

GRAND CANYON COLLEGE

*Bulletin 1967-68
1968-69*

Ralph T. Bryan

VOLUME XVI

MAY, 1967

NUMBER 2

BULLETIN

Grand Canyon College

3300 West Camelback Road
PHOENIX, ARIZONA

MAILING ADDRESS:
P. O. Box 11097
PHOENIX, ARIZONA 85017



CATALOG ISSUE
1967-68 1968-69

Published four times a year during the months of February, May, August, and November. Entered as second class matter at the post office at Phoenix, Arizona.

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 fruitfulness. 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, are inscribed the name of the College and the place and date of its founding.

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.

Foreword

It is the general purpose of Grand Canyon College to offer college work leading toward the Bachelor of Arts or Bachelor of Science degree in an environment that is Christian. It is the desire of the board of trustees, the administration, and the faculty members to attract capable, ambitious, well-balanced young people who can profit by a college education with a Christian emphasis.

Directory for Correspondence

College Mailing Address Grand Canyon College
3300 W. Camelback Road
P. O. Box 11097
Phoenix, Arizona 85017

Admissions, Catalog	Registrar
Expenses, Financial Arrangements, Student Employment on Campus	Business Manager
General Policy and Program, Academic Matters, Faculty	Dean
Student Employment off Campus	Dean of Students
Scholarships	Registrar
Tuition Grants for Ministerial Students	Dean of Students
Housing	Dean of Students
Student Association	Faculty Adviser of Student Association
Publicity Materials, Student Publications	Office of College Relations
Teacher Training	Director of Teacher Training
Veterans Affairs	Registrar
Selective Service	Dean of Students
Alumni Affairs	Secretary of the Alumni Association
Gifts and Endowment, Legal Matters	President of the College

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 noon, Saturday, except for office holidays: Thanksgiving Day, Christmas Eve, Christmas Day, New Year's Day, and July 4.

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 Dean. If you cannot plan far enough in advance, a telephone call will often find someone at the switchboard to arrange a visit. Telephone 939-9421, Area Code 602.

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ACADEMIC CALENDAR — FALL SEMESTER

	1967-68	1968-69
Faculty and staff retreat at Prescott.....	September 4	September 3
Faculty meetings and faculty committee meetings.....	September 5, 6	September 4, 5, 6
Dormitories open to freshmen.....	September 7	September 9
Freshman orientation and placement tests.....	September 8, 9, 12, 13	September 10, 11, 13, 14
Dormitories open to upperclassmen.....	September 9	September 10
Registration of freshmen, 8:00-4:00.....	September 11	September 12
Registration of seniors and transfers, 8:00-4:00.....	September 12	September 11
Registration of sophomores and juniors, 8:00-4:00.....	September 13	September 13
Evening registration.....	September 14, 18	September 12, 16
Instruction begins, 7:40 a.m.....	September 14	September 16
Last day of registration for credit (day classes).....	September 25	September 23
Last day registration for credit (evening classes).....	September 25	September 26
Records close for midterm scholarship reports.....	November 1	November 1
Midterm grades due in Registrar's Office by noon.....	November 6	November 6
Founder's Day.....	November 10	November 11
Last day courses may be dropped without penalty.....	November 20	November 22
Thanksgiving holidays.....	November 23-26	November 28-December 1
Christmas holidays.....	December 20-January 2	December 21-January 5
Final examinations.....	January 22-25	January 20-23
Grade reports due in the Registrar's Office by noon.....	January 26	January 24

1967

JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	1	1	2	3	4	5	6	7
9	10	11	12	13	14	15	8	9	10	11	12	13	14
16	17	18	19	20	21	22	15	16	17	18	19	20	21
23	24	25	26	27	28	29	22	23	24	25	26	27	28
30	31						29	30	31				

AUGUST

NOVEMBER

SEPTEMBER

DECEMBER

1968

JANUARY							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31				28	29	30				

FEBRUARY

MAY

MARCH

JUNE

ACADEMIC CALENDAR — SPRING SEMESTER

	1967-68	1968-69
Dormitories open for incoming students.....	January 30	January 28
Tests and conferences for freshmen and transfers.....	January 31, February 1, 3	January 29, 30, February 1
Registration of juniors, seniors, and sophomores 8:00-4:00.....	February 1	January 30
Registration of freshmen and transfers, 8:00-4:00.....	February 2	January 31
Instruction begins, 7:40 a.m.....	February 5	February 3
Last day of registration for credit (day classes).....	February 12	February 10
Last day of registration for credit (evening classes).....	February 15	February 13
Records close for midterm scholarship report.....	March 22	March 21
Midterm grades due in the Registrar's Office by noon.....	March 27	March 26
Last day courses may be dropped without penalty.....	April 11	April 11
Spring holidays.....	April 12-15	April 4-7
Records close for May degree candidates.....	May 22	May 16
Grade reports for May candidates due in the Registrar's Office by noon.....	May 23	May 20
Baccalaureate Services, 3:00 p.m., Sunday.....	May 26	May 25
Commencement, 8:00 p.m., Monday.....	May 27	May 26
Final Examinations.....	May 24-30	May 23-29
Grade reports due in the Registrar's Office by noon.....	May 31	May 30

SUMMER SESSION

	1968	1969
Presessions.....	June 3*-7, June 10*-14	June 2*-6, June 9*-13
First Term.....	June 17*-July 20	June 16*-July 19
Second Term.....	July 22*-August 24	July 21*-August 23
Postsession.....	August 26*-30	August 25*-29

*The initial date in each instance is the date of registration.

1968

JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6		1	2	3	4	5	6	7
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31				27	28	29	30	31		

AUGUST

NOVEMBER

SEPTEMBER

DECEMBER

1969

JANUARY							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31		26	27	28	29	30		

FEBRUARY

MAY

MARCH

JUNE

I. General College Information

General Purpose

Specific Objectives

Governing Body

Faculty

Students

Accreditation

Teacher Training

Special Secretarial Program

Preprofessional Training

Evening Classes

Summer Sessions

Historical Sketch

Location

Campus

College Publications

Alumni Association



GENERAL COLLEGE INFORMATION

GENERAL PURPOSE

The purpose of Grand Canyon College is to offer college work leading to the bachelor's degree in an environment that is Christian. Working toward this purpose, the board of trustees, the administration, and the faculty strive to attract capable, ambitious, and well-balanced young people who can profit by a college education in this environment and who are motivated by ideals of service in the various fields of human endeavor.

SPECIFIC OBJECTIVES

To attain the general purpose stated above, Grand Canyon College seeks to help individual students to become competent and properly balanced in the spiritual, mental, social, moral, physical, and aesthetic aspects of life.

1. The College seeks to develop an appreciation of spiritual realities, of God's natural universe and laws, of God's institutions, and of God's plan and purpose in each individual life.

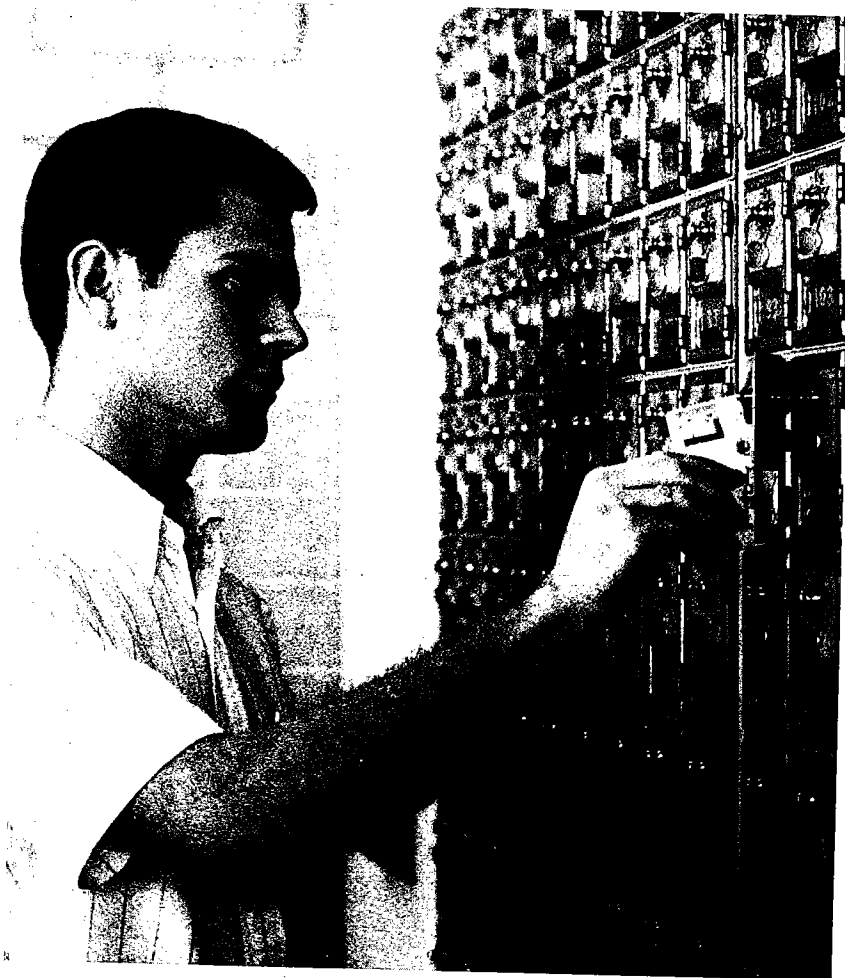
2. The College endeavors to help each student learn to use his mind in effective analysis, in accurate and constructive thinking, in proper evaluation of evidence, in distinction of truth from error, and in creative scholarship.

3. Within the objective of social training the College aims to develop an appreciation of social values and to foster attitudes of courtesy, enjoyment, and poise in association with people. It also seeks to instruct in the American way of life—our heritage of democracy and our traditional concern for human dignity and freedom—and to encourage each student to make a contribution to the community through service activities.

4. Through moral training the College strives to develop in each student habits of clean living, clean speech, temperance, and personal decency; to develop a sense of responsibility for doing high grade, honest work; and to instill a proper regard for the rights and feelings of others.

5. In its physical training the College aims to foster healthful living habits, physical vigor, and the enjoyment of participation in a variety of recreational activities.

6. The College seeks to help each student to come to a better understanding and appreciation of aesthetic values and of man's efforts toward self-expression in the creative arts.



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, certain ~~vocational~~ ^{professional} courses, such as ~~business and education~~, are offered in the fields of ~~business~~ ^{business} education.

GOVERNING BODY

The College, founded and supported by the Arizona Southern Baptist Convention, is governed by a board of trustees elected by the Convention.

FACULTY

The instructional staff is selected with the objectives of the College in mind, emphasis being placed upon character, academic competence, personality, and teaching ability. Evidences of character include dynamic Christian living, active participation in and financial support of church affairs, maintenance of high standards of accomplishment for themselves and for their students, and punctuality and dependability in meeting their responsibilities. Evidences of academic competence include the acquiring of advanced degrees, contributions in their fields of specialization, and professional habits of study and research. Teaching ability is largely judged by what the teacher's students learn about a subject and by their interest and success in pursuing further study. Evidences of personality include exemplary habits, a sense of humor, self-control, humility, friendliness, sympathetic understanding, fair-mindedness, and neatness in appearance.

STUDENTS

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

ACCREDITATION

The College is an approved candidate for membership in the North Central Association of Colleges and Secondary Schools.

The College is accredited by the University of Arizona. Work completed at Grand Canyon College is normally recognized by other institutions on

the same basis as work completed at the University. Graduates who have high academic records find no barriers to their entering graduate schools.

The Department of Public Instruction of Arizona has given formal approval of the work done at the College for the certification of elementary and secondary teachers and for the renewal of certificates.

The College is a member of the Association of Southern Baptist Colleges and of the Council for the Advancement of Small Colleges.

The College is approved by the Veterans Administration for education of veterans and dependents under Title 38 of the United States Code.

By authorization from the Immigration and Naturalization Service of the Department of Justice, non-immigrant alien students may enter the College by establishing their academic eligibility in the manner prescribed for all students and furnishing evidence of financial ability to support themselves while in college.

The College is listed in the Education Directory, Higher Education, of the United States Department of Health, Education, and Welfare.

TEACHER TRAINING

The College offers training for prospective teachers for elementary school and high school. An apprentice 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. A fifth year program of teacher preparation approved by the Department of Public Instruction of Arizona has been designed to meet the needs of students who desire to qualify for Arizona teacher certification but who do not plan to enter graduate school. After such a person has earned a bachelor's degree, a special fifth year program of studies, tailored to meet the needs of each individual student, is planned by special faculty committees representing various departments of instruction. Emphasis is placed on strengthening the preparation of the student in the areas of his academic concentration and on broadening his education in related areas. Persons desiring further information should write to the Director of Teacher Training at Grand Canyon College.

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 65 hour program in less than 2 years by enrolling in summer sessions. (See page 86 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 thorough grounding in English, social studies, 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 be to develop comprehension and expressiveness in communication, critical understanding of human institutions, and creative power in thinking.

Premedical, Predental, and Preoptometry

Most medical schools require for admission three years of undergraduate work, including, as a minimum, one year of inorganic chemistry, half a year of organic chemistry, one year of general physics, half a year of college mathematics, one year of zoology, half a year of biology, half a year of anatomy, a foreign language (German or French), and humanities and social studies as electives. All of these courses are offered by Grand Canyon College. By making a wise selection of courses a student may, in two years, meet a substantial part of the premedical requirement.

EVENING CLASSES

Regular college classes are offered on certain evenings of the week. Each evening class normally meets one night each week, usually Monday, Tuesday, or Thursday. The length of the class session is adjusted so that the total meeting time for the semester is equivalent to that of a day class.

SUMMER SESSIONS

Two summer sessions are held, offering a selection of courses in each department. A schedule of courses may be secured by writing to the Dean of the College.

Apprentice Teaching During the Summer Sessions

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

Persons who are college graduates may enroll for six hours of elementary or secondary apprentice teaching. 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.

Apprentice teachers must file the following with the Director of Teacher Training: 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 entering this program must complete regular matriculation requirements with the Registrar's Office before receiving a student teaching assignment.

Housing

For information regarding dormitory reservations, write to the Dean of Students.

Expenses

Tuition for the 1967 summer session is \$15.00 per semester hour. Room rent in the dormitory for each five weeks period is \$40.00; board \$60.00.

HISTORICAL SKETCH

The first definite steps toward founding Grand Canyon College were taken at the annual session of the Baptist General Convention of Arizona (now the Arizona Southern Baptist Convention) in November, 1946. On March 4, 1947, college trustees who had been selected by the Executive Board of the Convention chose Prescott as the site for the new college and Grand Canyon College as its name. The College was chartered on August 1, 1949, and first opened its doors for instruction with the fall semester, 1949.

In September, 1951, the College was moved to Phoenix, and the first permanent buildings were erected on a 160 acre campus on West Camelback

Road. Expansion and improvement of the institution have continued at this location.

The following men have served as president of the College:

Willis J. Ray, 1949-50

Leroy Smith, 1950-52

Frank Sutton (acting president), 1952

B. O. Herring, 1952-54

Glenn Eason (acting president), 1954-55

Loyed R. Simmons, 1955-58

Glenn Eason (acting president), 1958-59

Eugene N. Patterson, 1959-65

Charles L. McKay (acting president), 1965-66

Arthur K. Tyson, 1966-

LOCATION

The College is located in the northwest area of Phoenix, the capital city of Arizona. Phoenix is near the geographical center of the state and is a thriving industrial and agricultural city with a population of more than 750,000 in the metropolitan area. Phoenix is near many places of interest, such as the Grand Canyon, the Petrified Forest, Montezuma Castle, Oak Creek Canyon, Walnut Canyon, and Superstition Mountain.

Phoenix is one of the notable winter resorts of America. Thousands of people come to Phoenix to spend the winter months in the Valley of the Sun, "Where Summer Spends the Winter."

Phoenix is easily accessible over transcontinental U. S. Highways 60, 70, and 80, as well as U. S. 66 by way of state Highways 79 and 69.

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.

American, Apache, Bonanza, Frontier, Trans-World, and Western airlines make it possible for one to arrive at or leave Phoenix almost any hour of the day.

CAMPUS

The College has 160 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. While modest and unpretentious, the campus is comfortable and provides an attractive setting for college living.

A committee is currently engaged in developing the permanent campus. A gymnasium-auditorium and the Fleming Library were constructed in 1957. A women's dormitory and a health center were completed in 1960.

A classroom building, a men's 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. An additional men's dormitory was completed in 1967.

All buildings except a few of the original structures are cooled by refrigeration in the summer.

The Fleming Library

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 materials.

The College collection contains over 43,000 books and bound periodicals. Approximately 575 magazines and journals are received currently.

Music Library

The Brantner Library of Recordings, housed in the Fleming Library, is one of the finest to be found in a college of arts and sciences. A listening room is provided for the use of those recordings. The records in the initial collection were given by an Arizona cowboy, Chet Brantner, of Mohave County, who collected them over a period of more than 25 years. Soon after the opening of the College, he gave his entire collection so that it might furnish inspiration to the students and bring enrichment and enjoyment to the lives of many people. It is composed of approximately 600 albums containing a total of 6,000 selections. Some of these are collectors' items and include original recordings by great voices of the Golden Age, such as Caruso, Melba, Galli-Curci, and Schumann-Heink. Valued at \$20,000, the collection has representative masterworks of all the traditionally honored composers from Gluck in the eighteenth century to such contemporaries as Villa-Lobos. Other friends of the College have added albums to this collection.

Gymnasium-Auditorium

The red brick gymnasium-auditorium has an especially fine maple playing floor. It contains locker and shower facilities and equipment rooms for men

and for women as well as office space and classrooms. A stage at one end is used for musical and dramatic performances. Bleachers will seat 1200 and chairs on the playing floor will accommodate an additional 1000 persons.

Bright Angel Hall

Bright Angel Hall, named for Bright Angel Creek at the bottom of the Grand Canyon, was completed in 1960. It houses 60 women students in a two-story, fireproof brick building. The rooms are large and are well furnished. Another unit is being planned to accomodate an additional 60 women.

Kaibab Hall

East Kaibab Hall, named for Kaibab Forest, was completed in 1963. It is similar to Bright Angel Hall, except for size. An addition, Kaibab West, was completed in 1967. The east and west wings combined have a total capacity of 118 men.

Charles M. Cooke Health Center

The Alumni Association of the College sponsored the raising of funds for the health center, erected in 1960. It is named in honor of the College Physician, who has served the College throughout the years without charge. 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 six classrooms, a conference room, the Moss Parlor, and five offices for faculty members.

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.

The Canyon Highways is a quarterly bulletin published by the College for the purpose of presenting the activities of 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 institution.

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 regular elective offices. The association's official bulletin, *Antelopes About*, appears quarterly during the school year.





II. Financial Information

Student Expenses

Part-Time Employment

Student Loans

Scholarships and Tuition Grants

Custody of Organization Funds

FINANCIAL INFORMATION

STUDENT EXPENSES

The regular school year is composed of two semesters. Each semester is 18 weeks in length. Summer school sessions are composed of two terms of five weeks each.

The expenses of a student are due and payable at the beginning of each semester or term and must be paid, or satisfactory arrangements concerning them made with the Business Manager, before the student's registration is official.

Deferred Payment of Education Costs

For students and parents desiring to pay education expenses in monthly installments, a low cost deferred payment program is available through Education Funds, Inc., a nationwide organization specializing in education financing.

Contracts may be written to cover all costs payable to the College over a four year period in amounts up to \$14,000.00.

Parents desiring to use this financing plan should write to the Business Manager of the College or to Education Funds, Inc., 10 Dorrance Street, Providence, Rhode Island 02901.

If funds cannot be obtained through Education Funds, Inc., other loan funds are available to needy students. (See page 28 for further information.)

Deadline for Clearing Accounts

Students having unpaid bills at the end of the semester or term are not admitted to the final examinations until satisfactory arrangements have been made. Arrangements for loans should be made at least two weeks before the semester ends.

Special permits to take examinations even though the student has not completed the above arrangements may be issued at the discretion of the Business Manager. There is a \$2.00 fee for each day that the Business Office issues such a permit.

The Board of Trustees reserves the right to change all fees and charges.



Registration Fees and Tuition

Tuition per semester hour (seven hours or more).....	23.00
(The cost of each remedial course is calculated as though three semester hours of credit were granted. The rate per hour is the same as for courses taken for credit.)	
Tuition per semester hour (six hours or less).....	\$ 15.00
Audit fee, per semester hour	15.00
Additional fee for private lessons in voice, piano, organ, and orchestral instruments, per semester:	
Two half-hour lessons per week	
(Two semester hours credit)	35.00
One half-hour lesson per week	
(One semester hour credit)	22.00
Additional fee for instruments (required for class instruction in orchestral instruments)	5.00
Additional fee for Apprentice Teaching, per semester hour of Apprentice Teaching	5.00

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 registration fee regardless of the date when registration was begun.)	
Temporary registration permit fee	5.00
Course changes after close of regular registration.....	2.00
Penalty for clearing accounts after the deadline date at the beginning of the semester:	
Nine or more hours, per week late.....	5.00
Eight or less hours, per week late.....	2.50
Special permit to take examinations, per day.....	2.00
Late examination fee (for any major exam).....	2.00
Special typewriting examination, per semester hour of credit equivalent	7.50
Graduation fee	10.00
Transcript of credits, except the first.....	1.00
Parking fee, per semester:	
Nine hours or more.....	5.00
Eight hours or less.....	2.50
Charge for registering second car.....	.50

Duplicates of meal tickets, activity tickets, etc.50
Returned checks, each	2.00
(Additional \$2.00 fee if not corrected within 30 days)	

Evening School Charges

Tuition, per semester hour (seven hours or more).....	23.00
Tuition, per semester hour (six hours or less).....	\$ 15.00
Audit fee, per semester hour.....	15.00
Late registration fee.....	2.00
Parking fee, per semester.....	1.00

Summer School Charges

Tuition, per semester hour.....	\$ 15.00
Audit fee, per semester hour	15.00
Room, per term.....	40.00
Board, per term	60.00
Student services fee, per term.....	2.50
Parking fee, per term	2.00

Special Charges

Matriculation fee (Not refundable).....	\$10.00
This one-time fee must be paid before the Registrar's Office will set up a file for a student. Part-time students taking less than seven hours are not required to pay this fee until they register for their thirteenth cumulative hour at Grand Canyon College.	
Dormitory room reservation deposit.....	10.00
(Applied toward room rent)	
Should the student not enroll, this deposit may be refunded if the intention not to enroll is made known to the College by August 15 for the fall semester or by January 15 for the spring semester.	
Breakage deposit	10.00
This deposit remains in effect as long as the student plans to continue his studies and is subject to charge for property loss or damage; breakage or violation of rules in any laboratory, classroom, or the library; for loss of keys; and for other miscellaneous charges. Each semester the student must restore the breakage deposit to the \$10.00 balance if a charge has been made against the deposit during the previous semester. Upon completion or termination of the student's course of study, written application may be made for refund.	

Room and Board

Room rent is \$160.00 per semester, payable at the time the student registers. Room rent is not refundable after one week has elapsed since the first day of classes. Linens, towels, blankets, and pillows must be furnished by the student.

Room rent is charged at the rate of \$1.50 per day for those students staying in the dormitories at times other than when the school is officially in session. These charges apply during the Christmas holidays, between the close of the spring semester and the beginning of the first summer term, and between the end of the summer term and the opening of the fall semester.

A student is charged for his board at the time he registers. The student may purchase either a five day or a seven day meal ticket. There is no refund because a student misses meals from time to time or goes on college-sponsored tours. Board prices are established with the expectation that a student normally misses meals occasionally. The cafeteria is closed during the Thanksgiving, Christmas, and spring holidays. Board costs are as follows:

Five day meal ticket, per semester	\$175.00
Seven day meal ticket, per semester	210.00

Individual meals may be purchased for cash at moderate cost at the cafeteria by commuting students, members of the college staff, and guests.

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 Grand Canyon College. All students living in the dormitory must have this or comparable insurance and commuting students are encouraged to carry such insurance.

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.

SCHOOL EXPENSES, PER SEMESTER:

	On Campus Students	Commuting Students
Tuition (16 hours)	\$368.00	\$368.00
Matriculation Fee (first semester only — not refundable)	10.00	10.00
Parking Fee (For students with cars)	5.00	5.00
Room Rent	160.00	
Board — Seven Day Meal Ticket	210.00	
Insurance	12.50	12.50
Breakage Deposit (first semester only — refundable)	10.00	10.00
Post Office Box Rental	1.00	
Sub Total	\$776.50	\$405.50
Books and Supplies (estimate)	45.00	45.00
Total	\$821.50	\$450.50
Total expenses for a continuing student	\$801.50	\$430.50

Students living on the campus must have hospitalization insurance. Commuting students are encouraged to take such insurance. The College cannot issue this insurance later than the last day of registration for credit. (See Academic Calendar, pages 6 and 7.)

Refunds

If a student is forced to withdraw from school because of sickness or other unavoidable causes approved by the administration, the amount of charge to be deducted from refund is based on the scale listed below, beginning with the first day of registration week:

Attendance of one week or less	\$25.00
Attendance between one and two weeks	10% of total tuition
Attendance between two and three weeks	20% of total tuition
Attendance between three and four weeks	40% of total tuition
Attendance between four and five weeks	60% of total tuition
Attendance between five and ten weeks	70% of total tuition
After ten weeks	100% of total tuition
Fees are not refundable after the first week.	

In order to get a refund, the student must make an 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 or not. Minimum charge for withdrawing from Evening School is \$5.00. After the fifth week, refunds are not made for dropping individual courses, but only for complete withdrawal.

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 in which such refunds are due. 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.

PART-TIME EMPLOYMENT

Every effort is made to assist a student in obtaining part-time employment. Under ordinary circumstances, one who plans to earn his way should have enough money to carry him through the first semester. Money earned by a student employed on the campus is applied toward payment of his account if this is necessary in order to bring the account up to date. If the student's account with the College is current, his earnings may be paid to him in cash or applied to the current semester's expenses or to expenses of future semesters.

