every spring and every summer — 3 hours

Elementary Education 328. STUDENT TEACHING IN THE ELEMENTARY GRADES. The student is assigned to an approved school where he serves as a teacher for half a semester under the supervision of an experienced teacher. Prerequisites: Education 313 and 412, Elementary Education 343 and 353. Credit only. No grade is given. Every semester — 8 hours

Elementary Education 343. COMMUNICATION ARTS IN THE ELEMENTARY SCHOOL. Factors affecting language development and growth. Setting conditions for learning to teach listening, speaking and writing skills. Empha-
Elementary Education 443, READING: ELEMENTARY SCHOOL. A pro-

Every summer — 3 hours

Elementary Education 444, REGISTRAR: Elementary Education 444, as tools to use in gaining independence in word attack is emphasized. Pre-

Every spring and every summer — 3 hours

Elementary Education 445, DECODING: A Workshop in the phonetic ap-

Elementary Education 446, MATH 130, MODERN MATHEMATICS FOR ELEMENTARY SCHOOL. High school (same as Mathematics 403). De-

Elementary Education 372, LITERATURE AND STORY TELLING. All types of children’s literature from outstanding authors are

Elementary Education 373, CHILDREN’S LITERATURE AND STORY TELLING. All types of literature for use with children. Methods

Elementary Education 374, PER GRADS AN OVERVIEW OF THE RANGE OF BOOKS FROM TRADITIONAL LITER.

Elementary Education 393, CURRICULUM: SOCIAL STUDIES, SCIENCE,

Elementary Education 303, PRECALCULUS: Pre-requisite: Precalculus. Ed 303, as part of the course, contains a skill: Laboratory

Department of Education and Psychology
with various approaches to creating interest in and the love of reading. Classroom practices in reading testing are included. Students will work directly with corrective reading problems. Prerequisites: Ed. 303 and El. Ed. 343.

Every semester and every summer — 3 hours

SECONDARY EDUCATION

High School Education 323. HIGH SCHOOL METHODS AND PROCEDURES. A study of methods and procedures for effective teaching in high school. All methods in common use are examined and attention is given to a combination of the best in all methods. Prerequisite: Education 303.

Spring semester and every summer — 3 hours

High School Education 328. STUDENT TEACHING IN HIGH SCHOOL. The student is assigned to an approved school where he serves as a teacher for half a semester under the supervision of an experienced teacher. Prerequisites: Education 313 and 412. High School Education 323 and 443. Credit only. No grade is given.

Every semester — 8 hours

High School Education 443. CURRICULUM AND PRINCIPLES OF SECONDARY EDUCATION. A study of the aims and principles of curriculum development and construction and of the basis for such aims and principles as they pertain to secondary education. Prerequisite: Education 303.

Every semester and every summer — 3 hours

High School Education 453. READING: SECONDARY SCHOOL. Designed for secondary teachers to enable them to serve the reading needs of junior and senior high school students. Wide-scope study of reading programs with emphasis on content area reading. Laboratory experiences are included as part of the course content.

Every summer — 3 hours

ADULT EDUCATION

Adult Education 353. SURVEY OF ADULT EDUCATION. Historical development, objectives, scope, trends, and significance of adult education. Philosophy and trends of adult education in relation to desirable present and future local business and industry training programs as well as public school programs.

Fall, 1974, and alternate years — 3 hours

Adult Education 363. PRINCIPLES OF TEACHING ADULTS. Factors considered in establishing and developing adult education programs in schools, business, and industry.

Spring, 1975, and alternate years — 3 hours
Psychology 213, General Psychology, A foundation course in the

Psychology 312 and 313 (6 hours upper division) 10 hours

Electives in Psychology (May include
Philosophy 213
Psychology 221
Psychology 213)

Required for a minor in Psychology

18 hours

(upper division)

Electives in Psychology (May include
Philosophy 213
Sociology 213 or 323
Psychology 213
Psychology 213)

(B.A. or B.S. Degree)

Requirements for a major in Behavioral Sciences

Students may major in Behavioral Sciences or minor in Psychology.

PSYCHOLOGY

Spring, 1976, and alternate years—3 hours

In a research study of some facet of adult education,
participants attend activities in learning situations. Each student will participate
methods and administration of adult programs. WAYS and means of im-
Adult Education 443, Curriculum for Adult Education. Types,
the individual. Attention is further given to the application of theoretical concepts in beneficial interpersonal relationships for the student.

Every semester—3 hours

Psychology 303. SOCIAL PSYCHOLOGY. (Same as Sociology 303.) A study of social and group factors affecting individual behavior. Attention is given to the development of attitudes, leadership roles, group thinking, sources of conflict, effects of competition and cooperation, analysis and evaluation of propaganda techniques, and the influence of mass communication on social awareness and control. Prerequisite: Psychology 213 or Sociology 213.

Spring, 1976, and alternate years—3 hours

Psychology 313. EDUCATIONAL PSYCHOLOGY. (Same as Education 313.) A study of the general problems of learning, such as native and acquired characteristics, individual differences, and motivation; the different theories of learning; and the application of these problems and theories to the classroom situation. Prerequisite: Psychology 213.

Every semester and every summer—3 hours

Psychology 333. PSYCHOLOGY IN RELIGION. (Same as Religion 333.) Designed to help the student understand and relate to the mental processes involved in individual religious experience and in group dynamics, with particular reference to religious motivation, integration of personality, guilt feelings, conversion, prayer, worship, and principles of leadership.

Spring, 1976, and alternate years—3 hours

Psychology 343. FUNDAMENTALS OF COUNSELING AND GUIDANCE. Designed for teachers, ministers, business persons, industrial workers, or workers in sociology. Emphasis is placed on the proper use of psychology as a tool for guidance by persons in various occupations. Prerequisite: Psychology 213.

Every summer—3 hours

Psychology 353. CHILD PSYCHOLOGY. An analysis of infant behavior; a study of the motor and emotional development of children; motivation, thinking, work, and play in child life; and the synthesis and integration of personality. Prerequisite: Psychology 213.

Every semester and every summer—3 hours

Psychology 363. INTRODUCTION TO PROBABILITY AND STATISTICS. (Same as Mathematics 363 and Business 343.) A study of elementary theories
Fall, 1974, and alternate years — 3 hours

Preliminary in Behavioral Sciences. Prerequisite: Psychology 213.

Described in the course, it is assumed that this course is essential for all persons
involving mental health. The studies include: Introduction to psychology, Recription
awareness of the emotional, functional, and physiological factors influencing
depression and removal; and froin mental illness and perception, mental illness by a better
from abnormal psychology, designed to help the su-

Psychology 433, Abnormal Psychology.

Every semester — 3 hours

Behavioral, Preparatory: Psychology 213.

Every semester — 3 hours

Sociology 14, or equivalent.

Physics 93, Adolescence Psychology.

Provision is made in the application of statistical methods, Prerequisite:

Department of Education and Psychology.
Requirements for a minor in Health Education

3 hours
Health Education 363
3 hours
Health Education 333
3 hours
Health Education 343
3 hours
Health Education 333
3 hours
Health Education 213
3 hours
Health Education 203

or minor in Physical Education

A student who has received credit in activity physical education for
military training is not allowed to receive credit for Physical Education.

Office

The student must comply with instructions given by the Registrar.

Veterans of the armed services may receive up to four hours credit for
40 days of active service. In order to establish the

Department of Physical Education and the Vice President for Academic

13. Health Education 203, or Health Education 213.

Normally, one of the following courses suffices: Physical Education 213.

After a three-hour course in physical education or health education may

be substituted for the entire requirement in physical activity courses.

Department of Physical Education and the Vice President for Academic

Upon written recommendation of a medical doctor and approval of the

Health and Physical Education

Courses are provided to achieve the following aims: (1) to offer a varied

adult sports, etc.

The purpose of required physical education is to maintain the physical

DEPARTMENT OF

Department of Health and Physical Education
Requirements for a major in Physical Education
(B.S. degree)

Physical Education 101, 111, 131, 
(choice) 201, 231, 241 } Any 4 hours
Physical Education 243 3 hours
Physical Education 273 3 hours
Physical Education 282 2 hours
Physical Education 292 2 hours
Physical Education 313 3 hours
Physical Education 323 or 413 3 hours
Physical Education 423 3 hours
Physical Education Electives 7 hours
Also required — Health Education 353 3 hours

Requirements for a minor in Physical Education

Physical Education 101, 111, 131 } Any 4 hours
Physical Education 201, 231, 241
Physical Education 243 3 hours
Physical Education 282 2 hours
Physical Education 292 2 hours
Physical Education 313 3 hours
Physical Education 323 or 413 3 hours
Physical Education 423 3 hours
Also required — Health Education 353 3 hours

HEALTH EDUCATION

Health Education 203. FIRST AID AND SAFETY. Designed to develop the ability to administer emergency treatment in accordance with recommendations of American Red Cross. Also a study of safety and its contributions to the health of the nation. Every spring — 3 hours

Health Education 213. PERSONAL HEALTH. A study of personal health concepts with emphasis on the importance of good health in the attainment of life's goals and aspirations. Every fall — 3 hours

Health Education 333. SCHOOL HEALTH PROBLEMS. An investigation of the health problems encountered in the school environment and the role of the school personnel in meeting these needs. Every spring — 3 hours

Health Education 343. PRINCIPLES OF PUBLIC HEALTH (also Environmental Service 343). A study of the public agencies and their contribution
Every semester
Physical Education 431, 431, 432, 433
ANATOMY AND PHYSIOLOGY

Every semester
Physical Education 214, 215, 216
ARTS AND CRAFTS

Every semester
Physical Education 231, 232
ARCHERY, INSTRUCTION, AND PRACTICE IN THE FIELD

Every semester
Physical Education 210, 211, 212, 213
BOWLING, INSTRUCTION, AND PRACTICE IN THE FIELD

Every semester
Physical Education 131, 132
TEAM SPORTS, INSTRUCTION, AND PRACTICE IN THE FIELD

Every semester
Physical Education 111, 112
TENNIS, INSTRUCTION, AND PRACTICE IN THE FIELD

Every semester
Physical Education 101, 102
SWIMMING, INSTRUCTION, AND PRACTICE IN THE SKILLS

Schedule: Each class meets twice a week.

There is no prerequisite and no particular order in which they need to be taken. Students should be taken during the freshmen and sophomore years.

Courses taken to fulfill the physical education activity requirement for the major are offered by the Department of Health and Physical Education.

PHYSICAL EDUCATION

Health Education 491, 492, 493, 494
INDEPENDENT STUDY

Health Education 391, 392, 393, 394
PRACTICUM

Health Education 363, 364
METHODS OF TEACHING HEALTH

Health Education 333, 334
ANATOMY AND PHYSIOLOGY

History, and functions of public health services. Also includes fundamentals, philosophy,
Physical Education 243. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. A study of the aims and objectives of physical education, of its standards, ideals, principles and policies, and of the place of physical education in modern life. The history of physical education is also studied, emphasizing leaders of the past and present.  
Every fall — 3 hours

Physical Education 273. RECREATION ADMINISTRATION. A study of the philosophy, scope, and basic values of recreation, its organization, and administration.
Every spring — 3 hours

Physical Education 282. PROFESSIONAL ACTIVITIES. Individual and dual sports. Skills in physical education activities for the physical education major and minor. (3 class periods per week)  
Every fall — 2 hours

Physical Education 292. PROFESSIONAL ACTIVITIES. Team sports. Skills in physical education activities for the physical education major and minor. (3 class periods per week)  
Every spring — 2 hours

Physical Education 313. KINESIOLOGY. A study of the location, mechanics, and action of the principal muscles of the body and their relation to the various types of physical skills.  
Every spring — 3 hours

Physical Education 323. PHYSICAL EDUCATION FOR ELEMENTARY GRADES. A study of the development of a program of physical activities adapted to the school situation and to the individual needs of the child.  
Every spring and every summer — 3 hours

Physical Education 333. ATHLETIC COACHING, BASKETBALL. A study of the fundamentals, drill habits, team organization, offensive and defensive play, and coaching philosophy.  
Every fall — 3 hours

Physical Education 343. SPORTS OFFICIATING. A study of the rules and mechanics of officiating football, basketball, and baseball. Every fall — 3 hours

Physical Education 363. PHYSICAL EDUCATION FOR THE MENTALLY RETARDED. A course devoted to the development of concepts and activities suitable for use with trainable and educable mentally retarded persons, emphasizing activities for physical education directed toward total educational objectives.  
Every summer — 3 hours

Physical Education 413. PHYSICAL EDUCATION IN SECONDARY SCHOOL. Designed for persons who plan to teach physical education at the high school level. Topics include classification of students, organization of classes, choice and selection of appropriate activities and materials, progression, and testing. Prerequisite: Physical Education 243. Every fall — 3 hours
Physical Education 42, 491, 2, 3, 4. Practicum. See Page 70.

Physical Education 391, 2, 3, 4. Practicum. See Page 70.

Every spring: Physical Education 243 and 413. 3 hours.

These courses: Physical Education in all types of educational institutions. Prepared.

Physical Education. Deals with possible administrative problems in depart.

Of Health and Physical Education. Designed for majors in

Physical Education 42. Organization and Administration

Department of Health and Physical Education
Criminal Justice
Sociology
History
Government
Geography

HISTORY AND SOCIAL SCIENCES

Department of
DEPARTMENT OF HISTORY AND SOCIAL SCIENCES

History and the social sciences are inseparably related. History is largely the record and analysis of the social and political changes and conditions of man. The chief problems before men today, as in all the past, are economic and social. These make up the leading political questions. Geographical factors of spatial relations and economic resources of the earth have always been closely related to the historical development of all peoples and to the interrelationships of various peoples. As the numbers of men increase upon the earth and as struggle for land and resources intensifies within and among nations, crime increases and the problem of criminal justice becomes more pressing.

Courses offered in this department are designed to equip students with basic knowledge and the sense of responsibility to function as effective citizens in an increasingly complex world, as well as to offer majors in some areas which will enable graduates who major in the department to enter advanced schools of professional preparation for teaching, social work, law, and criminal justice.

Requirements for a major in Behavioral Sciences
(B.A. or B.S. degree)

Sociology 213 3 hours
Sociology 313 or 323 3 hours
Psychology 213 3 hours
Philosophy 213 3 hours
Electives in Sociology or Psychology (9 hours upper division) 18 hours

Requirements for a major in History
(B.A. degree)

History 113, 123, and 233 9 hours
History 213 and 223 6 hours
Electives in History* (12 hours upper division) 15 hours

*There may be electives of 6 hours from History 473, Government 313, 323, 333, 343.

Requirements for a minor in History

History 113, 123, and 233 4-4.5 hours
History 213 and 223 6 hours
Upper division courses in History 6 hours
Every spring—3 hours

Conditions which affect their production, exchange, and consumption. A study of the commodities of agriculture, commerce, and industry, and the
Geography 33, Economic Geography. (Same as Economics 33.)

