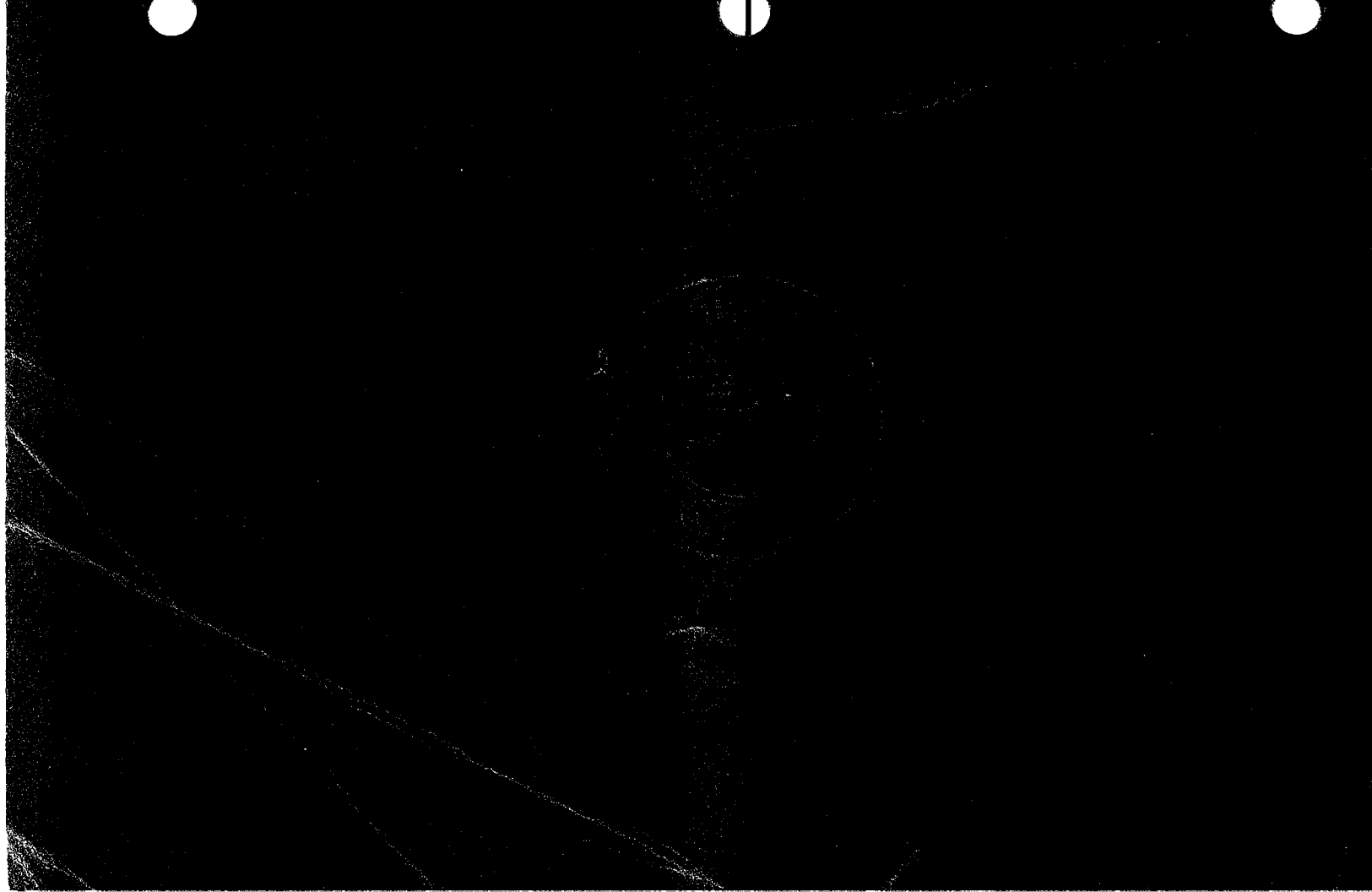




Chancellor
Cary
Collins



VOLUME XV

MAY, 1965

NUMBER 2

BULLETIN

Grand Canyon College

3300 West Camelback Road
PHOENIX, ARIZONA

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

*A Four-Year College
Emphasizing the
Liberal Arts*

GRAND CANYON COLLEGE IS OWNED AND OPERATED BY
THE ARIZONA SOUTHERN BAPTIST CONVENTION



CATALOG ISSUE
1965-66 1966-67

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, is 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.



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 purpose 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 and who desire to enter such fields of human endeavor as teaching, business, law, medicine, nursing, and the ministry and other church related vocations.

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

Director of Religious Activities

Housing

Dean of Students

Counseling

Dean of Students

Student Association

Faculty Adviser of Student Association

Publicity Materials, Student Publications

News Bureau

Teacher Training

Director of Teacher Training

Veterans Affairs

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.

Table of Contents

ACADEMIC CALENDAR	6
I. GENERAL COLLEGE INFORMATION	9
II. FINANCIAL INFORMATION	21
III. STUDENT LIFE	35
IV. ADMISSION POLICIES AND PROCEDURES	49
V. GENERAL ACADEMIC REGULATIONS	57
VI. GRADUATION REQUIREMENTS	67
VII. DIVISIONS OF INSTRUCTION AND DESCRIPTIONS OF COURSES	77
VIII. ADMINISTRATION AND PERSONNEL	151
IX. STUDENT STATISTICS	161
X. INDEX	165

ACADEMIC CALENDAR — FALL SEMESTER

1965 - 66	1966 - 67
Faculty & staff retreat at Prescott, Friday.....	September 2
Faculty meetings & faculty committee meetings.....	September 6, 7
Dormitories open to freshmen, Thursday.....	September 8
Dormitories open to upperclassmen, Saturday.....	September 10
Freshman Orientation & tests, Friday & Saturday.....	September 9, 10
Registration of sophomores & juniors, 8:00-4:00, Monday.....	September 12
Registration of seniors & transfers, 8:00-4:00, Tuesday.....	September 13
Registration of freshmen, 8:00-4:00, Wednesday.....	September 14
Instruction begins, 7:40 a.m., Thursday.....	September 15
Last day of registration for credit, Thursday.....	September 22
Ministerial Orientation, Wednesday.....	September 28
Reports of unsatisfactory progress due in the Registrar's Office, Monday.....	October 17
Midsemester grades due in the Registrar's Office by noon, Friday.....	November 18
Last day courses may be dropped without penalty, Monday.....	November 21
Thanksgiving holidays.....	November 24-27
Christmas holidays.....	December 17 - January 1
Final examinations for Fall Semester.....	January 16-20
Grade reports due in the Registrar's Office by 5:00 p.m., Friday.....	January 20

[illegible]