Numerous jobs are available for both men and women students. Campus jobs include the following: secretaries, switchboard operators, custodians, cafeteria helpers, laboratory assistants, lawn maintenance workers, building maintenance personnel, library assistants, accompanists for the Music Department, and dormitory assistants. Grand Canyon College is participating in the Work-Study Program, and some students may be eligible for the Economic Opportunity Grants of the Federal Government. Persons interested in such employment should communicate with the Business Manager.

In addition to campus employment there are many off-campus jobs available. Persons who are interested in such employment should communicate with the Dean of Students.

STUDENT LOANS

Numerous loan funds administered by the College are available. A student may be permitted to make a note payable to the College for a portion of his account. Loan applications should be made at least two weeks in advance of

need. All College loans exceeding \$25.00 require a cosigner, regardless of whether the student is 21 years of age or not. National Defense Loans and United Student Aid Fund loans do not require a cosigner if the student is over 21. The Business Manager can supply further information.

Adair Loan Fund. This fund, made available by Mr. and Mrs. Oliver Adair, is restricted to *freshman* men or women with grade averages of "C" or above. Interest is 6% per annum after the borrower terminates connection with Grand Canyon College.

Anonymous Loan Fund. An anonymous contributor established a fund for loans to be made to *ministerial* students in need. Interest is 6% per annum from the date of the loan.

Bank Loans. The college has an arrangement with a local bank whereby the student may pay one-fourth of his school bill at the time he registers and put the balance on a bank note. The student may have four months (fall) or six months (spring) in which to pay the note. All arrangements may be made in the Business Office.

Lt. Stephen A. Beck Student Loan Fund. This fund, provided by Dr. and Mrs. Roland L. Beck, is available to *senior* students who have maintained at least a "C" average each semester while attending Grand Canyon College. Interest is 3% per annum from the date of the loan.

Orvilla Briscoe Memorial Student Loan Fund. This fund, made available by Mr. and Mrs. B. D. Gladden, is for *junior* or *senior ministerial* students with at least a "C" average in their work. The student may borrow up to \$250.00 per semester. The loan may be repaid starting four months after he ceases to be a full-time student at Grand Canyon College. At this same time interest at 6% per annum begins. After payments begin, the student has 36 months to pay off the loan.

The Katherine Brooks Loan Fund. This fund was established by Mr. and Mrs. Troy E. Brooks. Its purpose is to assist worthy young *ladies* in the *junior* and *senior* classes who need help financially to enable them to complete their college work. Interest is 6% per annum from the date of the loan.

J. W. Caperton Foundation Student Loan Fund. This fund was made available by Mr. J. W. Caperton for *ministerial* students. Interest is 4% per annum.

Education Funds, Incorporated. This fund is described on page 23.

Peter H. Ethington Memorial Student Loan Fund. This fund, provided by members of the Ethington family, is available to *all students*. Interest is 6% per annum from the date of the loan.

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.

National Defense Student Loan Fund. This fund, established in 1958 by the Federal government, is available for needy students in any field of study. The Act specifies, however, that in the selection of students to receive loans . . . special consideration shall be given to students with a superior academic background. Funds may be repaid beginning nine months after the student ceases to be at least a half time student. The loan may be repaid over a ten-year period. Interest is 3% per annum beginning nine months after the student ceases to be at least a half time student.

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.

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.

United Student Aid Funds. This is a private, non-profit service corporation which endorses low cost, long term loans made by local banks to needy college students. USA Funds serves as an intermediary between the student's hometown bank (which makes the loan at cost or below) and the student's college (which underwrites the loan by depositing funds in the USA Funds reserve). The student must maintain at least a "C" average in his work in order to continue to get this loan. The loan may be paid back beginning nine months after the person ceases to be a full time student. Any full time student may apply.

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. A student is not permitted to receive scholarships or tuition grants administered by the College in an amount with a combined total of more than 70% of the cost of tuition without special authorization from the Scholarships Committee. Some of the publications tuition grants, since they are grants made on the basis of employment, are not included in this rule.
2. Ministerial tuition grants are available during the regular fall, spring, and summer terms.
3. Scholarships are not available during the summer terms.
4. Grade average requirements for all scholarships are regulated by the Scholarships Committee.

Ministerial Tuition Grants

For persons who are affiliated with the Southern Baptist Convention tuition grants up to four years are available to ministerial students, mission volunteers, wives of ministers, and children of ministers. Such persons may, when approved, be granted a maximum of the following percentages of tuition:

Minister (male) or mission volunteer (male or female)	70% of tuition
Minister's wife	20% of tuition
Minister's child	16% of tuition

Requirements:

1. The tuition grant does not apply to courses which are audited.
2. The recipient must meet the College entrance requirements.
3. College graduates are not eligible.
4. The recipient must not use tobacco or alcoholic beverages and must be deserving.
5. If the recipient is a minister, he must have been licensed or ordained

before the beginning of the semester or term for which the grant is made.

6. If the recipient is a minister or mission volunteer, he must take at least a first minor in Bible or Religion. (He should enroll in one such course each semester until the first minor is completed.)

7. If the recipient is a minister, he must attend monthly meetings of the Ministerial Association unless excused by the faculty sponsor.

Requests for further information regarding these grants should be sent to the Dean of Students.

Baptist State Convention Grants

A total of 30 grants to cover 50% of tuition are awarded by Grand Canyon College to five Southern Baptist Students from each of the following state conventions: Alaska, Colorado, Hawaii, New Mexico, Oregon-Washington, and Utah. Students selected to receive these grants must qualify for admission as regular students under current admission standards of Grand Canyon College. The actual selection of the students is made by the state executive secretaries and/or their executive boards.

Departmental Scholarships ~~35%~~ 50%

A Departmental Scholarship in the amount of ~~35%~~ 50% of tuition is provided in each department which offers a major.

Requirements:

1. A minimum of one semester (12 hours or more) already completed at Grand Canyon College.
2. Junior or senior standing and declaration of major in the department.
3. An average of "B" on all work taken in the College and an average of "B" in the department offering the scholarship.

Helen Youngs Memorial Fund

The income from an endowment provided by 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.

Honor Scholarships

Honor scholarships for 70% of tuition are available in limited number to freshmen during the year following high school graduation, provided they ranked in the upper 5 per cent of their classes in high schools with fewer than 1,000 students and in the upper 10 per cent in larger high schools. These scholarships are renewable for the full four years of college, provided a "B" average is maintained and provided that the student's record in other

respects is acceptable. Applicants may write to the Registrar for the necessary forms.

Publications Tuition Grants

Eight grants for full or partial payment of tuition are awarded for work on College publications:

1. Editor of *Canyon Trails*, 70%.
2. Assistant editor of *Canyon Trails*, 30%.
3. Business manager of *Canyon Trails*, up to 100%.
4. Editor of *Canyon Echoes*, 70%.
5. Assistant editor of *Canyon Echoes*, 30%.
6. Business manager of *Canyon Echoes*, up to 100%.
7. School photographer, 70%.
8. Assistant photographer 30%.
9. Sports writer, 100%.

Persons who are interested may write to the Registrar for application forms.

Opdyke Grants

The Opdyke Fund is designed for the education of mountain people and is awarded to worthy students who qualify. Five such grants in the amount of \$150.00 (\$75.00 each semester) are awarded. Applicants may write to the Registrar for the necessary forms.

Special Abilities Scholarships

Athletics:

A limited number of basketball, baseball, and tennis scholarships for 70% of tuition are available. Individuals may write to the Registrar for the necessary application forms.

Music:

Twenty special music scholarships in the amount of 70% of tuition may be awarded each school year. Fifteen general music scholarships are available in the amount of 35% of tuition. Recipients of such scholarships in either amount are expected to participate in musical performances at the direction of the College. Persons who are interested may write to the Registrar for the necessary application forms.

Art, Drama, Speech:

Special talent scholarships amounting to 35% of total tuition are offered to qualified students. Recipients are expected to use their talents in projects

sponsored by the College. Persons who are interested may write to the Registrar for application forms.

Note: Students on probation for any reason may not receive special abilities scholarship aid.

Woman's Missionary Union Grants

Four grants of \$175.00 per year are awarded to women students who are mission volunteers or engaged in full-time Christian service and who are members of churches affiliated with the Arizona Southern Baptist Convention. Those desiring further information may write to Woman's Missionary Union, 400 West Camelback Road, Phoenix, Arizona 85013.

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.



III. Student Life

Conduct

Marriages

Religious Life

Chapel Attendance

Absences from Campus and City

Eligibility for Activities

Organizations

Honors and Special Recognitions

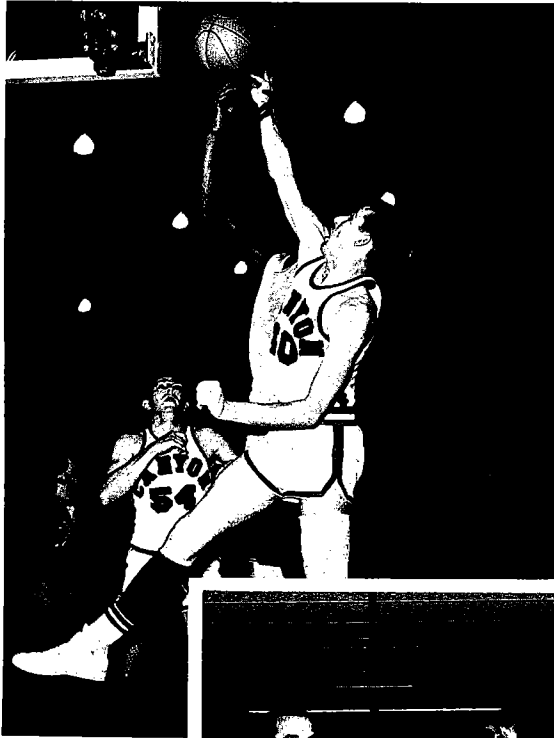
Student Publications

Activities

Physical Education

Student Services

Traditional Events



STUDENT LIFE

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 register at Grand Canyon 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. While some students may not have personal convictions in accord with College policies, a person's enrollment at Grand Canyon College assumes that he accepts responsibility for honorable adherence to these standards while under the jurisdiction of the College.

Any entertainment or other activity provided in the name of the College or any department of the College must have the approval of the Dean of Students.

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 Dean of Students.

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.

Gambling, the use of profane language, and the drinking of intoxicating beverages are entirely forbidden.

Smoking is discouraged and is not permitted on the campus except in one's own living quarters.

When a student does not meet the College's general standards of behavior or comply with its regulations, the College may take disciplinary action. Such action may take the form of a warning, restriction of certain privileges, suspension, or final dismissal.

MARRIAGES

The College stresses a Christian approach to all areas of life, including marriage and family living. In order that a proper foundation for marriage can be laid, the College believes that an adequate period of pre-marital preparation is necessary. The College does not encourage a student to enter into marriage during the academic year, since such marriages tend to create problems which concern both the student and the College. A student contemplating marriage during his college career is requested to confer with the Dean of Men or the Dean of Women.

A student who secretly marries while enrolled in Grand Canyon College will be subject to suspension. Any student under 21 years of age who marries without the consent of parents or guardian will be subject to suspension.

RELIGIOUS LIFE

Emphasis is placed, not only upon the training of the body and the mind, but also upon the development of moral and religious values. In chapel programs, in classroom discussions, and in every relationship where the occasion arises, it is in accord with the policy of the College that the value of Christian living be upheld. Students are encouraged to join local churches of their own faiths and to attend the services regularly.

Various organizations provide opportunities for religious service and participation both on the campus and in the community.

A Spiritual Emphasis Week or Religious Focus Week is conducted each year. Continuous emphasis upon Christian growth is maintained.

CHAPEL ATTENDANCE

All students taking nine or more semester hours are required to attend chapel. (See page 37 for a statement concerning adherence to the policies of the College.)

ABSENCES FROM CAMPUS AND CITY

The Dean of Women or the Dean of Students 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.

ELIGIBILITY FOR ACTIVITIES

Any student with a cumulative grade point average of 1.50 or higher may participate in extracurricular activities provided by the College except as restricted by regulations established for campus organizations and inter-

collegiate 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 Student Association includes all students registered for nine or more semester hours for the current semester. The Association elects six officers and each class elects a man and a woman representative. These officers and representatives comprise the Student Council. General meetings of the Association are held in addition to weekly meetings of the Council.

The Council seeks to provide a means of mediation for any problems that may arise from the Student Association and to be a nucleus for sponsoring and co-ordinating campus activities. It promotes faculty-student cooperation, works for campus improvements, and promotes interests which contribute to the development of individuals and of the College.

Classes are organized with officers and committees. They promote various projects throughout the school year.

Each residence hall has a council which cooperates with the director of the hall in formulating and implementing policies affecting the residents.

Student Clubs

Because Grand Canyon has a variety of campus organizations, each student is able to find organized activities which are particularly interesting or helpful to him. These clubs and activities may be classified into Departmental and Professional Clubs, Service and Honorary Organizations, and Religious Organizations.

Departmental and Professional Clubs

Canyon Business Club seeks to inform the business student of the methods, opportunities, and the challenges of business.

The Forensic Club endeavors to encourage student participation in all types of public speaking at both the intramural and the intercollegiate level.

International Relations Club aims to promote better race relations at home, better international relations and a sense of citizenship responsibility, and to stimulate study of world-wide social, economic, and political problems. Membership is open to all interested students. The club has regional, national, and international affiliation.

Modern Language Club is open to persons interested in the languages and cultural contributions of other language groups.

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.

Varsity Club is composed of students who have lettered in sports. It serves as a social club and strives to promote interest in athletics.

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.

Senior Women's Honorary gives recognition to senior women for outstanding scholarship and service.

Sigma Gamma Chi is an honorary service fraternity for men, designed to promote excellence in academic, campus, and civic affairs. Men may qualify for membership on the basis of their freshman academic records.

Religious Organizations

Baptist Student Union, made up of all students who are active in Baptist churches, elects a council which correlates and gives assistance to all the religious activities of the school.

Life Service Group is open to all students who wish to do religious work on the campus, through the churches, and on the mission field.

Ministerial Association meets once each month for the purpose of discussing problems pertaining to the work of the gospel ministry. It helps the College to become a congenial home for young men who are preparing for the pastorate.

Wives of Christian Workers consists of the wives of students preparing for church related vocations. This organization proposes to encourage the members to study the Bible, to establish Christian homes, and to prepare for better service in companionship with their husbands.

Ann Hasseltine Y.W.A. (Young Woman's Auxiliary) provides women students an opportunity for community service and the study of local and world missions.

HONORS AND SPECIAL RECOGNITIONS

Honors Day

Each year a day is designated for a special assembly and other appropriate activities to recognize the achievements of students who have distinguished themselves in academic pursuits or in student leadership. Ordinarily included in the recognitions are students who belong to one of the following categories: Ray-Maben Scholars, current recipients of Honor Scholarships and Departmental Scholarships, other students with particularly outstanding academic records, Junior Class Marshals, members of the Iota Phi, students named for the current year in Who's Who, major officers in the Student Association, editors of student publications, recipients of regional or national awards for excellence in academic, forensic, literary, or cultural affairs.

Ray-Maben Scholars

This recognition represents the highest scholarship honor awarded by Grand Canyon College. Graduating seniors must have a cumulative grade point average of 3.80 to be eligible for membership.

Graduation with Honors

The requirements for graduation with honors are stated on page 60.

Honor Roll and Dean's List

At the close of each semester, the freshman and sophomore honor rolls and the dean's list are published. Only students carrying 12 or more semester hours are considered for these honors.

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 61.

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.

Puckett Award

Dr. J. Niles Puckett gives annually a Thayer's Greek Lexicon to the student who makes the highest average in first year Greek and who is recommended by the faculty for the award.

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*.

Organizations Related to Academic Achievement

Organizations of this nature are described on page 40.

STUDENT PUBLICATIONS

The Antelope, the student handbook published by the Student Council, makes available detailed information concerning rules and procedures for approved student activities.

Canyon Echoes, the bi-weekly campus publication, reflects the ideals, achievements, activities, and problems of student life. It offers a vehicle for student dialogue and training in citizenship.

Canyon Trails is the College yearbook, published annually by a student staff. Each holder of activity tickets for both semesters of the current year is entitled to a copy without additional cost.

Shadows, a literary journal published by students of the advanced English composition classes, contains short stories, verse, essays, and critiques contributed by the students.

ACTIVITIES

Educational Tours

A three-day educational tour, which students may take at moderate cost is arranged for each fall and each spring semester.

The fall tour to the northern part of Arizona includes such points of interest as Prescott, with the first state capitol and the old Governor's Mansion (now a museum), the ghost city of Jerome, Oak Creek Canyon, Walnut Canyon Cliff Dwellings, Montezuma Castle, Sunset Crater, Snow Bowl on San Francisco Peaks, and the Grand Canyon.

The spring tour takes the student southward to Casa Grande Ruins, Old Tucson, Tumacacori National Monument, Tombstone, with its famed Boot Hill Cemetery and other sites made famous by the rip-roarin' Gold Rush days, Chiracahua Mountains, open pit mines at Bisbee, Sonora Desert museum, and Nogales.

Intramural Athletics

During the regular academic year, a program of intramural sports is provided, including such activities as volleyball, tennis, horseshoes, badminton, softball, ping pong, etc., for both men and women.

Drama, Radio, and Speech Activities

Opportunities for dramatic, radio, and speech participation on the part of the student are available at Grand Canyon College. There are plays, operettas, and intercollegiate forensics and debate. These activities are grounded in the instruction provided by the regular curriculum.

Musical Programs

The Oratorio Society is open to all students without audition. It presents a public performance of some major choral work each semester.

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 Band provides musical entertainment for the campus at various times and adds 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 are required of all students as well as three hours in health content subjects.

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 38 for eligibility rule.)
2. A member of the faculty shall accompany all teams when they are away from the College.
3. All funds shall pass through the books of the College Business Office and all checks shall be signed by the Business Manager. The President shall approve all contracts or orders involving money.

STUDENT SERVICES

Housing

An unmarried student must live in his parental home, in a College residence hall, or in a home approved by the College.

The dormitories offer attractive and comfortable housing and are supervised by hall directors. Each hall is governed by a dormitory director and a

council representing the hall. A student is expected to be quiet and orderly in the dormitory and thoughtful of the rights of others.

Room assignments are made in the order of the date of application and payment of reservation fee. The interests of the dormitory as a home, and sometimes the interests of the individual himself, may demand that he change his place of residence.

The dormitories are closed during the Christmas holidays, but are open during other recesses.

All students residing in the dormitories must eat their meals in the College cafeteria except during a recess when the cafeteria is closed.

The administration reserves the right to make such regulations as may seem advisable in regard to its responsibility for students who live off the campus and away from their parents.

The minimum course load for a dormitory resident is stated on page 61.

Food Service

The College cafeteria provides well-balanced meals. All residents of the dormitories are required to eat their meals in the cafeteria. Other persons may buy meals on an individual basis. The cafeteria is closed during the Thanksgiving, Christmas and spring holidays.

Light lunches and refreshments are also available in the Student Center.

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.

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.

A student transferring from another institution must have a medical doctor complete the Grand Canyon College Health Certificate and return it to the College.

Medical and hospitalization insurance is available at a cost of \$12.50 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 advisers.

Teacher Placement

A teacher placement bureau is maintained by the College without cost to 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.

TRADITIONAL EVENTS

All-School Welcome Party
 President's Reception
 Work Day
 All-School Picnic
 State B.S.U. Convention
 Harvest Festival
 Founder's Day
 Tour to Grand Canyon
 Spiritual Emphasis Week or Religious Focus Week
 Thanksgiving Breakfast
 Friends of the Library Luncheon and Book Review
 Mom and Dad's Day
 Dramatic Presentations
 Needy Children's Christmas Party
 Christmas Dinner for International Students
 Choralaires' Christmas Concert
 Oratorio Society Performance
 Homecoming
 High School Round-Up
 Spring Banquet
 Honors Day
 Music Recitals
 Southern Arizona Tour
 Choralaires' Tour
 Choralaires' Spring Concert
 Installation of Student Council
 State B.S.U. Spring Retreat
 Antelope Day
 Varsity Dinner
 Junior-Senior Banquet
 Senior Class Day
 Book Review Luncheons
 Bible Conference
 College Preview

CURRICULUM ADJUSTMENTS FOR TRANSFER STUDENTS

Bryan

Mathematics:

1. Transfer students with 6 or more hours of college mathematics will not be required to take Math 113.
2. Math 113 is recommended for mathematics majors.

Science:

1. Transfer students with a satisfactory grade in a laboratory course in physical science and with a satisfactory grade in a laboratory course in life science will not normally be required to take an additional course.
2. Students with two general (non-lab) science courses will be required to take one laboratory science in addition.

Social Studies:

1. Students may satisfy the history requirement in the social foundations area in any one of the following arrangements:
 - a. Complete satisfactorily History of Civilization I, II, and III.
 - b. Students who transfer to Grand Canyon College with 6 hours of American History will be required to complete History of Civilization II to complete their history requirement.
2. Government 353 and Government 363 will be combined to form Government 303, Federal and Arizona Governments, the 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 lay the groundwork for further studies. The course would meet the teacher certification requirement in American and Arizona Governments. 3 semester hours.

For students who desire only Federal Government or Arizona Government:
Government 302a; Federal Government. The first half of Government 303, a survey of American Government. This half would meet the teacher certification requirements in National Government. 2 semester hours.

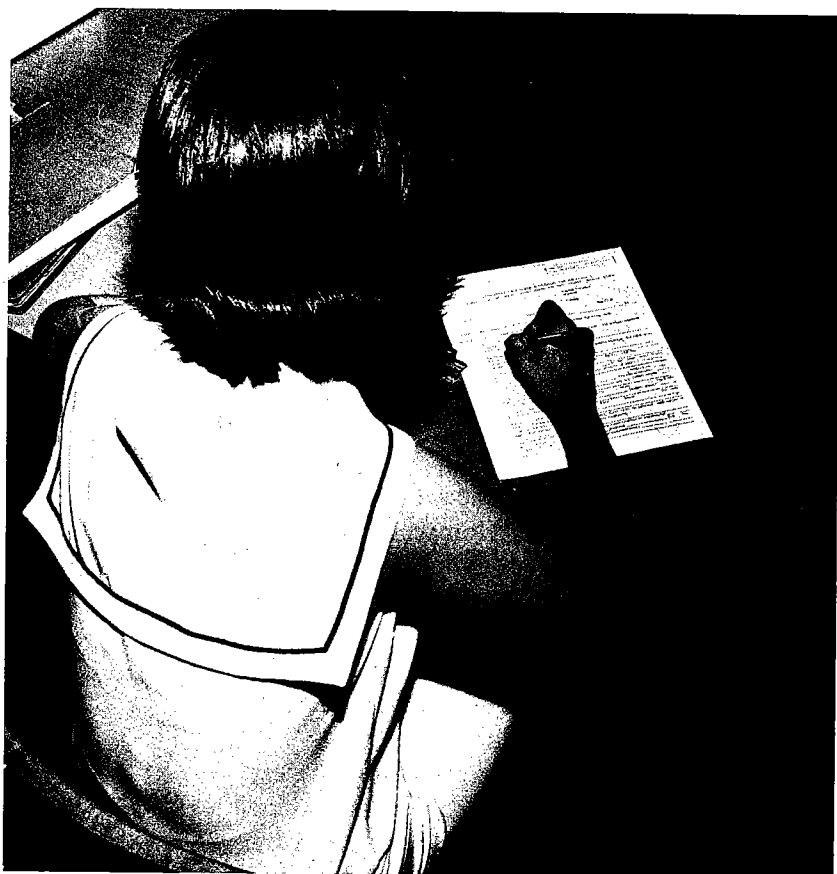
Government 302b; Arizona Government. The second half of Government 303, a survey of Arizona History and Government. This half would meet the teacher certification requirements on Arizona Government. 2 semester hours.

English (Humanities):

1. Students who submit satisfactory credit for two semesters of World Literature will not be required to take English 213. Students who present the Introductory semester in World Literature may be excused from English 213 with the approval of the department, depending upon the nature of the work covered in the World Literature course.
2. Note: The humanities program is designed to assure that students are acquainted with the entire spectrum of music, art, and English literature from earliest times to the present. Consequently, transfer students who have studied only the early period of art and music appreciation, normally from early time to the Renaissance, must round out their humanities program by completing the appropriate sequential courses at Grand Canyon College. As has been the custom in the past, the humanities program will not be fragmented. That is, literature, art, and music must be taken concurrently, unless the student presents satisfactory credit in one or more of these exact areas.

Journalism:

1. Journalism 211, Publications. A course designed to give an elementary understanding of news story form, journalistic photography, headline and caption writing, page layout, editorial and column writing, and feature writing. The student newspaper and college yearbook will be produced as a laboratory project. Membership is open to all students. Every semester - 1 hour (May be repeated for a total of 4 hours credit).