Every fall—3 hours

Teaching techniques are stressed to each division in the major geographic areas of the world. Curriculum and
teaching of the divisions of the physical environment and the relationship of man
Geography 333, World Geography. A course for teachers. A study
Geography 313, Physical Geography. (Same as Science 313.) A

Geography

12 hours

Electives in Sociology (6 hours upper division)

6 hours

Sociology 213 and 223

Requirements for a minor in Sociology

15 hours

Electives in Government

3 hours

Government 303

Requirements for a minor in Government

15 hours

Upper division course in Social Studies *new

3 hours

Government 303

3 hours

Sociology 213

6 hours

History 113, 123, and 223

Requirements for a minor in Social Studies

Not recommended for prospective teachers in secondary education.

6 hours

Upper division courses in Social Studies

3 hours

Economics 213

3 hours

Government 213 and 223

6 hours

History 113, 123, and 223

(B.A. degree)

Requirements for a major in Social Studies

Department of History and Social Sciences
GOVERNMENT

Government 303. FEDERAL AND ARIZONA GOVERNMENT. A basic course in American and Arizona Governments. The course is designed to give the student a broad outline of the workings of the governments and to lay the groundwork for further studies. This course meets the teacher certification requirement in American and Arizona Governments.

Every semester and every summer—3 hours

Government 313. COMPARATIVE GOVERNMENT. A comparative study of the organization and operation of selected governments in the world today, with special attention given to the Soviet Union, England, France, and the United States. Prerequisite: 6 hours of History or Government.

Fall, 1975, and alternate years—3 hours

Government 323. INTERNATIONAL RELATIONS. A study of the history of international politics, contemporary world power structure, and international law and organization. Prerequisite: 6 hours of History or Government.

Spring, 1976, and alternate years—3 hours

Government 333. EARLY POLITICAL THOUGHT. A study of the evolution of European and American political doctrines, with special attention given to the men and the forces producing them. A study of the theories and historical emergence of such concepts as absolutism, natural rights, and democracy. From classical origins through the 18th century enlightenment. Prerequisite: 6 hours of History or Government.

Fall, 1974, and alternate years—3 hours

Government 343. CONTEMPORARY POLITICAL THOUGHT. A continuation of Government 333, dealing with the men and ideas which have affected government in the 19th and 20th centuries. Special attention is given to American political thought and to the study of socialism, communism, and fascism in the modern world. Prerequisite: Government 333 or sufficient work in history or philosophy to provide an adequate background.

Spring, 1975, and alternate years—3 hours

Government 352. FEDERAL GOVERNMENT. The first half of Government 303, a survey of American Government. This half meets the teacher certification requirements in National Government.

Every semester and every summer—2 hours

Government 362. ARIZONA GOVERNMENT. The second half of Government 303, a survey of Arizona History and Government. This half meets the teacher certification requirements in Arizona Government.

Every semester and every summer—2 hours
Every fall — 3 hours

Isim and sectionalism, western expansion, slavery, and the Civil War

Eighth century — 3 hours

Every semester and every summer — 3 hours

Every semester and every summer — 3 hours

Europe and their impact upon the world into which Europe expanded, and to intellectual, political, and industrial revolutions of the eighteenth and nineteenth centuries. Attention is focused on the role of the United States in the war, and the challenges ahead.

Every semester and every summer — 3 hours

History 213, EARLY AMERICAN HISTORY, A study of European expansion

History 223, HISTORY OF CIVILIZATION III (Since 1450), A con-

History 233, HISTORY OF CIVILIZATION III (Since 1450), A con-

History 134, HISTORY OF CIVILIZATION II (Renaissance to 1815), A con-

History 135, HISTORY OF CIVILIZATION I (To the Renaissance), A con-

History 136, HISTORY OF CIVILIZATION I (To the Renaissance), A con-

Prerequisite: 6 hours of study of government

Spring, 1977, and alternate years — 3 hours

Government 41, CONSTITUTIONAL HISTORY OF THE UNITED

Government 42, AMERICAN DIPLOMATIC HISTORY (Same as His-

Government 43, AMERICAN DIPLOMATIC HISTORY (Same as His-

Department of History and Social Sciences

121
History 223. RECENT AMERICAN HISTORY. A continuation of History 213, dealing with problems in the wake of the Civil War, postwar expansion, the Industrial Revolution in America, transition to a world power, and domestic and foreign issues of the 20th century. Every spring — 3 hours

History 313. HISTORY OF ENGLAND TO 1815. A study of the origin and the development of the English people, with particular attention given to their political, social, economic, and cultural institutions and their interaction with continental Europe. Prerequisites: History 113 and 123, or permission of instructor. Fall, 1974, and alternate years — 3 hours

History 333. THE RENAISSANCE AND REFORMATION. A study of changing European institutions in the age of the Renaissance: the rise and various manifestations of humanism; the religious and political revolt against Rome; Catholic and Counter Reformations; rise of nationalism and capitalism. Prerequisite: History 113. Fall, 1975, and alternate years—3 hours

History 343. THE FRENCH REVOLUTION. A study of the Old Regime and French Enlightenment; political and social revolutions of 1789; the attempts of France to establish a stable government during the 1790's, the foreign war, the Terror, Robespierre and the Republic of Virtue; Napoleon Bonaparte and the First French Empire, their impact upon France and upon Europe; Waterloo and the Congress of Vienna. Prerequisites: History 113 and 123. Spring, 1976, and alternate years—3 hours

History 353. CHURCH HISTORY (Same as Religion 353). A survey of the history of the various church groups through which the Christian religion has made its appeal to mankind and the world, with special emphasis upon the fragmentation of organized religion in the seventeenth century, the rise of the major Protestant groups, and the missionary activities of the nineteenth and twentieth centuries. Summer, 1975—3 hours

History 373. LATIN AMERICAN HISTORY. A study of the conquest and development of Central and South America by the Spanish and the Portuguese, including colonial systems, institutions, regional differentiation, and the wars of independence. Latin American republics from the era of independence to the present. Prerequisite: 6 hours of History. Spring, 1976, and alternate years—3 hours

History 383. ECONOMIC HISTORY OF THE UNITED STATES (Same as Economics 383). A study of the economic development of the nation in
History 4/H3. THE TEACHING OF SOCIAL STUDIES. A methods course.

SPRING, 1973, and alternate years—3 hours

History I13 and I23. Prerequisite: History I11 and I21. and Government II. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1974, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1975, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1976, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1977, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1978, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1979, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1980, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1981, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1982, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.

Fall, 1983, and alternate years—3 hours

History I12, I13, and I23. Prerequisite: History I11 and I21. The course is designed primarily for persons who are planning to teach history, political science, or related social studies subjects at the secondary level. Attention is given to: (a) Development of the modern world, II and the United Nations; (b) Development of World War II; and the United Nations and economic factors in the 20 years following, which contributed to the peace; European history; the peace treaties; independence of political and its attainment in Europe; and a study of World War I.

History 43, TWENTIETH CENTURY EUROPE. A study of World War I.
Grand Canyon College

is given to the obtaining of material for presentation and to the effective methods of presentation. Prerequisites: History 113, 123, and 233 and Junior standing.  

Summer, 1974, and alternate years — 3 hours

History 491, 2, 3, 4. INDEPENDENT STUDY. See page 70.

Every semester

History 493. THE WEST IN AMERICAN HISTORY. A study of the westward movement: the advancing frontier and western political, economic, and social development from the colonial period to the 20th century. Prerequisites: History 213 and 223. Spring, 1975, and alternate years—3 hours

SOCIIOLOGY

Sociology 213. PRINCIPLES OF SOCIOLOGY. A study of the person and his world: the social processes, including cooperation, conflict, accommodation, and assimilation and the means of social integration, including the various institutions such as the family, the school, the church, business, and the state.

Every fall — 3 hours

Sociology 223. SOCIAL PROBLEMS (also Environmental Science 223). A general study of the problems created by dependents, defectives, and delinquents, and by the existence of intemperance, was, family disorganization, crime, and poverty. Prerequisite: Sociology 213.

Every spring—3 hours

Sociology 303. SOCIAL PSYCHOLOGY (Same as Psychology 303). A study of social and group factors affecting individual behavior. Attention is given to the development of attitudes, leadership roles, group thinking, sources of conflict, effects of competition and cooperation, analysis and evaluation of propaganda techniques, and the influence of mass communication on social awareness and control. Prerequisite: Psychology 213 or Sociology 213.

Every spring—3 hours

Sociology 313. CULTURAL ANTHROPOLOGY (also Environmental Science 313). A study of social cultures which have developed in human society. Attention is given to primitive peoples in comparison with our own and other cultures. The origin and development of the cultures, their technologies, economies, social organizations, and beliefs are surveyed.

Fall, 1975, and alternate years—3 hours
CRIMINAL JUSTICE

Summer, 1974, and every fall — 3 hours

Serious of American Immigration Policy are also considered.

Summers, 1974, and every fall — 3 hours

Evolution and progress of modern living. Pre-requisite: Junior standing.

Every fall — 3 hours

Serious of American Immigration Policy are also considered.

Evolution and progress of modern living. Pre-requisite: Junior standing.

Summers, 1974, and every fall — 3 hours

Serious of American Immigration Policy are also considered.

Evolution and progress of modern living. Pre-requisite: Junior standing.

Summers, 1974, and every fall — 3 hours

Serious of American Immigration Policy are also considered.
Criminal Justice 213. INTRODUCTION TO THE PROCESSES OF CRIMINAL JUSTICE. An overview of the philosophy, development, constitutional limitations, and agencies of criminal justice. Attention is also given to an evaluation of contemporary processes of criminal justice. Prerequisites: Sociology 223 or permission of the instructor.

Fall, 1974; Spring, 1976 — 3 hours

Criminal Justice 223. INTRODUCTION TO CORRECTIONAL SCIENCE. Historical development of the American probation, penitentiary, parole, and court systems will be surveyed, as well as their relationship to one another and to society at large. Prerequisite: Criminal Justice 213 or permission of the instructor.

Fall, 1974; Spring, 1976 — 3 hours

Criminal Justice 233. CRIMINAL LAW. The philosophy and origins of our criminal statutes, both in Arizona and broadly on a national level. Classifications of types and levels of crimes are studied; the various penalties for each and by general types are reviewed. Elements of the offense, parties to it, and differing levels of involvement are noted. Prerequisite: Criminal Justice 213 and 223, or permission of instructor. Spring, 1975 — 3 hours

Criminal Justice 313. RULES OF EVIDENCE. The origin, development, and philosophy and legal basis of criminal evidence; constitutional and procedural considerations affecting arrest, search and seizure of offenders and their property. The kinds and degrees of evidence, and court (legal) rules governing admissibility of evidence; proper preservation of evidence to retain its admissibility. Some time is given to studying specific court cases which set forth and interpret the individual's rights with respect to evidence. Prerequisite: Criminal Justice 213 or permission of instructor.

Fall, 1975 — 3 hours

Criminal Justice 323. JUSTICE SYSTEM STRUCTURE. An in-depth study and review of the constitutional, statutory and interpretive basis for operation of the various segments of the criminal justice system. The empowering acts for police, probation, courts, detention units, prisons, paroles and community-based corrections. Appellate court decisions serving to limit or expand the basic operations of these segments; administrative limitations and interpretations utilized; mutual agreement interpretations of functional roles reached through the organizations representing practitioners in these various segments are all studied to provide the student a basic understanding of what can be expected from each segment. Prerequisite: Criminal Justice 223 or permission of the instructor.

Spring, 1976 — 3 hours
Criminal Justice 473. SPECIAL PROJECTS IN CRIMINAL JUSTICE

Fall, 1975 — 3 hours

Reports, Preparatory: Junior Standing. Needs and Interests: Practitioner. Pre-requisite: Criminal Justice 223. Junior standing; reliable Criminal Justice agency. This study will be adapted to individual course designed for students who have worked for a substantial period in a field of Criminal Justice. A course designed for students with background in Criminal Justice. A review of the field of Criminal Justice.

Criminal Justice 474. TECHNICAL REPORT WRITING. Basic concepts of reports. Practical exercises in gathering information and writing reports. Preparation of reports as adapted to the field of Criminal Justice. A field report of the field of Criminal Justice.

Spring, 1975 — 3 hours

Criminal Justice 475. TECHNICAL REPORT WRITING. Basic concepts of reports. Preparation of reports as adapted to the field of Criminal Justice. A field report of the field of Criminal Justice.

Fall, 1974-4 — 3 hours

Criminal Justice 476. TECHNICAL REPORT WRITING. Basic concepts of reports. Preparation of reports as adapted to the field of Criminal Justice. A field report of the field of Criminal Justice.

Spring, 1975 — 3 hours

Criminal Justice 477. TECHNICAL REPORT WRITING. Basic concepts of reports. Preparation of reports as adapted to the field of Criminal Justice. A field report of the field of Criminal Justice.
Spanish
German
French
Drama
Speech
Journalism
English
Art

Modern Languages
English and Speech
Art

HUMANITIES
Department of
DEPARTMENT OF HUMANITIES

Courses in the humanities at Grand Canyon College are designed to acquaint students with the best that men have felt and thought and with the means by which they have expressed these experiences. Attention is also given to the cultural influences which helped produce these attitudes toward life and these efforts toward the realization of knowledge and beauty.

It is believed that such an enrichment of mind and emotion can best be gained through first-hand contact with the materials and techniques of thought and expression. For this reason, emphasis is placed upon direct experience with literature, language, art, drama, speech, and writing.
Fall, 1974, and alternate years — 3 hours

ART 243, BASIC DESIGN. Designed to introduce the student to the basic principles and elements of design while working in various two-dimensional media with emphasis upon color, form, space, and texture in various two-dimensional media. The student explores line, color, form, space, and texture in various two-dimensional media. The student explores line, color, form, space, and texture in various two-dimensional media.

Spring, 1976, and alternate years — 3 hours

ART 233, THEATRICAL AND THEATRE DESIGN. (Same as Drama Art 233, THEATRICAL AND THEATRE DESIGN. (Same as Drama

Spring, 1977, and every summer — 3 hours

ART 213, LIFE DRAWING. Development of skill and expression through life drawing. The human figure from live models. Studio problems will also include portrait drawing from models in choir and panel. Practice in drawing the human figure from live models. Studio problems will also include portrait drawing from models in choir and panel.

Every semester and summer — 2 hours

ART 221, ART APPRECIATION. Designed to introduce the student to the appreciation of art and art criticism through the study of the visual arts and their function in contemporary society and to stimulate an active appreciation through the study of the visual arts and their function in contemporary society and to stimulate an active appreciation through the study of the visual arts and their function in contemporary society.

Fall, 1975, and alternate years — 3 hours

ART 203, BEGINNING DRAWING. Development of fundamental technical skills in linear and perspective drawing with pencil, charcoal, pen, and ink. Wash, pen, and other drawing media. Studio problems include drawing from still life and nature. Wash, pen, and other drawing media. Studio problems include drawing from still life and nature.

A major in Art may be arranged under the direction of the Art Department with the approval of the Vice-President for Academic Affairs.

A minor in Art may be arranged under the direction of the Art Department with the approval of the Vice-President for Academic Affairs.

4 semester hours

ART 333

3 semester hours

ART 313

3 semester hours

ART 243 or 233

Requirements for a Minor in Art

ART
Art 253. THREE DIMENSIONAL DESIGN. A course introducing elementary principles involved in the use of additive and subtractive techniques in the arrangement of clay, wood, plaster, paper, etc.  