ACADEMIC CALENDAR — SPRING SEMESTER

1965 - 66

1966 - 67

Dormitories open for incoming students, Tuesday	January 25	January 24
Tests & conferences for freshmen & transfers, Wednesday	January 26	January 25
Registration of juniors, seniors, & sophomores, 8:00-4:00, Thursday	January 27	January 26
Registration of freshmen & transfers, 8:00-4:00 Friday	January 28	January 27
Instruction begins, 7:40 a.m., Monday	January 31	February 6
Last day of registration for credit, Monday	February 7	February 30
Reports of unsatisfactory progress due in the Registrar's Office, Friday	March 4	March 3
Midsemester grades due in the Registrar's Office by 5:00 p.m.	April 7	April 7
Spring holidays, Friday through Tuesday	April 8-12	March 24-28
Last day courses may be dropped without penalty	April 13	April 11
Senior grade reports due in the Registrar's Office by noon, Thursday	May 26	May 25
Baccalaureate Service, 3:00 p.m., Sunday	May 29	May 28
Commencement, 8:00 p.m., Monday	May 30	May 29
Final examinations	May 23-27	May 25-31
Grade reports due in the Registrar's Office by noon	May 27	May 31

SUMMER SESSION

1966

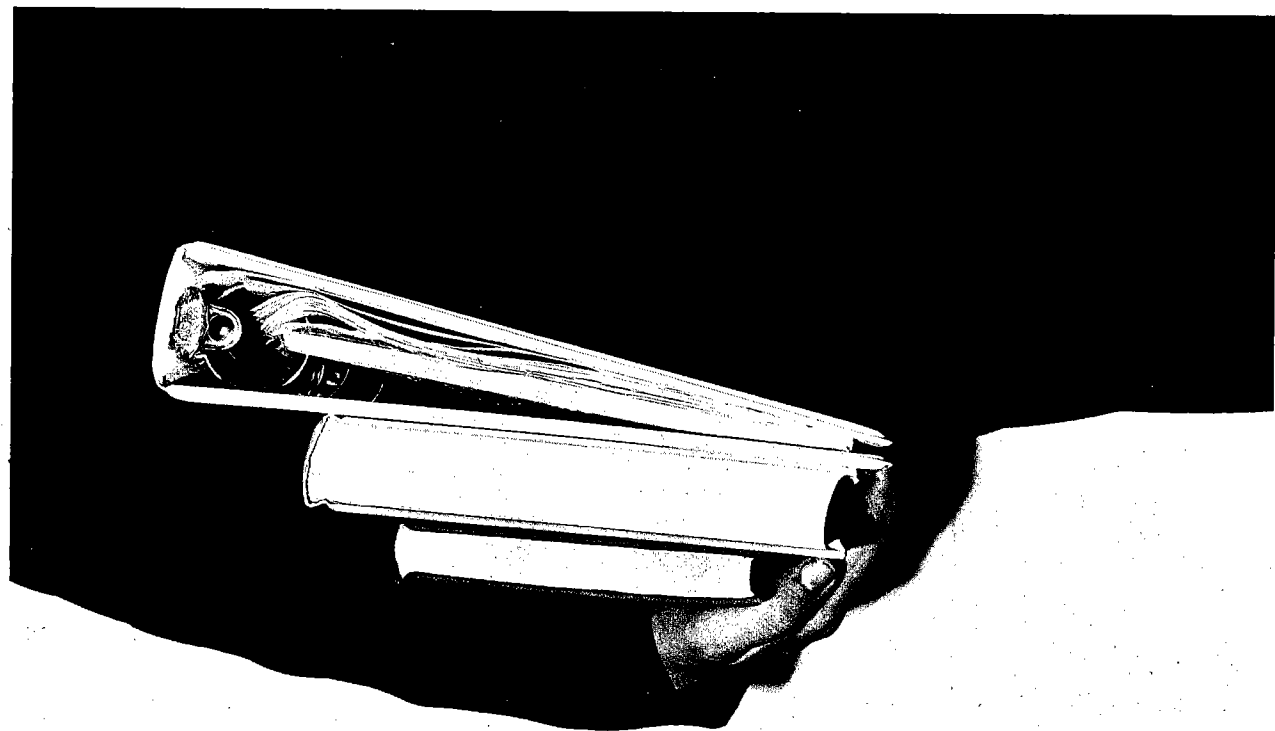
1967

Pre-session	June 6-10	June 5-9
First Term	June 13 - July 16	June 12 - July 15
Second Term	July 18 - August 19	July 17 - August 18
Summer Commencement	August 20	August 19
Post-session	August 22-26	August 21-25

1966

1967

JULY							OCTOBER							JANUARY							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29	30	31					29	30	31					29	30	31				
AUGUST							NOVEMBER							FEBRUARY							MAY						
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27
29	30	31					27	28	29	30				26	27	28					28	29	30	31			
SEPTEMBER							DECEMBER							MARCH							JUNE						
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	4	5	6	7	8	9	10
15	16	17	18	19	20	21	15	16	17	18	19	20	21	11	12	13	14	15	16	17	11	12	13	14	15	16	17
22	23	24	25	26	27	28	22	23	24	25	26	27	28	18	19	20	21	22	23	24	18	19	20	21	22	23	24
29	30	31					27	28	29	30	31			26	27	28	29	30	31		25	26	27	28	29	30	31



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 in a Christian environment. At the same time, a limited number of vocational courses, such as business and education, are offered.

GOVERNING BODY

The College is owned and operated by the Arizona Southern Baptist Convention and 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 needed and 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 under Chapters 31, 33, and 35, 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 82 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 expression 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 Session

Apprentice teaching schedules are to be arranged individually in advance with the Director of Teacher Training.

Persons who are college graduates or persons who have 90 or more hours of college work and who have had teaching experience may enroll for 6 hours of elementary apprentice teaching. Prerequisite: 8 hours of Education, including Elementary Education 343, Elementary School Curriculum and Techniques (Language Arts), and Elementary Education 353, Elementary School Curriculum and Techniques (Social Studies, Science, and Arithmetic).

Apprentice teachers must file complete transcripts and a health certificate.

Housing

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

Expenses

Tuition for the 1965 summer session will be \$15.00 per semester hour. Room rent in the dormitory for each five weeks period will be \$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. Dr. Eugene N. Patterson became president of the College on September 1, 1959, and led in the continued growth and expansion of the institution. He resigned, effective March 31, 1965. Dr. Charles L. McKay was

named to serve as acting president. 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

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 Greyhound and Continental Trailways 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 low-roofed, 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.

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 33,000 books and bound periodicals. Approximately 530 magazines and journals are received currently.

Music Library

The Branner 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 Branner, 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 559 albums which contain a total of 5,665 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. An addition to be completed by fall of 1965 will accommodate an additional 60 women.

Kaibab Hall

Kaibab Hall, named for Kaibab Forest, was completed in 1963. It is similar to Bright Angel Hall and is used as a residence hall for 60 men. Additional men reside in Kaibab Annex, a portion of one of the original residence halls.