IV. Admission Policies & Procedures

General Requirements for Admission

Academic Eligibility for Admission

High School Units Required

Advanced Placement

Early Admission to College

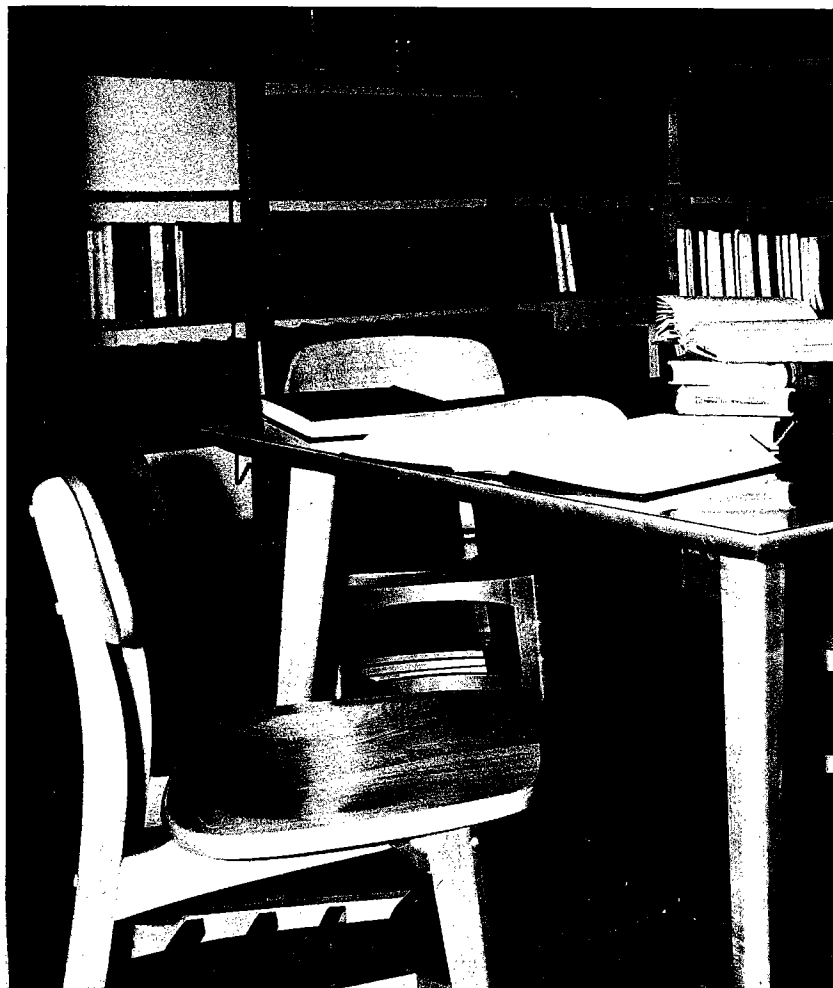
Requirements Preliminary to Admission

Entrance Examinations

Readmission

Transfer Students

International Students



ADMISSION POLICIES AND PROCEDURES

GENERAL REQUIREMENTS FOR ADMISSION

The College is coeducational, interracial, and open to students regardless of religious beliefs.

An applicant must be at least 16 years of age.

An applicant must furnish satisfactory evidence of good moral character and, if transferring from another institution of higher learning, must furnish an acceptable transcript.

An applicant is not permitted to disregard his record of any previous enrollment in any other institution of higher education. Failure to comply may result in dismissal or loss of credit.

ACADEMIC ELIGIBILITY FOR ADMISSION

A graduate of an accredited high school who ranked above the lowest quarter of his graduating class and who satisfies other requirements may be admitted to the College upon receipt of an official transcript sent directly to the College by the principal or superintendent of the high school.

Some applicants with low academic records are accepted as special students and are given assistance to help them develop the skills necessary for effective college work. After they demonstrate ability to do acceptable college work, they may apply for classification as regular students and count the credit already earned toward meeting graduation requirements.

A veteran who is not a high school graduate and who gives evidence of maturity and ability to do college work may be accepted as a special student on the basis of the G.E.D. and other admissions tests. Other applicants over 21 years of age may also be accepted in this manner.

Any applicant may be required to modify his program of studies to include remedial courses.

HIGH SCHOOL UNITS REQUIRED

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

Subjects	Units
English*	4
Mathematics	1
Social Studies (one in history)	2
Science (laboratory course)	1
Electives	8

*May be satisfied with three units of English plus one unit in modern language or in speech.

ADVANCED PLACEMENT

High school students who score 5 or 4 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 Dean. Students who score 1 or 2 on the advanced placement tests are considered individually by the departments concerned and the Dean.

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.

REQUIREMENTS PRELIMINARY TO ADMISSION

Prospective students may secure admission forms from the office of the Registrar.

Before notice of acceptance can be issued, the applicant must present the following records to the Registrar's Office:

1. A transcript of his high school record, if he is entering college for the first time, including a statement of the rank of the applicant in his graduating class. If he has been enrolled in another college previously, he must provide also transcripts showing all work attempted in college. The responsibility for requesting that the transcripts be mailed to the Registrar's Office rests with the applicant.
2. Test scores from ACT. The responsibility for requesting the American College Testing Program to send scores to the College rests with the applicant.
3. An Application for Admission on a form to be provided by the College.
4. A current Health Certificate from his physician on a form to be provided by the College.
5. Three personal references on forms to be provided by the college.
6. A recent photograph (snapshots are not acceptable). The date of photograph must be indicated.
7. A matriculation fee of \$10.00.
8. A room reservation deposit of \$10.00 and application for dormitory residence on a form furnished by the College (dormitory residents only).

In rare instances a person who does not have all the necessary records on file may, upon payment of a special fee of \$5.00, be issued a temporary permit to register. If any such records are still lacking at the end of the fifth week, the student is subject to dismissal.

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. Each prospective student should take the test in his senior year of high school and request that test scores be sent to Grand Canyon College.

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. (See also page 54 for international student testing program.)

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 69 for requirements 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 52), with the exception of his high school transcript.

Before enrolling, a student transferring from another college must have on file in the Registrar's office a transcript showing all work attempted at the institutions previously attended. An applicant is never permitted to disregard his record of any previous enrollment in any other institution of higher education. Transcripts received through the hands of students are not acceptable as a basis for admission. It is the responsibility of the student to request that his transcripts be mailed to the Registrar.

Before enrollment, 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. (See pages 69 and 70.)

Grand Canyon College accepts credits from other recognized liberal arts colleges and from universities if the work to be transferred is not of a highly specialized nature.

A maximum of 64 hours of credit is accepted from a junior college. The College does not recognize credits earned in a junior college after the student has completed 64 hours of college work.

Credit is not given for any course presented for transfer if the grade in that course is lower than a "C" or its equivalent. Quality points are not transferable. A course completed in another institution with a grade of "D" may be counted as a prerequisite for another course only upon approval of the instructor concerned.

A maximum of 30 hours of extension and correspondence work, including not more than 12 hours by correspondence, may be accepted for credit toward graduation.

The regulations concerning credit for extension and correspondence work are stated on pages 62 and 70 of the catalog.

A Guide to the Evaluation of Educational Experiences in the Armed Services is used in evaluating work submitted as a result of service in the Armed Forces.

A limited number of transfer students who do not have a "C" average in all college work already attempted may be admitted provisionally. (See page 64.)

A student who has been asked to withdraw from another college because of poor scholarship or for any other reason is considered for acceptance only if the period of suspension set by the former institution has elapsed or the college from which the student was asked to withdraw recommends that he be admitted to Grand Canyon College. During his first semester he may, upon recommendation of the Dean 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.

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 Mr. Shih-Ming Wang, Grand Canyon College, P. O. Box 11097, Phoenix, Arizona 85017.

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

International students entering Grand Canyon College are given a standardized language proficiency test, which assists their advisers in determining how much academic load they should undertake and what English courses they may need. Other students with English as a second language may also be given this test.



V. General Academic Regulations

Definition of Semester Hour

Numbering of Courses

Classification of Students

Deferment of Courses

Grading System and Quality Points

Academic Honors

Audit Privileges for Honor Students

Course Load

Maximum Number of Hours in a Subject

Selection of Major and Minor Subjects

Correspondence and Extension Credit

Change of Courses

Dropping of Courses

Withdrawal from all Courses

Grade Requirements

Repeating of Courses

Academic Suspension

Academic Probation

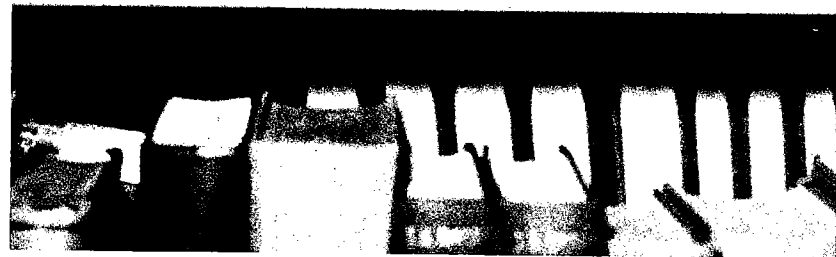
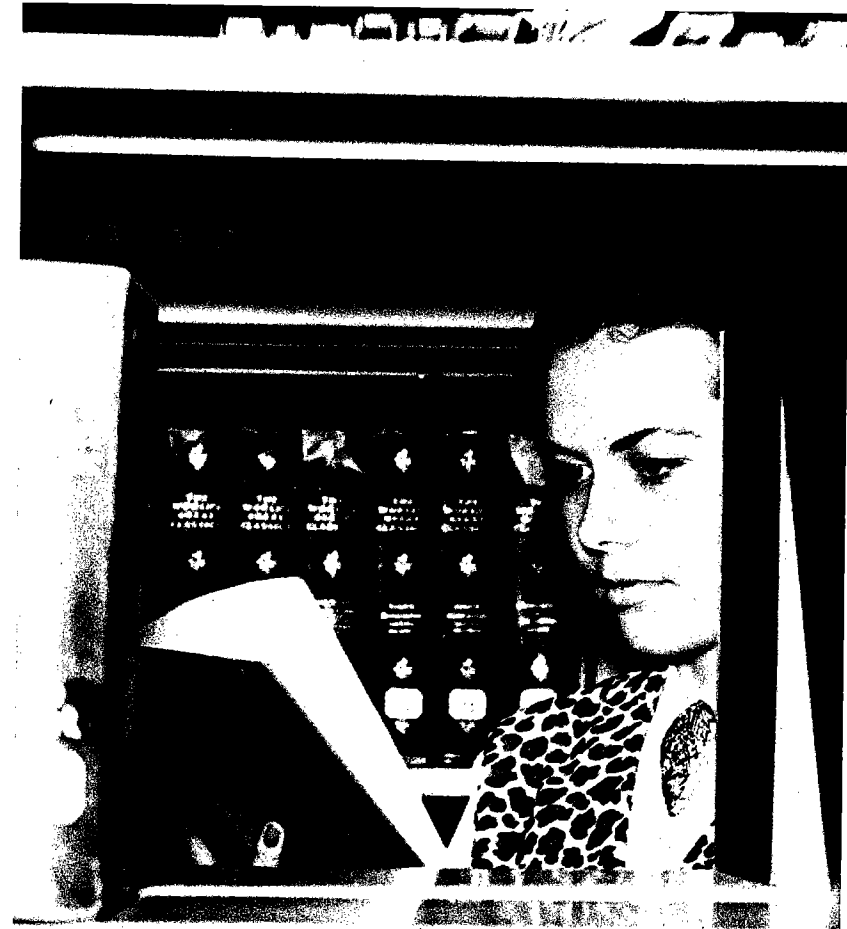
Provisional Status

Eligibility for Activities

Class Attendance

Absences from Campus and City

Permission to Take Examinations Late



GENERAL ACADEMIC REGULATIONS

DEFINITION OF SEMESTER HOUR

Grand Canyon College operates on the semester plan, offering two regular semesters of 18 weeks each. Credit is expressed in terms of semester hours. One semester hour normally requires one 50-minute class period per week throughout a semester. Adaptations of this principle are sometimes employed, especially in music and in laboratory courses. Summer sessions, composed of two terms of five weeks each, are operated on an accelerated schedule which is in accord with the semester hour principle.

NUMBERING OF COURSES

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

Courses from 100 to 199 are freshman courses.

Courses from 200 to 299 are sophomore courses.

Courses from 300 to 399 are junior courses.

Courses from 400 to 499 are senior courses.

Normally a freshman will not be permitted to take a course which bears a number higher than 299 and a sophomore not higher than 399.

The final digit indicates the number of semester hours of credit given.

CLASSIFICATION OF STUDENTS

A student is classified as a *freshman* until he has 32 semester hours.

A student is classified as a *sophomore* when he has 32 to 63 semester hours.

A student is classified as a *junior* when he has 64 to 95 semester hours.

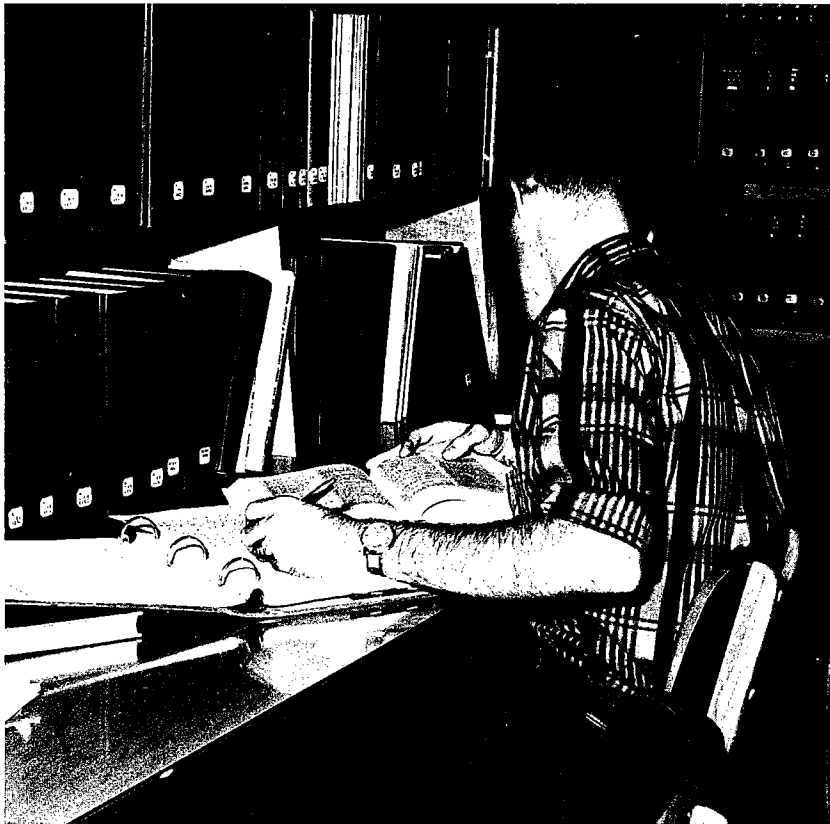
A student is classified as a *senior* when he has 96 semester hours of credit, has earned a grade index of 2.00 or above, has passed the English Usage Examination, and has filed an approved plan and application for graduation.

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.

A student must be officially classified as a senior when he registers for his final semester or term before graduation.

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

Auditors—those students who are enrolled in regular courses for no credit.



DEFERMENT OF COURSES

A student normally is not permitted to defer the taking of a required course. A student classified as a senior is not permitted to take as an elective a freshman level course without permission from the Dean.

GRADING SYSTEM AND QUALITY POINTS

Grade	Meaning	Quality Points per Hour
A	Superior	4
B	Above average	3
C	Average	2
D	Barely passing	1
F	Failure or unauthorized withdrawal	0
I	Incomplete (see note below)	0
WP*	Authorized withdrawal, passing; no credit	0
WF*	Authorized withdrawal, failing	0
Cr*	Credit given, but no grade or quality points	0
S	Satisfactory completion of audit or non-credit course	0
U	Additional work needed to meet requirements in non-credit course	0

*Hours 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."

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 WP, WF, 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:

An index of 3.40 to 3.59 may qualify for graduation *with distinction*;

An index of 3.60 to 3.79 may qualify for graduation *with high distinction*;

An index of 3.80 to 4.00 may qualify for graduation *with highest distinction*.

In order to qualify for a given honor, a transfer student must meet or exceed the grade index requirement for that honor both on his work done at Grand Canyon College and on his total college work.

Other Honors

Other honors related to academic achievement are described on pages 41-42.

AUDIT PRIVILEGES FOR HONOR STUDENTS

A junior or senior student who qualifies for the Dean's List during the fall semester may audit one course without charge during the next spring semester or summer session. A junior or senior student who qualifies for the Dean's List during the spring semester may audit one course during the next summer session or fall semester. Students are expected to audit courses in which they have an interest but which are not a part of their regular program. No student may audit a course which he plans to take for credit at a later date. This audit privilege covers the regular audit fee for any course offered the following semester or term, regardless of semester hours. It does not cover special charges.

COURSE LOAD

A student living on campus is expected to carry not fewer than 12 semester hours of work, except upon the advice of the College Physician or by special consent of the Dean.

A freshman normally is not permitted to register for more than 16 hours during his first semester. In the case of exceptional students, or in the case of a particular program of courses whose total is 17 hours with no feasible alternative, the maximum may be raised to 17 hours for a first-semester freshman.

No student may register for more than 17 hours unless during the preceding semester he made an average of "B" or above. The maximum number of hours for any student is 18.

The maximum course load normally to be allowed during a summer term is six semester hours. If one course is a four hour course, or if one hour of Physical Education or Music is taken, the student may be permitted to take seven hours.

Carrying a normal course load in college is considered to be a full-time job. For this reason the following rules have been adopted for the protection of students who find it necessary to earn part or all of their college expenses:

1. A student who has employment other than school work should not take more than 15 hours of college work.

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 reduce his course load or his work schedule.

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.

SELECTION OF MAJOR AND MINOR SUBJECTS

Not later than the beginning of his junior year each student must choose the department in which he wishes to major. He must consult the head of that department regularly thereafter in selecting the courses of study to be pursued. (See also page 73.) A change of major must be approved by the two major professors concerned and the Dean of the College.

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 Dean before he enrolls in a seminary extension course.

Records of all correspondence and extension work transferred from another institution must be filed 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 approval of the College.

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 Dean. The Business Office must also be informed of the change. Tuition may be refunded when changes are made upon the recommendation of the Dean or the President.

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 Dean.

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

Instruction 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 indicated on the form. A student who officially withdraws from school at any time during a semester is given the grade of "WP" or "WF," depending on his standing in each course at the time of his withdrawal. An unofficial withdrawal results in automatic grades of "F."

GRADE REQUIREMENTS

For graduation a student must present a minimum of 128 semester hours of credit and at least two quality points for each hour attempted at Grand Canyon College (a grade index of 2.00). Even when more than 128 hours are presented, the number of quality points must total at least twice the number of hours attempted at Grand Canyon College.

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

A candidate for a secondary teaching certificate must have a "C+" average (2.50) in his teaching major.

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

The rules stated in this section supersede grade requirements stated in previous catalogs and apply to all students.

REPEATING OF COURSES

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

A student may be permitted to repeat a course in order to remedy an earlier grade of "D" only upon recommendation of the department concerned and approval of the Dean. The last grade earned is considered the grade of record as it pertains to credit toward graduation.

ACADEMIC SUSPENSION

A student classified as a freshman for two or more semesters in Grand Canyon College who has a grade index of less than 1.25 at the end of the academic year is automatically suspended for one semester.

A sophomore who does not have a grade index of 1.62 by the time he earns 64 semester hours of credit is automatically suspended for one semester.

A junior or senior who does not make satisfactory academic progress may continue at Grand Canyon College only with permission of the Academic Affairs Committee. Normally, a junior's academic progress is considered unsatisfactory unless he has a cumulative grade index of at least 1.90 by the time he earns 95 semester hours of credit.

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

A person who has been suspended may normally 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 academic suspension is admitted provisionally. (See Provisional Status.)

The regulations in this section supersede all similar policies in previous catalogs and are effective for all students.

ACADEMIC PROBATION

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

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

A student on probation is not eligible for Special Abilities Scholarships, nor for an office in any student organization.

A student on probation is not classified as a senior scheduled for graduation. (See page 69.)

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.

ELIGIBILITY FOR ACTIVITIES

Any student with a cumulative grade point average of 1.50 or higher may participate in extracurricular activities provided by the College except as restricted by regulations established for campus organizations and inter-collegiate 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 with probationary or provisional status is ineligible to hold office in any student organization until his deficiency is overcome.

CLASS ATTENDANCE

1. Students are expected to be regular and punctual in class attendance. The student alone assumes responsibility for all absences. Instructors will permit students to make up tests and other work when the absence was entirely unavoidable or authorized by the Dean of Students.

2. To secure permission to make up work missed by absence, the student must account to his instructor immediately after his return to class in the manner prescribed by his instructor.

3. Regular and punctual attendance is considered in assigning grades.

4. If, during a regular semester, a student is absent for any reason, authorized or unauthorized, more than four times the number of times the class meets per week, he is given a grade of "F" for the course, regardless of the quality of his work in other respects.

5. During a summer term of five weeks, the maximum number of absences is four.

6. Absences on the day immediately preceding and the day immediately following a holiday recess may be authorized only by the Dean of Students. All such absences are recorded as double absences.

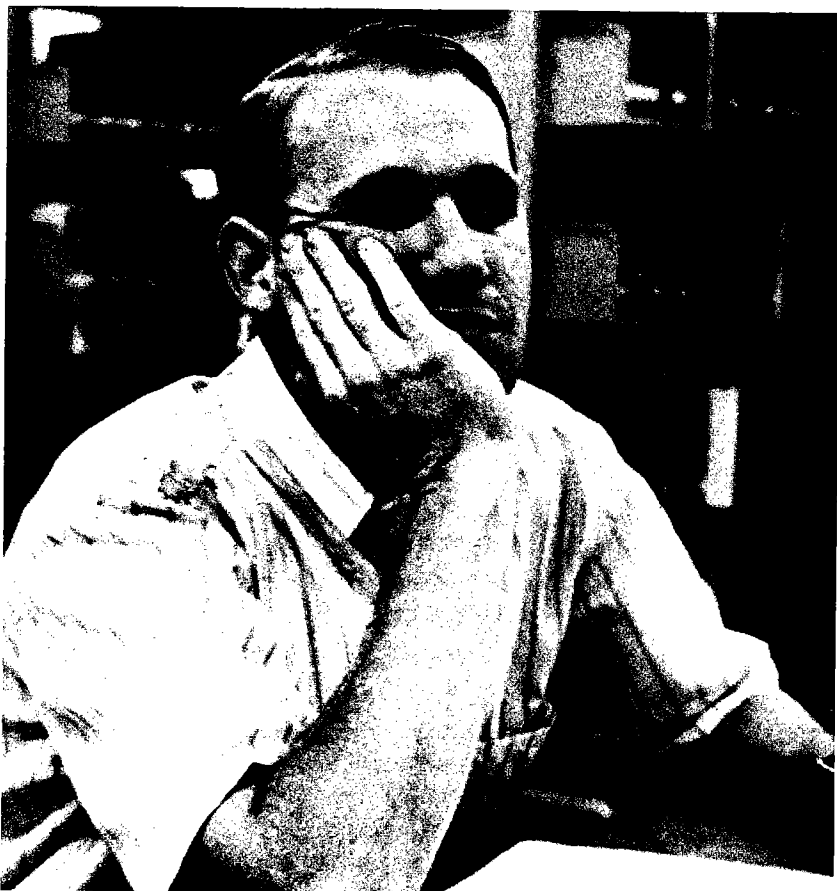
7. Class attendance records are effective as of the first day of class meetings in each semester. Students who register late are counted absent.

ABSENCES FROM CAMPUS AND CITY

The Dean of Women or the Dean of Students 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 restricted by policies of the residence halls concerned.

PERMISSION TO TAKE EXAMINATIONS LATE

Under certain conditions a student may be permitted to take a major examination which he missed. In all such cases the student must account to the instructor for his absence and must present a receipt from the Business Office showing payment of the necessary fee. (See page 24.)



VI. Graduation Requirements

Degrees Offered

Choice of Catalog

General Requirements for Graduation

Curricular Requirements for Graduation

Reading and Conference Courses

Honors Study Program

Specific Academic Programs in
Relation to Degrees

GRADUATION REQUIREMENTS

DEGREES OFFERED

The College offers curricula leading to the degree of Bachelor of Arts and to the degree of Bachelor of Science.

The Bachelor of Arts degree is granted to majors in Behavioral Sciences, English, History, Music, Religion, and Social Studies.

The Bachelor of Science degree is granted to majors in Biology, Business, Elementary Education, Mathematics, Music Education, and Physical Education.

CHOICE OF CATALOG

Ordinarily a candidate for a degree is expected to meet the graduation requirements as stated in the catalog in effect at the time of his first matriculation. If he completes graduation requirements more than six years after the date of his first matriculation, however, he must meet the requirements of a later catalog, thus: 1) if he has been a continuous student during the regular sessions, he must meet the requirements of the catalog in effect when application for his graduation is approved; 2) if he has been out of Grand Canyon College for one or more regular semesters, he must meet the requirements of the catalog in effect at the time of his latest matriculation. Any student may elect to meet the requirements of the catalog in effect at the time of his graduation.

GENERAL REQUIREMENTS FOR GRADUATION

NUMBER OF HOURS AND GRADE INDEX. The total number of semester hours required for graduation is 128 with a minimum grade index of 2.00, indicating an average of "C," on all work taken at Grand Canyon College.

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 Education, 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 at the time of 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 110.

MINIMUM RESIDENCE. A minimum of six semesters of residence or the equivalent in an approved college is normally 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 first minor.

GRADUATION WITH HONORS. The requirements for graduation with honors are stated on page 60.

CORRESPONDENCE AND EXTENSION CREDIT. Record of all correspondence and extension work transferred from another institution must be filed with the Dean and Registrar prior to enrollment in the final semester before graduation. (See page 62 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.

APPLICATION FOR GRADUATION. By the end of his junior year a candidate for graduation must file an application for candidacy for a degree. A student is not permitted to register as a senior until he has filed this application. A transfer student who enters as a senior must file the application before completing enrollment. Application forms may be obtained at the office of the Registrar; and completed applications must be returned to the Registrar.

ATTENDANCE AT COMMENCEMENT EXERCISES. A candidate for graduation is expected to attend public commencement exercises. In extreme hardship cases a student may be excused, but only when his written request is approved by the faculty.

CURRICULAR REQUIREMENTS FOR GRADUATION

The completion of the required 128 semester hours usually requires four years of 32 semester hours each, including activity courses in Physical Education. The freshman and sophomore years are spent in general or introductory work, comprising courses in widely diversified subjects. During the remaining two years, the student may confine his work to comparatively narrow limits. The work for the entire four year program consists of (1) General Education, (2) Major and Minor Subjects, (3) Elective Courses.