*Spring, 1975, and alternate years — 3 hours*

Art 303. ART FOR TEACHERS. Designed to help the student develop teaching procedures involving art through various experiences using a variety of art media. Includes the planning of displays and class projects and the correlating of art with other subject matter.  

*Every summer — 3 hours*

Art 313. PAINTING MEDIA AND TECHNIQUES. Designed to acquaint the student with the materials and techniques of all varieties of painting, with emphasis on water soluble media. The studio situation includes work with still life, figure, and landscape. Prerequisites: Art 203 and 213.  

*Every fall — 3 hours*

Art 332. ART WORKSHOP. With no prerequisite, this course is designed to afford those without previous art experience the opportunity to explore in any media they may choose. At the same time, advanced students may develop further skills at a chosen medium in a workshop situation. May be repeated for credit not to exceed six semester hours.  

*Every fall and every summer — 2 hours*

Art 333. ART HISTORY. A survey of painting, sculpture, and architecture from the 13th century A.D. to the present time. Lectures are accompanied by colored slide presentations and class discussion.  

*Every spring — 3 hours*

Art 343. ADVANCED PAINTING. Primarily intended as a further study in the techniques of painting in oils. The studio situation includes work with still life, landscape, and portraiture. May be repeated for credit not to exceed six semester hours. Repeating students may work in other media with the instructor's approval; ventures into abstract and non-objective painting will be encouraged. Prerequisites: Art 203, 213, and 313.  

*Every spring — 3 hours*

**ENGLISH AND SPEECH**

The instruction given in English has three objectives—two of them for every student who shall graduate from Grand Canyon College and the third specifically for those students who possess or develop a major interest in language and literature. The first objective is that the student may acquire a command of clear and effective English, spoken and written, in order that
English 313, 323 (at least 3 hours recommended)

English 113 and 123, English 213 and 223

24 hours meet the North Central requirements for secondary school

teachers

Repeating credits for a teaching minor in English

Electives may include 3 hours of speech or drama.

III. Period Courses (English 303, 333, 373, 383, 463

II. Type Courses (English 333, 334, 423

I. American Literature (English 313, 323

Groups:

division work in English must include one course each of the following

Spanish is a good choice for any who wish to learn a foreign language. The upper

num of 14 hours in a foreign language. French or German is preferred, but

hours 12 of which must be upper division. English majors should have a mini-

The English major shall consist of English 213 and 223, and 24 additional

(P. A. degree)

Requirements for a major in English

Development of English and American literature and

and should have a knowledge of the authors whose works illustrate the

authored work. The student who has

English should be equipped to write effectively and

and knowledge involved in the first two objectives and the pursuit of these

objects of the major in English, is able to specialize in a foreign language. The third

secure a position of intelligent leadership in the American com-


Department of Humanities
Speech or drama course  3 hours
English 343, 363, 483 (6 hours recommended)  6 hours
*English 473  3 hours  

27

(Since English 473 substitutes for a certificate course, Education 453, The Teaching of Reading, is also recommended.

*Students preparing to teach English at the secondary level are required to take English 473. This may be substituted for High School Education 323 in meeting certification requirements.

Requirements for a minor in English
English 113 and 123; English 213 and 223  12 hours
Upper division courses in English  6 hours

Requirements for a major in Theatre-Speech
The Theatre-Speech major shall consist of 33 hours, 12 of which must be upper division. A minimum of 6 hours must be taken with an instructor other than the major professor. Course work should be chosen from the following groups:

I. Speech 113, 123, 223  3-9 hours
II. Drama 113, 123  3-6 hours
III. Drama 233, Speech/Drama 333  3-9 hours
IV. Speech 323, 353  3-6 hours
V. Drama 213, 313  6 hours
VI. Drama 253, 353  3-6 hours
VII. January term courses  3-6 hours

Requirements for a minor in Speech*
Speech 113, 123  3-6 hours**
Speech 323, 353  6 hours
Speech 223 and any performing drama course  6 hours
Electives to total 18 hours

Requirements for a minor in Theatre*
Drama 113, 123  3-6 hours
Drama 233  3-6 hours
Speech 113, 123  3-6 hours**
Drama 213, 313, 253, 353  6-12 hours
Electives to total 18 hours

*To be certified in theatre or speech, a student must present a teaching minor of at least 24 semester hours. Additional information may be secured from department personnel.

**Depending upon previous experience.
Spring, 1973, and alternate years—3 hours

Short stories. Prerequisites: English 113 and 123 and Junior standing. Mean the different types, the analysis of technique, and the reading of many English 331. THE SHORT STORY. A study of the short story, its develop-
and Junior standing

Spring, 1974, and alternate years—3 hours

and the essay through the 19th century. Prerequisites: English 113 and 123

English 332. AMERICAN LITERATURE. In this course the emphasis is

Fall, 1974, and alternate years—3 hours

are studied. Papers and reports are required. Prerequisites: English 113 and

English 313 and 123 and junior standing. The emphasis is placed on the

English 313. AMERICAN LITERATURE. A study of the background and

spring

113 and 123.

English 223. ENGLISH LITERATURE. A continuation of English 213.

Every fall—3 hours

Given to the social and philosophical concepts. Prerequisites: English 113

English 213. ENGLISH LITERATURE. A study of English literature from

Every semester and every summer—3 hours

students' own compositions. IMPORTANT: The same instructors are not in the

English 113. COMPOSITION AND LITERATURE, A continuation of

English 113. GRAMMAR AND COMPOSITION. Designed to train stu-
English 343. ADVANCED COMPOSITION. A course which provides for daily practice in writing, extensive reading, and the analysis of selected library works. Prerequisites: English 113 and 123 and junior standing.

*Spring, 1975, and alternate years — 3 hours*

English 353. CONTEMPORARY BRITISH AND AMERICAN POETRY. A study of the representative poets of the 20th century. The trends and influences are carefully considered. Emphasis is placed on such poets as Frost, Sandburg, T. S. Eliot, and the more recent poets. Extensive reading and some writing is required. Prerequisites: English 213 and 223.

*Fall, 1974, and alternate years — 3 hours*

English 363. ADVANCED GRAMMAR. A study of syntax, form, and mechanics of English grammar in the light of its historical background. Prerequisites: English 113 and 123 and junior standing.

*Spring, 1975, and alternate years — 3 hours*

English 373. ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY. A study of selections from Defoe, Swift, Addison, Steele, Pope, Johnson, Thomson, Collins, Gray, Goldsmith, Burke, Paine, and others. The most important prose and poetry of the century are examined. Prerequisites: English 213 and 223.

*Fall, 1974, and alternate years — 3 hours*

English 383. THE ROMANTIC PERIOD IN ENGLISH LITERATURE. A study of much of the poetry and prose produced in England between 1798 and 1832. An attempt is made to arrive at a definition and understanding of romanticism. Prerequisites: English 213 and 223.

*Fall, 1975, and alternate years — 3 hours*

English 423. THE BRITISH NOVEL. A study of the development of the British novel. Representative novels are read and discussed. Prerequisites: English 213 and 223.

*Spring, 1975, and alternate years — 3 hours*

English 433. SHAKESPEARE. A study of important early Shakespearean plays, with attention given to their types and sources, as well as to Shakespeare's development as a dramatist. Prerequisites: English 213 and 223.

*Fall, 1975, and alternate years — 3 hours*

English 443. SHAKESPEARE. A continuation of English 433. An intensive study of the great Shakespearean tragedies and later comedies. Prerequisites: English 213 and 223.

*Spring, 1976, and alternate years — 3 hours*
Speech 113, Fundamentals of Speech, 3 hours

Speech courses are offered in speech, drama, radio, and television.

Writing

English 113, Introduction to English, 3 hours

Writing is the most important skill in any profession. This course covers grammar, punctuation, and the mechanics of writing.

English 213, Composition, 3 hours

This course focuses on the development of coherent, well-organized writing.

English 223, English Literature, 3 hours

This course covers the development of literature from the Middle Ages to the 20th century.

English 313, American Literature, 3 hours

This course focuses on the development of American literature.

English 323, Shakespeare and the Elizabethans, 3 hours

This course covers the works of William Shakespeare and the Elizabethan era.

English 413, Advanced Composition, 3 hours

This course is for students who have completed English 223 and want to further develop their writing skills.

English 423, Advanced Grammar, 3 hours

This course focuses on advanced grammar rules and their application in writing.

English 433, Advanced Reading, 3 hours

This course focuses on the development of reading comprehension and critical thinking skills.

English 443, Advanced Literature, 3 hours

This course covers the development of literature from the 17th century to modern times.

English 453, Milton, 3 hours

This course focuses on the works of John Milton, including his prose and poetry.

English 463, Shakespeare, 3 hours

This course focuses on the works of William Shakespeare, including his plays and sonnets.

English 473, The Teaching of English, 3 hours

This course is for students who are planning to teach English at the secondary level.

English 483, Seminar in Writing, 3 hours

This course is for students who have shown exceptional ability in writing and who are capable of doing independent research.

Jounalism

Spring, 1976, and alternate years — 3 hours

Junior standing and permission of the department.

English 113 and 123

This course covers the basics of journalism, including writing, editing, and reporting.

English 213 and 223

This course focuses on the development of writing skills in journalism.

English 313 and 323

This course covers the development of journalism in the 20th century.

English 413 and 423

This course is for students who are planning to teach English at the secondary level.

English 433 and 443

This course covers the development of writing skills in journalism.

English 453 and 463

This course focuses on the works of John Milton and William Shakespeare.

English 473

This course is for students who are planning to teach English at the secondary level.

English 483

This course is for students who have shown exceptional ability in writing and who are capable of doing independent research.
Speech 123. INTRODUCTORY PUBLIC SPEAKING AND DISCUSSION. A study of the technique and practice of public discussion. Provision is made for practice in various types of public speeches. Prerequisite: Speech 113 or evidence of adequate background.  
Every spring — 3 hours

Speech 211. INTERCOLLEGIATE FORENSICS. Designed to prepare students to participate in intercollegiate debate and other forensic activities. It may be repeated for credit not to exceed a total of four semester hours. Prerequisite: Speech 113 or consent of the instructor.  
On demand — 1 hour

Speech 223. PERSUASIVE SPEAKING AND ARGUMENTATION. Designed to develop skill in the recognition and use of various forms of persuasive speaking for informal and formal occasions. Special attention is given to the developing of argument, the defining of issues, the marshalling of evidence, and the techniques of argument. Prerequisite: Speech 113 or 123.  
Fall, 1975, and alternate years — 3 hours

Speech 323. VOICE AND DICTION. A study of phonetics, principles of voice production, vocabulary building, and the correction of weaknesses in voice production and enunciation. Prerequisite: Speech 113 or 123.  
Fall, 1974, and alternate years — 3 hours

Speech 333. TELEVISION AND RADIO BROADCASTING (Same as Drama 333.) An introduction to the psychology and techniques of television and radio programming and administration, with particular emphasis on scripting and producing television and radio programs for actual broadcast. The course encompasses both performance and production elements: directing, announcing, acting, writing, music selection, recording techniques, and an introduction to F.C.C. regulations  
Spring, 1975, and alternate years

Speech 353. ORAL INTERPRETATION OF LITERATURE. A study of the methods and techniques of interpretative oral reading of varied types of literature. Prerequisite: Speech 113 or 123.  
Spring, 1975, and alternate years — 3 hours

DRAMA

Drama 113. ACTING I. Principles of pantomime and dramatic action designed to establish the proper relationship of the voice to the body and its functions in the interpretation of character. Designed also to develop coordination, grace, physical presence and facility in the actor, vocalist, teacher,
Introduction of P.C. regulations, Spring, 1973, and thereafter years—3 hours

Announcing, acting, writing, music selection, recitation, and use of drama to promote a sense of community. Courses in directing, producing, and participating in radio programs. The student is introduced to the philosophy and techniques of radio and television (same as Drama 333, Radio Broadcasting). 3 hours

Fall, 1973, and thereafter years—3 hours

in dramatic production from its known beginnings to modern times

Drama 313, History of THEATRE. Takes the major developments

Every fall—3 hours

are studied.

In the beginning was the word, and the word was the incarnation of dramatic activity, the dramatic word. The name of the word is music. From the spirit of music was born the first of the great religions, Christianity. The art of directing dramas with music takes on new meaning.

Drama 232, CHRISTIAN DRAMA: DIRECTING AND PERFORMING

not to exceed six semester hours. Every semester except Fall, 1973—3 hours

may be required for career preparation. Oratory work includes the preparation of a play. May be repeated for credit.

In the art of directing, directing, and costume, the study of scenic, lighting, and costume. The art of designing scenery, lighting, and costume. The study of scenic, lighting, and costume. The study of scenic, lighting, and costume.

Drama 233, STAGECRAFT AND THEATRICAL DESIGN

Instructor

Spring, 1976, and thereafter years—3 hours

Dramatic experience is provided for prospective Speech 112 of approval of

Dr. James B. Kline, Head of Drama. The study of dramatic literature, period styles, and various types of drama. Aural and written criticism. Examination of character. Two hours per week in studio work and in participation. Two hours per week in studio work and in participation. Two hours per week in studio work and in participation. Two hours per week in studio work and in participation. Two hours per week in studio work and in participation.
Drama 353. CHRISTIAN DRAMA: DIRECTING AND PERFORMING. Advanced and continuing studies for the student who has successfully completed Drama/Religion 253.  

**Every fall — 3 hour**

**MODERN LANGUAGES**

The study of modern languages enlarges the student’s awareness and appreciation of other cultures by helping him to develop tools of language which will enable him to pursue new interests. The materials and methods of presentation employed by the department are grounded in the belief that there is a high degree of correlation between one’s appreciation of other cultures and one’s ability to use their languages.

Language courses should be taken consecutively.

Credit for the first semester of a language is granted to students only upon the completion of the second semester’s work.

In evaluating high school work in a language, two years may count as the equivalent of three semester hours. The individual instructor determines the level at which students should begin their college language.

Fourteen hours of one language (or equivalent) are recommended for B.A. degree programs.

January term courses offer opportunity for students to gain further familiarity with the language of their choice.

One who is planning to teach foreign language at secondary level must have 20 semester hours in each foreign language to which he is to be assigned. Additional information may be secured from faculty personnel.

**FRENCH**

French 114. ELEMENTARY FRENCH. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading.  

**Every Fall — 4 hours**

French 124. ELEMENTARY FRENCH. A continuation of French 114. Prerequisite: French 114 or equivalent.  

**Every Spring — 4 hours**

French 213. INTERMEDIATE FRENCH. Review, composition, conversation, and graded reading. Prerequisite: French 124.  

**Every Fall — 3 hours**

French 223. INTERMEDIATE FRENCH. A continuation of French 213.  

**Every Spring — 3 hours**
Spanish 223. INTERMEDIATE SPANISH. A continuation of Spanish 213.

Spanish 213. INTERMEDIATE SPANISH. Grammar review, conversation, and composition, together with graded reading and pronunciation.

Spanish 124. ELEMENTARY SPANISH. A study of the fundamentals of Spanish.

German 223. INTERMEDIATE GERMAN. A continuation of German 213.