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 bimonthly 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

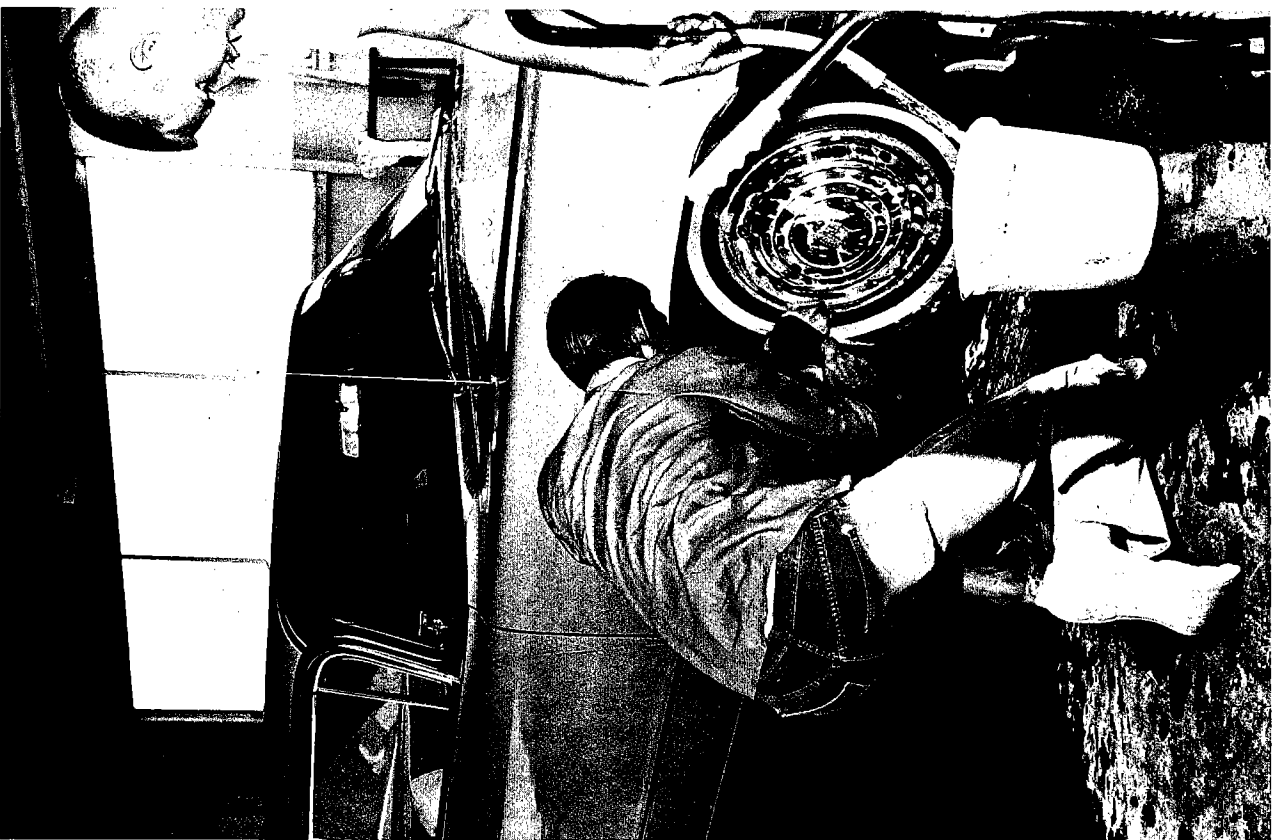
Student Expenses

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.

All EFT plans include insurance on the life of the parent and the student, total and permanent disability insurance on the parent, plus trust administration in event of the parent's death or disability. 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 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 WILL NOT BE 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 accounts have not been cleared by the student may be issued at the discretion of the Business Manager. There will be 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 (six hours or less).....	\$ 15.00
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.)	
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)	30.00
One half-hour lesson per week	
(One semester hour credit)	20.00

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 will be charged late registration fee regardless of the date when registration was begun.)	
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
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
Returned checks, each.....	2.00

Evening School Charges

Tuition, per semester hour (six hours or less).....	\$ 15.00
Tuition, per semester hour (seven hours or more).....	23.00
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
Room, per term.....	40.00
Board, per term.....	60.00
Student services fee, per term.....	2.50
Parking fee, per term.....	1.50

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 entering Grand Canyon College for the first time. Part-time students taking less than seven hours are not required to pay this fee.

Dormitory room reservation deposit..... (Will be applied toward room rent)	10.00
---	-------

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 will remain in effect as long as the student plans to continue his studies and will be 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 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 \$150.00 per semester, which will be 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 will be charged at the rate of \$1.25 per day for those students staying in the dormitories at times other than when the school is officially in session. These charges will 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 will be charged for his board at the time he registers. The student may purchase either a five day or a seven day meal ticket. There will be 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 will miss meals occasionally. The cafeteria will be closed during the Thanksgiving, Christmas, and spring holidays. Board costs are as follows:

Five day meal ticket, per semester\$165.00
Seven day meal ticket, per semester 200.00

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

SCHOOL EXPENSES, PER SEMESTER:

	On Campus Students	Off Campus 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	150.00	
Board — Seven Day Meal Ticket	200.00	
Insurance (Medical & Hospitalization)	11.00	11.00
Breakage Deposit (first semester only — refundable)	10.00	10.00
Post Office Box Rental	.50	
Sub Total	\$754.50	\$404.00
Books and Supplies (estimate)	40.00	40.00
Total	\$794.50	\$444.00
Total expenses for a continuing student	\$774.50	\$424.00

Students living on the campus must have hospitalization insurance. Those living off the campus are encouraged to take the insurance.

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 will be 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 will not be made by the Business Office 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 will be \$10.00 regardless of whether the student has attended classes or not. Minimum charge for withdrawing from the Evening School will be \$5.00. After the sixth week, refunds will not be made for dropping individual courses, but only for complete withdrawal.

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

All refunds due a student will be 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 will be obtainable on the next business day.

PART-TIME EMPLOYMENT

Every effort will be 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 will be 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. Campus jobs pay from 75c to \$1.00 per hour. 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, in which case a service charge will be added to the note balance. 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 may not require a cosigner if the student is over 21. The Business Manager can supply further information.

Aldair Loan Fund. This fund, made available by Mr. & Mrs. Oliver Adair, is restricted to *freshmen* 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.

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

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.

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 one year after the student ceases to be a student. The loan may be repaid over a ten-year period. Interest is 3% per annum beginning one year after the student ceases to be a full-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. 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 be a *sophomore, junior, or senior* and must have at least a "C" average in his work in order to get this loan. The loan may be paid back over a three-year period beginning four months after the student ceases to be a full-time student.

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.

SCHOLARSHIPS AND TUITION GRANTS

1. A student will not be 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. 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 student must meet the College entrance requirements.
 3. A college graduate is not eligible.
 4. The student must not use tobacco or alcoholic beverages and must be deserving.
 5. A minister must have been licensed or ordained before the beginning of the semester or term for which the grant is made.
 6. A minister 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. A minister must attend monthly meetings of the Ministerial Association unless excused by the Chairman of the Department of Religion.
 8. Divorced ministers are considered individually.
- Requests for further information regarding these grants should be sent to the Director of Religious Activities.

Baptist State Convention Scholarships

Five scholarships to cover 50% of tuition will be awarded to Southern Baptist Students from each of the following state conventions: Colorado, New Mexico, Oregon-Washington, and Utah. Students selected to receive these scholarships must qualify for admission to Grand Canyon College under current admissions standards. The actual selection of the students will be made by the state executive secretaries and/or their executive boards.

Departmental Scholarships

A Departmental Scholarship in the amount of 35% 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.

Laura A. Wadsworth Scholarships in Education

Students will be recommended by the Education Department to the benefactors, Mr. and Mrs. Acord of Houston, Texas. Upon their approval, the scholarships will be awarded to sophomores, juniors, or seniors who have demonstrated their abilities at Grand Canyon College in academic performance as well as extracurricular activities.