General Education

The General Education portion of the curriculum at Grand Canyon College is designed to unify the student's early college experience by forming a comprehensive and correlated foundation for a more meaningful life and for future academic pursuits. It seeks to help the student to develop an understanding and appreciation of the various areas of knowledge and creative endeavor which have contributed to the development of contemporary society and thus to enable him to achieve greater social stability and a more secure personal life.

General Education seeks to provide, during the first college years, the kinds of learning experiences which will enable each student to choose wisely and build carefully the specialized program of studies most appropriate for him. General Education is primarily concerned with developing an awareness of the significance of various areas of knowledge to the student, their relationship to other areas of human endeavor and achievement, and their influence and potential in today's world.

General Education at Grand Canyon College seeks 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.

I. SPIRITUAL FOUNDATIONS OF LIFE..... 9 hours

Purpose: To develop the ability to understand and appreciate the Bible in its historical setting and to apply its teachings to contemporary situations.

A. Old Testament History (Bible 113)

B. New Testament History (Bible 123)

C. Religion Elective (3 hours upper division Bible or Religion)

II. SOCIAL FOUNDATIONS OF LIFE..... 12 hours

Historical Foundations (9 hours)

Purpose: To develop the ability to live as a responsible citizen.

A. History of Civilization I (History 113)

B. History of Civilization II (History 123)

C. History of Civilization III (History 233)

Philosophical and Psychological Foundations (3 hours)

Purpose: To introduce the student to the philosophical and psychological dimensions of life.

Introduction to Philosophy (Philosophy 213) or

General Psychology (Psychology 213)

III. SCIENTIFIC FOUNDATIONS OF LIFE..... 11 hours

Purpose: To introduce the student to general areas of science and mathematics and to provide experience in the scientific method of thinking and problem solving.

A. Mathematics (Mathematics 113) (3 hours)

B. Choice of combination (a) or combination (b):
(8 hours)

(a) Life Science (Biology 134) and
Physics 214 or Chemistry 114

(b) Physical Science (Physics 134) and
Biology 114, 124, 214, or 224

Mathematics 113 is required of all students. In addition to the mathematics requirement, each student will study a life science and a physical science. One of these must be a broad, general course and the other must be a specific, laboratory course.

A student electing to take the general life science course (Biology 134) must take either Physics 214 or Chemistry 114 as the laboratory course.

A student electing to take the general course in physical science (Physics 134) must take, for his laboratory course, Biology 114, 124, 214, or 224.

IV. COMMUNICATIVE ARTS16 hours

Composition and Rhetoric (6 hours)

Purpose: To develop a command of the English Language, both written and spoken.

A. Grammar and Composition (English 113)

B. Composition and Literature (English 123)

English Literature and the Humanities (10 hours)

(English Literature, Art Appreciation, and Music Appreciation)

Purpose: To help students understand and appreciate how individuals in their search for personal identity have communicated human experiences and emotions by means of literature, art, and music.

A. Humanities I

B. Humanities II

V. PHYSICAL WELL-BEING7 hours

Purpose: To develop the ability to engage in leisure time activities and to pursue healthful habits of living.

A. Activity Physical Education (4 courses, 1 hour each)*

B. Principles of Health and Personal Hygiene

(Health Education 213)** or

School and Community Health (Health Education 333)**

VI. FOREIGN LANGUAGE14 hours***

(Required for B.A. Degree. Mathematics or Biology major must have German or French.)

*Credit in lieu of this may be allowed on the basis of active service with the Armed Forces. (See page 98.)

** Choice to be determined on basis of student's vocational objective. (See page 99.)

***One language only should be taken consecutively. (See page 70.)

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 and, except for courses in General Education (pp. 71-73), he is not permitted to count in his major any course in which he makes a grade below "C." A candidate for a secondary teaching certificate must have a "C+" (2.50 average, or above, in his teaching major).

The student must also choose two minors in subject areas other than his major. His first minor must consist of not fewer than 18 semester hours. Of

these, six hours must be from courses of junior-senior rank. His second minor must consist of not fewer than 12 semester hours.

Transfer students should consult the paragraph concerning minimum residence (page 70).

Elective Courses

A student may elect to take courses from the regular college curriculum offered in each department in addition to the courses which may be required in that particular area. A regular student is not allowed to take more than 42 semester hours for credit in any one subject area without special permission.

READING AND CONFERENCE COURSES

Course numbers 491, 492, and 493 have been reserved for reading and conference courses which instructional departments of the college wish to approve. These courses may be taken only by upper division students who have completed at least one semester in residence. To be eligible, a student must have a cumulative scholarship index of at least 3.00 in his major or field of specialization. Normally, a student may register for reading and conference courses only in his major field.

Applications must be made well in advance of regular registration. The application must include a letter requesting permission to take the course, a brief description of the content of the course, the readings to be accomplished, and the evaluative procedures to be followed. The application must be approved by the adviser, by the instructor under whom the student is to work, by the chairman of the department, and by the head of the division in which the course is taken. Final approval is to be made by the Dean. Normal fees apply to these courses.

HONORS STUDY PROGRAM

A junior or senior who has completed all of the General Education requirements, has been a full-time student at Grand Canyon College for the preceding two semesters, and has a total cumulative grade point average of 3.50 or above may, upon recommendation of his major professor, apply to the Dean for permission to enter the special honors study program. The student's major professor then works with the curriculum committee to design this program. Mr. Roger Schmidt serves as Director of the Honors Program.

SPECIFIC ACADEMIC PROGRAMS IN RELATION TO DEGREES

It is assumed that in many instances the student will not decide until the beginning of his junior year what his major and first minor will be. The suggestion that the first and second years be devoted almost exclusively to general requirements is intended to encourage the student to study in the widest possible variety of fields, in order that he may determine wherein his greatest interest lies. Each of the following programs is a guide or check sheet for the student. Every specific course listed is a required course.

Suggested Program for Bachelor of Arts Degree Candidates

For majors in Behavioral Sciences, English, History, Music, Religion, or Social Studies.

Freshman Year			Sophomore Year		
	Fall	Spring		Fall	Spring
Bible 113, 123	3	3	Foreign Language	4*	4*
English 113, 123	3	3	Humanities I, II	5	5
History 113, 123	3	3	History 233	3	
Life Science	4		Physical Sciences		4
Mathematics 113		3	Philosophy 213 or		
Activity P.E.	1	1	Psychology 213	3	
Electives	2*	3*	Activity P.E.	1	1
	16	16	Electives		2
				16	16
Junior Year			Senior Year		
	Fall	Spring		Fall	Spring
Foreign Language	3*	3*	Religion (upper division)	3	
Health Education		3	Major, Minor, or		
Major, Minor, or			Electives	13	16
Electives	13	10		16	16
	16	16			

*A student continuing a foreign language from high school may begin his foreign language during his freshman year.

One language only, should be taken consecutively. (See page 70.)

For a Music major with Voice concentration, the language requirement must be met by taking French or German.

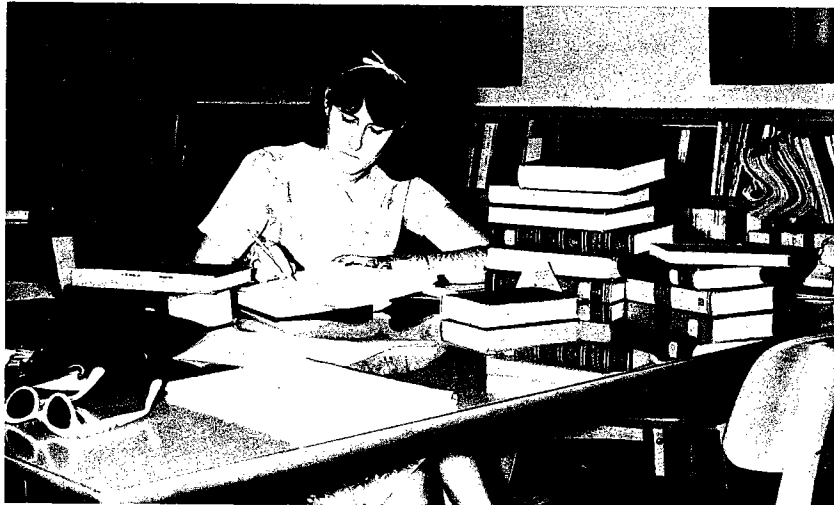
Suggested Program for Bachelor of Science Degree Candidates

For majors in Biology*, Business, Elementary Education, Mathematics*, Music Education, or Physical Education.

Freshman Year			Sophomore Year		
	Fall	Spring		Fall	Spring
Bible 113, 123	3	3	Philosophy 213 or		
English 113, 123	3	3	Psychology 213	3	
History 113, 123	3	3	Humanities I, II	5	5
Life Science		4	History 233	3	
Mathematics 113	3		Physical Sciences	4	
Activity P.E.	1	1	Activity P.E.	1	1
Electives	3	2	Major, Minor, or		
	—	—	Electives	3	7
	16	16		—	—
				16	16

Junior Year			Senior Year		
	Fall	Spring		Fall	Spring
Religion (upper division)		3	Major, Minor, or		
Health Education	3		Electives	16	16
Major, Minor, or					
Electives	13	13			
	—	—			
	16	16			

*Persons majoring in Biology or Mathematics must include 14 hours of German or French.



VII. Divisions of Instruction and Descriptions of Courses

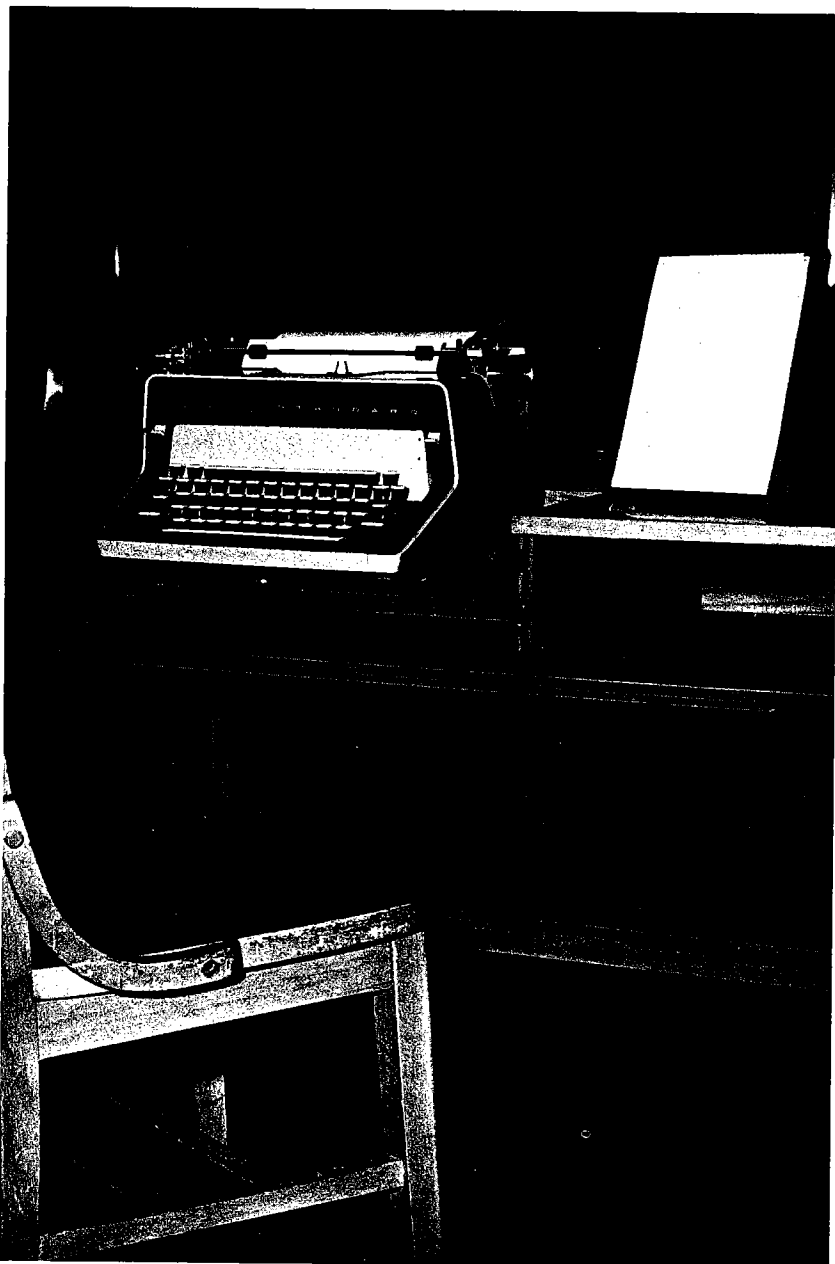
Division of Applied Arts and Sciences

Division of Education and Psychology

Division of Humanities

Division of Natural Science and Mathematics

Division of Religion and Social Studies



Division of

APPLIED ARTS
AND SCIENCES

Department of Business and Economics

Business

Economics

Special Secretarial Program

DIVISION OF APPLIED ARTS AND SCIENCES

The courses in the Division of Applied Arts and Sciences are aimed toward implementing the broader liberal arts objectives of the College, with the specific purpose of preparing students to fill places of responsibility in business education and in the economic community as well as in other areas of the applied arts and sciences.

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)

Business 133	3 hours
Economics 213 and 223	6 hours
Business 143	3 hours
Business 214 and 224	8 hours
Business 353 and 363	6 hours
Business 343	3 hours
Electives in Business and Economics (3 hours upper division)	6 hours

(All persons majoring in Business are required to demonstrate the ability to use the typewriter effectively before a degree is granted. Students must have proficiency equivalent to 5 semester hours of college 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

Business 143	3 hours
Business 214	4 hours
Business 353	3 hours
Economics 213	3 hours
Electives in Business (3 hours upper division)	5 hours

Requirements for a minor in Economics*

Economics 213 and 223	6 hours
Electives in Economics (6 hours upper division)	12 hours

*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.

Requirements for a minor in Office Administration*

Business 122 and 212	4 hours
Business 163 and 223	6 hours
Business 143 or 243	3 hours
Business 313 and 383	6 hours

*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.

BUSINESS

Business 113. BASIC TYPEWRITING. For students who cannot type 30 words per minute or students just beginning typewriting. Covers a general knowledge of the care and operation of the typewriter, mastery of keyboard, and simple copying. 3 hours of class weekly, 2 hours of laboratory.

Every fall—3 hours

Business 122. INTERMEDIATE TYPEWRITING. Open to persons who have acquired a speed of at least 30 words per minute. Provides practice in letter writing, tabulation, business forms, and rough drafts, with special emphasis on speed. 3 hours of class weekly.

Every spring—2 hours

Business 212. ADVANCED TYPEWRITING. Attention is given to the building of speed as it applies to office production techniques, including transcription, reports, tabulation forms, and duplicating processes. 3 hours of class weekly. Prerequisite: Business 122.

Every fall—2 hours

Business 133. INTRODUCTION TO BUSINESS. A study of the function, organization, and services of business, including such specific problems as location, finance, personnel, and marketing.

Every fall—3 hours

Business 143. BUSINESS MATHEMATICS. A basic course in the principles of mathematics as related to business, including such fundamental mathematical operations as interest and discount, annuities, depreciation, ratio and proportion, and the use of graphs with mathematical computations.

Every spring—3 hours

Business 153. BEGINNING SHORTHAND. Aims at mastering the principles of Gregg Shorthand, with drills in the correct formation of word outlines and phrase forms, the study of brief forms, and daily reading from shorthand plates. 3 hours of class weekly, 2 hours of laboratory.

Fall, 1967, and alternate years—3 hours

Business 163. INTERMEDIATE SHORTHAND. A continuation of Business 153. Additional study in phrasing and practice in reading shorthand and taking dictation. Aimed at the attainment of a dictation speed of 80 words per minute. 3 hours of class weekly, 2 hours of laboratory. Prerequisite: Business 153 or approval based on proficiency.

Spring, 1968, and alternate years—3 hours

Business 223. DICTATION AND TRANSCRIPTION. Speed dictation and transcription with emphasis on accuracy and good form in preparing letters. 3 hours of class weekly. Prerequisite: Business 163.

Every fall—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 224. 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—4 hours

Business 243. BUSINESS MACHINES. Designed to give the student instruction in the use of modern business machines, including the ten-key and full-key adding machines, printing calculator, rotary calculator, and comptometer, along with other modern office machines.

Every semester—3 hours

Business 313. OFFICE PRACTICES. A practical course in the techniques of office methods, secretarial duties and procedures, filing, organization and arrangement of the office, and office equipment and supplies. Prerequisite: Business 122 or equivalent.

Spring, 1968, and alternate years—3 hours

Business 343. BUSINESS STATISTICS. A study of elementary theories of probability, distribution, and testing of statistical hypotheses. Practical experience is provided in the application of statistical methods. Prerequisite: Mathematics 113 or 133.

Every fall—3 hours

Business 353. BUSINESS LAW I. A study of laws of persons, tort, contract, agency, private property, sales, negotiable instruments, and insurance. Prerequisite: Economics 213.

Fall, 1967, and alternate years—3 hours

Business 363. BUSINESS LAW II. A continuation of Business 353. Gives attention to laws related to the forms of modern business: individual pro-

prietorships, partnerships, and corporations. Prerequisite: Business 353.
Spring, 1968, and alternate years — 3 hours

Business 373. PRINCIPLES OF MANAGEMENT. An introduction to scientific organization and management as it applies to American business and industry. A survey of the major problems facing management at all levels, especially as applied to internal organization problems, production costs, and personnel policies. Prerequisite: Junior standing or consent of instructor.
Fall, 1968, and alternate years — 3 hours

Business 383. BUSINESS COMMUNICATIONS. Practice in the writing of effective business letters and reports. Includes the mechanics and format of business correspondence and the organizing and writing of business reports. Prerequisite: Ability to use the typewriter.
Spring, 1969, and alternate years — 3 hours

Business 393. PRINCIPLES OF MARKETING. An examination of present marketing structure, commodities, advertising, institutions, and social and economic trends. Prerequisite: Economics 213.
Fall, 1967, and alternate years — 3 hours

Business 413. THE TEACHING OF BUSINESS. A study of methods of instruction, organization, and presentation of appropriate content in type-writing, shorthand, bookkeeping, business machines, and basic business courses.
Summer, 1969, 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 233. ECONOMIC GEOGRAPHY. A study of the products of

agriculture, commerce, and industry, and the conditions which affect their production, exchange, and consumption.

Summer, 1968, and alternate years — 3 hours

Economics 243. CONSUMER ECONOMICS. 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, laws which affect consumers, household budgeting, investments, insurance, and taxes. *Fall, 1968, 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, 1968 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.
Summer, 1968, and alternate years — 3 hours

Economics 453. COMPARATIVE ECONOMIC SYSTEMS. A study of the forms of economic organization: the economic policy and obligations of capitalism, socialism, communism, and fascism. An analytical comparison of capitalism and the other economic systems. Prerequisite: Economics 213.
Spring, 1968, and alternate years — 3 hours

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 outlined below and meet departmental standards receive a certificate of proficiency. A student may complete the 65 hour program in less than two years by enrolling in summer sessions.

A student with previous instruction in typewriting and shorthand may be required to enter advanced courses. Alternate courses may be included to meet the student's needs.

A student who desires later to complete a degree program may count the the courses earned in the special secretarial program as regular credit toward the degree, but must complete all requirements outlined in the degree curriculum.

First Year

Semester Hours

Fall	Spring
English 113 and 123 (First Year English)	3
Bible 113 and 123 (Old and New Testament History)	3
Physical Education (Activity Course)	1
Business 113 and 122 (Typewriting).....	3
Business 153 and 163 (Shorthand)	3
Business 133 (Introduction to Business)	3
Business 143 (Business Mathematics)	3
Business 243 (Business Machines)	3
<hr/>	<hr/>
16	17

Second Year

Semester Hours

Fall	Spring
Speech	3
Physical Education (Activity Course)	1
Business 214 and 224 (Principles of Accounting)	4
Business 212 (Advanced Typewriting)	2
Economics	3
Psychology 213 (General Psychology)	3
Business 223 (Dictation and Transcription)	3
Business 313 (Office Practices)	3
Business 383 (Business Communications)	3
Elective	3
<hr/>	<hr/>
16	16

Division of

EDUCATION AND

PSYCHOLOGY

Department of Education and Psychology

Department of Health and Physical Education

Teacher Training Curricula

Apprentice Teaching

Education

Elementary Education

Secondary Education

Psychology

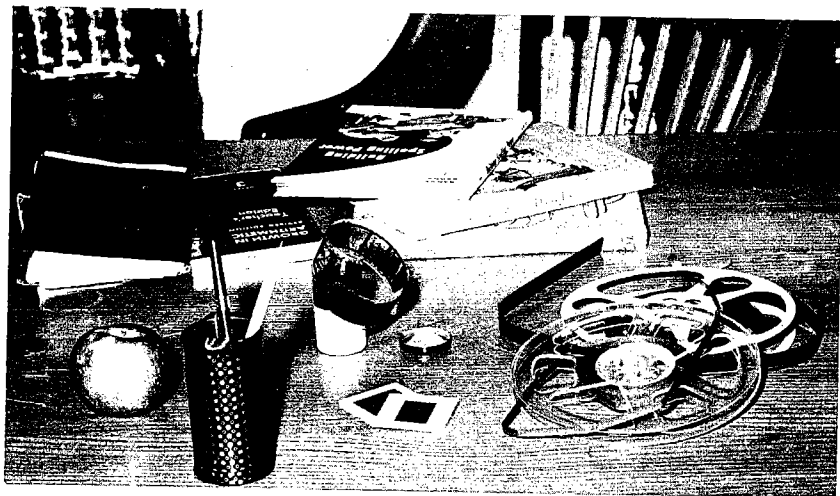
Health Education

Physical Education



DIVISION OF EDUCATION AND PSYCHOLOGY

The Division of Education and Psychology is oriented toward the general purpose of Grand Canyon College. It contributes toward the realization of a liberal background through its non-professional courses in psychology, health, and physical education. It seeks to acquaint the student with principles and practices of education, health, and physical development. It provides professional training and supervised experience in education and physical education.



DEPARTMENT OF EDUCATION AND PSYCHOLOGY

While the Department of Education and Psychology functions primarily to prepare persons to be public school teachers, the courses are regular college courses and students majoring in other areas may be allowed to take certain courses in this department.

TEACHER TRAINING CURRICULA

The courses in education and psychology are planned primarily to provide curricula for certification of elementary teachers and of high school teachers.

In order to become a candidate for teacher training, a student must have completed at least 58 semester hours of college work with an average grade of "C" on all work taken. A student who has completed 75 hours before attaining a "C" average is advised to earn a degree before he applies for admission to the teacher training program.

To qualify for apprentice teaching, a student must have passed the English Usage Examination (see page 69.)

The teacher training program has been extended to include a fifth year of preparation to meet current Arizona teacher certification requirements. Students with a "C" (2.00) average or above in all subjects may participate in the fifth year program of teacher preparation at Grand Canyon College. A "C+" (2.50) average in the teaching major is required for students desiring to enter the fifth year program for high school teachers.

The teacher training program of Grand Canyon College is approved by the Department of Public Instruction of Arizona.

Elementary or Secondary, Temporary Certificate

A person with a bachelor's degree may normally qualify for a temporary certificate for teaching in the elementary or secondary schools of Arizona by earning 30 semester hours of credit toward professional preparation, apprentice teaching. Any portion of this professional preparation, including a study of psychology, curriculum, methods of teaching, and apprentice teaching, may be included in the work leading toward the bachelor's degree. In order to be granted a standard certificate such a person must complete, within five years, the requirements for standard certification. Renewal of a temporary certificate is not permitted.

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 earned a bachelor's degree may normally qualify for a standard secondary certificate in a manner similar to that described for the standard elementary certificate except that the secondary certificate requires 30 hours of credit in one's major teaching field and 18 hours in a minor subject area. Any portion of this professional preparation and of the major or minor subject area may have been included in the work already completed toward his bachelor's degree. In addition, he must have a "C+" average in his teaching major.

Courses for Elementary Certificate (Grades 1-9)

Requirements of Grand Canyon College for a major in Elementary Education (B.S. degree)

Education 112	2 hours
Education 313	3 hours
Education 321	1 hour
Education 413	3 hours
Education 422	2 hours
Elementary Education 328	8 hours
Elementary Education 343	3 hours
Elementary Education 353	3 hours
Elementary Education 333	3 hours
Psychology 382*	2 hours
	<hr/>
	30

Additional requirements for *Arizona* certification:

Health Education 333	3 hours
Government 353	3 hours
Government 363	3 hours
	<hr/>
	39

*Psychology 213 is prerequisite to this course.

Courses for Secondary Certificate (Grades 7-12)

Requirements of Grand Canyon College:

Education 112	2 hours
Education 313	3 hours
Education 321	1 hour
Education 413	3 hours
Education 422	2 hours
High School Education 323	3 hours
High School Education 328	8 hours
High School Education 443	3 hours
Psychology 382*	2 hours
	<hr/>
	27

Additional requirements for *Arizona* certification:

Health Education 333	3 hours
Government 353	3 hours
Government 363	3 hours
	<hr/>
	36

*Psychology 213 is prerequisite to this course.



APPRENTICE TEACHING

Grand Canyon College provides apprentice teaching experience for its students through an arrangement made with more than 50 schools throughout the state, as listed below:

Public Schools

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

Private Schools

Phoenix Christian High School

U. S. Government Schools

Phoenix Indian School

The supervision of each apprentice teacher is performed by the school to which he is assigned. The evaluation of the apprentice teacher's work is a dual responsibility, borne by the College and by the school in which the apprenticeship is served.