German 213. INTERMEDIATE GERMAN. Grammar review, conversation, and composition, together with graded reading and pronunciation.

German 124. ELEMENTARY GERMAN. A study of the fundamentals of German.
Voice
Piano
Organ
Instrumental Music
Music Education
Music Theory and History
Ensembles
Department Regulations

Music
Department of
DEPARTMENT OF MUSIC

Courses in the music department are open to non-majors or minors, depending upon proficiency and background, which may be determined by an audition or conference with instructors.

One hour of credit is given for each semester of vocal, instrumental, or piano ensemble. A combined maximum of six hours may be counted toward a degree, with not more than four hours in any one area.

Courses in applied music are very demanding, and students who major or minor in music or who elect to take courses in applied music should be aware at the time they enroll of the demands upon their time for practices and performance.

PARTICIPATION IN GROUP PERFORMANCE

Seven semesters of participation for music majors and three semesters for music minors must be fulfilled in the major ensembles: Wind Ensemble, Orchestra, Oratorio, Choralaires, and Piano Ensemble. Majors may audit or participate as an extra-curricular activity in the smaller ensembles.

For non-majors or minors, elective credit (1 hour) may be given for such authorized smaller ensembles as Stage Band.

Choral Music

The Oratorio Society is an organization formed for the purpose of presenting oratorios and operas. An opera or oratorio is presented each semester. Membership is open to all students. Persons who enroll for Music 111 are members of the Society.

The Choralaires is an organization whose members are chosen by audition from the Oratorio Society. In addition to rehearsing with the parent group, the unit rehearses separately and presents concerts throughout the year in high schools, in churches, and on the campus, as well as on radio and television. The highlight of the year is the annual spring tour. The repertoire includes program selections from the better choral works of both sacred and secular music.

Instrumental Music

Wind Ensemble and Orchestra are open to all students who are reasonably proficient in playing an instrument and who desire to receive experience
less, he will attend 40 per cent of the recitals. If he is taking six hours or
than 6, he will attend 50 per cent of the recitals. If the is taking 12 semester hours or more

If a music major is taking a total of less than 12 semester hours but more
music students 40 per cent.

Recitals are required attendance at recitals. Full-time music majors are required to
attend 75 per cent of all music recitals; minors 50 per cent, and other applied

Recitals to submit acceptable original compositions.

A student majoring in theory is required in place of Junior and Senior

Incomplete grades in General Academic Regulations, p. 64.
(See p. 25.)

If for some unforeseen reason the recital cannot be performed during that

(See p. 25.)

a Junior recital or Senior recital class can and paying the proper fee.

Application for Junior or Senior Recital: Application for a Junior or

course of study within the year

Applications for Junior or Senior Recital: Application for a Junior or

senior presentations, and who give evidence of being able to complete this

course of any of the courses in the senior course, having completed his

one who is following the prescribed senior course, having completed his

be completed no later than two weeks before commencement. A senior is

each degree candidate with an applied music concentration and must

Senior Recital: A senior recital individually performed, is required of

their joint recital program.

Junior Recital: An prerequisite to senior level work, a junior recital is

governing these are determined by the department to applied music students. 

All applied music students are expected to perform at the discretion

Recitals

of these groups will enroll in Instrumental Music 111.

Students who qualify, by audition with the Director, for membership in one

in the performance of the great masterpieces of band and orchestral literature.
An unsatisfactory record in recital attendance must be made up by fulfilling the designated number of recital performances. This may be done at other college or university recitals and programs. Failure to have satisfactory recital attendance will result in postponed graduation until all unsatisfactory recital records have been removed from the student's permanent academic record.

CONCERT ATTENDANCE REQUIREMENT

Music and Music Education majors are required to attend at least three artist concerts each semester. Minors must attend two artist concerts and other applied students, one.

PUBLIC PERFORMANCE

Groups and individual performers are frequently sent out in response to requests from churches, clubs, and schools. Students enrolled in applied music courses are encouraged, in consultation with their applied music instructors, to participate in public performances.

PRIVATE LESSONS

Length of Lessons and Practice. In order to receive one hour of credit for organ, piano, voice, or orchestral instruments, the student is required to take one lesson of one-half hour duration each week and to practice a minimum of one hour daily, six days each week. For two hours of credit, two separate one-half hour lessons are scheduled and the practice time is increased to ten hours per week.

Absence from Private Lessons. Lessons missed because of the student's negligence are not made up. Lessons missed because of unavoidable circumstances or because of the absence of the instructor are made up at a time suitable to both persons. A student is expected to notify the instructor of an anticipated absence at least four hours before the scheduled lesson.

Change of Teacher or Concentration. When a student desires to change his applied music teacher or his concentration, he makes written request to the Chairman of the Department and a conference is scheduled with the music faculty.

Applied Music Jury Examination. All Music and Music Education majors and minors are required to perform before a jury of music faculty members for the final semester grade, which is determined by the quality of performance and evidence of growth exhibited in this examination.
Satisfactory record in recent attendance.

3. Music Literature Examination (or pass the requirements of Music 422)
   b. For piano or organ concentration, minimum of two semesters of
   plus three semesters from other ensembles.
   a. Four semesters of choral for either choir, orchestra, or wind ensemble,

4. Participation in accompanying.

2. Completion of the following laboratory requirements:
   e. Vocal Proiciency Examination (for instrumental concentrations only)

   d. Instrumental Proiciency Examination (brass, woodwinds, strings)

   c. Piano Proiciency Examination (for all except organ or piano

   b. Conducting Test (either choral or instrumental)

   a. Sight Singing Test

1. Completion of the following tests:
   a. Sight Read a simple piece.

To student teaching in music.

The following music requirements must be completed prior to admission

STUDENT TEACHING

By the Grand Canyon College music faculty

transferred from another institution must be validated by an examination

Credit in applied music theory, ear training, and sight singing which is

PLACEMENT OF TRANSFER STUDENTS

A proiciency examination is required of all Music Education majors with

PIANO PROFICIENCY EXAMINATION

Department of Music
Requirements for a major in Music
(B.A. degree)

A student who desires to earn a Bachelor of Arts degree with a major in Music may choose one of five fields of concentration:

1. Instrumental (orchestral) Concentration
   Private Instrument 16 hours
   Music 114, 124, 214, and 224 16 hours
   Music 333 and 343 6 hours
   Piano, organ* 4 hours
   Electives in Music ***
   Wind Ensemble, Orchestra (4 semesters) 4 hours

2. Organ Concentration
   Private Organ 16 hours
   Music 114, 124, 214, and 224 16 hours
   Music 333 and 343 6 hours
   Organ 431 1 hour
   Electives in Music ***
   Ensemble (4 semesters, preferably
   Wind Ensemble, Orchestra, and Choral Music) 4 hours

3. Piano Concentration
   Private Piano 16 hours
   Music 114, 124, 214, and 224 16 hours
   Music 333 and 343 6 hours
   Electives in Music ***
   Ensemble (4 semesters,
   2 in Piano Ensemble) 4 hours

4. Theory Concentration
   Music 114, 124, 214, 224, 313, 322, 332, and 402 25 hours
   Music 333 and 343 6 hours
   Applied Music (at least 4 hours in Piano, organ*) 8 hours
   Electives in Music ***
   Ensemble (4 semesters, preferably
   Wind Ensemble, Orchestra, and Choral Music) 4 hours
<table>
<thead>
<tr>
<th>Hours</th>
<th>Music 333: Piano Ensemble (4 semesters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Music IIA, IIB, IIIA, IIIB, IIIA, IIIB, IIIA, IIIB</td>
</tr>
<tr>
<td>3</td>
<td>Voice IIA, IIB, IIIA, IIIB, IIIA, IIIB</td>
</tr>
<tr>
<td>1</td>
<td>Piano, Organ</td>
</tr>
<tr>
<td>4</td>
<td>Voice</td>
</tr>
<tr>
<td>3</td>
<td>Piano or Organ</td>
</tr>
</tbody>
</table>

2. **Voice**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Music 333: Vocal Ensemble (4 semesters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Music IIA, IIB, IIIA, IIIB, IIIA, IIIB</td>
</tr>
<tr>
<td>3</td>
<td>Voice IIA, IIB, IIIA, IIIB, IIIA, IIIB</td>
</tr>
<tr>
<td>3</td>
<td>Piano, Organ</td>
</tr>
<tr>
<td>4</td>
<td>Voice</td>
</tr>
</tbody>
</table>

3. **Voice Concentration**

---

The student may choose one of the following fields of concentration:

- **1. Orchestral Instrument (no voice required)**
- **2. Voice**
- **3. Voice Concentration**

---

*Requirements for a minor in Music*
Requirements for a major in Music Education
(For persons planning to teach public school music)
(B.S. degree)

A student who desires to work toward certification for teaching music in elementary or high school and at the same time earn a college degree works toward the Bachelor of Science degree as outlined on page 83. He meets the requirements for Elementary Certificate or Secondary Certificate (see pages 98-99), all the requirements listed below in Category I, and the requirements in one of the fields of concentration listed in Category II. Before being admitted to apprentice teaching in Music, he must also meet the Music Department requirements prerequisite to student teaching (see p. 151).

For prospective teachers of music in high school, a minor of at least 18 hours in some teaching subject other than music is required.

Category I  (The student takes all of these courses.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music Education 333 and 413</td>
<td>6</td>
</tr>
<tr>
<td>Music Education 211, 221, 231, and 241</td>
<td>4</td>
</tr>
<tr>
<td>Music Education 372 and 382</td>
<td>4</td>
</tr>
<tr>
<td>Music 114, 124, 214, 224</td>
<td>16</td>
</tr>
<tr>
<td>Music 323</td>
<td>3</td>
</tr>
<tr>
<td>Music 333 and 343</td>
<td>6</td>
</tr>
<tr>
<td>Music 422 (suggested elective)*</td>
<td></td>
</tr>
<tr>
<td>Guitar 111</td>
<td>1</td>
</tr>
</tbody>
</table>

Category II  (The student selects one of these areas of concentration.)

1. Orchestral Instrument Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Instrument</td>
<td>8</td>
</tr>
<tr>
<td>Piano, Organ **</td>
<td>3</td>
</tr>
<tr>
<td>Music Education 312</td>
<td>4</td>
</tr>
<tr>
<td>Wind Ensemble, Orchestra, Band (7 semesters of participation)</td>
<td>4</td>
</tr>
<tr>
<td>Choral Music (Participation recommended)</td>
<td>No</td>
</tr>
</tbody>
</table>

Grand Canyon College
No credit (Recommended)

Wind Ensemble, Orchestra (Participation)
Choral Music (7 semesters of participation)
Music Education 402
Piano, Organ
Voice

S. Voice Concentration

4 hours

and Choral Music
Piano, Ensemble, Wind Ensemble, Orchestra,
Choral Music (4 semesters, preferably in
Organ)

Applied Music (at least 3 hours in Piano,
Music 333 and 343
Music 114, 124, 214, 224, 313, 322, 332, 342, and 402

4 Theory Concentration

4 hours

or Instrumental Ensembles
Preferably in Piano, Ensemble, Choral Music,
Music 7 semesters of participation,
Music 313
Voice
Private Piano

3 Piano Concentration

4 hours

or Orchestra
Preferably in Choral Music, Wind Ensemble,
Music 7 semesters of participation,
Music 313
Voice
Private Organ

2 Organ Concentration

314
Requirements for a minor in Music Education*

The student may choose one of the following fields of concentration:

1. Orchestral Instrument Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchestral Instrument</td>
<td>3</td>
</tr>
<tr>
<td>Piano, Organ</td>
<td>2</td>
</tr>
<tr>
<td>Music 114</td>
<td>4</td>
</tr>
<tr>
<td>Music Education 371</td>
<td>1</td>
</tr>
<tr>
<td>Music Education 333 or 413</td>
<td>3</td>
</tr>
<tr>
<td>Music Education 211, 221, 231, or 241**</td>
<td>2</td>
</tr>
<tr>
<td>Wind Ensemble, Orchestra</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Voice Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice***</td>
<td>3</td>
</tr>
<tr>
<td>Piano, Organ</td>
<td>2</td>
</tr>
<tr>
<td>Music 114</td>
<td>4</td>
</tr>
<tr>
<td>Music Education 371</td>
<td>1</td>
</tr>
<tr>
<td>Music Education 333 or 413</td>
<td>3</td>
</tr>
<tr>
<td>Music Education 211, 221, 231, or 241**</td>
<td>2</td>
</tr>
<tr>
<td>Choral Music</td>
<td>3</td>
</tr>
</tbody>
</table>

3. Piano or Organ Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano or Organ</td>
<td>3</td>
</tr>
<tr>
<td>Voice***</td>
<td>2</td>
</tr>
<tr>
<td>Music 114</td>
<td>4</td>
</tr>
<tr>
<td>Music Education 371</td>
<td>1</td>
</tr>
<tr>
<td>Music Education 333 or 413</td>
<td>3</td>
</tr>
<tr>
<td>Music Education 211, 221, 231, or 241**</td>
<td>2</td>
</tr>
<tr>
<td>Choral Music, Wind Ensemble, Orchestra, Piano Ensemble</td>
<td>3</td>
</tr>
</tbody>
</table>

*A person who desires to qualify for music or music education as a minor teaching field must present at least 24 semester hours in the appropriate concentration. Additional information may be secured from faculty personnel.

**It is suggested that the student take, as electives, Music 422 and the two instrument courses which are not taken as requirements.

***Student must take concurrently Voice Diction I with the first semester of voice study and Voice Diction II with the second semester of voice study.
Music 22. MUSIC APPRECIATION. Designed to continue to the understanding of music, and develop sensitivity to musical expression. Four hours.

Music 24. ADVANCED THEORY OF MUSIC. A continuation of Music 22. Four hours.

Music 124. ELEMENTARY THEORY OF MUSIC. A continuation of Music 24. Four hours. 

Music 14. ELEMENTARY MUSIC. The basic elements of order which access to the student's knowledge of the basic elements of music and minor study of music, with emphasis on the development of music major. Two hours. 

Music 14. ELEMENTARY MUSIC. An integrated course in music and music majors. No credit for non-music majors. No credit for music majors. One hour.

Music 111. CHORAL MUSIC. Successive semesters of choral music. May be repeated for credit not to exceed four hours. For credit toward graduation, each semester is counted as one hour. 

Music 112. FUNDAMENTALS OF MUSIC. A course designed to give an elementary understanding of music. July 18. 

Department of Music
music are heard in the hope that the student will gain some insight into music's inner workings and that he will develop a discriminating and intelligent appreciation of the best in music.

*Every semester and every summer — 2 hours*

Music 313. COUNTERPOINT. A practical study of 16th to 18th century counterpoint in its various species in two to four part writing. Prerequisite: Music 224.

*Fall, 1974, and alternate years — 3 hours*

Music 323. FORM AND ANALYSIS. A study of the structure of music: motif and phrase, lied, rondo, variation, sonata, and programmatic forms. Prerequisite: Music 224.

*Every fall — 3 hours*

Music 333. MUSIC HISTORY I. A survey of music from primitive times to the middle of the 18th century A. D. Presents the growth of music through the contrapuntal schools culminating in the work of J. S. Bach. The development of opera and oratorio and the rise of homophonic music are studied.