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

Six grants for full payment of tuition are awarded for work on College publications:

- (1) Editor of *Canyon Trails*.
- (2) Business manager of *Canyon Trails*.
- (3) Editor of *Canyon Echoes*.
- (4) Business manager of *Canyon Echoes*.
- (5) School photographer.
- (6) Sports writer.

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

Opdyke Scholarships

The Opdyke Fund is designed for the education of mountain people and is awarded to worthy students who qualify. Five such scholarships 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:

Fifteen 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.

Woman's Missionary Union Scholarships

Four scholarships of \$175 per year will be 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, 316 West McDowell Road, Phoenix, Arizona 85003.

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

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 liquors are entirely forbidden.

Smoking 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 dismissal. Suspension means that the student's association with the College and with all College activities is severed for a specified period of time, perhaps for one or more semesters. Dismissal means final and permanent separation from the College.

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 may participate in any activity provided by the College except as restricted by intercollegiate regulations or regulations established for campus organizations. 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 as a special student or on academic probation is ineligible to hold office in any student organization until his special or probationary 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, and 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 levels.

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

Junior and senior 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*.

STUDENT PUBLICATIONS

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.

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

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

Shadow, 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, Chiricahua 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, a regular radio program "Campus Kaleidoscope," 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.

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 practicing 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 complimentary 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 hall as a home, and sometimes the interests of the individual himself, may demand that he change his place of residence.

The halls 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.

All off-campus places of residence for unmarried students who are living away from their parents must be approved by the College.

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.

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

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 may not 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 will be 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 who drops out of Grand Canyon College for a period of less than one year will not be required to supply additional health data.

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

Medical and hospitalization insurance is available at a cost of \$11.00 per semester.

Guidance

Educational and vocational guidance services are provided without special fee to all students. These services include entrance examinations, vocational interest tests, English placement tests, and psychological examinations. Test results are available to students upon request.

Additional 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.

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

All-School Picnic

State B.S.U. Convention

Harvest Festival

Tour to Grand Canyon

Spiritual Emphasis Week or Religious Focus Week

High School Senior Day

Thanksgiving Breakfast

Dramatic Presentations

Needy Children's Christmas Party

Christmas Dinner for International Students

Choralaire's Christmas Concert

Oratorio Society Performance

Homecoming

Spring Banquet

Choralaire's Tour

Mom and Dad's Day

Honors Day

Music Recitals

Southern Arizona Tour

Choralaire's 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



IV. Admission Policies & Procedures

General Requirements for Admission

Academic Eligibility for Admission

High School Units Required

Early Admission to College

Requirements Preliminary to Admission

Entrance Examinations

Readmission

Transfer Students

Foreign Students

Request for Admission Forms



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 a certificate of honorable dismissal.

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 over 18 years of age who is not a high school graduate and who shows evidence of maturity and ability to do college work may be accepted as a special student. 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.

Under certain conditions applicants who are unable to present the above units may be admitted.

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. (See page 55.)

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, including a statement of the rank of the applicant in his graduating class. The responsibility for requesting that the high school mail the transcript to the Registrar's Office rests with the applicant.
2. An Application for Admission on a form to be provided by the College.
3. A current Health Certificate from his physician on a form to be provided by the College.
4. Three personal references on forms to be provided by the College.
5. A recent photograph (snapshots are not acceptable). The date of photograph must be indicated.
6. A matriculation fee of \$10.00.
7. A room reservation deposit of \$10.00 and application for dormitory residence on a form furnished by the College (dormitory residents only).

ENTRANCE EXAMINATIONS

All beginning freshmen are required to have the American College Test (ACT). A prospective student should take the test in his senior year and request that test scores be sent to the Registrar's Office prior to admission. Prospective students should consult the catalog for the dates of the entrance examinations, including special examinations administered by Grand Canyon College. (See also page 54 for foreign student testing program.)

READMISSION

A student who has not maintained continuous attendance in Grand Canyon College is required to apply for readmission on a form provided by the Registrar's office. Transcripts of all additional work completed 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 who drops out of Grand Canyon College for a period of less than one year will not be 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 above), 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 of all credits from the institution last attended. An applicant is not 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 file an Application for Graduation (see page 70.)

A transfer student who does not present the required high school units from an accredited high school can be admitted only on the basis of excellent work transferred and on condition that a "C" average be maintained during the first two semesters at Grand Canyon College.

Grand Canyon College will accept 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 will be accepted from a junior college. The College will not recognize credits earned in a junior college after the student has completed 64 hours of college work.

Credit will not be 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 will be 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 on probation. (See page 64 for removal of probation.)

A student who has been asked to withdraw from another college because of poor scholarship or for any other reason will be accepted only if the period of dismissal 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 Policies Committee, be required to withdraw if this appears to be in the best interest of the student and/or the College.

FOREIGN STUDENTS

In cooperation with the National Association of Foreign Student Advisers, a Foreign Student Adviser has been designated at Grand Canyon College. A foreign student interested in enrolling should communicate with Mr. Shih-Ming Wang, Grand Canyon College, P.O. Box 11097, Phoenix, Arizona 85017.

A foreign student is required to carry medical and hospitalization insurance. Such insurance is available at moderate cost through the Business Office.

Foreign students entering Grand Canyon College will first be given a standardized language proficiency test, which will assist their advisers in determining how much academic load they should successfully handle and what English courses they may need. Other students with English as a second language may also be given this test.

REQUEST FOR ADMISSION FORMS

To the Prospective Student:

Please place a check mark preceding each of the following forms you would like the College to send to you.

_____ Application for Admission and Health Certificate

_____ Application for Readmission and Health Certificate

_____ Application for Room Reservation (See catalog for dormitory residence regulation, page 44.)

A limited number of employment opportunities on campus are available. Should you wish to apply, check below:

_____ Student Employment Application

See catalog information on available scholarships, loans, etc. Check below:

_____ Scholarship Application

_____ Loan Application

Name (Please print) _____

Address _____

City _____ State _____

Remove this form from the catalog and fold it for mailing. The College address is on the reverse side.

(Fold Here)

GRAND CANYON COLLEGE

P. O. Box 11097

3300 West Camelback Road

Phoenix, Arizona 85017

Office of the Registrar

(Fold Here)

V. General Academic Regulations

Definition of Semester Hour

Numbering of Courses

Classification of Students

Deferment of Courses

Grading System and Quality Points

Graduation with 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 and Dismissal