EDUCATION

Education 110. DEVELOPMENTAL READING. Emphasis is placed on the mechanics of reading, involving eye-span, reading rate, comprehension, vocabulary, and critical reading. The course is designed to help students improve their reading study skills through diagnosis of individual need and teaching of specific skills. *Every fall — No credit*

Education 112. INTRODUCTION TO EDUCATION. Designed to give the student a view of the whole field of education, with emphasis upon its opportunities and requirements as a profession. *Every semester — 2 hours*

Education 313. EDUCATIONAL PSYCHOLOGY. 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*

Education 321. ORIENTATION TO APPRENTICE TEACHING. Designed for students who are enrolled in apprentice teaching, to help prepare such students for experiences which await them as apprentice teachers. Administrators 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 and every summer — 1 hour*

Education 363. 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 spring — 3 hours*

Education 413. 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: Education 112 and Elementary Education 343 and 353. For Secondary Education: Education 112 and High School Education 323 and 443.

Every semester and every summer — 3 hours

Education 422. HISTORY OF EDUCATION. A survey course in the general development of education from ancient times to the present. Designed to be more extensive than intensive, and to give students majoring in the field of education a comprehensive and unified view of the history of education. Prerequisite: Education 112.

Every semester—2 hours

ELEMENTARY EDUCATION

Elementary Education 328. APPRENTICE 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 112, Elementary Education 343 and 353. Credit only. No grade is given.

Every semester and every summer—8 hours

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 333. THE TEACHING OF READING IN ELEMENTARY SCHOOLS. This course presents the relationships of oral, aural, and visual factors in the teaching of reading. It is designed primarily for classroom teachers in terms of understanding techniques and procedures for dealing with the individual child. Instruction includes word recognition and comprehension, with various approaches to the teaching of reading in the elementary school emphasized. Prerequisite: Elementary Education 343.

Every semester and every summer—3 hours

Elementary Education 343. ELEMENTARY SCHOOL CURRICULUM AND TECHNIQUES (Language Arts). A study of methods and materials for instruction in reading language, composition, spelling, and writing in all the elementary grades. Prerequisite: Education 112.

Every semester and every summer—3 hours

Elementary Education 353. ELEMENTARY SCHOOL CURRICULUM AND TECHNIQUES (Social Studies, Science, and Arithmetic). Designed to acquaint the elementary teacher with curriculum construction, literature, and effective techniques for the teaching of arithmetic, social studies, and natural sciences and with the recent research in these fields. Prerequisite: Education 112.

Every semester and every summer—3 hours

Elementary Education 362. CONSTRUCTION OF TEACHING AIDS. Designed to offer experience in the use of different kinds of inexpensive materials and media in the construction of games, puppets, dioramas, collages, mobiles, papier-mache, and other teaching aids.

Spring, 1969, and alternate years—2 hours

Elementary Education 373. CHILDREN'S LITERATURE AND STORY TELLING. All types of children's literature from outstanding authors are surveyed through synopses and actual reading of children's books to acquaint the student with the best stories and poems for use with children. Methods of using this type of literature and the techniques of story telling are also studies. Prerequisites: Humanities I and II.

Every fall—3 hours

Elementary Education 403. MODERN MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH SCHOOL. (Same as Mathematics 403.) Designed to provide an understanding of "Modern Mathematics" for teachers in the middle and upper elementary grades and junior high school. The new approaches are explained and problems solved. The following are included: systems of numeration, symbols, properties, factoring and prime numbers, modular arithmetic, logic and number sentences, etc. Prerequisite: Mathematics 113 or 123.

Every spring and every summer—3 hours

Elementary Education 412. ADVANCED INSTRUCTIONAL METHODS IN PHONICS. A workshop in the phonetic approach to a developmental reading program. The use of phonetic principles as tools to use in gaining independence in word attack is emphasized. Prerequisite: Elementary Education 343.

Every summer—2 hours

Elementary Education 423. MODERN MATHEMATICS FOR PRIMARY TEACHERS. Designed especially for the teachers of grade one, two, or three. A study of the concepts, principles, and methods of modern mathematics for the primary grades.

Every fall 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 112.

Every semester and every summer—3 hours

High School Education 328. APPRENTICE 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 112 and High School Education 323 and 443. Credit only. No grade is given. *Every semester and every summer — 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 112.

Every semester and every summer — 3 hours

PSYCHOLOGY

Students may major in Behavioral Sciences or minor in Psychology.

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

Psychology 213	3 hours
Sociology 213	3 hours
Sociology 233	3 hours
Philosophy 213	3 hours
Electives in Psychology (May include selected courses in Sociology) (12 hours upper division)	18 hours

Requirements for a minor in Psychology

Psychology 213	3 hours
Psychology 223	3 hours
Philosophy 213	3 hours
Electives in Psychology (May include Education 313 and 413) (6 hours upper division)	10 hours

Psychology 213. GENERAL PSYCHOLOGY. A foundation course in the science of behavior. Includes a study of the origin and development of behavior patterns, motivation, emotional behavior, sensory functions, perception, intelligent behavior, and adjustment. Simple experiments constitute a basic part of the course. *Every semester and every summer — 3 hours*

Psychology 223. HISTORY AND SYSTEMS OF PSYCHOLOGY. A study of the origins, developments, influences, changes, and current systems of thought and experimentation in psychology. Normally taken by sophomores or juniors but may be taken by permission during the second semester of the freshman year by students who have made at least a "B" in Psychology 213 during the first semester of their freshman year. Prerequisite: Psychology 213. *Spring, 1969, and alternate years — 3 hours*

Psychology 253. PERSONALITY DEVELOPMENT. An analysis of personality and its development at different age levels in the personal life of the individual. Attention is further given to the application of theoretical concepts in beneficial interpersonal relationships for the student.

Every fall — 3 hours

Psychology 303. SOCIAL PSYCHOLOGY. (Same as Sociology 303.) A psychological study of the individual in the social situation. Attention is given to the development of attitudes, group thinking, sources of conflict, effects of competition and cooperation, analysis and evaluation of propaganda techniques, and other forces which affect individuals in groups. Prerequisite: Psychology 213 or Sociology 213.

Spring, 1968, and alternate years — 3 hours

Psychology 333. PSYCHOLOGY OF RELIGION. (Same as Religion 333) A study of the psychology of religious experience, with special attention given to conversion, integration of personality, moral guilt, behavior, worship, prayer, and healing. Prerequisite: Psychology 213.

Spring, 1969, 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. *Summer, 1969, and alternate summers — 3 hours*

Psychology 363. INTRODUCTION TO PROBABILITY AND STATISTICS. (Same as Mathematics 363.) A study of elementary theories of probability, distribution, and testing of statistical hypotheses; practical experience is provided in the application of statistical methods. Prerequisite: Mathematics 113 or 123. *Every fall — 3 hours*

Psychology 382. CHILD AND ADOLESCENT 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. An examination of the meaning and significance of adolescence; physical, mental, moral, and religious development; adolescent impulses, interests, and social tendencies; the hygiene of adolescence; and the guidance and control of adolescent behavior. Prerequisite: Psychology 213. *Every semester — 2 hours*

Psychology 433. ABNORMAL PSYCHOLOGY. Designed to help the student to understand mental illness and to prevent mental illness by a better awareness of the emotional, functional, and physiological factors influencing mental health. While students minoring in psychology may be permitted to take the course, it is assumed that this course is essential for all persons majoring in behavioral sciences. Prerequisite: Psychology 213.

Spring, 1969, and alternate years — 3 hours

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The purpose of required physical education is to maintain the physical vitality of students and to develop interests and activities that will continue beyond school. The work includes conditioning exercises, individual activities, adult sports, etc.

Courses are provided to achieve the following aims: (1) to offer a varied program of physical activity which will contribute to the well-being of the students; (2) to provide the courses required of candidates for teacher certification in Arizona; and (3) to train men and women as physical education teachers and coaches.

Upon written recommendation of a medical doctor and approval of the Dean and the Department of Physical Education, a three-hour course in physical education or health education may be substituted for the entire requirement in physical education activity courses. Normally, one of the following courses suffices: Physical Education 213, 323, or 413 or Health Education 213.

Veterans of the armed services may receive up to four hours credit for physical education activity courses on the basis of military service. In general, one hour's credit for each 90 days of active service is allowed. This credit is not granted automatically to veterans. In order to establish the

credit, the student must comply with instructions given by the Registrar's Office.

A student who has received credit in activity physical education for military training is not allowed to receive credit for Physical Education 101, 111, 131, 201, 231, or 241 unless he is working toward a major or minor in Physical Education.

Veterans may also receive credit, on the basis of military service, for the health education course required for graduation. This credit is determined, on request of the student, by evaluation in the Dean's office, of service or USAFI records in the same way that any transcript would be evaluated.

Requirements for a major in Physical Education (B.S. degree)

Physical Education 101, 111, 131,	}	Any 4 hours
Physical Education 201, 231, 241		
Physical Education 243		3 hours
Physical Education 273		3 hours
Physical Education 313		3 hours
Physical Education 413 or 323		3 hours
Physical Education 423		3 hours
Health Education 212		2 hours
Health Education 333		3 hours
Biology 353		3 hours
Electives in Physical Education or Health Education		6 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 273		3 hours
Physical Education 323 or 413		3 hours
Physical Education 423		3 hours
Health Education 212		2 hours
Health Education 333		3 hours

HEALTH EDUCATION

Health Education 212. FIRST AID. Designed to develop the ability to administer emergency treatment for fractures, dislocations, wounds, hemorrhages, poisoning, and drowning, including the use of bandaging, artificial respiration, etc. *Every fall and every summer — 2 hours*

Health Education 213. **HYGIENE.** A study of desirable personal health habits, with emphasis on the importance of such habits in acquiring a better understanding of one's place in our modern society.

Fall, 1967, and alternate years — 3 hours

Health Education 333. **SCHOOL AND COMMUNITY HEALTH.** A practical course in school and community health, dealing with the applications of the findings of science and medicine toward the improvement of daily living

Every semester and every summer — 3 hours

PHYSICAL EDUCATION

Courses taken to fulfill the Physical Education activity requirement for graduation should be taken during the freshman and sophomore years. There is no prerequisite and no particular order in which they need be taken. Separate classes for men and women are provided in the class schedule. Each class meets twice a week.

Physical Education 101. **SWIMMING.** Instruction and practice in the skills of swimming.

Every semester — 1 hour

Physical Education 111. **TENNIS.** Instruction and practice in the fundamentals of tennis.

Every semester — 1 hour

Physical Education 131. **TEAM SPORTS.** Instruction and practice in softball, basketball, and volleyball.

Every semester — 1 hour

Physical Education 201. **BOWLING.** Instruction and practice in the fundamentals of bowling.

Every semester — 1 hour

Physical Education 231. **ARCHERY.** Instruction and practice in the fundamentals of archery.

Every semester — 1 hour

Physical Education 241. **GOLF.** Instruction and practice in stance, grip, stroke, teeing of the ball, and use of different clubs.

Every semester — 1 hour

Physical Education 213. **RECREATIONAL ACTIVITIES.** Games and contests for home, school, and community leisure time.

Every fall — 3 hours

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 spring — 3 hours

Physical Education 273. **RECREATION ADMINISTRATION.** A study of playground activities and their administration.

Every fall — 3 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. Prerequisite: Physical Education 243 or consent of instructor.

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 spring and every summer — 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 423. **ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION.** Designed for majors in physical education. Deals with possible administrative problems in departments of physical education in all types of educational institutions. Prerequisites: Physical Education 243 and 413.

Every spring — 3 hours



Division of
HUMANITIES

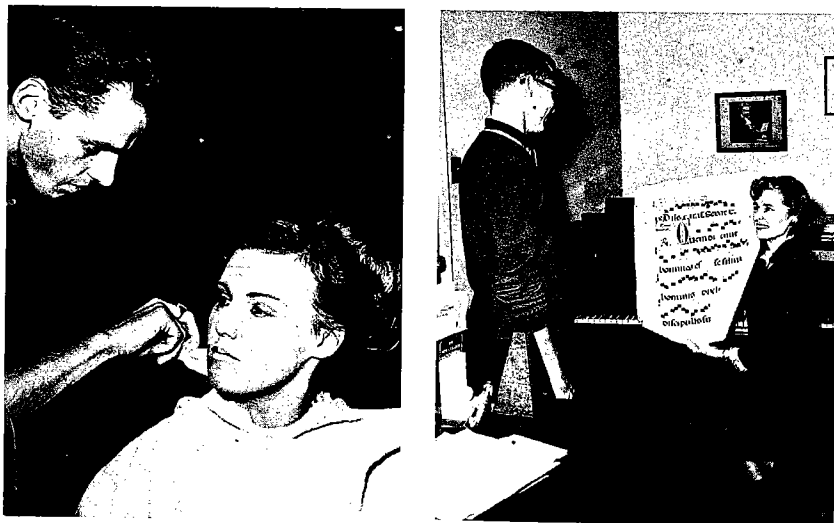
Art
Department of English and Speech
Department of Modern Languages
Department of Music

Art
English and the Humanities
Speech
Drama
French
German
Spanish
Choral Music
Instrumental Music
Music Department Requirements
Music History and Fundamentals
Music Education and Conducting
Organ
Piano
Voice

DIVISION 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, music, drama, speech, and writing.



ART

Requirements for a minor in Art

Art 203	3 semester hours
Art 253	3 semester hours
Art 313	3 semester hours
Art 333	3 semester hours
Electives in Art	6 semester hours

Art 112. INTRODUCTION TO ART. Designed to give the student a basic understanding of the nature and function of art. In order to help the student achieve a more intimate grasp of style and technique, he is given opportunity to learn by both lecture and studio experience. *Every spring — 2 hours*

Art 203. BEGINNING DRAWING AND PAINTING. An introduction to the elements of art in drawing and painting. Studio problems include work with still life and the model. Both linear and atmospheric perspective are investigated. *Every semester and every summer — 3 hours*

Art 211. ART APPRECIATION. (Included in Humanities I; see page 108.) Designed to introduce the student to the nature of the visual arts and their function in contemporary society and to stimulate an active appreciation through the study of great art of the past and present. *Every fall and every summer — 1 hour*

Art 221. ART APPRECIATION. (Included in Humanities II). A continuation of Art 211. *Every spring and every summer — 1 hour*

Art 253. INTRODUCTION TO SCULPTURE. A course introducing elementary principles involved in the use of additive and subtractive techniques in the sculpture of clay, wood, plaster, stone, etc. *Every fall — 3 hours*

Art 263. INTRODUCTION TO PRINTMAKING. Designed to give the student experience in various modern printmaking processes, including the relief process, such as in woodblock, and the stencil process, such as serigraph. *Every summer — 3 hours*

Art 303. ART FOR ELEMENTARY TEACHERS. Designed to help the student develop teaching procedures involving art through various creative activities in a variety of art media. Includes the planning of displays and class projects and the correlating of art with other subject matter areas. *Every fall and every summer — 3 hours*

Art 313. INTERMEDIATE PAINTING. A study of techniques in oil and casein. The course will include work with still life, landscape, and the figure. Prerequisite: Art 203. *Every semester and every summer—3 hours*

Art 333. ART HISTORY. A survey of painting, sculpture, and architecture from the 13th century A.D. to the present. *Every spring—3 hours*

Art 413. ADVANCED PAINTING. An advanced course in painting in oils. Both studio and outdoor problems are investigated. Includes portraiture, still life, and landscape projects. Prerequisite: Art 313 or equivalent. *Every semester and every summer—3 hours*

DEPARTMENT OF ENGLISH AND SPEECH

The Department of English and Speech aligns its objectives with the tradition which believes in the harmony of Christian faith and reason. On the premise that a wholesome spiritual development is inconsistent with the cultivation of "blind spots," the Department believes that a thinking Christian should read widely and should write in such manner as to indicate that he comprehends the background of his culture.

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 he may assume a position of intelligent leadership in the American community. The second objective is the development of the habit of reading good literature with appreciation and enjoyment so that the student may have the power of thought which comes from a knowledge of the riches accumulated in the literature associated with his own language. The third objective, for the major in English, is a more specific study of skills, habits, and knowledge involved in the first two objectives and the pursuit of these studies to the point of at least a beginning mastery. The student who has majored in English should be equipped to write effectively and imaginatively and should have a knowledge of the authors whose works illustrate the development of English and American language and literature.

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

English 113 and 123; Humanities I and II	16 hours
English 313, 323, 333, 353, 363, 423, 433, 453	9 hours
Other English electives which may include 3 hours of Speech or Drama (3 hours upper division)	9 hours

Requirements for a major in English (with emphasis upon writing and the teaching of writing) (B.A. degree)

English 113 and 123; Humanities I and II	16 hours
English 343, 363, 473, 483	9 hours
Literature electives (3 hours upper division)	9 hours

Requirements for a minor in English

English 113 and 123; Humanities I and II	16 hours
Upper division courses in English	6 hours

Requirements for a minor in Speech

Speech 113 and 123	3-6 hours*
Speech 323 and 353	6 hours
Speech 223; Drama 213, 223, 233	6-9 hours*

*Depending upon previous experience

ENGLISH

English 110. REMEDIAL ENGLISH. Designed for students who have deficiencies in grammar, punctuation, and spelling. Grammar is emphasized. Short themes may be required. *Every fall—No credit*

English 113. GRAMMAR AND COMPOSITION. Designed to train students in writing and speaking clearly and effectively. The work involves a study of exposition, argumentation, essays, and vocabulary and includes weekly themes. One term paper is required.

Every semester and every summer—3 hours

English 123. COMPOSITION AND LITERATURE. A continuation of English 113. Includes the study of description and narration. The short story and the novel are examined. One complete novel and many short stories are read. Themes and special reports are required. Prerequisite: English 113.

Every semester and every summer — 3 hours

English 213. ENGLISH LITERATURE. (Must be taken concurrently with Art 211 and Music 251 to form Humanities I.) The humanities courses correlate the appreciation of art and music with a survey course in English literature enriched by an examination of its European and classical backgrounds. The philosophical, aesthetic, and historical trends in the literature, art, and music of each period are considered. Covers the period extending from earliest times through the 18th century A.D. Prerequisites: English 113 and 123.

Every fall and every summer — 3 hours

English 223. ENGLISH LITERATURE. (Must be taken concurrently with Art 221 and Music 261 to form Humanities II.) A continuation of English 213. Covers the period from romanticism through the modern era. Outside reading and reports are required. Prerequisites: English 113 and 123.

Every spring and every summer — 3 hours

English 303. CLASSICAL BACKGROUND IN ENGLISH LITERATURE. A study of English translations of works by Greek and Roman authors. A dictionary of mythology is included to familiarize the student with the most famous of the classical myths. Prerequisites: English 113 and 123 and permission of the department.

Fall, 1967, and alternate years — 3 hours

English 313. AMERICAN LITERATURE. A study of the background and national development of American literature. Emphasis is placed on the outstanding authors of each period and on their representative works. The colonial age and the period of the Republic through Poe and Longfellow are studied. Papers and reports are required. Prerequisites: English 113 and 123.

Summer and fall, 1967, and alternate years — 3 hours

English 323. AMERICAN LITERATURE. In this course the emphasis is placed on Whitman and Emily Dickinson, and on the novel, the short story, and the essay through the 19th century. Prerequisites: English 113 and 123 and junior standing.

Spring and summer, 1968, and alternate years — 3 hours

English 333. THE SHORT STORY. A study of the short story as it pertains to its development, the different types, the analysis of technique, the reading of many short stories, and experience in writing. Prerequisites: English 113 and 123 and junior standing.

Fall, 1968, and alternate years — 3 hours

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, 1969, 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: Humanities I and II.

Fall, 1968, 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 and summer, 1969, 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: Humanities I and II.

Spring, 1968, 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: Humanities I and II.

Fall, 1967, 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: Humanities I and II.

Spring, 1969, 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: Humanities I and II.

Fall, 1968, 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: Humanities I and II.

Spring, 1969, and alternate years — 3 hours

English 453. MILTON. A study of Milton's prose work and his short poems. Special attention will be given to *Paradise Lost*. Influences and trends of the 17th century are emphasized. Term papers are required. Prerequisites: Humanities I and II. *Fall, 1968, and alternate years — 3 hours*

English 463. POETRY OF THE VICTORIAN PERIOD. A comparative study of the significant poets and poetry of the Victorian period. Through reports, discussions, and special projects an attempt is made to interpret the temper and spirit of the age as well as the individuality and special merit of each author. Prerequisites: Humanities I and II. *Spring, 1968, and alternate years — 3 hours*

English 473. THE TEACHING OF ENGLISH. A methods course designed primarily for persons who are planning to teach English at the secondary level. Attention is given to content, but especially to the organization of material for effective presentation. Prerequisites: English 113 and 123 and junior standing. *Every summer — 3 hours*

English 483. SEMINAR IN WRITING. A course planned for students who have shown exceptional ability in writing and who are capable of doing independent research and composition. Prerequisites: English 113 and 123 and junior standing, and permission of the department. *Spring, 1968, and alternate years — 3 hours*

SPEECH

The Department of English and Speech suggests that a first minor in speech would be desirable for a student planning a career in the ministry, religious education, secondary education, law, or social work.

Speech 113. FUNDAMENTALS OF SPEECH. A basic course which emphasizes voice and diction, phonetics, and basic speech principles. It is normally prerequisite to all other courses in speech, drama, and radio. *Every semester — 3 hours*

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 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, 1968, 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, 1968, and alternate years — 3 hours*

Speech 333. RADIO BROADCASTING. (Same as Drama 333.) An introduction to the psychology and techniques of radio programming and administration, with particular emphasis on scripting and producing 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, 1969, and alternate years — 3 hours*

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, 1969, and alternate years — 3 hours*

DRAMA

Drama 112. 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, athlete, and other persons involved in public performance. One hour per week in lecture; two hours per week in studio work and in participation in productions. Prerequisite: Speech 113 or equivalent. *Spring, 1968, and alternate years — 2 hours*

Drama 122. ACTING II. The art of acting through the media of dialogue, action, and analysis. Designed to lead to the psychological and physical presentation of character and to the understanding of the actor's relationship to the structure and form of the drama. One hour per week in lecture; two hours per week in studio work and in participation in performances. Prerequisite: Speech 113, Speech 123, or Drama 112. *Fall, 1968, and alternate years — 2 hours*

Drama 213. INTRODUCTION TO DRAMA. Presents the historical background and the various types of drama. Actual dramatic experience is provided. Prerequisite: Speech 113. *Spring, 1969, and alternate years — 3 hours*

Drama 223. PRODUCTION AND PERFORMANCE. A study of techniques and styles of acting and of effective organizational procedure and management of plays. Attention will be given to character portrayal and play production. Laboratory work includes the presentation of a play.
Every fall — 3 hours

Drama 233. STAGECRAFT. Designed to provide for instruction and practice in set construction, lighting, makeup, costuming, use of properties, and other specific backstage duties in play production. *Every spring — 3 hours*

Drama 333. RADIO BROADCASTING. (Same as Speech 333.) An introduction to the psychology and techniques of radio programming and administration, with particular emphasis on scripting and producing 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, 1969, and alternate years — 3 hours

DEPARTMENT OF MODERN LANGUAGES

It is the purpose of the Department of Modern Languages to enlarge 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.

Required 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 head of the department determines in which course students should begin their college language.

Fourteen hours of one language (or equivalent) meets the language requirement for graduation.

Persons majoring in Mathematics or Biology are required to have 14 hours of German or French.

FRENCH

French 114. ELEMENTARY FRENCH. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading.
Every fall and every summer — 4 hours

French 124. ELEMENTARY FRENCH. A continuation of French 114. Prerequisite: French 114 or equivalent.
Every spring and every summer — 4 hours

French 213. INTERMEDIATE FRENCH. Review, composition, conversation, and graded reading. Prerequisite: French 124.
Fall, 1968, and alternate years — 3 hours

French 223. INTERMEDIATE FRENCH. A continuation of French 213.
Spring, 1969, and alternate years — 3 hours

GERMAN

German 114. ELEMENTARY GERMAN. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading.
Every fall and every summer — 4 hours

German 124. ELEMENTARY GERMAN. A continuation of German 114. Prerequisite: German 114 or equivalent.
Every spring and every summer — 4 hours

German 213. INTERMEDIATE GERMAN. Grammar reviews, conversation, composition, and the reading of suitable texts. Prerequisite: German 124.
Every fall — 3 hours

German 223. INTERMEDIATE GERMAN. A continuation of German 213.
Every spring — 3 hours

SPANISH

Spanish 114. ELEMENTARY SPANISH. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading.
Every fall — 4 hours

Spanish 124. ELEMENTARY SPANISH. A continuation of Spanish 114. Prerequisite: Spanish 114 or equivalent.
Every spring — 4 hours

Spanish 213. INTERMEDIATE SPANISH. Grammar review, conversation, composition, and the reading of suitable texts. Prerequisite: Spanish 124.
Every fall — 3 hours

Spanish 223. INTERMEDIATE SPANISH. A continuation of Spanish 213.
Every spring — 3 hours

DEPARTMENT OF MUSIC

Any student interested in music, even though not wishing to major in this department, may apply for permission to take voice, piano, organ, or other subjects offered.

One hour of credit is given for each semester of Choral Music or Instrumental Ensemble. A combined maximum of four hours may be counted toward a degree.

Choral Music

The Oratorio and Opera 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, 121, 211, or 221 are members of the Society.

The Choralaires is an organization whose members are chosen by audition from the Oratorio and Opera 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

The Band is made up of persons who are reasonably proficient in playing an instrument and who desire to receive experience in group performance of music written for band. Persons who enroll for Instrumental Music 101, 111, 201, or 211 are members of the group.

Student Recitals

All applied music students are expected to perform in at least two afternoon departmental recitals or studio workshops during each semester. Once or twice each semester an evening honor concert is given, made up of outstanding performers from the afternoon recitals.

A junior recital is required of each prospective graduate as prerequisite to senior work. Two or more persons combine their performance in presenting a junior recital.

A senior recital, individually rendered, is required of every degree candidate in applied music. It must be completed not later than two weeks before commencement. A senior is one who is following the prescribed senior course, having completed his senior prerequisites, and who gives evidence of being able to complete his course within the year. Application for senior recital must be made at the time of the last registration prior to graduation.