*Fall, 1974, and alternate years — 3 hours*

Music 343. MUSIC HISTORY II. A continuation of Music 333 from the 18th century to modern times. Study is devoted to the art song, the nationalist schools, the principal composers of the classical, romantic, and modern periods, and masterpieces of these periods.

*Spring, 1975, and alternate years — 3 hours*

Music 402. MODERN HARMONY. An introduction to contemporary compositional devices, providing opportunities for practical understanding through experiences in composing.

*Every spring — 2 hours*

Music 422. MUSIC LITERATURE. A survey of music literature including masterworks of chamber music, symphony, concerto, choral music, and opera, with emphasis on style and aesthetics. Prerequisites: Music 333 and 343.

*Spring, 1975, and alternate years — 2 hours*

**MUSIC EDUCATION**

Music Education 211. BRASS INSTRUMENT CLASS. A practical study of the high and low brass instruments. The student learns to play, care for, and teach each instrument. Prerequisite: Sophomore standing.

*Every fall — 1 hour*
Music Education 372, Bue with more attention given to instrumental music.

Music Education 382, ADVANCED CONDUCTING. A continuation of

Every fall — 2 hours

Sweet of 250, conducted by instructor.

Problems of direction are solved. Group appreciation: Junior

music. Problems of conducting are studied. Percussion: Junior

methods and techniques of conducting. A study of the funda-

mental, elementary.

Music Education 377, CHORAL CONDUCTING. A study of the funda-

amentals.

Every fall — 3 hours

Introductions.

Lessons plans are prepared. Visits are made to observe actual teaching.

First six grades. A study is made of problems encountered with each grade.

Second six grades. A study and demonstration of methods and materials for the

grades.

Music Education 333, MUSIC IN THE PRIMARY AND ELEMENTARY

Schools. An elementary course in the organization and conduct of an instrumental music program.

Every fall — 2 hours

Innuotory, tests and measurements, and hygiene.

Innuotory, tests and measurements, and hygiene.

Music Education 312, INSTRUMENTAL MUSIC ORGANIZATION. An

Introduction to the organization and conduct of an instrumental music program.

Summer, 1972, and alternate years — 2 hours

Special attention is given to the organization of groups.

Special attention is given to the organization of groups.

Music Education 302, MINISTRY OF MUSIC, A survey of music and

Music Education 302, MINISTRY OF MUSIC, A survey of music and

principles of public administration.

Music Education 401, PIANO, A course in the organization of groups.

Music Education 401, PIANO, A course in the organization of groups.

Prerequisite: Sophomore standing.

Prerequisite: Sophomore standing.

Music Education 401, PIANO, A course in the organization of groups.

Every fall — 1 hour

The student learns the basic principles

The student learns the basic principles

of each instrument and how to care for it, as well as how to teach it. Pr- 

of each instrument and how to care for it, as well as how to teach it. Pr-

Every spring — 1 hour

Music Education 241, PERCUSSION INSTRUMENTATION. A practical

Music Education 241, PERCUSSION INSTRUMENTATION. A practical

study of the high and low woodwind instrument. The student learns to play,

study of the high and low woodwind instrument. The student learns to play,

Music Education 231, WOODWIND INSTRUMENT CLASS. A practical

Music Education 231, WOODWIND INSTRUMENT CLASS. A practical

study of the high and low string instrument. The student learns to play,

study of the high and low string instrument. The student learns to play,

Music Education 221, STRING INSTRUMENT CLASS. A practical study

Music Education 221, STRING INSTRUMENT CLASS. A practical study

of the high and low string instrument. The student learns to play,

of the high and low string instrument. The student learns to play,

Music Education 221, STRING INSTRUMENT CLASS. A practical study

Music Education 221, STRING INSTRUMENT CLASS. A practical study

of the high and low string instrument. The student learns to play,

of the high and low string instrument. The student learns to play,

Music Education 221, STRING INSTRUMENT CLASS. A practical study

Music Education 221, STRING INSTRUMENT CLASS. A practical study

of the high and low string instrument. The student learns to play,

of the high and low string instrument. The student learns to play,

Music Education 221, STRING INSTRUMENT CLASS. A practical study

Music Education 221, STRING INSTRUMENT CLASS. A practical study

of the high and low string instrument. The student learns to play,

of the high and low string instrument. The student learns to play,
Includes a study of choral and instrumental literature. Emphasis is placed on score reading, artistic interpretation and the conducting of marches, overtures, symphonies, etc. Prerequisite: Music Education 372.

Every spring — 2 hours

Music Education 402. VOCAL METHODS AND PEDAGOGY. A study of skills for the teaching of voice to individuals or groups. Vocal problems are analyzed and corrected.

Every fall — 2 hours

Music Education 413. MUSIC IN THE JUNIOR AND SENIOR HIGH SCHOOLS. A study of methods for developing and conducting the music program in junior and senior high school, including the organization of choruses and glee clubs, the classification of voices, the development of music appreciation, the selection of music literature, etc. Prerequisite: Music 112 or consent of instructor.

Every spring — 3 hours

INSTRUMENTAL MUSIC

Instrumental Music 111. WIND ENSEMBLE. Provides experience in the performance of music written for wind and percussion instruments. May be repeated for credit not to exceed four hours toward graduation (see p. 148).

Every semester — 1 hour

Instrumental Music 111. ORCHESTRA. Provides experience in the performance of music written for the string and full orchestra. Up to four hours credit toward graduation (see p. 148). By audition. Every semester — 1 hour

Instrumental Music 111. STAGE BAND. Performance of concert literature written for the stage band. For credit or audit, not to exceed four hours toward graduation (see p. 148).

Every semester — 1 hour

Guitar 111. CLASS GUITAR.

Every semester — 1 hour

Instrumental Music 131 or 132. PRIVATE ORCHESTRAL INSTRUMENT. Successive semesters of private instruction in an orchestral instrument. A study of fundamentals of tone production, scales, and technique for playing the instrument of the student's choice. Solo selections for the instrument from recognized composers are studied. Course number and amount of credit are based upon the amount of instruction and practice required.

Every semester — 1 hour or 2 hours
Piano 12. I CLASS PIANO. A continuation of Piano III.

Every spring—1 hour
Every fall—1 hour
Every fall—1 hour

Piano 101. PREPARATORY PIANO. Successive semesters of private piano

Every semester—1 hour

Music majors with no previous piano training, and those who are music majors with no previous piano training but have an intermediate amount of instruction for persons with no previous piano training, eligible for PRIVATE PIANO.

Piano 111. CLASS PIANO. Class instruction in elementary piano for music majors.

Every spring—1 hour

Two years of college organ

Some preparation for accompanying a choral is given in the student's performance.

Two years of college organ

The major organ works written in every historical period.

Organ 41. ORGAN LITERATURE AND ACCOMPANIMENT. Designed

Every semester—1 hour

Consult the amount of instruction and practice required.

Organ 113 or 132. PRIVATE ORGAN. Successive semesters of private

Organ 112. CLASS ORGAN. A continuation of Organ II.

Every fall—1 hour
Every fall—1 hour

Organ 111. CLASS ORGAN. Class instruction in elementary organ for

Students with no previous organ training.

Organ should include a knowledge of the major and minor scales, etc.

Students normally must have completed approximately six years of piano

Organ

Department of Music
Piano 131. PRIVATE PIANO. Successive semesters of private instruction in piano. A study of piano technique, including major and minor scales in octaves, scales in thirds, sixths, and tenths, broken chord exercises, and arpeggios in sevenths. Literature studied includes works by Bach, Mozart, Chopin, Debussy, Beethoven, Prokofiev, and other classic, romantic, and modern composers. Preparation is ultimately made for junior and senior recitals. Course number and amount of credit are based upon the amount of instruction and practice required. 

Every semester — 1 hour or 2 hours

Piano 331. PIANO ENSEMBLE. Provides experience in playing piano literature written for four hands and literature for two pianos. Open to qualified students. Two semesters are required of all piano majors. May be repeated for credit not to exceed two hours, and not to exceed six hours in combination with Wind Ensemble and Choral Music. 

Every semester — 1 hour

VOICE

Voice 111. CLASS VOICE I. Class instruction in the fundamentals of correct breathing, tone production, and diction. A laboratory course, designed for students with little or no previous voice training, to aid in developing vocal ability. Repertoire includes elementary songs. 

Every fall — 1 hour

Voice 121. CLASS VOICE II. A continuation of Voice 111. 

Every spring — 1 hour

Voice 131. PRIVATE VOICE. Successive semesters of private instruction in voice. A study of vocal technique, including fundamentals of voice production, principles of breathing, study of vowels, and essentials of tone production. The technique progressively includes studies of diatonic and chromatic scales, legato, staccato, phrasing, tone color, diction, style and interpretation. Preparation is ultimately made for junior and senior recitals. Course number and amount of credit are based upon amount of instruction and practice required. 

Every semester — 1 hour

Voice 101. VOICE DICTION I. A laboratory devoted to phonetic sounds of English and Italian, aimed at enhancing the ability to sing in these languages. 

Every fall — 1 hour

Voice 201. VOICE DICTION II. Same procedure as Voice 101, except devoted to French and German. 

Every spring — 1 hour
DEPARTMENT OF NATURAL SCIENCE
AND MATHEMATICS

The Department of Natural Science and Mathematics, as an integral part of the liberal arts foundation of Grand Canyon College, endeavors to provide every student with a broad introduction to science and mathematics at the college level. It stresses the spirit and method of science and the concepts and contributions of mathematics. It focuses attention on the social, economic, and political implications of these areas of knowledge and endeavor.

The department also provides appropriate courses for students who desire to specialize in life science, physical science, environmental science, or mathematics and seeks to prepare qualified students for teaching, for graduate study, or for professional training in these areas.
Electives in Environmental Science: 4 hours

Environmental Science 464 (Pollution Decision and Control)
Environmental Science 384 (Human Ecology)
Environmental Science 374 (Aquatic Ecology)
Environmental Science 364 (Atmospheric Science)

(\text{B.S. degree})

Requirements for a major in Environmental Science:

3 hours
Health Ed 333 (Anatomy and Physiology)

6 hours
Mathematics 153, 155 (Calculus I, II)

4 hours
Chemistry 234 (Organic Chemistry)

Students who plan to apply for admission to medical, dental, pharmaceutical, or pre-medical and health science programs should complete a biology major and the following additional courses: 10 hours

Electives in Biology

4 hours
Biology 114 (Genetics)

4 hours
Biology 114 (Botany) or 214 (Zoology)

*Requirements for a minor in Biology:

8 hours
Physics 144, 224 (Introduction and Modern Physics)

18 hours
Chemistry 114, 115 (General Chemistry)

4 hours
Electives in Biology

4 hours
Biology 234 (Genetics)

4 hours
Biology 234 (Microbiology)

4 hours
Biology 114 (Botany) or 214 (Zoology)

(B.S. degree)

Requirements for a major in Biology:

\text{NATURAL SCIENCE AND MATHEMATICS DEPARTMENT OF}}
Requirements for a minor in Environmental Science*
Environmental Science 264  
  (Ecology and Conservation) 4 hours
Environmental Science 384 (Human Ecology) 4 hours
Electives in Environmental Science 10 hours

Requirements for a minor in Earth Science*
Earth Science 304 (Astronomy) 4 hours
Earth Science 314 (Geology) 4 hours
Earth Science 364 (Atmospheric Science) 4 hours
Electives in Earth Science 6 hours

Requirements for a minor in Physical Science*
Chemistry 114 (General Chemistry) 4 hours
Physics 144 or 244 (Intro. or Modern) 4 hours
Physical science electives 10 hours

Requirements for a major in Mathematics  
(B.S. degree)
Mathematics 153, 163, 223, 233 (Calculus I, II, III, IV) 12 hours
Mathematics electives (from 213, 263, or upper division) 18 hours
Physics 144 4 hours

Requirements for a minor in Mathematics*
Mathematics 153, 163 (Calculus I, II) 6 hours
Electives (from Math. 123, 213, 223, 233, 263) 6 hours
Upper division electives in Mathematics 6 hours

*Students who desire to be certified upon graduation in one of these subjects as a teaching minor must complete at least 24 hours in the subject.

MATH-SCIENCE FOR GENERAL STUDIES
The purpose of the Division of Natural Science and Mathematics in General Studies is to provide each student with the opportunity to study the basic concepts of science and mathematics as they apply to everyday life, and to study in depth in at least one area of science through the completion of a laboratory experience. A student may accomplish these goals through the successful completion of Science 114 and any laboratory science course.

Science 114, MATH-SCIENCE CONCEPTS. A study of the historical and philosophical foundations of mathematics and science and the application of these concepts in contemporary society.

Every semester and every summer — 4 hours
BIOL 414. ENTO MOLOCY (also Environmental Science 414). A study of insects including classification, life histories, ecology, behavior, economic roles, agricultural and other practical aspects. Prerequisite: Biology 114 or 214.

BIOLOGY 374. AQUATIC ECOLOGY. An introduction to aquatic ecosystems, including the interrelationships of organisms in aquatic environments.

BIOLOGY 334. MOLECULAR BIOLOGY. See Chemistry 334. BIOCHEM.

Fall, 1973, and alternate years—4 hours

Mechanisms of biological development and the developmental processes are discussed. Prerequisite: Biology 114 or 214.

BIOLOGY 324. GENETICS AND MOLECULAR BIOLOGY. An introduction to the principles and applications of molecular biology, with a study of genetic phenomena and the role of DNA in genetic processes.

BIOLOGY 324. ENVIRONMENTAL MICROBIOLOGY. A study of microorganisms, their interaction with their environment, and their role in ecological processes.

BIOLOGY 264. ECOLOGY AND CONSERVATION. An introduction to the principles and applications of conservation biology, including the role of human populations in maintaining biodiversity and the impact of human activities on the environment.

BIOLOGY 244. GENERAL ZOOLOGY. An introduction to the basic biological principles and processes of life, with a focus on the diversity of life on Earth.

BIOLOGY 114. GENERAL BOTANY. An introduction to the basic biological principles and processes of life, with a focus on the diversity of life on Earth.

BIOL 114. GENERAL BIOLOGY (also Environmental Science 114). An introduction to the biology major, including the study of biology at the secondary school level and the role of biology in society.

The Biology course offerings provide opportunities to study one or more aspects of biology in depth, covering a broad range of topics.

DEPARTMENT OF NURSING AND MATHEMATICS
Certain mathematics courses may apply for advanced placement with regard to students who have completed advanced or accelerated courses in mathematics.

**MATHMATICS**

Every semester

Physics 491, 492, 493, 494. Independent Study. See page 70.

**Requirement:** Knowledge of algebra and non-mathematical approach, although some knowledge of algebra and non-mathematics is helpful. Laboratory experiences are included. No prerequisites.

**Every fall—4 hours**

Mathematics (no calculus). Because and laboratory. No prerequisites.

**Every spring—4 hours**


Statistics. See Mathematics 363.


Environmental Education 343.


Environmental Science 333. Consumer Economics. See Economics 343.

Environmental Science 324. Genetics and Eugenics. See Biology 314.


Environmental Science 313. Anthropology. See Sociology 313.