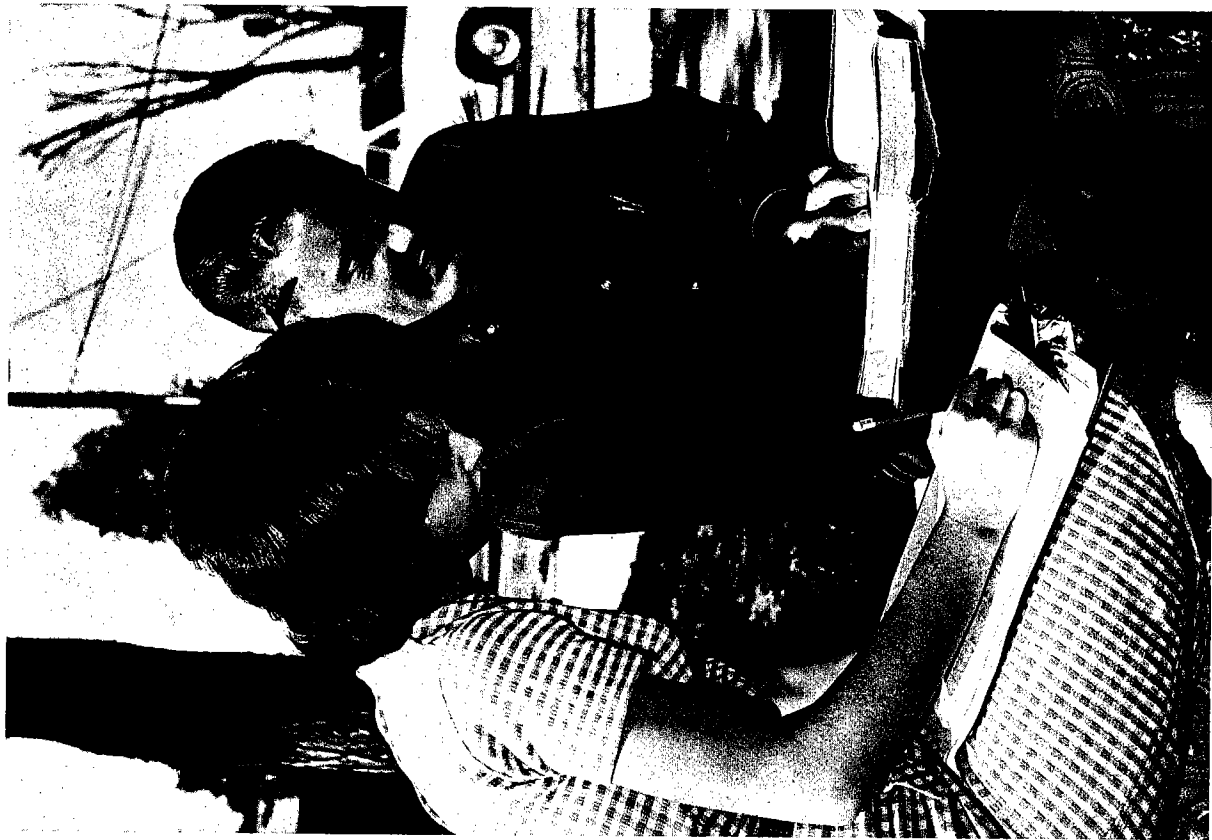
Academic Probation

Eligibility of 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 qualifying examination, and has filed an approved plan and application for graduation.

A student may not graduate at the end of a semester 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 will not normally be permitted to defer the taking of a required course. A student classified as a senior will not be 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	0
WP	Authorized withdrawal, passing	0
WF	Authorized withdrawal, failing	0
Cr	Credit, or requirement completed—no grade given	0

Incomplete work ("I") must be completed within the next semester; otherwise the incomplete grade will become "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" or "WF" were earned are not included in determining the number of semester hours.

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 will qualify for graduation *with distinction*;

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

An index of 3.80 to 4.00 will 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.

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. 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. It is expected that students will 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 boarding student will not be allowed to carry 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 will not be 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 to be allowed during a summer term is six semester hours unless one of the courses is a four hour course, in which case the maximum is seven hours in two courses.

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 16 hours of work.
2. A student working 30 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.

MAXIMUM NUMBER OF HOURS IN A SUBJECT

A regular student will not be 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 may not 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 may not drop a course after the end of the tenth week without receiving a grade of "F," except for very unusual reasons which will be evaluated by the Dean.

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

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 will be given the grade of "W/P" or "W/F," depending on his standing in each course at the time of his withdrawal. An unofficial withdrawal will result 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.

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

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

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 will be considered the grade of record as applied toward credit for graduation.

ACADEMIC SUSPENSION AND DISMISSAL

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 will automatically be 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 will automatically be 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 Policies 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 may not graduate at the end of a semester which he began with a cumulative grade index of less than 2.00.

A student who has been suspended must file an application for reinstatement. A student subject to academic suspension for the second time is normally dismissed and may be reinstated only under extraordinary circumstances upon recommendation of the Academic Policies Committee and approval of the Dean.

A person reinstated after academic suspension or dismissal remains on probation until he has removed his grade point deficiency and may be required to withdraw at any time if this appears to be in the best interest of the student and/or the College.

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" will be placed on academic probation.

A transfer student with less than a "C" average in work already attempted is admitted on probation.

A person reinstated after academic suspension or dismissal remains on probation until he has removed his grade point deficiency and may be required to withdraw at any time if this appears to be in the best interest of the student and/or the College.

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

A student on probation is not eligible for Special Abilities Scholarships.

A student on probation may not be classified as a senior scheduled for graduation (see page 59.)

ELIGIBILITY FOR ACTIVITIES

Any student may participate in any activity provided by the College except as restricted by intercollegiate regulations or regulations established for campus organizations. A student who is on the most recent unsatis-

factory grade list, however, must secure from the sponsor of a given activity permission to participate.

Any student entering or reentering on academic probation is ineligible to hold office in any student organization until his probationary status is removed.

CLASS ATTENDANCE

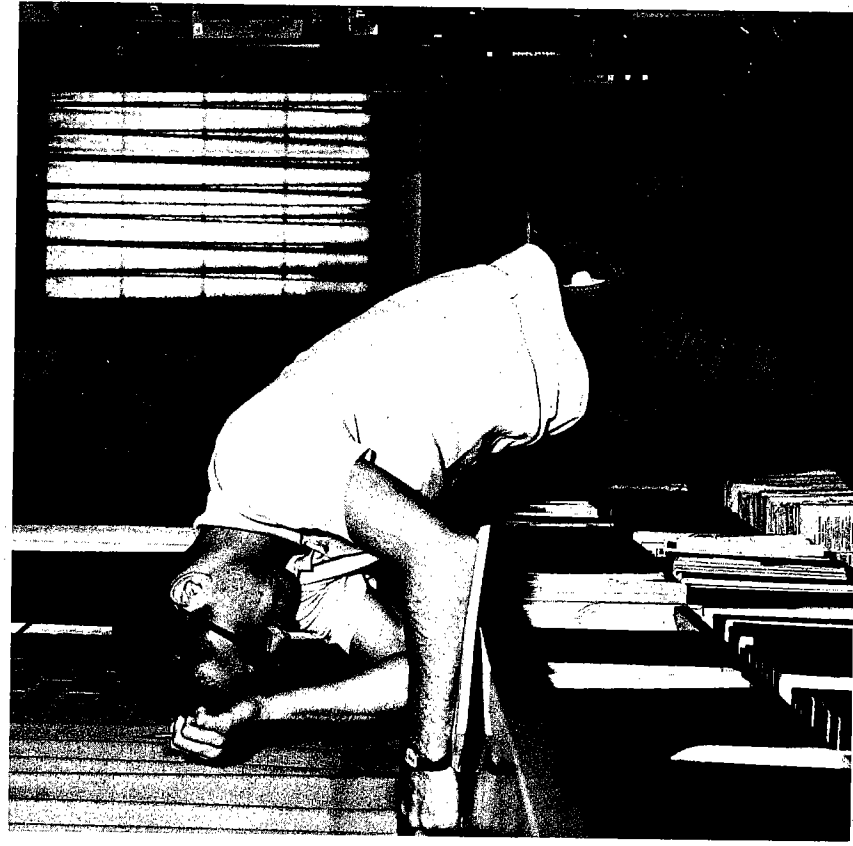
1. Students are expected to be regular and punctual in class attendance. The student alone assumes responsibility for all absences. Instructors will permit students to make up tests and other work when the absence was entirely unavoidable or authorized by the Dean of Students.
2. To secure permission 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 will be considered in assigning grades.
4. If a student is absent for any reason, authorized or unauthorized, more than four times the number of times the class meets per week, he will be given a grade of "F" for the course, regardless of the quality of his work in other respects. The instructor will notify the Registrar's Office in writing immediately after the maximum has been exceeded.
5. Absences on days immediately preceding or immediately following holidays must be authorized by the Dean of Students. All such absences will be recorded as double absences.
6. Class attendance records will be effective as of the first day of class meetings in each semester.