Recital Attendance Requirements

Music and Music Education majors and minors and applied music students are required to attend all music recitals. In rare instances, excused absences may be granted by the Chairman of the Music Department upon recommendation by the applied music instructor. Such absences may be made up by attending cultural programs in the city which meet with the approval of the instructor.

Concert Attendance Requirement

Music and Music Education majors and minors are required to attend at least two artist concerts each semester.

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 required to consult their applied music instructors before participating in any public performance.

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.

Piano Proficiency Examination

A proficiency examination is required of all Music and Music Education majors and minors except the organ and piano concentrations. The student is asked to play all major and minor scales, perform a sonatina movement, play a Bach two part invention, supply the harmony for a figured bass, supply simple accompaniment for a melody, play the National Anthem and "America" by memory, and sight read a simple piece.

Jury Examination

All Music and Music Education majors and minors are required to perform before a jury of music faculty members. The final grade is determined by the quality of performance and evidence of growth exhibited in this examination.

Transfer Placement

Credit in applied music theory, ear training, and sight singing which is transferred from another institution must be validated by an examination by the Grand Canyon College music faculty.

Apprentice Teaching

The following music requirements must be completed prior to admission to apprentice teaching in the music field:

1. Completion of the following tests:
 - a. Sight Singing Test
 - b. Conducting Test (either choral or instrumental)
 - c. Piano Proficiency Examination (for all except organ or piano concentrations)
 - d. Instrumental Proficiency Examinations (brass, woodwinds, strings, and percussion)
 - e. Vocal Proficiency Examination (for instrumental concentrations only)
2. Completion of the following laboratory requirements:
 - a. Four semesters of credit for choir, orchestra, or band.
 - b. For piano or organ concentrations, minimum of two semesters of laboratory in accompanying.
3. Music Literature Examination (or pass the requirements of Music 423)
4. Satisfactory recital attendance record.

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 four 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*	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	3 hours

3. Piano Concentration:

Private Piano	16 hours
Music 114, 124, 214, and 224	16 hours
Music 333 and 343	6 hours
Piano 331 and 341	2 hours
Electives in Music	2 hours

4. Theory Concentration:

Music 114, 124, 214, 224, 313, and 323	22 hours
Music 333 and 343	6 hours
Applied Music (at least 4 hours in Piano*)	8 hours
Electives in Music	6 hours

5. Voice Concentration:**

Private Voice	16 hours
Music 114, 124, 214, and 224	16 hours
Music 333 and 343	6 hours
Piano*	4 hours

*Student must successfully complete the Piano Proficiency Examination if he takes less than 8 hours of Piano or Organ.

**Language requirement must be met by taking French or German.

Requirements for a minor in Music

The student may choose one of the following fields of concentration:

1. Orchestral Instrument (no voice required)

Orchestral Instrument	4 hours
Piano*	3 hours
Music 114	4 hours
Music Education 371	1 hour
Band	3 hours
Music 423	3 hours

2. Voice

Voice	4 hours
Piano*	3 hours
Music 114	4 hours
Music Education 371	1 hour
Choral Music	3 hours
Music 423	3 hours

3. Piano or Organ

Piano or Organ*	4 hours
Voice	3 hours
Music 114	4 hours
Music Education 371	1 hour
Choral Music	3 hours
Music 423	3 hours

*Student must successfully complete the Piano Proficiency Examination if he takes less than 8 hours of Piano or Organ.

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 76. He meets the requirements for Elementary Certificate or Secondary Certificate (see pages 90-91), 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 apprentice teaching. (See page 116.)

For prospective teachers of music in high school, a minor of at least 18 hours in some teaching subject other than music is required. It is recommended that such students select a minor in English or in some field of social studies.

Category I: (The student takes all of these courses)

Music Education 333 and 413	6 hours
Music Education 211, 221, 231, and 241	4 hours
Music Education 371	1 hour
Music 114, 124, 214, 224, and 323	19 hours
Music 333 and 343	6 hours
Music 423 (suggested elective)*	

Category II: (The student selects one of these areas of concentration)

1. Orchestral Instrument Concentration:

Private Instrument	8 hours
Piano**	4 hours
Instrumental Ensemble (7 semesters of participation)	4 hours
Choral Music (4 semesters of participation)	No credit

2. Organ Concentration:

Private Organ	8 hours
Voice	4 hours
Choral Music (7 semesters of participation)	4 hours

3. Piano Concentration:

Private Piano	8 hours
Voice	4 hours
Choral Music (7 semesters of participation)	4 hours

4. Voice Concentration:

Private Voice	8 hours
Piano**	4 hours
Choral Music (7 semesters of participation)	4 hours

*Before being admitted to apprentice teaching in Music, the student must either complete Music 423 or pass the Music Literature Examination.

**Student must successfully complete the Piano Proficiency Examination if he takes less than 8 hours of Piano or Organ.

Requirements for a minor in Music Education

The student may choose one of the following fields of concentration:

1. Orchestral Instrument Concentration:

Orchestral Instrument	3 hours
Piano*	2 hours
Music 114	4 hours
Music Education 371	1 hour
Music Education 333 or 413	3 hours
Music Education 211, 221, 231, or 241**	2 hours
Instrumental Ensemble	3 hours

2. Voice Concentration:

Voice	3 hours
Piano*	2 hours
Music 114	4 hours
Music Education 371	1 hour
Music Education 333 or 413	3 hours
Music Education 211, 221, 231, or 241**	2 hours
Choral Music	3 hours

3. Piano or Organ Concentration:

Piano or Organ*	3 hours
Voice	2 hours
Music 114	4 hours
Music Education 371	1 hour
Music Education 333 or 413	3 hours
Music Education 211, 221, 231, or 241**	2 hours
Choral Music	3 hours

*Student must successfully complete the Piano Proficiency Examination if he takes less than 8 hours of Piano or Organ.

**It is suggested that the student take, as electives, Music 423 and the two instrument courses which are not taken as requirements.

MUSIC

Music 111. CHORAL MUSIC. An oratorio or an opera is presented during the semester. Membership is open to all students. Students who sing in the Chorallaires are selected by audition from those who are enrolled for Choral Music. This unit has additional rehearsal periods. Not more than four hours of combined credit for Choral Music and Instrument Ensemble may be counted.

Every semester — 1 hour

Music 121. CHORAL MUSIC. Same as Music 111 except used to designate a student's second semester of Choral Music.

Every semester — 1 hour

Music 211. CHORAL MUSIC. Same as Music 111 except used to designate a student's third semester of Choral Music.

Every semester — 1 hour

Music 221. CHORAL MUSIC. Same as Music 111 except used to designate a student's fourth semester of Choral Music.

Every semester — 1 hour

Music 112. FUNDAMENTALS OF MUSIC. A course designed to give an elementary understanding of notation, general terms, and the basic elements of music: harmony, melody, and rhythm. For non-music majors. No credit for music majors. No prerequisite.

Every fall — 2 hours

Music 114. ELEMENTARY THEORY OF MUSIC. An integrated course in musicianship, including ear training, sight-singing, dictation, and written and keyboard harmony. Study is devoted to the structure of music for the purpose of developing skill in creative expression as well as skill in analyzing and understanding music being studied or performed. Designed for music majors and minors. Three hours of class work and two hours of laboratory. Prerequisite: A satisfactory score on the Freshman Theory Placement Examination which attests to the student's knowledge of the basic elements of music. The test is administered during orientation week.

Every fall — 4 hours

Music 124. ELEMENTARY THEORY OF MUSIC. A continuation of Music 114.

Every spring — 4 hours

Music 214. ADVANCED THEORY OF MUSIC. Advanced study in part-writing, including chromatic and other non-harmonic tones; further study in sight-singing and dictation; and keyboard application of theoretical materials. Three hours of class work and two hours of laboratory. Prerequisite: Music 124, or the equivalent.

Every fall — 4 hours

Music 224. ADVANCED THEORY OF MUSIC. A continuation of Music 214.

Every spring — 4 hours

Music 251. MUSIC APPRECIATION. (Included in Humanities I; see page 108.) Designed to contribute to the intellectual, emotional, and aesthetic understanding of music as expression, as science, and as an art closely akin to all other fine arts. Great works of 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 fall and every summer—1 hour

Music 261. MUSIC APPRECIATION. (Included in Humanities II.) A continuation of Music 251.

Every spring and every summer—1 hour

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, 1967, 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.

Spring, 1969, and alternate years—3 hours

Music 333. MUSIC HISTORY. 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, 1968, and alternate years—3 hours

Music 343. MUSIC HISTORY. 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, 1969, and alternate years—3 hours

Music 423. 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, 1968, and alternate years—3 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.

Fall, 1967, and alternate years—1 hour

Music Education 221. STRING INSTRUMENT CLASS. A practical study of the high and low string instruments. The student learns to play, care for, and teach each instrument. Prerequisite: Sophomore standing.

Fall, 1967, and alternate years—1 hour

Music Education 231. WOODWIND INSTRUMENT CLASS. A practical study of the high and low woodwind instruments. The student learns to play, care for, and teach each instrument. Prerequisite: Sophomore standing.

Spring, 1968, and alternate years—1 hour

Music Education 241. PERCUSSION INSTRUMENT CLASS. A study of the principal percussion instruments. The student learns the basic rudiments of each instrument and how to care for it, as well as how to teach it. Prerequisite: Sophomore standing.

Spring, 1968, and alternate years—1 hour

Music Education 302. MINISTRY OF MUSIC. A survey of materials and methods for the entire church choir program, including all age groups. Special attention is given to organization problems.

Spring, 1968, and alternate years—2 hours

Music Education 333. MUSIC IN THE PRIMARY AND ELEMENTARY GRADES. A study and demonstration of methods and materials for the first six grades. A study is made of problems encountered with each grade level. Lesson plans are prepared. Visits are made to observe actual teaching situations.

Spring, 1968, and alternate years—3 hours

Music Education 371. CHORAL CONDUCTING. A study of the fundamentals and techniques of conducting hymns, anthems, and other choral music. Problems of directing vocal groups are studied. Special emphasis is placed on interpretation. Prerequisite: Junior standing or consent of instructor.

Fall, 1968, and alternate years—1 hour

Music Education 381. ADVANCED CONDUCTING. A continuation of Music Education 371, but with more attention given to instrumental music. 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 371.

Spring, 1968, and alternate years—1 hour

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.

Fall, 1967, and alternate years—3 hours

INSTRUMENTAL MUSIC

Instrumental Music 101. INSTRUMENTAL ENSEMBLE. Provides experience in the performance of music written for band. Not more than four hours of combined credit for Instrumental Ensemble and Choral Music may be counted toward a degree. *Every semester—1 hour*

Instrumental Music 111. INSTRUMENTAL ENSEMBLE. Same as Instrumental Music 101 except used to designate a student's second semester of Instrumental Ensemble. *Every semester—1 hour*

Instrumental Music 131. PRIVATE 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. *Every semester—1 hour*

Instrumental Music 132. PRIVATE ORCHESTRAL INSTRUMENT. Same as Instrumental Music 131 except for the amount of work required and the amount of credit earned. *Every semester—2 hours*

Instrumental Music 141. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 131 or 132. *Every semester—1 hour*

Instrumental Music 142. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 131 or 132. *Every semester—2 hours*

Instrumental Music 201. INSTRUMENTAL ENSEMBLE. Same as Instrumental Music 101 except used to designate a student's third semester of Instrumental Ensemble. *Every semester—1 hour*

Instrumental Music 211. INSTRUMENTAL ENSEMBLE. Same as Instrumental Music 101 except used to designate a student's fourth semester of Instrumental Ensemble. *Every semester—1 hour*

Instrumental Music 231. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 141 or 142. *Every semester—1 hour*

Instrumental Music 232. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 141 or 142. *Every semester—2 hours*

Instrumental Music 241. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 231 or 232. *Every semester—1 hour*

Instrumental Music 242. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 231 or 232. *Every semester—2 hours*

Instrumental Music 311. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 241 or 242. *Every semester—1 hour*

Instrumental Music 312. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 241 or 242. *Every semester—2 hours*

Instrumental Music 321. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 311 or 312. *Every semester—1 hour*

Instrumental Music 322. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 311 or 312. *Every semester—2 hours*

Instrumental Music 411. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 321 or 322. *Every semester—1 hour*

Instrumental Music 412. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 321 or 322. *Every semester—2 hours*

Instrumental Music 421. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 411 or 412. *Every semester—1 hour*

Instrumental Music 422. PRIVATE ORCHESTRAL INSTRUMENT. A continuation of Instrumental Music 411 or 412. *Every semester—2 hours*

ORGAN

Students normally must have completed approximately six years of piano study or the equivalent before they begin the study of organ. Such preparation should include a knowledge of the major and minor scales, Bach Inventions, easier sonatas of Mozart and Beethoven, and compositions by romantic and modern composers.

Organ 111. CLASS ORGAN. Class instruction in elementary organ for students with no previous organ training. *Every fall—1 hour*

Organ 121. CLASS ORGAN. A continuation of Organ 111. *Every spring—1 hour*

Organ 131. PRIVATE ORGAN. A study of organ methods, including pedal technique and hymn playing. Suggested repertoire includes works by Bach, Bonnet, Mendelssohn, and Dupre. *Every semester—1 hour*

Organ 132. PRIVATE ORGAN. Same as Organ 131 except for the amount of work required and the amount of credit earned. *Every semester—2 hours*

Organ 141. PRIVATE ORGAN. A continuation of Organ 131 or 132. *Every semester—1 hour*

Organ 142. PRIVATE ORGAN. A continuation of Organ 131 or 132. *Every semester—2 hours*

Organ 231. PRIVATE ORGAN. Advanced pedal studies, service playing, and the transcription of piano music for organ. Suggested repertoire includes works by Bach, Bonnet, and Franck. Prerequisite: Organ 141 or equivalent.

Every semester — 1 hour

Organ 232. PRIVATE ORGAN. Same as Organ 231 except for the amount of work required and the amount of credit earned. *Every semester — 2 hours*

Organ 241. PRIVATE ORGAN. A continuation of Organ 231 or 232.

Every semester — 1 hour

Organ 242. PRIVATE ORGAN. A continuation of Organ 231 or 232.

Every semester — 2 hours

Organ 311. PRIVATE ORGAN. A study of works by Bach, Brahms, and Franck. Repertoire also includes accompaniment of soli, cantatas, etc. Preparation is made for a junior recital. Prerequisite: Organ 241 or equivalent.

Every semester — 1 hour

Organ 312. PRIVATE ORGAN. Same as Organ 311 except for the amount of work required and the amount of credit earned. *Every semester — 2 hours*

Organ 321. PRIVATE ORGAN. A continuation of Organ 311 or 312.

Every semester — 1 hour

Organ 322. PRIVATE ORGAN. A continuation of Organ 311 or 312.

Every semester — 2 hours

Organ 411. PRIVATE ORGAN. A study of works by Bach, Brahms, Mendelssohn, Reubke, Vierne, and modern composers. Preparation is made for a senior recital. Prerequisite: Organ 321 or equivalent. *Every semester — 1 hour*

Organ 412. PRIVATE ORGAN. Same as Organ 411 except for the amount of work required and the amount of credit earned. *Every semester — 2 hours*

Organ 421. PRIVATE ORGAN. A continuation of Organ 411 or 412.

Every semester — 1 hour

Organ 422. PRIVATE ORGAN. A continuation of Organ 411 or 412.

Every semester — 2 hours

Organ 431. ORGAN LITERATURE AND ACCOMPANIMENT. Designed for organ majors. The major organ works written in every historical period are heard and studied by means of records. Pipe organ stops are studied. Some assignment for accompanying a choir is given the student. Prerequisite: Two years of college organ.

1 hour

PIANO

Piano 011. PREPARATORY PIANO. Private instruction for persons with no previous piano training. Piano 111 may be substituted for this course.

Every semester — 1 hour

Piano 021. PREPARATORY PIANO. A continuation of Piano 011. Piano 121 may be substituted for this course. *Every semester — 1 hour*

Piano 031. PREPARATORY PIANO. A continuation of Piano 021. Prerequisite: Piano 021 or 121. *Every semester — 1 hour*

Piano 041. PREPARATORY PIANO. A continuation of Piano 031.

Every semester — 1 hour

Piano 111. CLASS PIANO. Class instruction in elementary piano for students with no previous piano training. Adult preparatory books, such as Oxford and John Thompson, are used. *Every fall — 1 hour*

Piano 121. CLASS PIANO. A continuation of Piano 111.

Every spring — 1 hour

Piano 131. PRIVATE PIANO. A study in major and minor scales in octaves. Broken chord exercises. Suggested repertoire includes works compiled or composed by Czerny, Bertini, Mozart, Haydn, and Bach. Prerequisite: Piano 041 or equivalent. *Every semester — 1 hour*

Piano 132. PRIVATE PIANO. Same as Piano 131 except for the amount of work required and the amount of credit earned. *Every semester — 2 hours*

Piano 141. PRIVATE PIANO. A continuation of Piano 131 or 132.

Every semester — 1 hour

Piano 142. PRIVATE PIANO. A continuation of Piano 131 or 132.

Every semester — 2 hours

Piano 231. PRIVATE PIANO. Work with major and minor scales in faster tempo and in thirds, sixths, and tenths, and with arpeggios in sevenths. Literature includes selections from Czerny, Bach, Mozart, Chopin, Debussy, etc. Prerequisite: Piano 141 or equivalent. *Every semester — 1 hour*

Piano 232. PRIVATE PIANO. Same as Piano 231 except for the amount of work required and the amount of credit earned. *Every semester — 2 hours*

Piano 241. PRIVATE PIANO. A continuation of Piano 231 or 232.

Every semester — 1 hour

Piano 242. PRIVATE PIANO. A continuation of Piano 231 or 232.

Every semester—2 hours

Piano 311. PRIVATE PIANO. Literature includes selections from Czerny, Bach, Beethoven, Chopin, and other classic, romantic, and modern composers. Prerequisite: Piano 241 or equivalent.

Every semester—1 hour

Piano 312. PRIVATE PIANO. Same as Piano 311 except for the amount of work required and the amount of credit earned.

Every semester—2 hours

Piano 321. PRIVATE PIANO. A continuation of Piano 311 or 312.

Every semester—1 hour

Piano 322. PRIVATE PIANO. A continuation of Piano 311 or 312.

Every semester—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.

Every semester—1 hour

Piano 341. PIANO ENSEMBLE. A continuation of Piano 331.

Every semester—1 hour

Piano 411. PRIVATE PIANO. Literature includes selections from Clementi, Bach, Chopin, Beethoven, and other classic, romantic, and modern composers. Preparation is made for a senior recital. Prerequisite: Piano 321 or equivalent.

Every semester—1 hour

Piano 412. PRIVATE PIANO. Same as Piano 411 except for the amount of work required and the amount of credit earned.

Every semester—2 hours

Piano 421. PRIVATE PIANO. A continuation of Piano 411 or 412.

Every semester—1 hour

Piano 422. PRIVATE PIANO. A continuation of Piano 411 or 412.

Every semester—2 hours

VOICE

Voice 111. CLASS VOICE. 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. A continuation of Voice 111.

Every spring—1 hour

Voice 131. PRIVATE VOICE. Fundamentals of voice production, principles of breathing, a study of vowels, and essentials of tone production. Repertoire includes simple songs. Language Diction Laboratory (English and Italian), meeting one hour each week, is to be taken. This is a study of phonetic sounds of the English and Italian languages, aimed at enhancing the ability to sing in these languages.

Every fall—1 hour

Voice 132. PRIVATE VOICE. Same as Voice 131 except for the amount of work required and the amount of credit earned.

Every fall—2 hours

Voice 141. PRIVATE VOICE. A continuation of Voice 131 or 132. Language Diction Laboratory (French and German), meeting one hour each week, is to be taken. This is a study of phonetic sounds of the French and German languages, aimed at enhancing the ability to sing in these languages.

Every spring—1 hour

Voice 142. PRIVATE VOICE. Same as Voice 141 except for the amount of work required and the amount of credit earned.

Every spring—2 hours

Voice 231. PRIVATE VOICE. More advanced vocal technique. Studies in diatonic and chromatic scales, legato, staccato, phrasing, and tone color, with emphasis on diction and interpretation. Prerequisite: Voice 141 or equivalent.

Every semester—1 hour

Voice 232. PRIVATE VOICE. Same as Voice 231 except for the amount of work required and the amount of credit earned.

Every semester—2 hours

Voice 241. PRIVATE VOICE. A continuation of Voice 231 or 232.

Every semester—1 hour

Voice 242. PRIVATE VOICE. A continuation of Voice 231 or 232.

Every semester—2 hours

Voice 311. PRIVATE VOICE. Fundamentals of style and expression, with continued emphasis on tone production. Increased study of songs. Preparation is made for a junior recital. Prerequisite: Voice 241 or equivalent.

Every semester—1 hour

Voice 312. PRIVATE VOICE. Same as Voice 311 except for the amount of work required and the amount of credit earned.

Every semester—2 hours

Voice 321. PRIVATE VOICE. A continuation of Voice 311 or 312.

Every semester—1 hour

Voice 322. PRIVATE VOICE. A continuation of Voice 311 or 312.

Every semester—2 hours

Voice 411. PRIVATE VOICE. Recapitulation of the work of the preceding years together with the study of more difficult songs and modern song literature. Preparation is made for a senior recital. Prerequisite: Voice 321 or equivalent.

Every semester — 1 hour

Voice 412. PRIVATE VOICE. Same as Voice 411 except for the amount of work required and the amount of credit earned.

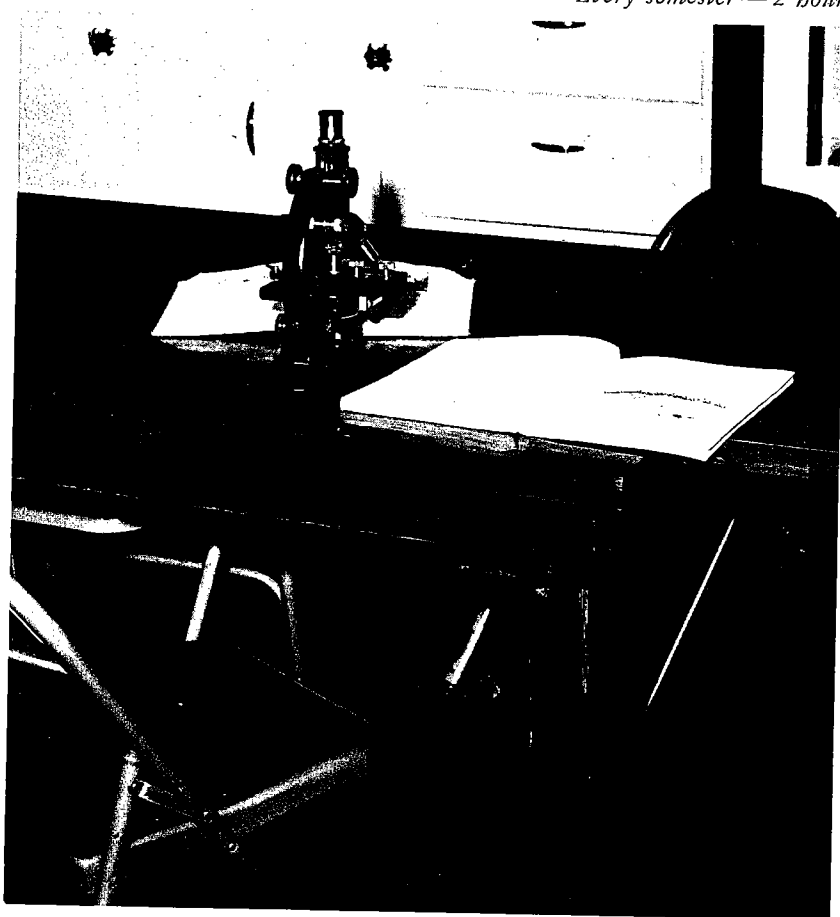
Every semester — 2 hours

Voice 421. PRIVATE VOICE. A continuation of Voice 411 or 412.

Every semester — 1 hour

Voice 422. PRIVATE VOICE. A continuation of Voice 411 or 412.

Every semester — 2 hours



Division of

NATURAL SCIENCE AND MATHEMATICS

Department of Natural Science and Mathematics

Biology

Botany

Zoology

Chemistry

Physics

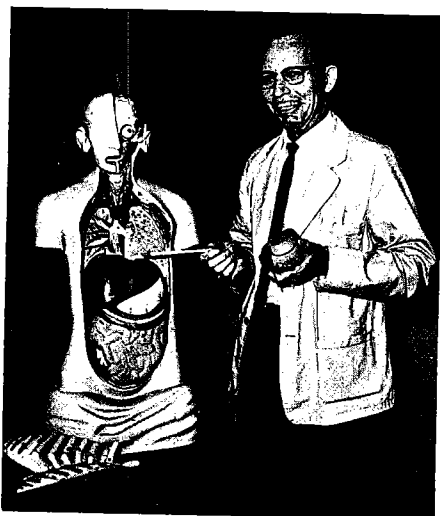
Science

Mathematics

DIVISION OF NATURAL SCIENCE AND MATHEMATICS

The division 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 division also provides appropriate courses for students who desire to specialize in life science, physical science, or mathematics and seeks to prepare qualified students for teaching, for graduate study, or for professional training in these areas.



DEPARTMENT OF NATURAL SCIENCE AND MATHEMATICS

Requirements for a major in Biology* (B.S. degree)

Biology 114 and 124	8 hours
Biology 214 and 224	8 hours
Electives in Biology (12 hours upper division)	14 hours

Requirements for a minor in Biology

Biology 114 and 124; or Biology 214 and 224	8 hours
Electives in Biology (6 hours upper division)	10 hours

Requirements for a minor in Natural Science

Complete one of the following combinations of hours.