Environmental Science 234. Microbiology. See Biology 234.


Department of Natural Science and Mathematics
Mathematics 113. LIBERAL ARTS MATHEMATICS. An introduction to various mathematical concepts, with emphasis on the methods and processes of mathematics. Topics from sets, logic, functions, and mathematical systems are included.  
*Every spring — 3 hours*

Mathematics 123. COLLEGE ALGEBRA AND TRIGONOMETRY. A study of basic topics usually treated in college algebra and trigonometry. Primarily for students not intending to major in mathematics. Prerequisite: 2 years or more of high school mathematics.  
*Every summer — 3 hours*

Mathematics 153. ANALYTIC GEOMETRY AND CALCULUS I. A study of concepts of limits, differentiation and integration of algebraic functions and applications. Prerequisite: 3 years or more of high school mathematics.  
*Every fall — 3 hours*

Mathematics 163. ANALYTIC GEOMETRY AND CALCULUS II. A study of definite integrals, transcendental functions, methods of integration, linear equations. Prerequisite: Mathematics 153.  
*Every spring — 3 hours*

Mathematics 213. COLLEGE GEOMETRY. A course in the technique of construction and the procedure of proofs of common geometric figures, particularly adapted to the needs of future teachers of high school mathematics. A brief introduction to non-Euclidean geometry is also included.  
*Every fall — 3 hours*

Mathematics 223. ANALYTIC GEOMETRY AND CALCULUS III. A study of vectors and parametric equations, and of solid analytic geometry. Prerequisite: Mathematics 163.  
*Every fall — 3 hours*

Mathematics 233. ANALYTIC GEOMETRY AND CALCULUS IV. A study of partial differentiation, multiple integrals, infinite series, complex numbers, and functions. Prerequisite: Mathematics 223.  
*Every spring—3 hours*

Mathematics 263. DIFFERENTIAL EQUATIONS. A study of the methods of solution of ordinary differential equations and their application to geometry, mechanics, and physics. Prerequisite: Mathematics 233.  
*Fall, 1974, and alternate years — 3 hours*

Mathematics 333. ANALYSIS I. The real number system, limits and continuity, and differentiation. Prerequisite: Mathematics 233.  
*Fall, 1974, and alternate years—3 hours*
Every semester

Mathematics 49, 92, 493, 494: Independent Study. See page 70.

Mathematics 163, 197, 1975, and 1976 years—3 hours

Fall, 1975, and 1976 years—3 hours

Spring, 1975, and 1976 years—3 hours

with the previous: Mathematics 163.

Mathematics 47, 1975, and 1976 years—3 hours

with the previous: Mathematics 163.

Mathematics 47, 1975, and 1976 years—3 hours

with the previous: Mathematics 163.

Mathematics 47, 1975, and 1976 years—3 hours

with the previous: Mathematics 163.

Mathematics 47, 1975, and 1976 years—3 hours

with the previous: Mathematics 163.
DEPARTMENT OF RELIGION

The courses in the Department of Religion are intended to give students an understanding and appreciation of the Bible, to arouse in them a desire for Christian usefulness, and to equip them for leadership in the various activities of the churches.

Many of the courses in this department are designed so as to be beneficial to all college students. Some of them are courses which ministerial students should take, regardless of whether they expect to continue their studies in seminary.

Requirements for a major in Bible
(B.A. degree)

Bible 113 and 123 6 hours
Bible 373 3 hours
Electives in Bible (may include six hours in Religion) 21 hours

Requirements for a major in Religion
(B.A. degree)

Bible 113 and 123 6 hours
Bible 373 3 hours
Religion 333 or 463 3 hours
Electives in Bible or Religion* 18 hours

Requirements for a minor in Bible

Bible 113 and 123 6 hours
Bible 373 3 hours
Electives in Bible (3 hours upper division) 9 hours

Requirements for a minor in Religion

Bible 113 and 123 6 hours
Bible 373 or Religion 333 3 hours
Electives in Bible or Religion* 9 hours
(3 hours upper division)

*Ministerial students should take Religion 213, 273, and 283. Other church leaders should take Religion 213 and 243.
1974, Spring, 1975, and alternate years—3 hours.

**Bible 113, OLD TESTAMENT PROPHETS.** A study of the prophecies of the Old Testament, with special attention given to the historical development of the prophetic books of the Old Testament. 3 hours.

Fall, 1974, and alternate years—3 hours.

**Bible 114, THE PENTATEUCH.** A study of the first five books of the Old Testament, with reference to their literary style, occasion of writing, authorship, and interpretation. 3 hours.

Fall, 1974, and alternate years—3 hours.

**Bible 115, OLD TESTAMENT POETRY.** A study of the poetical books of the Old Testament, with special attention given to the historical, literary, and authorship aspects. 3 hours.

Fall, 1975, and alternate years—3 hours.

**Bible 116, OLD TESTAMENT HISTORY.** A general historical survey of the Old Testament, with emphasis given to the historical, literary, and religious development of the period. 3 hours.

Every semester and every summer—3 hours.

**Bible 117, CHRISTIAN DOCTRINES.** A systematic study of the major doctrines of the Bible, with special attention given to the doctrines and practices of the early church. 3 hours.

Fall, 1973, and alternate years—3 hours.

**Bible 118, CHRISTIAN ETHICS.** A study of the ethical teachings of the Bible, with special attention given to the ethical principles found in the New Testament. 3 hours.

Bible 423, GENERAL EPistles. Bibles 113 and 123, every fall—3 hours.

This course, Prerequisite: Bible 113 and 123. This course is designed to be a part of the general education requirement of the student. It is an introduction to the study of the Bible, with emphasis given to the historical, literary, and religious development of the period. 3 hours.

Every semester and every summer—3 hours.

**Bible 119, EVANGELISM.** A study of the history, theology, principles and methods of New Testament evangelism, including personal, church, and mass methods of New Testament evangelism. 3 hours.

This course, Prerequisite: Bible 113. This course is designed to be a part of the general education requirement of the student. It is an introduction to the study of the Bible, with emphasis given to the historical, literary, and religious development of the period. 3 hours.

Every semester and every summer—3 hours.

**Bible 120, EVANGELISM.** A study of the history, theology, principles and methods of New Testament evangelism, including personal, church, and mass methods of New Testament evangelism. 3 hours.

This course, Prerequisite: Bible 113. This course is designed to be a part of the general education requirement of the student. It is an introduction to the study of the Bible, with emphasis given to the historical, literary, and religious development of the period. 3 hours.

Every semester and every summer—3 hours.

**Bible 121, EVANGELISM.** A study of the history, theology, principles and methods of New Testament evangelism, including personal, church, and mass methods of New Testament evangelism. 3 hours.

This course, Prerequisite: Bible 113. This course is designed to be a part of the general education requirement of the student. It is an introduction to the study of the Bible, with emphasis given to the historical, literary, and religious development of the period. 3 hours.

Every semester and every summer—3 hours.
Bible 433. LIFE AND TEACHINGS OF CHRIST. A study of the life of Jesus, with special attention given to his person, teachings, and work. Prerequisites: Bible 113 and 123.  
*Fall, 1974, and alternate years — 3 hours*

Bible 443. LIFE AND LETTERS OF PAUL. A study of the life and times of the apostle Paul, with an interpretation of his epistles based upon their historical setting. Prerequisites: Bible 113 and 123.  
*Spring, 1975, and alternate years — 3 hours*

Bible 463. BIBLICAL BACKGROUND. A geographical and archaeological survey of Palestine and the countries near it, including the important political, social, and religious customs and conditions which have a bearing on Biblical history. Prerequisites: Bible 113 and 123.  
*Summer, 1975; Spring, 1976, and alternate years — 3 hours*

**NEW TESTAMENT GREEK**

The courses listed below are designed to enable the student to acquire an early mastery of the essentials of inflection and syntax, to resolve the principal difficulties of grammatical analysis, and to develop in the student a vigorous and independent interest in the Greek New Testament. Fourteen hours of Greek (two years) are recommended for the Bachelor of Arts degree.

Greek 274. BEGINNER’S GREEK. Designed for persons who are studying Greek for the first time and for others whose preparation does not fit them for entering a more advanced class in Greek. Designed to give the fundamentals necessary to the study of the Greek New Testament. Sophomore standing or special permission is required.  
*Every fall — 4 hours*

Greek 284. BEGINNER’S GREEK. A continuation of Greek 274. A study of Davis’ Grammar is completed, with simple exercises for reading and translation. Special attention is given to the meaning of the cases, the prepositions, and tenses. Prerequisite: Greek 274 or equivalent.  
*Every spring — 4 hours*

Greek 373. ADVANCED GREEK GRAMMAR. For second year students of the Greek New Testament. There is a review of forms, syntax, and prose composition. The student is required to translate the First Epistle of John and is given, with each lesson, a demonstration of the significance of verb forms as vital to accurate translation. Prerequisite: Greek 284.  
*Every fall — 3 hours*
Religion 283. HOMILETICS. A study in the art of preparing and delivering
sermons. There is actual practice in the delivery of sermons. Attention is
fall, 1973, and alternate years - 3 hours
Rites, and funerals are studied. Precedence: Bible 111 and 112.
Day practice. Such matters as composition, pronunciation, and
part of the morning service in large New Testament passages. A study of
religious duties in a study of practical ethics and problems of personal
Religion 273. PASTORAL DUTIES. A study of practical ethics and problems
of the modern pastor in the light of New Testament principle and
experience within a church are studied.
character, to train dramatists and other groups. Emphasis is on
performing. A creative Christian drama with an emphasis in
Christian Drama: Directing
Spring, 1973, and alternate years - 3 hours
Teaching aids, publicity, and committees.
Religion 243. CHURCH ADMINISTRATION. A study of the structure
Spring, 1976, and alternate years - 3 hours
Given to the means of organized cooperation between
churches.
Religion 213. A SURVEY OF RELIGIOUS EDUCATION. An introduction
Every fall - 1 hour
Personal work required of all students on a ministerial plan.
Religion 111. PREPARATION FOR THE MINISTRY. An introduction

RELIGION

Every spring - 3 hours

Designed to help the student for the use of the most effective
Greek 383. ADVANCED GREEK GRAMMAR. A continuation of Greek

177
Department of Religion
given to the building and use of a personal library as an aid to preaching. Prerequisites: Bible 113 and 123. **Fall, 1974, and alternate years — 3 hours**

Religion 333. PSYCHOLOGY IN RELIGION (also Psychology 333). Designed to help the student understand and relate to the mental processes involved in individual religious experience and in group dynamics, with particular reference to religious motivation, integration of personality, guilt feelings, conversion, prayer, worship, and principles of leadership. **Spring, 1976, and alternate years—3 hours**

Religion 353. CHURCH HISTORY (also History 353). A survey of the history of the various church groups through which the Christian religion has made its appeal to mankind and the world, with special emphasis upon the fragmentation of organized religion in the seventeenth century, the rise of the major Protestant groups, and the missionary activities of the nineteenth and twentieth centuries. **Summer, 1975—3 hours**

Religion 463. WORLD RELIGIONS (Same as Philosophy 463). A study of the major religions of the world, both ancient and contemporary, with emphasis upon Zoroastrianism, Hinduism, Buddhism, Toaism, Confucianism, Shintoism, Islam, Judaism, and primitive religions. **Fall, 1975, and alternate years—3 hours**

**PHILOSOPHY**

Philosophy 213. INTRODUCTION TO PHILOSOPHY. A survey of the types of philosophy, the basic problems which man has faced, and the philosophic attempts to solve these problems. **Every spring — 3 hours**

Philosophy 463. WORLD RELIGIONS (Same as Religion 463). A study of the major religions of the world, both ancient and contemporary, with emphasis upon Zoroastrianism, Hinduism, Buddhism, Toaism, Confucianism, Shintoism, Islam, Judaism, and primitive religions. **Fall, 1975, and alternate years—3 hours**
A certificate will be awarded upon completion of 18 hours and an advanced certificate for 30 hours.

Courses offered on regular schedule, others will be included as opportunities may be taken for credit or audited. In addition to Bible, Religion, or Greek college work per semester, all of which must be in Bible or Religion. These courses may take up to seven hours of service to the community.

The Department of Religion has established a Center for Biblical Studies.
BOARD OF TRUSTEES

Term Expiring 1974

Mr. Eugene Anderson, Coolidge .......................................Farmer
Mrs. B. A. Boyle, Sun City ........................................Retired Businesswoman
Rev. Horace Crowder, Tucson .......................................Pastor
Mr. Lee Faver, Buckeye ..............................................Farmer
Dr. William G. Guest, Ajo .........................................Teacher
Mr. Edward P. Hill, Phoenix ........................................Insurance
Rev. Chester Pillow, Tucson .......................................Pastor
Mr. E. G. Stebbins, Hayden ..........................................Industry

Term Expiring 1975

Dr. Keith Davis, Tempe ..............................................Professor
Mr. Wendell Freeze, Yuma ........................................Teacher
Mrs. Hubert Friend, Phoenix .......................................HOMEMAKER
Mrs. Morris L. Headstream, Yuma ................................HOMEMAKER
Mr. Richard Lundquist, Las Vegas ................................Administrator
Mr. Jack Ogden, Sr., San Simon ..................................Farmer
Rev. Gary Ramer, Phoenix .......................................Pastor
Mr. Jim Walker, Phoenix ...........................................Security Officer

Term Expiring 1976

Dr. David Butler .....................................................University Administrator
Mr. Truman Cook .......................................................Contractor
Rev. Ronald Hart .....................................................Pastor
Mr. Weston L. Hook ..................................................Church Education Director
Dr. Charles L. McKay ................................................Pastor
Mr. William Pierce ....................................................Insurance
Dr. W. R. Womack ...................................................Physician
Rev. Mel Worters .....................................................Pastor

Ex-officio Member (President of the Arizona Southern Baptist Convention)

Dr. Henry W. Wooten, Tucson ....................................Pastor
GENERAL ADMINISTRATIVE STAFF

Additional Graduate Study, Arizona State University
M.R.E., Southwestern Baptist Theological Seminary
B.A., Grand Canyon College

Paul Barnes, B.A., M.R.E. Vice President for Development (1971)

Vice President for Student Affairs (1973)

Vice President for Business Affairs (1973)

Vice President for Academic Affairs (1968)

Richard White, B.A., M.R.E., Ph.D.