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 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 will be granted to majors in Behavioral Sciences, English, History, Music, Religion, and Social Studies.

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

CHOICE OF CATALOG

Ordinarily a candidate for a degree will meet the requirements as stated in the catalog in effect at the time of his first matriculation. If he graduates more than six years after this, however, he must meet the requirements of a later catalog. 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. If he has been out of 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 the year 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.

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 may not count toward his major any course in which he made a grade below a "C."

ENGLISH USAGE. Each student classified as a junior by the Registrar's Office will take tests provided by the English Department. In case of failure, the student will retake the tests during the following semester. In case of a second failure, the student will be required to enroll in English 110 and successfully complete the course. 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 qualifying

examination at the time of his enrollment and, in case of a failure, enroll in English 110.

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 will be given for less than a year of language taken in college unless the student has 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 may not 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 graduate is expected to attend public commencement exercises. In extreme hardship cases a student may be excused, but only upon written request, which will be presented to the faculty for vote.

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 appreciation and understanding of the various areas of knowledge and creative endeavor which have contributed to the development of contemporary society and thus 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. Bible Elective (3 hours upper division)

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, 154, or 164

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 option (a), the general life science course (Biology 134), must take either Physics 214 or Chemistry 114 as his laboratory course.

A student electing Introduction to Physical Sciences (Physics 134) must take, for his laboratory course, one of the four Biology courses listed in the second option, (b).

IV. COMMUNICATIVE ARTS 16 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 communi-

cared human experiences and emotions by means of literature, art, and music.

A. English Literature and the Humanities I
(Humanities 215)

B. English Literature and the Humanities II
(Humanities 225)

V. PHYSICAL WELL-BEING 7 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 LANGUAGE 12 hours**

(Required for BA Degree. Mathematics or Science 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.

***One language only, to 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 shall 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 may not count in his major any course in which he made 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 will not be 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 an accumulative 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 will include a letter requesting permission to take the course and 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 will work, by the chairman of the department, and by the head of the division in which the course is taken. Final approval will be made by the Dean. Normal fees will 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, upon recommendation of his major professor, may apply to the Dean for permission to enter the special honors study program. The student's major professor will work with the curriculum committee to design this 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 to encourage the student to study in the widest pos-

sible 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	Fall	Spring
Bible 113, 123	3	Foreign Language	3** 3**
English 113, 123	3	Humanities 215, 225	5
History 113, 123	3	History 233	3
Life Science	4	Physical Sciences	4
Mathematics 113	3	Philosophy 213 or	3
Activity P.E.	1	Psychology 213	1
Electives	2*	Activity P.E.	1
	16	Electives	3
			16
Junior Year		Senior Year	
	Fall	Fall	Spring
Foreign Language	3**	Bible (upper division)	3
Health Education	3	Major, Minor, or	16
Major, Minor, or	13	Electives	13
Electives	—		—
	16		16

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

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

Suggested Program for Bachelor of Science Degree Candidates

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

Freshman Year		Sophomore Year	
Fall	Spring	Fall	Spring
Bible 113, 123	3	Philosophy 213 or	
English 113, 123	3	Psychology 213	3
History 113, 123	3	Humanities 215, 225	5
Life Science	4	History 233	3
Mathematics 113	3	Physical Sciences	4
Activity P.E.	1	Activity P.E.	1
Electives	3	Major, Minor, or	
	—	Electives	3
	16		—
			16
			16

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

*Persons majoring in Biology or Mathematics must include 12 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

Secretarial Program

Business

Economics

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*

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
Business and Economics not listed above	any 6 hours
(All persons majoring in Business are required to demonstrate the ability to use the typewriter effectively.)	

Requirements for a minor in Business*

Business 143	3 hours
Business 214	4 hours
Business 353	3 hours
Economics 213	3 hours
Elective in Business (upper division course)	3 hours
Other elective in Business	2 hours

Requirements for a minor in Office Administration*

Business 122 and 212	4 hours
**Business 163 and 223	6 hours
**Electives from Business 143, 243, 313, 383	9 hours

Requirements for a minor in economics*

Economics 213 and 223	6 hours
Electives in Economics	12 hours

*When this combination of major and minor is taken, it will be found that there is some duplication of requirements. A course involved in such duplication will be counted toward the minor only. The student will take sufficient electives in Business and Economics to satisfy the usual requirement of 30 hours in his major.

**A maximum of 6 hours credit in Typewriting and 6 in Shorthand will be allowed.

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 will 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 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	3
Bible 113 and 123 (Old and New Testament History)	3	3
Physical Education (Activity Course)	1	
Business 113 and 122 (Typewriting)	3	2
Business 153 and 163 (Shorthand)	3	3
Business 133 (Introduction to Business)	3	
Business 143 (Business Mathematics)		3
Business 243 (Business Machines)		3
	<u>16</u>	<u>17</u>

Second Year

	Semester Hours	
	Fall	Spring
Speech		3
Physical Education (Activity Course)	1	
Business 214 and 224 (Principles of Accounting)	4	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
	<u>16</u>	<u>16</u>

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. Prerequisite: Business 122. 3 hours of class weekly.

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, 1966, 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, 1966, and alternate years—3 hours

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

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 arrangements of the office, and office equipment and supplies. Prerequisite: Business 122 or equivalent.

Spring, 1966, 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,

Fall, 1965, and alternate years—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, 1965, 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 proprietorships, partnerships, and corporations. Prerequisite: Business 353.

Spring, 1966, 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, 1966, 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, 1967, 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, 1965, 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, 1965, 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, 1966, 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, 1966, 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, 1966, 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, 1965, 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.

Fall, 1965, and alternate years—3 hours



Division of
**EDUCATION AND
PSYCHOLOGY**

Department of Education and Psychology
Department of Health and Physical Education

Teacher Training Curricula
Education
Elementary Education
Secondary Education
Psychology
Library Science
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 to meet the following requirements: (1) a curriculum for certification of elementary teachers; (2) a curriculum for certification 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 Qualifying 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 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.

Temporary Elementary or Secondary 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, including a study of psychology, curriculum, methods of teaching, and apprentice teaching. In order to be granted a regular certificate such a person must complete, within five years, the requirements for regular certification. Normally this is an additional 9 hours of prescribed courses. Renewal of a temporary certificate is not granted.