Physics	8 hours	Physics	8 hours
Chemistry	8 hours	Biology	8 hours
Biology	4 hours	Chemistry	4 hours
Chemistry	8 hours	Chemistry	12 hours
Biology	8 hours	Biology	4 hours
Physics	4 hours	Physics	4 hours

Requirements for a major in Mathematics* (B.S. degree)

Mathematics 113, 153, and 163	9 hours
Mathematics 253, 273, and 283	9 hours
Upper division courses in Mathematics	12 hours

Requirements for a minor in Mathematics

Mathematics 113, 123, 153, and 163	12 hours
Mathematics 253	3 hours
Upper division courses in Mathematics	6 hours

Requirements for a major in Mathematics** (For persons planning to teach) (B.S. degree)

Mathematics 113, 153, and 163	9 hours
Mathematics 253, 273, and 283	9 hours
Electives in Mathematics (12 hours upper division)	15 hours

*Fourteen hours of German or French must be taken. A person majoring in Biology must also take Chemistry 114 and 124 and Physics 214 and 224.
 **The major in Mathematics (Education) is designed principally for high school Mathematics teachers. It requires 33 hours of Mathematics. The Modern Language requirement may be waived. Natural Science is suggested as a minor.

BIOLOGY

The courses in biology are offered for the purpose of helping all students to become better acquainted with life sciences and of laying the proper foundation for persons who desire to specialize in scientific work, in medicine, or in agriculture.

Biology 114. GENERAL BOTANY. An introduction to the basic principles of living matter through a study of the functions of the higher forms of common plants. The laboratory work includes the use of the microscope, preparation of slides, and experiments illustrating plant phenomena. Life cycles of representative species are studied. *Every fall—4 hours*

Biology 124. GENERAL BOTANY. A continuation of Biology 114, except that the lower forms of plant life are studied. No prerequisite. *Every spring—4 hours*

Biology 134. GENERAL BIOLOGY. A study of the basic principles that govern living things and their relationship to man. *Every semester and every summer—4 hours*

Biology 214. GENERAL ZOOLOGY. Basic principles of living matter are examined through study of the lower forms of life in the animal kingdom. Dissections are made of representative specimens. *Every fall—4 hours*

Biology 224. GENERAL ZOOLOGY. A continuation of Biology 214, except that the higher forms of animal life are studied. No prerequisite. *Every spring—4 hours*

Biology 314. ENTOMOLOGY. A study of life histories, taxonomic work, methods of study, and the collecting and preserving of insects. Students are required to prepare a representative collection. Prerequisite: Biology 214. *Fall, 1968, and alternate years—4 hours*

Biology 323. GENETICS AND EUGENICS. A study of principles of heredity as observed in plants and animals. Principles of race improvement are also considered. Prerequisites: Biology 114 and 124, or Biology 214 and 224. *Every summer—3 hour*

Biology 324. SYSTEMATIC BOTANY. A study of the principles of taxonomy with reference to local flora. Specimens are keyed and added to the department herbarium. Prerequisites: Biology 114 and 124. *Fall, 1968, and alternate years—4 hours*

Biology 334. MICROBIOLOGY. An introduction to the principles and applications of microbiology, with a study of the general characteristics of microorganisms and their relation to man. Prerequisites: Biology 124 and 214. *Spring, 1968, and alternate years—4 hours*

Biology 344. INTRODUCTION TO EMBRYOLOGY. An elementary course based on the embryology of the chick, but with some work on certain stages of development of other animals. Prerequisites: Biology 214 and 224. *Fall, 1967, and alternate years—4 hours*

Biology 353. ELEMENTARY ANATOMY AND PHYSIOLOGY. A study of the basic structures, functions, and various systems of the human organism, by means of charts, models, and observations of laboratory techniques. Not for Biology majors. *Fall, 1968, and alternate years—3 hours*

CHEMISTRY

Chemistry 114. GENERAL CHEMISTRY. A study of fundamental principles of chemistry and their relationship to life and society. Designed for all students within the general education portion of the curriculum and for students preparing for the professions of agriculture, medicine, science teaching, engineering, nursing, and home economics. Prerequisite: High School Algebra. *Every fall—4 hours*

Chemistry 124. GENERAL CHEMISTRY. A continuation and expansion of Chemistry 114. Prerequisite: Chemistry 114 or equivalent. *Every spring—4 hours*

Chemistry 324. ORGANIC CHEMISTRY. A simple presentation of the practical application of organic chemistry. Basic principles are stressed so that the course will not only equip students with some general concepts of organic chemistry, but will also meet the requirements for preagricultural, prenursing, lab technician, home economics, and industrial arts courses. Prerequisite: Chemistry 124. *Summer, 1969, and alternate years—4 hours*

PHYSICS

Physics 134. INTRODUCTION TO THE PHYSICAL SCIENCES. A coordinated study of the fundamentals of physics, chemistry, meteorology, geology, and astronomy and an introduction to the significance of the physical sciences in today's world. *Every semester and every summer—4 hours*

Physics 203. INTRODUCTION TO ASTRONOMY. An introductory and non-technical course in astronomy, including its history, the solar system, stars, constellations, and galaxies. Designed to help develop appreciation and understanding of the natural laws of the universe. Prerequisite: Physics 134 or equivalent.

Fall, 1967, and alternate years — 3 hours

Physics 214. GENERAL PHYSICS. A study of the basic principles of general physics for non-science majors with emphasis on the relationships between the concepts of physics and life situations. Prerequisite: Two years of high school algebra or equivalent.

Every fall — 4 hours

Physics 224. GENERAL PHYSICS. A continuation and expansion of Physics 214. Prerequisite: Physics 214.

Every spring — 4 hours

SCIENCE

Science 413. TEACHING OF SCIENCE. Methods of instruction, organization, and presentation of appropriate content in the physical and life sciences.

Summer, 1968, and alternate years — 3 hours

MATHEMATICS

All students must take Mathematics as part of the General Education portion of their studies. Students who have completed advanced or accelerated courses in mathematics in high school may apply for advanced placement with regard to certain other mathematics courses.

Mathematics 113. INTRODUCTION TO COLLEGE MATHEMATICS. A study of the development of the foundations of mathematics and the implications of mathematical ideas, concepts, and processes in solving problems in daily life.

Every semester and every summer — 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 spring — 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 253. 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 273. 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 283. ANALYTIC GEOMETRY AND CALCULUS IV. A study of partial differentiation, multiple integrals, infinite series, complex numbers, and functions. Prerequisite: Mathematics 273.

Every spring — 3 hours

Mathematics 323. DIFFERENTIAL EQUATIONS. A study of the methods of solution of ordinary differential equations and their application to geometry, mechanics, and physics. Prerequisite: Mathematics 273.

Fall, 1967, and alternate years — 3 hours

Mathematics 353. VECTOR ANALYSIS. A first course in differentiation and integration of vector functions and applications. Prerequisite: Mathematics 283.

Fall, 1968, and alternate years — 3 hours

Mathematics 363. INTRODUCTION TO PROBABILITY AND STATISTICS. (Same as Psychology 363.) A study of elementary theories of probability, distribution, and testing of statistical hypotheses. Practical experience is provided in the application of statistical methods. Prerequisite: Mathematics 113 or 123.

Every spring — 3 hours

Mathematics 383. MATHEMATICS FOR TEACHERS. A study of selected phases of mathematics for prospective teachers of mathematics in secondary schools. The various techniques employed in teaching courses in mathematics are examined. Prerequisite: Mathematics 163.

Fall, 1967, and alternate years — 3 hours

Mathematics 403. MODERN MATHEMATICS FOR ELEMENTARY AND JUNIOR HIGH SCHOOL. (Same as Elementary Education 403.) Designed to provide an understanding of "Modern Mathematics" for teachers in the middle and upper elementary grades and junior high school. The new approaches are explained and problems solved. The following are included: systems of numeration, symbols, properties, factoring and prime numbers, modular arithmetic, logic and number sentences, etc. Prerequisite: Mathematics 113 or 123.

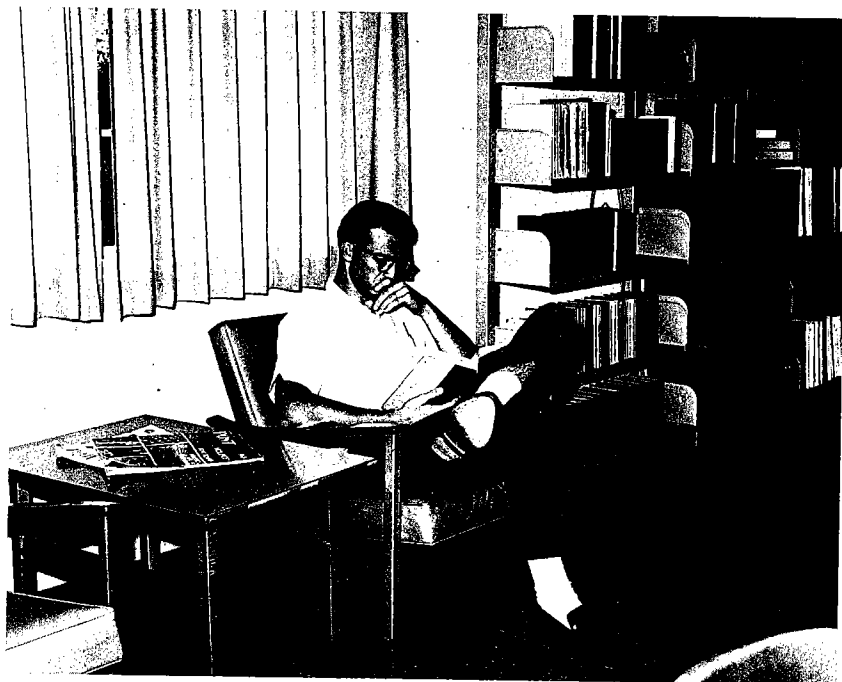
Spring, 1968, and alternate years — 3 hours

Mathematics 413. LINEAR ALGEBRA. An introductory study of finite dimensional vector spaces, linear transformations, and matrices associated with them. Prerequisite: Mathematics 163.

Fall, 1968, and alternate years — 3 hours

Mathematics 423. INTRODUCTION TO MODERN ALGEBRA. Designed to acquaint students with the fundamental concepts of logical reasoning and logical structure as employed in mathematics. Some elementary theories of sets, fields, vector spaces, matrices, and probability are introduced. Designed to be of benefit to all liberal arts students as well as to prospective teachers of mathematics. Prerequisite: Mathematics 163.

Fall, 1969, and alternate years — 3 hours



Division of

RELIGION AND SOCIAL STUDIES

Department of Religion

Department of Social Studies

Bible

New Testament Greek

Religion

Philosophy

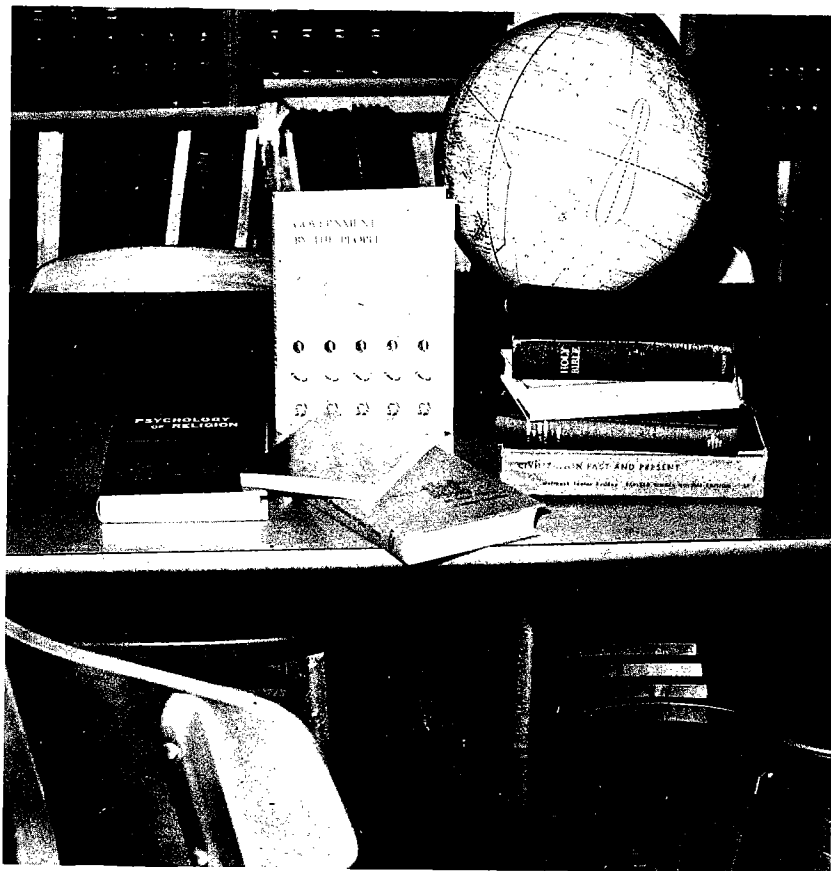
Government

History

Sociology

DIVISION OF RELIGION AND SOCIAL STUDIES

The Division of Religion and Social Studies seeks to relate the student significantly to the social and spiritual areas of his life through a study of the religious and cultural foundations of the Judaeo-Christian heritage and an examination of the history and interpersonal relations of past and present civilizations.



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. They are not professional courses for ministerial students to take in lieu of graduate studies in a theological seminary. If ministerial students are fairly certain that they will continue their studies in seminary, it is suggested that they major in such areas as Behavioral Sciences, English, History, or Social Studies.

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* (6 hours upper division)	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	3 hours
Religion 333 or 463	3 hours
Electives in Bible or Religion*	6 hours

*Ministerial students should take Religion 213, 273, and 283.

BIBLE

Bible 113. OLD TESTAMENT HISTORY. An introductory and historical study of the Old Testament. Attention is given to the institutions, religion, literature, and national life of the Hebrew people from earliest times to the close of the Old Testament period.

Every semester and every summer — 3 hours

Bible 123. NEW TESTAMENT HISTORY. A general historical survey of the New Testament, beginning with the inter-Biblical period, with the main emphasis given to the Gospels and Acts.

Every semester and every summer — 3 hours

Bible 333. OLD TESTAMENT PROPHETS. A study of the writing prophets of the Old Testament, with special attention given to the Messianic element, the occasion of writing, authorship, content, and interpretation. Prerequisites: Bible 113 and 123.

Spring, 1968, and alternate years — 3 hours

Bible 353. OLD TESTAMENT POETRY. A study of the poetical books of the Old Testament, with reference to their literary style, occasion of writing, authorship, content, and interpretation. Prerequisites: Bible 113 and 123.

Summer, 1968, spring, 1969, and alternate years — 3 hours

Bible 373. CHRISTIAN DOCTRINES. A systematic study of the major doctrines of the Bible, with special attention given to the doctrines and practices of Baptists. Prerequisites: Bible 113 and 123.

Every fall — 3 hours

Bible 423. GENERAL EPISTLES AND REVELATION. A study of the historical background, authorship, and exegetical analysis of the General Epistles (Hebrews; James; I and II Peter; I, II, and III John; and Jude) and Revelation. Prerequisites: Bible 113 and 123.

Fall, 1968, and alternate years — 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, 1967, summer, 1968, 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, 1969, and alternate years — 3 hours

Bible 463. BIBLICAL BACKGROUNDS. 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.

Spring, 1968, summer, 1969, 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) meets the Foreign Language requirement 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

Greek 383. ADVANCED GREEK GRAMMAR. A continuation of Greek 373. This course includes an exegesis of one short New Testament book, designed to help prepare the student for the use of the most effective methods of exegesis of the Greek New Testament. Prerequisite: Greek 373.

Every spring — 3 hours

RELIGION

Religion 213. A SURVEY OF RELIGIOUS EDUCATION. An introductory and survey study of religious education, with emphasis upon history, philosophy, objectives, educational techniques, and the correlated functions of the major program organizations of the local church. Attention also is given to the means of organized cooperation between churches.

Fall, 1967, and alternate years — 3 hours

Religion 243. CHURCH ADMINISTRATION. A study of the effective use of non-organizational activities of the church, such as relationships with public schools; expansion of staff, membership, and buildings; finance; evangelism; worship; use of leisure time; teaching aids; publicity; principles of leadership; and committees. *Fall, 1968, and alternate years — 3 hours*

Religion 273. PASTORAL DUTIES. A study of practical duties and problems of the modern pastor in translating New Testament principles into present day practice. Such matters as ordination, baptism, the Lord's Supper, marriages, and funerals are studied. Prerequisites: Bible 113 and 123.

Fall, 1967, and alternate years — 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 given to the building and use of a personal library as an aid to preaching. Prerequisites: Bible 113 and 123. *Spring, 1969, and alternate years — 3 hours*

Religion 333. PSYCHOLOGY OF RELIGION. (Same as Psychology 333.) A study of the psychology of religious experience, with special attention given to conversion, integration of personality, moral guilt, behavior, worship, prayer, and healing. Prerequisite: Psychology 213.

Spring, 1969, and alternate years — 3 hours

Religion 463. COMPARATIVE RELIGIONS. (Same as Philosophy 463) A study of the major representative religions of the world, both ancient and contemporary, and a study of the various religious sects in America.

Spring, 1968, 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 semester — 3 hours*

Philosophy 463. COMPARATIVE RELIGIONS. (Same as Religion 463.) A study of the major representative religions of the world, both ancient and contemporary, and a study of the various religious sects in America.

Spring, 1968, and alternate years — 3 hours

DEPARTMENT OF SOCIAL STUDIES

History, political science, and sociology are inseparably connected. History is largely the record of the social and political changes and conditions of man. The chief problems before man today, as in all the past, are economic and social. These make up the leading political questions. Every citizen, if he is to vote, talk, or act intelligently, must know something of the underlying principles of these subjects. This is the purpose of all the courses in this department.

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

Sociology 213	3 hours
Sociology 233	3 hours
Psychology 213	3 hours
Philosophy 213	3 hours
Electives in Sociology or Psychology (12 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

*A scholarly research project must be completed in connection with an upper division history course taken during the senior year. The subject of the project is selected by the student in consultation with his instructor in the course and the chairman of the Social Studies Department. The project must indicate a grasp of the proper techniques of research and writing.

**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	9 hours
History 213* and 223	6 hours
Upper division course in History	3 hours

*A person minorng in history is required to do additional outside reading, research, and/or term papers in History 213.

Requirements for a major in Social Studies (B.A. degree)

History 113, 123, and 233	9 hours
History 213 and 223	6 hours
Sociology 213 and 223	6 hours
Government 253 and 363	6 hours
Economics 213	3 hours
Upper division courses in Social Studies	6 hours

Requirements for a minor in Social Studies

History 113, 123, and 233	9 hours
Sociology 213	3 hours
Government 353	3 hours
Upper division course in Social Studies	3 hours

Requirements for a minor in Government

Government 353 and 363	6 hours
Electives in Government	12 hours

Requirements for a minor in Sociology

Sociology 213 and 223	6 hours
Electives in Sociology (6 hours upper division)	12 hours

GOVERNMENT

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, 1967, 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, 1968, summer, 1969, 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, 1968, 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 facism in the modern world. Prerequisite: Government 333 or sufficient work in History or Philosophy to provide an adequate background.

Spring, 1969, and alternate years — 3 hours

Government 353. FEDERAL GOVERNMENT. A study of the Federal Government of the United States. Designed to furnish a guide to an understanding of American citizenship and of various phases of the constitutional system of the United States. Prerequisite: Sophomore standing.

Every semester and every summer — 3 hours

Government 363. ARIZONA HISTORY AND GOVERNMENT. The first half of the course concentrates on Arizona History from pre-territorial days to the present, emphasizing economic and social developments as well as political factors. The second half of the semester is devoted to a study of the structure of Arizona's government at the state, county, and local levels. Each half of the course may be taken separately for 1½ hours each. Prerequisite: Sophomore standing.

Every semester and every summer — 3 hours

HISTORY

History 113. HISTORY OF CIVILIZATION I (TO THE RENAISSANCE). Designed to introduce the student to the origin and early development of Western civilization, with attention given equally to the cultural, political, and socioeconomic factors.

Every fall and every summer — 3 hours

History 123. HISTORY OF CIVILIZATION II (RENAISSANCE - 1900). A continuation of History 113. The Renaissance and Reformation are studied as a transition to the modern period. Attention is given to the resultant emergence of national states as they set the pattern for Western institutions as they matured.

Every spring and every summer — 3 hours

History 233. HISTORY OF CIVILIZATION III (SINCE 1900). A continuation of History 113 and 123. A more detailed study of the swiftly changing tide of events that characterize the revolutionary world of today. Special attention is given to the evolving split between democracy and totalitarianism. Emphasis is placed on the role of the United States in the twentieth century.

Every fall and every summer — 3 hours

History 213. EARLY AMERICAN HISTORY. A study of European expansion in America, the English colonies, colonial institutions, the American Revolution and Constitution, the launching of the new government, nationalism and sectionalism, westward expansion, slavery, and the Civil War.

Every fall — 3 hours

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. Prerequisites: History 113 and 123. *Fall, 1968, and alternate years—3 hours*

History 333. THE RENAISSANCE AND REFORMATION. A study of European intellectual, economic, and religious developments marking the beginning of the modern era: humanism and the rediscovery of classical civilization; the rise of literature and art; Martin Luther and the revolt against Rome; Zwingli, Calvin, Knox, and others; Papacy and Empire; and the Counter-Reformation. Prerequisite: History 113. *Fall, 1967, and alternate years—3 hours*

History 343. THE FRENCH REVOLUTION. A study of the Old Regime, the influence of the "Philosophers," the Estates General, the National Constituent Assembly, the attempts of France to establish a stable government during the 1790's, the Reign of Terror, Robespierre and other leaders, the rise of Napoleon Bonaparte, the foreign wars, the Empire and the reorganization of Europe, and the Congress of Vienna. Prerequisites: History 113 and 123. *Spring, 1968, and alternate years—3 hours*

History 373. HISTORY OF LATIN AMERICA. 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, 1968, 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 agriculture, manufacturing, commerce, transportation, money and banking, labor organization, and labor legislation. Prerequisites: Economics 213 and History 213 and 223. *Every summer—3 hours*

History 413. RUSSIA AND THE NEAR EAST. A study of the Russian peoples and their rulers from the earliest times to the present, including the development of a Russian *volksgeist*, with its autocracy, sadness, violence, and national aspirations. Russian expansion during the Romanov period, the Near East in its relations with Russia, the Bolshevik Revolution, and Soviet Russia. Prerequisites: History 113 and 123. *Fall, 1967, and alternate years—3 hours*

History 433. NINETEENTH CENTURY EUROPE. A study beginning with the legacy of the French Revolution and extending to World War I. Attention is given to the new technology and the impetus it gave to the class struggle within nations and to international tensions between nations as imperialism extended to revolutionary labor movements, and to the impact of Western civilization on the underdeveloped nations. Prerequisites: History 113 and 123. *Fall, 1968, and alternate years—3 hours*

History 443. TWENTIETH CENTURY EUROPE. A study of World War I and its aftermath in Europe: the peace treaties; interdependence of political and economic factors in the 20 years following, which contributed to the renewal of war; developments of World War II; and the United Nations and contemporary efforts to establish peace. Prerequisites: History 113 and 123. *Spring, 1969, and alternate years—3 hours*

History 473. THE TEACHING OF SOCIAL STUDIES. A methods course 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 the obtaining of material for presentation and to the effective methods of presentation. Prerequisites: History 113, 123, and 233 and Junior standing. *Every summer—3 hours*

History 483. 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, 1969, and alternate years—3 hours*

SOCIOLOGY

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, summer of 1968, and alternate years—3 hours*

Sociology 223. SOCIAL PROBLEMS. A general study of the problems created by dependents, defectives, and delinquents, and by the existence of intemperance, war, family disorganization, crime, and poverty. Prerequisite: Sociology 213. *Every spring, summer, 1969, and alternate years—3 hours*

Sociology 233. CULTURAL ANTHROPOLOGY. A study of some of the 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 organization, and beliefs are surveyed.

Spring, 1968, and alternate years — 3 hours

Sociology 303. SOCIAL PSYCHOLOGY. (Same as Psychology 303.) A psychological study of the individual in the social situation. Attention is given to the development of attitudes, group thinking, sources of conflict, effects of competition and cooperation, analysis and evaluation of propaganda techniques, and other forces which affect individuals in groups. Prerequisite: Psychology 213 or Sociology 213.

Spring, 1969, and alternate years — 3 hours

Sociology 333. MARRIAGE AND THE FAMILY. A sociological analysis of the family, designed to contribute to an understanding of its origin, structure, and functions and to present material of a practical nature which will help young people who are seeking guidance in the choice of a partner and in the adjustments necessary to successful marriage and family life. Prerequisite: Sociology 213 or junior standing.

Fall, 1968, summer, 1969, and alternate years — 3 hours

Sociology 343. JUVENILE DELINQUENCY. A study of the extent and nature of juvenile delinquency: the social and personal factors related to the development of delinquent habits and the techniques for dealing with the delinquent and for redirecting youth behavior into more desirable patterns. Prerequisite: Sociology 213 or junior standing.

Spring, 1969, and alternate years — 3 hours

Sociology 353. THE AMERICAN COMMUNITY. A comparative and interrelated study of rural and urban life, considering the physical, institutional, social, cultural, and economic factors of modern living. Prerequisite: Junior standing.

Summer, 1968, and alternate years — 3 hours

Sociology 423. AMERICAN MINORITY PEOPLES. A study of the various minority groups in the United States and their sociological significance in our national group and culture. The Negroes, Indians, Orientals, Mexicans, Jews, foreign-born, and war refugees are studied. The history and present status of American immigration policy are also considered.