William R. Hines, B.S., M.D., Ph.D., President (1969)

Officers of Administration
Henry M. Mann, B.S., M.A. ..................Director of Antelope Press (1951)
   B.S., Arkansas State University
   M.A., George Peabody College
   Additional Graduate Study: Arizona State University, University of Arizona

Robert Dillenburg ......................Director of Food Service (1973)

OTHER ADMINISTRATIVE PERSONNEL:

Mrs. Suella Baird .....................Secretary in the Office of Student Recruitment
Miss Helen Baughman ..................Assistant in the Registrar's Office
Mrs. Cleola Besco ..........................Secretary to the Librarian
Mrs. Dorothy Bickers ..................Assistant in the Registrar's Office
Mrs. Mary Carroll .....................Director of Student Recruitment
Mrs. Lorraine Coleman ..................Assistant in the Business Office
Mrs. Lucy Conley ..........................Secretary in Distribution Center
Mrs. Mildred Crain .....................Director of Women's Dormitories
Mrs. Betty Endsley ...................Secretary to the Vice President for Academic Affairs
Mrs. Elizabeth Hadley ..................Assistant in the Library
Miss Donna M. Haskell ..................Cataloger in the Library
Mrs. Gwen Hill .........................Secretary to the Vice President for Student Affairs
Mrs. Pauline Holcek ..................Secretary to the Vice President for Business Affairs
Mrs. Cecilia Hoffpaur ..................Manager of the College Bookstore
Mr. W. E. Laughman ..................Director of Men's Dormitories
Mrs. Della May ..........................Assistant in the Library
Mrs. D'Lynn Stone ..................Secretary to the Director of Financial Aid
Mrs. Martha Toon ..................Secretary to the Vice President for Development
Mrs. Eureka Williams ..................Assistant in the Library
Mrs. Jean Woolever ..................Bookkeeper in the Business Office
Mr. Maurice Worley ..................Assistant Business Manager

MAINTENANCE PERSONNEL:

Rev. Lee Cook ..........................Superintendent
Mr. Byron Perdue .....................Supervisor and Security Officer
Ken Fisher ................................Grounds
Charles Holowell ..................Grounds
George Plew ..........................Maintenance
Benny Robinson ..................Supervisor
David Butl Bresko, B.S., M.S., Ed.D.
Director of Athletics (1951)
Chairman of the Department of Health and Physical Education

B.S., State College of Arizona
M.S., University of Arizona
Ed.D., Arizona State University

Woodrow Berryhill, B.S., M.S.
Associate Professor of Education

Ph.D., University of Oklahoma
M.A., University of Oklahoma
B.A., DePauw University

Berry I. Bick, B.A., M.A., Ph.D.
Professor of English (1949)

Victor N. Varner, B.M.E., M.E., M.D., Ph.D.
Director of Religious Activities

M.D., University of Texas
M.B.A., Texas Tech University
B.A., Baylor University

Richard C. Wood, B.A., M.B.A.
Business Administration

Ph.D., Arizona State University
M.F.A., Southwestern Baptist Theological Seminary
B.A., Baylor University

Dillard Whites, B.A., M.R.E., Ph.D.
Professor of Education

Ph.D., Southwestern Baptist Theological Seminary
M.R.E., Southwestern Baptist Theological Seminary
B.S., University of Texas at El Paso

William R. Harned, B.S., M.D., Th.D.
President

FACULTY
Mildred Brazell, B.A., M.A., Ed.D. ........Professor of Physical Education (1952)
   B.A., State College of Arkansas
   M.A., Arizona State University
   Ed.D., Arizona State University

Ralph Terry Bryan, B.S., M.A., Ph.D. ........Professor of English (1959)
   Chairman of the Department of Humanities
   B.S., M.A., Arizona State University
   Ph.D., University of Colorado

Oneta Corley, B.S., M.S...........Assistant Professor of Business (1964)
   B.S., Southwestern State College
   M.S., Oklahoma State University
   Additional Graduate Study: Arizona State University, University of Oregon,
   Northern Arizona University

J. P. Dane, B.A., B.D., Th.M., Th.D....Associate Professor of Religion (1972);
   Director of Center for Biblical Studies
   B.A., Oklahoma Baptist University
   B.D., Southwestern Baptist Theological Seminary
   Th.M., Th. D., Central Baptist Seminary

Maye K. Davis, B.A., M.A. ..........Assistant Professor of Education (1970)
   B.A., Pacific University
   M.A., Arizona State University
   Reading Specialist, Arizona State University
   Additional Graduate Study: Portland State University, Eastern Oregon University,
   University of Arizona

Macon Delavan, B.M.Ed., M.M., D.M.E. ....Associate Professor of Music;
   Chairman of the Department of Music (1966)
   B.M.Ed., Southwest Texas State College
   M.M., Westminster Choir College
   D.M.E., University of Oklahoma
   Additional Graduate Study, North Texas State University

Marlene Delavan, B.M.Ed., M.M. .......Assistant Professor of Music (1966)
   B.M.Ed., Southwest Texas State College
   M.M., Westminster Choir College
   Additional Graduate Study, North Texas State University

Kenneth Goldsberry, B.A., M.A. ............Assistant Professor of Art (1972)
   B.A., University of Idaho
   M.A., Miami University
   Additional Graduate Study: New York University, Columbia University, Arizona
   State University
Kenneth Merrihew, B.A., B.D., M.A.
T.D.D., New Orleans Baptist Theological Seminary
T.H.M., Southern Baptist Theological Seminary
B.A., Wake Forest College
Professor of Religion (1971)

Assistant Graduate Study, University of Arizona
M.A., Baylor University
B.A., Grand Canyon College

Carlie McBride, B.A., M.A.
Assistant Professor of History (1949)

Lynden McDonald, B.A., M.M.
Assistant Professor of Physical Education (1961)

J. Benny Lindsey, B.S., M.S.
Assistant Professor of Education

Harry D. Kent, B.A., M.B.E.

John Howerton, B.A., M.A., M.D.I.V.
Assistant Professor of Social Sciences (1966)

Joe D. Harris, B.A., M.B.A.
Assistant Professor of Business (1969)
Erdie Morris, B.S., M.A., M.P.H., Ph.D. . . . . Associate Professor of Science (1970)
B.S., Arizona State University
M.A., Arizona State University
Ph.D., Purdue University
M.P.H., University of California
Additional Graduate Study: Colorado State College, Oregon State University, Cornell
University, University of Alabama

Paul Paige, B.M., M.M., Ph.D. . . . . . . . Associate Professor of Music (1971)
B.M., Boston University
M.M., Northwestern University
Ph.D., Boston University
Post-Doctoral Study, State University of New York at Binghamton

Ronald Phillips, B.M., M.M. . . . . . . . . . . . . . . . . . . . . . . . . . . Director of Instrumental Ensembles and
Assistant Professor of Music (1968)
B.M., Michigan State University
M.M., Michigan State University
Additional Graduate Study, Arizona State University

J. Niles Puckett, B.A., LL.B., Th.M., Th.D. . . . . . . Professor of Religion;
Chairman of the Department of Religion (1949)
B.A., Mississippi College
LL.B., Cumberland University
Th.M., Southern Baptist Theological Seminary
Th.D., Southern Baptist Theological Seminary

Harold Rush, B.A., M.S., Ph.D. . . . . . . . . . . . . . . . . . . . . . . . . . . Assistant Professor of Biology (1973)
B.A., Friends University
M.S., Kansas State Teachers College
Ph.D., Arizona State University

Roger L. Schmidt, B.A., M.A. . . . . . . . . . . . . . . . . . . . . . . . . . . Associate Professor of English (1962)
B.A., Grand Canyon College
M.A., Arizona State University
Doctoral Candidate, Arizona State University

Grace Weller, B.A., M.Mus. . . . . . . . . . . . . . . . . . . . . . . . . . . Associate Professor of Music (1950)
B.A., Georgetown College
M.Mus., Cincinnati Conservatory of Music
Additional Graduate Study: University of Kentucky, University of California at
Los Angeles, University of Vienna, Akademie für Musik und Darstellende Kunst
at Vienna
PART-TIME FACULTY

Paul A. Youngs, B.A., B.M., M.A.

B.A., Texas Tech University
M.R.E., Southern Baptist Theological Seminary
B.A., Howard Payne College

Associate Professor of Economics (1979)


M.F.A., Arizona State University
B.S., Grand Canyon College

Chairman of the Department of Natural Science and Mathematics (1965)

Bill R. Williams, B.S., M.A. in Ed., M.A., Ed.D.

B.S., Arizona State University
M.A. in Ed., Arizona State University

Shirley Ann Johnson, B.S., M.S.

B.A., Grand Canyon College

Criminal Justice

Lester E. Jennings, Jr., B.A.

M.S., Arizona State University
M.A., Ohio State University
B.S., Ohio State University

Education

Emeter Pelton, B.S., M.A., M.S.

B.A., Arizona State University

Physical Education

Lee Cook, B.A.

M.S., Arizona State University
B.A., Western State College of Colorado

Biology

Johnny I. Beegs, B.A., M.S.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Jones</td>
<td>B.A., M.A.</td>
<td>Business</td>
</tr>
<tr>
<td></td>
<td>B.A., University of Arizona</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td>Leon E. Jordan</td>
<td>B.S., M.S.</td>
<td>Biology</td>
</tr>
<tr>
<td></td>
<td>B.S., Lincoln University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.S., Kansas State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional Graduate Study: University of California, University of Pennsylvania, University of Oregon</td>
<td></td>
</tr>
<tr>
<td>Jo Lockhart</td>
<td>B.A., M.A., Ed. S.</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>B.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ed.S., Arizona State University</td>
<td></td>
</tr>
<tr>
<td>Nancy Miller</td>
<td>A.B., B.S., M.Ed., Ph.D.</td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>A.B., B.S., Kent State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.Ed., Kent State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ph.D., Arizona State University</td>
<td></td>
</tr>
<tr>
<td>Wade Oliver</td>
<td>B.A., M.A.</td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>B.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Doctoral Candidate, Arizona State University</td>
<td></td>
</tr>
<tr>
<td>Juanita Potts</td>
<td>B.S., M.A.</td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>B.S., Northeastern State Teachers College</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.A., Arizona State University</td>
<td></td>
</tr>
<tr>
<td>Coy Reeves</td>
<td>B.S., M.E.</td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>B.S., East Texas State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.E., West Texas State University</td>
<td></td>
</tr>
<tr>
<td>William Schafer III</td>
<td>B.A., J.D.</td>
<td>Criminal Justice</td>
</tr>
<tr>
<td></td>
<td>B.A., Oberlin College</td>
<td></td>
</tr>
<tr>
<td></td>
<td>J.D., Western Reserve University</td>
<td></td>
</tr>
<tr>
<td>John Shimek</td>
<td>A.A., B.S.</td>
<td>Physical Education</td>
</tr>
<tr>
<td></td>
<td>A.A., Phoenix College</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B.S., Grand Canyon College</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional study: Pepperdine, Azusa Pacific, and Grand Canyon College.</td>
<td></td>
</tr>
<tr>
<td>Sharon Thorne</td>
<td>B.S., M.A.</td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>B.S., Ball State University</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.A., Arizona State University</td>
<td></td>
</tr>
</tbody>
</table>
COLLEGE COMMITTEES
1973-74

ADMINISTRATIVE
Administrative Advisory: Dr. Hintze, Dr. Morris, Dr. Whitis, Mr. Wood, Dr. Varner, Mr. Barnes, Dr. Bryan, Mr. Kent, Dr. Puckett, Dr. Williams.

Chapel: Dr. Martin, Dr. Varner, Dr. Paige, Miss McDonald, Mr. Rhew; Hayes Button, Gary Graham, Verna Kreuger.

Scholarships: Mr. Kent, Dr. Hintze, Dr. Whitis, Dr. Morris, Miss Maben, Dr. Wood; Carol Martin.

Task Force for Admissions: Dr. Hintze, Mrs. Carroll, Dr. Whitis, Mrs. Brown, Mr. Barnes, Dr. Varner, Mr. Schmidt; Mary Rochelle.

ACADEMIC
Academic Affairs: Mr. Schmidt, Mrs. Brown, Mr. Howerton, Dr. Whitis, Dr. Morris, Mr. Phillips; John Miller.

Curriculum: Dr. Puckett, Mr. Kent, Dr. Bryan, Dr. D. Brazell, Dr. Williams, Dr. Whitis, Mr. Berryhill, Dr. Delavan, Mr. Howerton; Ann Hines.

Teacher Training: Mr. Berryhill, Dr. Paige, Miss Maben, Mrs. Reeves, Mr. Harris, Mr. Youngs; Janet Darnell.

Student Publications: Mrs. Farris, Dr. Bryan, Mr. Goldsberry; Debi Hicks.

STUDENT AFFAIRS
Dean of Students Advisory Committee: Dr. Varner, Mrs. Farris, Mrs. Delavan, Dr. Morris; President of Associated Students (Gary Harr), Vice President of Associated Students (John Miller).

Counseling: Mr. Merrifield, Mrs. Corley, Mrs. Gilmore, Mr. Schmidt, Dr. Williams, Mrs. Farris; Peggy Ward.

Intra-College Communications Committee: Dr. Varner, Dr. Dane, Dr. Morris, Dr. Williams; Mrs. Friend, Rev. Ramer; Rev. McLeroy, Mrs. Eshelman; Alan Thompson, Dan Crothers, Chris Dombroski, John Miller.

FACULTY
Faculty Affairs: Dr. Morris, Mr. Howerton, Dr. Delavan.
GRADUATES
1973

BACHELOR OF ARTS

Francisco James Alvarado, Tucson, Arizona
Kenneth Lee Atherton, Denver, Colorado
Shirley Ann Ausere, Phoenix, Arizona
Bonnie Fredmore Bingener, Phoenix, Arizona
Bretta Black, Woodburn, Oregon
Thomas James Damaske, Phoenix, Arizona
R. Amanda Dial, Phoenix, Arizona
Charles Elmo Dimpson, El Centro, California
Nikki Moffat Frye, Glendale, Arizona
Richard Malcolm Garrett, Crane, Texas
Lorraine Kay Hilderbrand, Phoenix, Arizona
Kenneth Ray Hudson, Paris, Tex., Texas
Woo Gene Lewis, Greenwood, Arkansas
Paul Lyle McCormick, Phoenix, Arizona
Frances Diane Medford, Valencia, California
Rick L. Miller, Mt. Auburn, Iowa
Nellie O. Peters, Phoenix, Arizona
Leon Clayton Quackenbush, Casa Grande, Arizona
Mazie Soria, Las Cruces, New Mexico
Jocelyn Marie Spears, Needles, California
Norman T. Templeton, Phoenix, Arizona
Judith Ann Uselman, Tucson, Arizona
Rex Allen Waldrop, Phoenix, Arizona
Vicoz Houston Walker, Avondale, Arizona
Gerald M. Weiker, Fresno, California
Carol Lynn Wildman, Phoenix, Arizona