Elementary Certificate

A person with a bachelor's degree may normally qualify for a regular elementary teaching certificate by completing 30 hours in professional courses during a special fifth year program designed by a committee of the College. If he plans to teach in Arizona, he must take an additional 9 hours of courses required for certification in Arizona. If a person's academic record is sufficiently good to admit him to graduate school, he may meet the requirements for a regular elementary certificate while earning 30 hours of credit toward a master's degree. (Grand Canyon College does not offer such graduate courses.)

Secondary Certificate

A person with a bachelor's degree may normally qualify for a secondary certificate in a manner similar to that described for elementary certificate except that a secondary certificate required 30 hours of credit in one's major teaching field and 18 hours in a minor subject area, any portion of which may be included in the work already completed toward his bachelor's degree. In addition, he must have a "C+" average in his major.

Courses for Elementary Certificate (Grades 1-9)

Requirements of Grand Canyon College:

Education 112

Education 313

Education 321

Education 413

Education 422

Elementary Education 328

Elementary Education 343

Elementary Education 353

Psychology 213

Psychology 382

2 hours

3 hours

1 hour

3 hours

2 hours

8 hours

3 hours

3 hours

3 hours

2 hours

30

Block
17 hrs

17 hrs

Additional requirements for *Arizona* certification:

Health Education 333

Government 213 (or 353 if taken as upper division)

Government 233 (or 363 if taken as upper division)

3 hours

3 hours

3 hours

39

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
<u>High School Education 323</u>	3 hours
High School Education 328	8 hours
High School Education 443	3 hours
Psychology 213	3 hours
Psychology 382	2 hours
	30

Additional requirements for Arizona Certification:

Health Education 333	3 hours
Government 213 (or 353 if taken as upper division)	3 hours
Government 233 (or 363 if taken as upper division)	3 hours
	39

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 Public School	Mingus Jr.-Sr. High School & Verde, #3
Alhambra Elementary School District	Mohawk Valley School, #17
Avondale Elementary School District	Murphy Elementary School District
Bisbee Public Schools	McNary Public Schools
Buckeye Elementary School District	Osborn Elementary School District
Cartwright Elementary School District	Palo Verde Elementary School District
Chandler Public Schools	Paradise Valley School District
Copper Belt School District	Peoria Public Schools
Cottonwood-Oak Creek Public Schools	Phoenix Elementary School District
Creighton Elementary School District	Phoenix Union High School District
Duncan Schools	Prestcott 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	Scottsdale Public Schools
Glendale Elementary School District	Sierra Vista School District, #97
Glendale Union High School District	Stanfield Public Schools
Globe Public Schools	Tempe Elementary School District
Holbrook Public Schools	Tolleson Grammar School
Isaac Elementary School District	Tolleson Union High School District
Liberty Elementary School District	Washington Elementary School District
Litchfield Park Elementary School District	Wickenburg Public Schools
Litcherton School District, Cashion, Arizona	Wilson Elementary School District
Madison Elementary School District	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 an apprentice teacher is delegated to 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. These evaluations are made independently.

EDUCATION

Education 110. REMEDIAL EDUCATION. Emphasis is placed on the mechanics of reading; involving eye-span, reading rate, attention and comprehension, reading vocabulary, word meaning, sentence meaning, paragraph meaning, and story value. The student is taught to read aloud with the eye-span in advance of oral reading. Tests are given for vision, depth perception, color vision, eye movements, reading rate, and reading comprehension. Frequent use of the dictionary is required, and individual remedial instruction is given each student
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.
Every semester—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—1 hour

Education 363. AUDIO-VISUAL AIDS. (Same as Religious Education 363) A survey of the field of projected and non-projected aids, with guided readings, discussions, demonstrations, and laboratory work
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—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. *Every semester — 8 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 — 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 — 3 hours*

Elementary Education 362. **CONSTRUCTION AND PLAY MATERIALS.** Designed to offer guided experience in the construction and use of play materials for educational purposes. The use of charts, counting devices, games, and dramatic materials is covered. *Every spring — 2 hours*

Elementary Education 373. **CHILDREN'S LITERATURE AND STORY-TELLING.** (Same as Library Science 373.) A study of the best selections of all types of children's literature from outstanding authors and a study of storytelling techniques. Volumes of literature for children's libraries are examined. Prerequisites: Humanities 215 and 225. *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 133. *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

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—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.

Every semester—8 hours

High School Education 443. CURRICULUM AND PRINCIPLES OF SECONDARY EDUCATION. A study of the aims and principles of curriculum development and construction and of the basis for such aims and principles as they pertain to secondary education. Prerequisite: Education 112.

Every semester—3 hours

PSYCHOLOGY

Students may major in behavioral sciences or minor in psychology. The following courses offered at Grand Canyon College will be accepted for major or minor credit:

Requirements for a major in Behavioral Sciences

Psychology 213, General Psychology	3 hours
Sociology 213, Principles of Sociology	3 hours
Sociology 233, Cultural Anthropology	3 hours
Philosophy 213	3 hours
Electives in Psychology (May include selected courses in Sociology)	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)	10 hours

Psychology courses transferred from another school may be substituted for any of the above courses except Psychology 213, 223, and 343.

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—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.

Every spring—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, 1967, and alternate years—3 hours

Psychology 313. PSYCHOLOGY OF PERSONALITY. A systematic analysis of personality and its development in terms of differing methodological approaches. Emphasis is given to biological and social determinants of behavior. Prerequisite: Psychology 213. *Fall, 1966, and alternate years—3 hours*

Psychology 323. EXPERIMENTAL PSYCHOLOGY. This course is composed of individual experiments, laboratory work, and research. The work of each student is prescribed by the teacher so as to allow for individual differences. Prerequisite: Psychology 213. *Fall, 1965, and alternate years—3 hours*

Psychology 333. PSYCHOLOGY OF RELIGION. (Same as Religious Education 333.) A study of the psychology of religious experience, with special attention given to conversion, integration of personality, moral guilt, be-

havior, worship, prayer, and healing. Prerequisite: Psychology 213.

Spring, 1967, and alternate years—3 hours

Psychology 343. **PSYCHOLOGICAL GUIDANCE AND COUNSELING.** Designed for teachers, ministers, business persons, industrial workers, or workers in sociology. Emphasis is placed on the proper use of psychology as a tool for guidance by persons in various occupations. Prerequisite: Psychology 213. *Every summer—3 hours*

Psychology 363. **INTRODUCTION TO PROBABILITY AND STATISTICS** Elementary theories of probability, distribution, and testing of statistical hypotheses; practical experience in the application of statistical methods. Prerequisite: Mathematics 113 or 133. *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. *Fall, 1965, and alternate years—3 hours*

LIBRARY SCIENCE

Library Science 213. **REFERENCE MATERIALS.** A study of basic reference books in general and special subject fields. Emphasis is placed on source materials needed to answer questions in secondary schools. The purpose of this course is the interpretation of the library's collection, the use of the bibliographic form, and an introduction to Government Publications. *Fall, 1965, and alternate years—3 hours*

Library Science 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. *Summer, 1966, and alternate years—2 hours*

Library Science 323. **SCHOOL LIBRARY ADMINISTRATION.** A basic course for elementary and secondary school librarians designed to enable students to deal with principles, attitudes, institutions, administrative and financial backgrounds, and fundamentals of methods of library organization and administration.