Fall, 1967, and alternate years — 3 hours

VIII. Administration and Personnel

Trustees

Administration

Faculty

Faculty Committees

BOARD OF TRUSTEES

TERM EXPIRING 1967

Mr. Gus Burns, Winslow.....	Business
Rev. Jack Gullledge, Tucson.....	Minister
Rev. C. L. Pair, Tucson.....	Minister
Rev. Don Reed, Phoenix.....	Minister
Dr. Vaughn Rock, Phoenix.....	Minister
Mr. Ray Thomas, Havasu City.....	Real Estate
Mr. Cecil Wood, Phoenix.....	Business
Rev. Henry Wooten, Ajo.....	Minister

TERM EXPIRING 1968

Mr. Everett Brown, Tempe.....	Banker
Mr. Calvin Ethington, Casa Grande.....	Rancher
Mr. Lee Faver, Buckeye.....	Rancher
Rev. T. P. Lott, Tucson.....	Minister
Mr. Harold McGhee, Tucson.....	Insurance
Mr. Henry Pearson, Flagstaff.....	Range Scientist
Mr. T. D. Rice, Las Vegas, Nevada.....	Real Estate
Rev. William L. Stone, Tucson.....	Minister

TERM EXPIRING 1969

Rev. Jess Baker, Buckeye.....	Minister
Mr. David Butler, Tucson.....	College Administrator
Mr. F. A. Carlton, Phoenix.....	Business (Retired)
Rev. John Davis, Camp Verde.....	Minister
Mr. Wilburn Ferguson, Tempe.....	Engineer
Mr. Dick Groves, Willcox.....	Postmaster
Dr. Thomas Newman, Phoenix.....	Dentist
Mr. William E. Pierce, Prescott.....	Insurance

Ex-Officio (President of the Convention)

Rev. M. E. McGlamery, Tucson

ADMINISTRATION

OFFICERS:

Arthur K. Tyson, B.A., M.A., LL.D.....	President (1966)
B.A., Baylor University	
M.A., Southern Methodist University	
LL.D., East Texas Baptist College	
Additional Graduate Study: Louisiana State University	
Robert S. Sutherland, B.A., M.A., Ed.D.....	Dean and Registrar (1956)
B.A., Union University	
M.A., Murray State University	
Ed.D., Arizona State University	
Additional Graduate Study: Northwestern University; Memphis State University;	
University of Mississippi	
Harry D. Kent, B.B.A., M.B.E.....	Business Manager (1955)
B.B.A., Baylor University	
M.B.E., North Texas State University	
Additional Graduate Study: Southern Methodist University; Arizona State University	

GENERAL ADMINISTRATIVE STAFF:

Oral William Brown, B.S., M.A.Ed., M.L.S.....	Acting Librarian (1965)
B.S., Stout State University	
M.A.Ed., Arizona State University	
M.L.S., University of Oklahoma	
Additional Graduate Study: Arizona State University	
James E. Carroll, B.A., B.D.....	Dean of Students (1963)
B.A., Howard Payne College	
B.D., Golden Gate Baptist Theological Seminary	
Fayly Cothorn, B.A., M.R.E.....	Associate in Public Relations (1965)
B.A., Mary Hardin-Baylor College	
M.R.E., Southwestern Baptist Theological Seminary	
Charles M. Cooke, B.S., M.D.....	College Physician (1952)
B.S., University of Arizona	
M.D., University of Utah	
Mrs. Clara J. Gilmore, R.N.....	College Nurse (1961)
R.N., St. Joseph's Hospital, Alton, Illinois	
Mrs. Clara Shirley.....	Manager of the College Book Store (1965)

OTHER ADMINISTRATIVE PERSONNEL:

Mrs. Pat Beery.....Assistant in the Library
 Mrs. Leola Brown.....Assistant Registrar
 Mrs. Jean Bush.....Assistant in the Business Office
 Mrs. Mary Carroll.....Assistant in the Registrar's Office
 Mrs. Lucy Conley.....Secretary in Public Relations
 Mrs. Zula Hill.....Assistant in the Bookstore
 Mrs. Pauline Holcek.....Secretary to the Business Manager
 Mrs. Norma Ledbetter.....Secretary to the Dean of the College
 Mrs. Clara McClung.....Director of Women's Dormitories
 Mrs. Della May.....Assistant in the Library
 Miss Beulah Shipp.....Bookkeeper in the Business Office
 Mrs. Clara Shirley.....Director of Men's Dormitories

CAFETERIA PERSONNEL:

Mrs. Clara Burghout, Manager	Mrs. Margie Morad
Mrs. Nonda Fahy	Mrs. Rosa Stotts
Mrs. Katherine Jarrell	Mrs. Billie Switzer

STUDENT CENTER PERSONNEL:

Mrs. Hallie Nichols, Acting Manager
 Mrs. Lottie Pelham

MAINTENANCE:

Mr. W. A. Schmidt, Superintendent	Mr. Hallie Nichols
Mr. Iven R. Cooper	Mr. W. B. Pelham

FACULTY OF INSTRUCTION

Betty L. Beck, B.A., M.A., Ph.D.Professor of English;
 Head of the Division of Humanities;
 Chairman of the Department of English and Speech (1949)

B.A., DePauw University
 M.A., University of Oklahoma
 Ph.D., University of Oklahoma

Woodrow Berryhill, B.S., M.S.Associate Professor of Education (1963)
 B.S., Central State College
 M.S., Oklahoma State University
 Doctoral Candidate: Arizona State University

David Burl Brazell, B.S., M.S., Ed.D.*Professor of Physical Education;
 Chairman of the Department of Health and Physical Education;
 Director of Athletics (1951)

B.S., Arkansas State Teachers College
 M.S., University of Arkansas
 Ed.D.*, Arizona State University

Mildred Brazell, B.A., M.A., Ed.D.* Professor of Physical Education (1952)
 B.A., Arkansas State Teachers College
 M.A., Arizona State University
 Ed.D.,* Arizona State University

Ralph Terry Bryan, B.S., M.A.Associate Professor of English (1959)
 B.S., M.A., Arizona State University
 Doctoral Candidate: University of Colorado

James E. Carroll, B.A., B.D.Assistant Professor of Religion (1963)
 B.A., Howard Payne College
 B.D., Golden Gate Baptist Theological Seminary

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

Macon Delavan, B.M.Ed., M.M.Associate Professor of Music;
 Chairman of the Department of Music (1966)
 B.M.Ed., Southwest Texas State College
 M.M., Westminster Choir College
 Additional Graduate Study: North Texas State University

*To be awarded May 26, 1967

- Marlene Delavan, B.M.Ed., M.M.....Instructor in Voice (1966)
 B.M.Ed., Southwest Texas State College
 M.M., Westminster Choir College
 Additional Graduate Study: North Texas State University
- Clarence R. Dyer, B.S., M.Ed., M.F.A.....Associate Professor of Art (1961)
 B.S., M.Ed., Kent State University
 M.F.A., Arizona State University
- John Howerton, B.A., M.A., B.D.....Assistant Professor of History (1967)
 B.A., Grand Canyon College
 M.A., Arizona State University
 B.D., Midwestern Baptist Theological Seminary
- Harry D. Kent, B.B.A., M.B.E.
 Associate Professor of Business and Economics;
 Acting Head of the Division of Applied Arts and Sciences (1955)
 B.B.A., Baylor University
 M.B.E., North Texas State University
 Additional Graduate Study: Southern Methodist University; Arizona State University
- John Benjamin LindseyAssistant Professor of Physical Education (1965)
 B.S., Grand Canyon College
 M.S., Arizona State University
 Additional Graduate Study: Arizona State University
- Esther M. McCarty, B.A.Instructor in Education (1965)
 B.A., Montezuma Baptist College
 Additional study: University of Arizona, William Jewell College, University of Hawaii, Central Missouri State College, University of Missouri at Kansas City, Arizona State University
- Paul McCarty, B.A., M.A., Ph.D.....Professor of Modern Languages;
 Chairman of Department of Modern Languages (1965)
 B.A., University of Arizona
 M.A., Ph.D., University of Wisconsin
- Phillip T. McClung, B.A., M.R.E., M.A., Ed.D.....Professor of Education;
 Head of the Division of Education and Psychology;
 Chairman of the Department of Education and Psychology (1966)
 B.A., Oklahoma Baptist University
 M.R.E., Golden Gate Baptist Theological Seminary
 M.A., Teachers College, Columbia University
 Ed.D., Teachers College, Columbia University
- Clarice Maben, B.A., M.A.....Assistant Professor of Social Studies (1949)
 B.A., Grand Canyon College
 M.A., Baylor University
 Additional Graduate Study: University of Arizona

- Henry M. Mann, B.S., M.A.....Assistant Professor of Biology (1951)
 B.S., Arkansas State College
 M.A., George Peabody College for Teachers
 Additional Graduate Study: Arizona State University; University of Arizona
- Gordon Psalmonds, B.A., M.R.E., D.R.E.....Professor of Religion (1954)
 B.A., William Jewell College
 M.R.E., D.R.E., Southwestern Baptist Theological Seminary
 Additional Graduate Study: Southwestern Baptist Theological Seminary
- Marjorie Psalmonds, B.A., B.S.M., M.R.E., M.A.
 Assistant Professor of Music (1960)
 B.A., William Jewell College
 B.S.M., M.R.E., Southwestern Baptist Theological Seminary
 M.A., Arizona State University
 Additional Graduate Study: Columbia University; Arizona State University; Washington University; Union Theological Seminary
- J. Niles Puckett, B.A., LL.B., Th.M., Th.D.....Professor of Religion;
 Head of the Division of Religion and Social Studies;
 Chairman of the Department of Religion (1949)
 B.A., Mississippi College
 LL.B., Cumberland University
 Th.M., Th.D., Southern Baptist Theological Seminary
- Roger L. Schmidt, B.A., M.A.....Assistant Professor of English (1962)
 B.A., Grand Canyon College
 M.A., Arizona State University
 Doctoral Candidate: Arizona State University
- Betty Scott, B.F.A.
 Instructor in the Department of English and Speech (1963)
 B.F.A., University of Arizona
 Graduate Study: University of Vienna; Akademie für Musik und Darstellende Kunst; University of Arizona
- Robert S. Sutherland, B.A., M.A., Ed.D.....Professor of English (1956)
 B.A., Union University
 M.A., Murray State University
 Ed.D., Arizona State University
 Additional Graduate Study: Northwestern University; Memphis State University; University of Mississippi
- Shih-Ming Wang, B.A., M.A.....Associate Professor of Science;
 Acting Head of the Division of Science and Mathematics;
 Chairman of the Department of Natural Science and Mathematics (1953)
 B.A., University of Shanghai
 M.A., George Peabody College for Teachers
 Additional Graduate Study: University of Arizona; Arizona State University; University of California at Los Angeles; University of Wyoming; Texas A. and M. University; New York University; Vanderbilt University; Emory 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

Bill R. Williams, B.S., M.A. in Ed. Assistant Professor of Mathematics (1965)

B.S., Grand Canyon College

M.A. in Ed., Arizona State University

Additional Graduate Study: Arizona State University; University of Illinois

Shirley Winn, B.A., M.A. Assistant Professor of Education (1966)

B.A., Arizona State University

M.A., Arizona State University

Additional Graduate Study: University of Hawaii; Arizona State University

Paul A. Youngs, B.A., B.D., Th.M., M.Nat.Sci.

Assistant Professor of Mathematics and Physics (1956)

B.A., University of Corpus Christi

B.D., Th.M., Southern Baptist Theological Seminary

M. Nat. Sci., Arizona State University

Additional Graduate Study: Texas A. and M. University; University of California at Davis

PART-TIME FACULTY

LeRoy Griffith, B.S.Ed., M.S.Ed., Ph.D. Associate Professor of Education

B.S.Ed., M.S.Ed., Drake University

Ph.D., State University of Iowa

Norma Jones, B.A., M.A. Assistant Professor of Modern Languages

B.A., Oklahoma Baptist University

M.A., University of Oklahoma

Additional Graduate Study: Arizona State University

Ben Putchkoff, B.A., M.A. Assistant Professor of Mathematics

B.S., University of Denver

M.A., Arizona State University

Coy Reeves, B.A., M.Ed. Assistant Professor of Education;
Director of Teacher Placement

B.A., East Texas State College

M.Ed., West Texas State University

Charles L. Strickland, B.A., M.D. Associate Professor of Biology

B.A., New Mexico A. and M.

M.D., Southwestern Medical School

FACULTY COMMITTEES

1967-68

The President of the College is a member of all committees. The first named member is chairman.

Administrative:

Administrative Advisory: Dr. Tyson, Mr. Bryan, Mr. Kent, Dr. Puckett, Dr. Sutherland

Academic:

Academic Affairs: Dr. Psalmonds, Mrs. Brown, Mr. Schmidt, Dr. Sutherland, Miss Weller

Curriculum: Dr. Puckett, Dr. Beck, Mr. Brown, Mr. Kent, Dr. McClung, Dr. Sutherland, Mr. Wang.

Chapel: Mr. Howerton, Mrs. Corley, Mr. Delavan, Miss Scott, Miss Winn.

Scholarships: Mr. Youngs, Mr. Kent, Dr. McCarty

Student Affairs:

Counseling: Mr. Bryan, Mr. Carroll, Dean of Women, Miss Winn, Mrs. Cothorn.

Dean's Council: Dr. Sutherland, Mr. Carroll, Dean of Women

Publications: Dr. Psalmonds, Miss Maben, Mr. Mann, Mr. Schmidt, Mr. Youngs

Student Life: Mrs. Brazell, Mr. Carroll, Mrs. Cothorn, Dean of Women, Mr. Williams, President of Student Association, President of Men's Dorm Council, President of Women's Dorm Council, President of Women Commuters Club, President of Men Commuters Club.



IX. Student Statistics

Graduates, 1965
1966

Enrollment Statistics, 1965-66
1966-67

GRADUATES

May, 1965

BACHELOR OF ARTS

Albert J. Baker, Fresno, California
 Mabel Johnson Erickson, Phoenix, Arizona
 Homer E. Keist, Continental Divide, New Mexico
 Anthony Wayne McKee, Phoenix, Arizona
 Walter C. Manderson, Mobile, Alabama
 Craig Alan Mooney, New Castle, Pennsylvania
 Richard B. Young, Phoenix, Arizona

BACHELOR OF SCIENCE

Peggy Lynn Allaire, Tucson, Arizona
 Melvin Clarence Anthony, Phoenix, Arizona
 Sharon Rose Austerman, Glendale, Arizona
 Karen Lee Bandle, Richfield, Utah
 Betty Jane Bowers, Phoenix, Arizona
 Roberta Lee Boydston, Phoenix, Arizona
 Phillip Brown, Sweetwater, Texas
 James Bruce Caldwell, Salome, Arizona
 Teddy D. Cantrell, Phoenix, Arizona
 Doris Ann Carlton, Glendale, Arizona
 Mary Helen Carroll, Glendale, Arizona
 Samuel Barnett Casey, Phoenix, Arizona
 William Kenneth Crough, Phoenix, Arizona
 James A. Daly, Phoenix, Arizona
 Rose Coombes Darr, Phoenix, Arizona
 Myrna Lou Davis, Longview, Washington
 Mary Sherwood Dooley, Phoenix, Arizona
 Anna Lee Druding, Phoenix, Arizona
 David Leroy Durham, Phoenix, Arizona
 Suzanne Mulkey Fossum, Casa Grande, Arizona
 Bertha J. Gebler, Phoenix, Arizona
 Joyce Biddinger Gilliam, Indianapolis, Indiana
 Carl Thomas Godsoe, Phoenix, Arizona
 Rella Jean Gray, Phoenix, Arizona
 Shirley Ann Guess, Morenci, Arizona
 Anne Louise Hahn, Tacoma, Washington
 Benton P. Hale, Phoenix, Arizona
 Russell K. Hall, Hallsville, Texas
 Douglas Oren Harden, Phoenix, Arizona
 Rhonda Adams Jenkerson, Tucson, Arizona
 Gary L. Johnson, Phoenix, Arizona
 Judy Lee Kellison, Casa Grande, Arizona
 Wilbur Dean Kirkland, Casa Grande, Arizona
 Margaret Mary Kountz, Phoenix, Arizona
 Margaret Jean Hawkins Lamb, Carmi, Illinois
 Mary Louise Lanier, Anchorage, Alaska
 Joseph Alan McCarthy, Phoenix, Arizona
 Blanche McDonald, Phoenix, Arizona
 Beverly Butler McLeroy, Montecello, Utah
 Pat D. Mierkey, Schofield, Wisconsin
 Joan Elaine Morris, Alexandria, Virginia
 Muriel Dee Murray, Phoenix, Arizona
 Linda Mae New, Phoenix, Arizona
 Noel T-kashi Omura, Osaka, Japan
 Wendy Lee Ong, Phoenix, Arizona
 Allen Ray Pile, Phoenix, Arizona
 Ronald George Polk, Phoenix, Arizona
 Jimmy Larue Richards, Columbus, Georgia
 Julie Schmidt, Zion, Illinois
 Edward Lee Smith, Phoenix, Arizona
 Ruth Jeanette Smith, Warren, Arizona
 Claude Douglas Stephens, Buckeye, Arizona
 Alex Noriega Villa, Buckeye, Arizona
 Johnny M. Wood, Phoenix, Arizona
 Lalah May Worth, Phoenix, Arizona

August, 1965

BACHELOR OF ARTS

Randall Warren Donahoo, Phoenix, Arizona
 Jack H. Dutton, Phoenix, Arizona
 Melvin Joseph Ellsworth, San Manuel, Arizona
 Harold Ward Hambley, Phoenix, Arizona
 Ernest Timothy Hart, Willcox, Arizona
 Jerry Lynn Jackson, Casa Grande, Arizona
 Harold Delano Jenkerson, Winslow, Arizona
 Gerald Dale Mulanax, Murfreesboro, Tennessee
 George Joseph Schilling, Phoenix, Arizona
 Gary Van Horn, Tucson, Arizona

BACHELOR OF SCIENCE

Gary B. Aull, Springfield, Illinois
 Mary Lee Blann, West Seattle, Washington
 Sharon Lorraine Braughton, Willcox, Arizona
 Emma Grace Cain, Montrose, Colorado
 Sandra Jean Donahoo, Phoenix, Arizona
 Bill C. French, Eloy, Arizona
 Faye Susanne Gerlach, Nogales, Arizona
 Wilson Marshall Hightower, Phoenix, Arizona
 Donald Dean Hopper, Casa Grande, Arizona
 Douglas C. McClaskey, Grand Junction, Colorado
 Joe Calvin McLeroy, Phoenix, Arizona
 Donald J. McMillan, Glendale, Arizona
 Nancy Lee Parker, Phoenix, Arizona
 Betty A. Peters, Phoenix, Arizona
 Barbara Kathryn Riddle, Glendale, Montana
 W. Alvin Risinger, Buckeye, Arizona
 Ruth Jeanette Smith, Bisbee, Arizona
 Ramona D. Glassford Strain, Phoenix, Arizona
 Mary Louise Tobey, Phoenix, Arizona
 John Bylund Will, Glendale, Arizona
 Exel Dyar Winn, Phoenix, Arizona
 Marlys Ann Woodruff, Phoenix, Arizona

GRADUATES

May, 1966

BACHELOR OF ARTS

Kelly R. Bane, Zanesville, Ohio
 William Donald Collins, Phoenix, Arizona
 Carroll Joanne Goldie, Laveen, Arizona
 Carol Lynn Greene, Glendale, Arizona
 Harriet Huntley Hondrum, Phoenix, Arizona
 Jimmie Tran Jackson, Litchfield Park, Arizona
 Madalyn Mayotte, Prescott, Arizona
 Doyle Jay Orr, Lead, South Dakota
 Eschol Owenby, Blue Ridge, Georgia
 Wesley E. Pruitt, Laveen, Arizona
 Virginia Reba Pryor, Wichita, Kansas
 Robert Winston Wahlstrom, Phoenix, Arizona

BACHELOR OF SCIENCE

Paul E. Atkinson, Jr., Phoenix, Arizona
 Frederick Leigh Barnes, Green Bay, Wisconsin
 David A. Bonham, Phoenix, Arizona
 Lena Joyce Brower, Glendale, Arizona
 Stephen John Bush, Whitehouse Station, N. J.
 Mildred Ann Cooksley, Miami, Arizona
 Conway Crunk, Phoenix, Arizona
 Horace A. De Francesco, Phoenix, Arizona
 Richard D. Donahue, Phoenix, Arizona
 Gary D. Estes, Buckeye, Arizona
 Frederick Lee Faver, Buckeye, Arizona
 Laverne Elliff Fisher, Prescott, Arizona
 Marion Virginia Fisher, Phoenix, Arizona
 James Paul Fossum, Phoenix, Arizona
 James Edward Godfrey, Buckeye, Arizona
 Larry Bruce Goodner, Morenci, Arizona
 Terrence Francis Hanley, Phoenix, Arizona
 Willetta Mae Henderson, Phoenix, Arizona
 Larry Frank Hill, Flagstaff, Arizona
 Phillip Paul Hudson, Fairfax, Oklahoma
 Genevieve E. Keist, Continental Divide, N. M.
 June Collins McGill, Glendale, Arizona
 Frances Gooden McLeroy, Glendale, Arizona
 Gary George Mendenhall, Phoenix, Arizona
 Ernest E. Montez, Phoenix, Arizona
 Audrey Bernice Nolan, Phoenix, Arizona
 Mary England Osbon, Phoenix, Arizona
 Suella Owen, Sun City, Arizona
 Jane Anwyll Rehrer, Phoenix, Arizona
 Joseph A. Rosania, Whitehouse Station, N. J.
 Ronald George Sipus, Show Low, Arizona
 Elizabeth Ann White Smith, Phoenix, Arizona
 Lynn Earl South, Jr., Eloy, Arizona
 Faye C. Sykes, Phoenix, Arizona
 Barbara Ann Meairs Vick, Medicine Lodge, Kan.
 William H. Warren, Eloy, Arizona
 David George Watkins, Phoenix, Arizona
 Judith Ann Whitlock, Glendale, Arizona
 Murle Oland Williams, Phoenix, Arizona

August, 1966

BACHELOR OF ARTS

Charlene Copeland Auten, Phoenix, Arizona
 William Worsham Clark, Phoenix, Arizona
 Herschell Fortner, Jr., Prescott, Arizona
 Gene Gary Gruver, Huron, South Dakota
 Robert Reid Lunsford, Jr., Phoenix, Arizona
 Charlie R. Mayes, Harlan, Kentucky
 Sharon Ann Reiter, Munster, Indiana
 Vergal Ray Smith, Apache Junction, Arizona

BACHELOR OF SCIENCE

Bert L. Case, Phoenix, Arizona
 Chester Lane Daniel, Phoenix, Arizona
 Ronald Keith Foubert, Phoenix, Arizona
 Beryl Elaine Haugebak, Northwood, Iowa
 Marjorie A. Hembd, Phoenix, Arizona
 Josie Mae Herndon, Wellton, Arizona
 Betty M. Hersey, Phoenix, Arizona
 Lawrence Jonathan Hudson, Glendale, Arizona
 Opal L. McKee, Phoenix, Arizona
 Lois Grace Martin, Flagstaff, Arizona
 Charles Edward Mooney, Phoenix, Arizona
 James Morgan Pace, Phoenix, Arizona
 Joe D. Weaver, Phoenix, Arizona
 Janet Marie Thurston White, Phoenix, Arizona
 James David Wyatt, Phoenix, Arizona

ENROLLMENT STATISTICS

June 1, 1966-May 31, 1967

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Freshmen	110	78	188
Sophomores	76	47	123
Juniors	71	44	115
Seniors	68	47	115
Auditors	16	38	54
Specials	171	290	461
Totals	512	544	1056

DENOMINATIONS REPRESENTED

BY STUDENTS ENROLLED

Assembly of God	Holiness
Baptist	Independent
Bible	Jewish
Catholic	Latter-Day Saints
Christian Reform	Lutheran
Christian Science	Mennonite
Church of Christ	Methodist
Church of God	Missionary
Church of the Brethren	Nazarene
Congregational	Non-Denominational
Covenant	Pentecostal
Disciples of Christ	Presbyterian
Dutch Reformed	Protestant Church of England
Episcopal	Reformed Judaism
Evangelical Free	Reorganized Latter-Day Saints
Four-Square	Russian Orthodox
Free Methodist	Seventh Day Adventist
Friends	Unitarian
Full Gospel	Unity
Greek Orthodox	

STATES REPRESENTED BY STUDENTS ENROLLED

Alabama	Kansas	Oklahoma
Alaska	Massachusetts	Ohio
Arizona	Minnesota	Oregon
California	Missouri	Pennsylvania
Colorado	Montana	Tennessee
Florida	Nevada	Texas
Georgia	New Jersey	Utah
Hawaii	New Mexico	Virginia
Idaho	New York	Washington
Illinois	North Carolina	Wisconsin
Indiana	North Dakota	Wyoming
Iowa		

FOREIGN COUNTRIES REPRESENTED

BY STUDENTS ENROLLED

China	Japan	Liberia	Lebanon
Indonesia	Korea	Canal Zone	Nova Scotia



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THE TASK AHEAD

Grand Canyon College has entered a new period in its development. The growth in day and evening enrollment demands long-range expansion. Facilities for student and faculty activities, including instruction, library, and residences as well as a campus center are being planned in the development program of the College.

Many opportunities are available for donors who wish to support the institution. The College welcomes gifts designated for general purposes, or for such other purposes as the donor may specify. Gifts may be in the form of a memorial to a person whom the donor designates or to the donor himself.

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"I hereby give and bequeath to Grand Canyon College, Phoenix, Arizona 85017, the sum of..... dollars to be used by the Board of Trustees in whatever way will best advance the interests of Grand Canyon College."

This form may be modified to permit the gift to be one of securities, properties, or other valuables. If desired, the bequest may be designated for specific purposes, such as scholarships, library, building fund, permanent endowments, etc. The President of the College is ready to discuss projects in detail.

Gifts to Grand Canyon College, incorporated under the laws of the State of Arizona as a nonprofit institution, are exempt, as provided by law, from Federal and State income taxes, and are free from whatever inheritance or succession taxes ordinarily imposed. Gifts to the College are not reduced by such taxes.



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