BACHELOR OF SCIENCE

Adeola Adeoye, Lagos, Nigeria
Dorothy LaGrone Allen, Phoenix, Arizona
Barbara Silva Jackson, Garden City, Kansas
Gwendolyn D. Anderson, Phoenix, Arizona
Herman H. Andrews, Safford, Arizona
Wayne Harland Bailey, Phoenix, Arizona
Calvin Jay Baker, Phoenix, Arizona
Robert William Banning, St. Clair, Michigan
Barbara Eileen Barnett, Bisbee, Arizona
Alber L. Bass, Phoenix, Arizona
Catherine Louise Bell, Phoenix, Arizona
Rebecca S. Bowen, Albuquerque, New Mexico
Gary Steven Breetz, Scottsdale, Arizona
Ernest Frederick Bretzmann, Jr.
Livingston, New Jersey
Harold W. Buckles, Phoenix, Arizona
Elizabeth Ann Burkholder, Phoenix, Arizona
Dennis J. Butler, Phoenix, Arizona
Anthony M. Cariddi, Kansas City, Missouri
Richard D. Carlson, Riverton, Wyoming
Sine Tillman Carter, II, Tombstone, Arizona
Caryn Irene Cummings, Phoenix, Arizona
Nathan Mark Daniel, Phoenix, Arizona
Thomas Darrell Daniel, Phoenix, Arizona
Craig R. Darrington, Scottsdale, Arizona
George Noel deLange, Jr.
Livingston, New Jersey
Orpha Ruth Hernandez Diaz, Abilene, Texas
Gary D. Dodrill, Phoenix, Arizona
Charles Graham Elftstrom, Phoenix, Arizona
Frederick M. Ferreira, Jr., San Carlos, Arizona
Dean William Foster, Phoenix, Arizona
Martha Sue Fontes, El Centro, California
Nathan Lee Geesey, Phoenix, Arizona
Clara J. Gilmore, Phoenix, Arizona
David Eugene Goodwin, Phoenix, Arizona
Robert Lee Gourley, III, Phoenix, Arizona
Julianne Green, Phoenix, Arizona
Steve F. Hamner, Phoenix, Arizona
Marjorie Elaine Hansford, Phoenix, Arizona
Sally Hedberg, Phoenix, Arizona
Eugene Helton, Austin, Indiana
James Alan Holmes, Lancaster, California
T. Andrew Hutchens, Denver, Colorado
J. Andrew Jackson, Phoenix, Arizona
Janice Kay Johnson, Phoenix, Arizona
Richard Kennedy, Phoenix, Arizona
Daniel M. Klahn, Phoenix, Arizona
Reuben D. Lane, Tuba City, Arizona
Harold A. Lasley, St. David Arizona
Marshall K. Lester, Holbrook, Arizona
Vernon E. Liston, Phoenix, Arizona
Robert Lee Lockaby, Kerrville, Texas
Roger C. Long, Durango, Colorado
Judith Ann Manton, Phoenix Arizona
Austin J. Mariani, Binghamton, New York
Leila L. Marshall, Phoenix, Arizona
Barbara D. Maxson, Scottsdale, Arizona
Thomas W. Maxson, II, Glendale, Arizona
Douglas John McDonald, Tucson, Arizona
Kathryn Darlene Mears, Phoenix, Arizona
Michele Renee Mitchell, Glendale, Arizona
Thomas Anthony Monico, Wellsfield, N.Y.
Rose Anne Morgan, Phoenix, Arizona
David Charles Morry, Phoenix, Arizona
Kathleen Ann Mulqueen, Phoenix, Arizona
James D. Murphy, Belen, New Mexico
Patricia H. Murphy, Belen, New Mexico
Robert T. Murray, Scottsdale, Arizona
David Paul Nicholson, Mesa, Arizona
Margie Soroka North, Phoenix, Arizona
Donald Edward Oliver, Phoenix, Arizona
Ronald Ernest Oliver, Phoenix, Arizona
James E. Pajensten, St. Clair, Michigan
Janet Rebecca Payne, Glendale, Arizona
Hugo A. Peart, Paraizo, Panama
Eicher M. Peluso, Phoenix, Arizona
Linda L. Perdue, Glendale, Arizona
Gary Everett Peterson, Phoenix, Arizona
George Michael Poplin, Fresno, California
Ginny Reinhardt, Scottsdale, Arizona
L. Jane Richards, Phoenix, Arizona
Jeanne Marie Salt, Kayenta, Arizona
Raymond Jason Savely, Jr., Colorado Springs, Colorado
James J. Schubach, Phoenix, Arizona
Linda Ann Schwartz, Phoenix, Arizona
Eloise Lynn Shockley, Pueblo, Colorado
Darrell William Shultz, El Cajon, California
S. Earl Speakman, Victoria, Canada
Beverly L. Spidle, Phoenix, Arizona
Paul L. Stanley, Phoenix, Arizona
Fredric Marshall Stidham, Lakeside, Arizona
Thomas Ray Stidham, Lakeside, Arizona
Terry T. Temple, Scottsdale, Arizona
Anthony Young, m. Texas, Jr., St. Louis, Arizona
Danny Jay Thompson, Yuma, Arizona
Nancy Jane Vaughn, Avondale, Arizona
Robert Neil Walesby, Phoenix, Arizona
Curtis D. Warden, Knob Noster, Missouri
Sonia Stanfafer Weikel, Middleburg, Ohio
Wanda Lee Williams, Phoenix, Arizona
Ted Zickert, Albuquerque, New Mexico
Includes students enrolled in the Five-Year Program of Teacher Training.

<table>
<thead>
<tr>
<th>Year</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>1961</td>
<td>651</td>
<td>590</td>
</tr>
<tr>
<td>1972</td>
<td>250</td>
<td>177</td>
</tr>
<tr>
<td>70</td>
<td>29</td>
<td>2</td>
</tr>
<tr>
<td>72</td>
<td>93</td>
<td>130</td>
</tr>
<tr>
<td>73</td>
<td>80</td>
<td>105</td>
</tr>
<tr>
<td>74</td>
<td>94</td>
<td>71</td>
</tr>
<tr>
<td>75</td>
<td>105</td>
<td>91</td>
</tr>
<tr>
<td>Total</td>
<td>591</td>
<td>1,192</td>
</tr>
</tbody>
</table>

June 1, 1972 to May 31, 1973

ENROLLMENT STATISTICS

BY STUDENTS ENROLLED

<table>
<thead>
<tr>
<th>Foreign Countries Represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taiwan</td>
</tr>
<tr>
<td>Japan</td>
</tr>
<tr>
<td>Mexico</td>
</tr>
<tr>
<td>Korea</td>
</tr>
<tr>
<td>Indonesia</td>
</tr>
<tr>
<td>Hong Kong</td>
</tr>
<tr>
<td>Canada</td>
</tr>
<tr>
<td>Australia</td>
</tr>
<tr>
<td>Washington, D.C.</td>
</tr>
<tr>
<td>Wyoming</td>
</tr>
<tr>
<td>Wisconsin</td>
</tr>
<tr>
<td>Oregon</td>
</tr>
<tr>
<td>Ohio</td>
</tr>
<tr>
<td>Oklahoma</td>
</tr>
<tr>
<td>North Dakota</td>
</tr>
<tr>
<td>North Carolina</td>
</tr>
<tr>
<td>New York</td>
</tr>
<tr>
<td>New Mexico</td>
</tr>
<tr>
<td>New Jersey</td>
</tr>
<tr>
<td>Nevada</td>
</tr>
<tr>
<td>Montana</td>
</tr>
<tr>
<td>Missouri</td>
</tr>
<tr>
<td>Mississippi</td>
</tr>
<tr>
<td>Minnesota</td>
</tr>
<tr>
<td>Michigan</td>
</tr>
<tr>
<td>Massachusetts</td>
</tr>
<tr>
<td>Maryland</td>
</tr>
<tr>
<td>Louisiana</td>
</tr>
<tr>
<td>Kansas</td>
</tr>
<tr>
<td>Iowa</td>
</tr>
<tr>
<td>Indiana</td>
</tr>
<tr>
<td>Illinois</td>
</tr>
<tr>
<td>Idaho</td>
</tr>
<tr>
<td>Georgia</td>
</tr>
<tr>
<td>Florida</td>
</tr>
<tr>
<td>Colorado</td>
</tr>
<tr>
<td>District of Columbia</td>
</tr>
<tr>
<td>California</td>
</tr>
<tr>
<td>Arizona</td>
</tr>
<tr>
<td>Alaska</td>
</tr>
<tr>
<td>Alabama</td>
</tr>
</tbody>
</table>

Fall, 1973

STATES REPRESENTED BY STUDENTS ENROLLED
DENOMINATIONS REPRESENTED
BY STUDENTS ENROLLED

Assembly of God
Baptist
Bible
Brethren
Catholic
Christian
Christian Missionary Alliance
Christian Reformed
Church of Christ
Church of God
Congregational
Covenant
Episcopal
Evangelical Free
Foursquare Gospel
Friends
Full Gospel
Greek Orthodox
Holiness
Independent
Interdenominational
Jewish
Latter Day Saints
Lutheran
Methodist
Mennonite
Native American Indian Church
Nazarene
Non-Denominational
Pentecostal
Pentecostal Holiness
Presbyterian
Quaker
Serbian Orthodox
Seventh Day Adventist
Unitarian
Unity
No Preference
Index
Certification of Teachers, 98
Change of Courses, 66, 146
Chapel Attendance, 42
Chemistry, 170
Choir, Chorale, 144
Christian Emphasis, 12
Classes
  Attendance of, 69
  Level of, 63, 66
Classification of Students, 63
Clubs, See Student Organizations
Commencement
  Attendance Requirement, 77
  Dates, 7
Committees, Faculty, 192
Composition and Literature, 115
Computer Science, 87
Conduct of Students, 40
Contemporary Affairs, 78
Control of the College, 13
Correspondence Credit, 66, 70
Correspondence Directory, 4
Costs, See Fees
Counseling, 51, 106
Course Descriptions, 83ff
Course Load Regulations, 65
Courses
  Change of, 66, 146
  Class Level of, 63
  Numbering of, 63
  Order of taking, 64
  Repetition of, 67
Courses of Instruction, 83ff
Credit
  For Correspondence and
  Extension, 59, 70, 76
  For Ensembles, 144
  For Military Service, 55
  High School Needed, 56
  Quality Points, 64
  Required for Graduation, 75
  Required for Major, 78
  Required for Minor, 79, 80
  Transcript of, 57, 58
  Unit of, 63
Criminal Justice, Courses in, 125
Curricula
  Requirements for Graduation, 77
Dean's List, 45
Debate, 43, 121
Deferment of Courses, 64
Degrees
  Bachelor of Arts, 75, 80
  Bachelor of General Studies, 82
  Bachelor of Science, 75, 81
  Conferred in Relation to Majors, 75
  Requirements for, 75
Denominations, Religious,
  Represented Among Students, 196
Department Fellows, 33
  See various subjects of study
Departments of Instruction
  Business and Economics, 86
  Education and Psychology, 97
  Health and Physical Education, 111
  History and Social Sciences, 118
  Humanities
    Art, 131
    English and Speech, 132
    Modern Languages, 140
  Music, 144
  Natural Science and Mathematics, 162
Religion, 174
Deposits, See Fees
Description of Courses,
  See various subjects of study
Dining Facilities, 18, 49
Directory of Correspondence, 4
Directory of Faculty and Staff, 181
Discipline, 38, 39
Dismissal from College, 41, 67
Distinction, Graduation with, 64
Dormitories, See Room
Drama, 47
  Courses in, 138
Drinking, 41
Dropping of Courses, 66
Drugs, 41
Earth Science, 167
Economics
  Courses in, 90
  Minor in, 87
Education and Psychology
  Adult Education Courses, 104
  Certification, Teacher, 98
  Cooperating Schools, 100-101
  Courses in, 101
  Department of, 97
  Elementary, 98, 102
  Health and Physical, 107
  Majors and Minors, 98, 99, 105
  Music, 150
  Secondary, 99, 104
  Teacher Education Curricula, 97
  Teacher Placement, 49, 26
Educational Tours, 47
Elective Courses, 80
Eligibility
  For Student Activities, 40
  For Student Offices, 40
Employment
  Student, 29
  Teacher Placement, 49
English
  Courses, 135
  Major and Minor in, 133
  Proficiency Requirement, 76, 97
  Required for Graduation, 78
Late Examination, 24, 69
Late Registration, 6, 7, 24
Library, 18
    Courses in, 102
Life Science, 165
Linens, Room, 26
Literature and Composition, 135
Loans, See Student Aid
Location of the College, 17

Majors and Minors
    Grade Average Required, 67
    Graduation Requirements, 67
    Named in Relation to Degrees, 75
    Residence Requirements, 76
    Selection or Change, 66
Marriages, Student, 41
Mathematics, See Natural Science and Mathematics
Matriculation Fee, 25
Maximum Hours in a Subject, 66
Medical Examination, 50
Minimum Residence Required for Graduation, 76
Ministerial Aid, See Student Aid
Minors, See Majors and Minors
Missionary Aid, See Student Aid
Modern Languages
    Courses in, 140
    Minimum Allowed Toward Graduation, 76
    Required for Graduation, 76, 78
    See Also Greek
Music
    Choral, 144
    Courses in, 147
    Department Regulations, 148ff
    Education, 150, 152
    Ensembles, 144
    Examinations, 146
    Instrumental, 144, 150
    Library, 18
    Majors and Minors in, 148, 149
    Organ, 161
    Organizations, 43, 144
    Piano, 157
    Practice, 146
    Private Lessons, 146
    Recitals, 145
    Required for Graduation, 78
    Student Teaching, 147
    Theory, 151
    Voice, 158
    Wind Ensemble, 144

Natural Science and Mathematics,
    Department of, 161
    Biology, 165
    Botany, 165
    Chemistry, 166
    Courses in, 164
    General Science, (Modern Math and Science), 164
    Majors and Minors in, 163
    Mathematics, 169
    Physics, 169
    Required for Graduation, 78
    Zoology, 165
Night Classes, 15, 24
Notification of Admission, 57
Numbering of Courses, 63

Objectives of the College, 11
Officials, Administrative,
    See Administrative and Personnel
Oratorio and Opera Society, 144
Orchestral Instruments, See Music, Instrumental
Organ, 157
Organizations, Student,
    See Student Organizations
Parker Scholarship Fund, 34
Parking Fee, 23, 24
Payment of Fees, See Fees
Penalty Fees, See Fees
Personnel, See Administration and Personnel, Also See Faculty
Philosophy, Courses in, 178
    Required for Graduation, 78
Physical Education,
    See Health and Physical Education
Physical Examinations, 48
Physical Science Minor, 164
Physics, 169
Piano, 157
Piano Proficiency, 147
Placement, Teacher, 49
Placement Tests, English, 56, 58, 76, 97
Practice Teaching, See Student Teaching
Preprofessional Training, 14
Presidents of the College, 17
Probation, 55, 68, 69
Provisional Admission, 55, 59, 69
Psychology, Courses in, 105
    Minor in, 105
    In General Education, 78
    In Teacher Training Curriculum, 98, 99
Publications
    College, 20
    Student, 44
Purposes of the College, 11

Quality Points, 64

Radio, See Speech
Ray-Maben Scholars, 45
Reading, Developmental, 101
Index
Summer Sessions, 16
Suspension from College, 67
Swimming, 113

Teacher Education, 14, 97
Teacher Placement, 49
Television, See Speech
Tests, See Examinations
Theatre
  Minor in, 134
Theatre-Speech
  Major in, 134
Theory of Music, 148, 151, 153
Tours, Educational, 47
Traditional Events, 52
Training and Development, 92-93
Transcript of Credit, 57, 58
Transfer of Credit, 58
Transfer Students, 48, 58
Trustees, Board of, 183

Tuition, See Fees
Tuition Grants, See Student Aid
Typewriting, 87

Unit of Credit, 63

Veterans
  Admission, 55
  College Approved for Training, 13
  Credit Allowed for Active Service, 55
Vocational Preparation, See Special
  Programs of Study
Voice, 148, 151, 158

Who's Who Among Students, 46
Withdrawal, 27, 50, 64, 66
Work Opportunities, 29

Zoology, 165