Spring, 1966, and alternate years—3 hours

Library Science 373. **CHILDREN'S LITERATURE AND STORYTELLING.** (Same as Elementary Education 373.) A study of the best selections of all types of children's literature from outstanding authors and a study of storytelling techniques. Volumes of literature for children's libraries are examined. Prerequisites: Humanities 215 and 225.

Every fall—3 hours

Library Science 413. **CATALOGING AND CLASSIFICATION.** The fundamentals and principles of descriptive and subject cataloging and the theory and practice of classification. Laboratory assignments emphasize the use of cataloging and classification tools, the use of subject headings, and the principles of alphabetizing and filing.

Fall, 1966, and alternate years—3 hours

Library Science 423. **BOOK SELECTION.** The art of selecting books as applied to elementary and secondary schools. Laboratory practices in study of standards, use of standard selection aids, writing annotations, preparing bibliographies, and extensive examination and reading of books.

Spring, 1967, 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 meet the state requirements of all elementary and high school teachers in this field; 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 would suffice: 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 will be 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 will not be 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 will be 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

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 — 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, 1965, 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 — 3 hours

Health Education 423. **SAFETY EDUCATION.** A survey of the areas of our society where accidents are most frequent: home, industry, school, highway, etc., with consideration of the causes and the prevention of accidents. Designed for school administrators and teachers and established as a training ground to help develop safety consciousness. Prerequisite: Junior standing.
Fall, 1966, and alternate years — 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 will be provided in the class schedule. Each class will meet 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. PLAYGROUND 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—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—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 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

Music History and Theory

Music Education and Conducting

Instrumental Music

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 firsthand 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—3 hours*

Art 211. ART APPRECIATION. (Included in Humanities 215; 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 first summer term—1 hour*

Art 221. ART APPRECIATION. (Included in Humanities 225). A continuation of Art 211. *Every spring and second summer term—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 spring—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 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—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—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

English 113 and 123; Humanities 215 and 225 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 9 hours

Requirements for a major in English

(with emphasis upon writing and the teaching of writing)

English 113 and 123; Humanities 215 and 225 16 hours

English 343, 363, 473, 483 9 hours

Literature electives 9 hours

Requirements for a minor in English

English 113 and 123; Humanities 215 and 225 16 hours

Electives in English (upper division courses) 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—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—3 hours

*Humanities 215. ENGLISH LITERATURE AND THE 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. Humanities 215 covers the period extending from earliest times through the 18th century A.D. Prerequisites: English 113 and 123.

Every fall and first summer term — 5 hours

*Humanities 225. ENGLISH LITERATURE AND THE HUMANITIES II. A continuation of Humanities 215. Covers the period from romanticism through the modern era. Outside reading and reports are required. Prerequisites: English 113 and 123. *Every spring and second summer term — 5 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, 1965, 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.

Fall, 1965, 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, 1966, 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, 1966, 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, 1967, and alternate years — 3 hours

*Equivalent credit: English Literature, 3 hours; Art Appreciation, 1 hour, Music Appreciation, 1 hour.

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 215 and 225.

Fall, 1966, 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.

Every summer; spring, 1967, 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 215 and 225.

Spring, 1967, 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 215 and 225.

Fall, 1965, 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 215 and 225.

Spring, 1967, 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 215 and 225.

Fall, 1966, 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 215 and 225.

Spring, 1967, 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 215 and 225.

Fall, 1966, 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 215 and 225.

Spring, 1966, 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.

Summer, 1966, and alternate years — 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, 1966, 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 fall — 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, 1966, 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, 1966, 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, 1967, 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, 1967, 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. *2 hours*

Spring, 1966, and alternate years

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. *2 hours*

Fall, 1966, and alternate years

Drama 213. INTRODUCTION TO DRAMA. Presents the historical background and the various types of drama. Actual dramatic experience is provided. Prerequisite: Speech 113. *Spring, 1967, 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, 1967, 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.

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

Persons majoring in Mathematics or Science are required to have 12 hours of German or French.

FRENCH

French 113. ELEMENTARY FRENCH. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading. *Every fall—3 hours*

French 123. ELEMENTARY FRENCH. A continuation of French 113. Prerequisite: French 113 or equivalent. *Every spring—3 hours*

French 213. INTERMEDIATE FRENCH. Review, composition, conversation, and graded reading. Prerequisite: French 123. *Fall, 1966, and alternate years—3 hours*

French 223. INTERMEDIATE FRENCH. A continuation of French 213. *Spring, 1967, and alternate years—3 hours*

GERMAN

German 113. ELEMENTARY GERMAN. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading. *Every fall—3 hours*

German 123. ELEMENTARY GERMAN. A continuation of German 113. Prerequisite: German 113 or equivalent. *Every spring—3 hours*

German 213. INTERMEDIATE GERMAN. Grammar reviews, conversation, composition, and the reading of suitable texts. Prerequisite: German 123. *Every fall—3 hours*

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

SPANISH

Spanish 113. ELEMENTARY SPANISH. A study of the fundamentals of grammar, pronunciation, conversation, and composition, together with graded reading. *Every fall—3 hours*

Spanish 123. ELEMENTARY SPANISH. A continuation of Spanish 113. Prerequisite: Spanish 113 or equivalent. *Every spring—3 hours*

Spanish 213. INTERMEDIATE SPANISH. Grammar review, conversation, composition, and the reading of suitable texts. Prerequisite: Spanish 123. *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 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, rehearsing twice a week. Handel's *Messiah* is presented in December and an opera or oratorio is presented in the spring. 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 twice a week and presents concerts throughout the year in high schools, in churches, and on 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 Ensemble

The Instrumental Ensemble 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 recitals or workshops during each semester. Music majors and minors are required to attend all recitals. Other applied music students are required to attend departmental recitals to which the public is not invited.

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.

Public Performance

Groups and individual performers are frequently sent out in response to requests from churches, clubs, and schools. Students enrolled in 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' credit both lesson time and practice time are doubled.

General Regulations

All applied music students are encouraged to take advantage of the opportunities offered in Phoenix to attend artist concerts and symphony concerts. Each student taking a course in applied music or a required course in music is required to attend at least one such concert per semester.

Lessons missed because of the student's negligence will not be made up. Lessons missed because of unavoidable circumstances or because of the absence of the instructor will be 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.



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. 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

2. 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

3. 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

4. Voice Concentration:

Private Voice	16 hours
Music 114, 124, 214, and 224	16 hours
Music 333 and 343	6 hours
Piano (may be waived by passing proficiency test) or electives in Music	4 hours

Requirements for a major in Music Education, B.S. Degree

(For those planning to teach public school music)

A student who desires certification for teaching music in elementary school or high school and at the same time earn a college degree will work toward the Bachelor of Science degree. He will meet the requirements for Elementary 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.

Category I:

Music Education 333 and 413	6 hours
Music Education 212	2 hours
Music Education 372	2 hours
Music 114, 124, 214, 224, and 323	19 hours
Music 333 and 343	6 hours

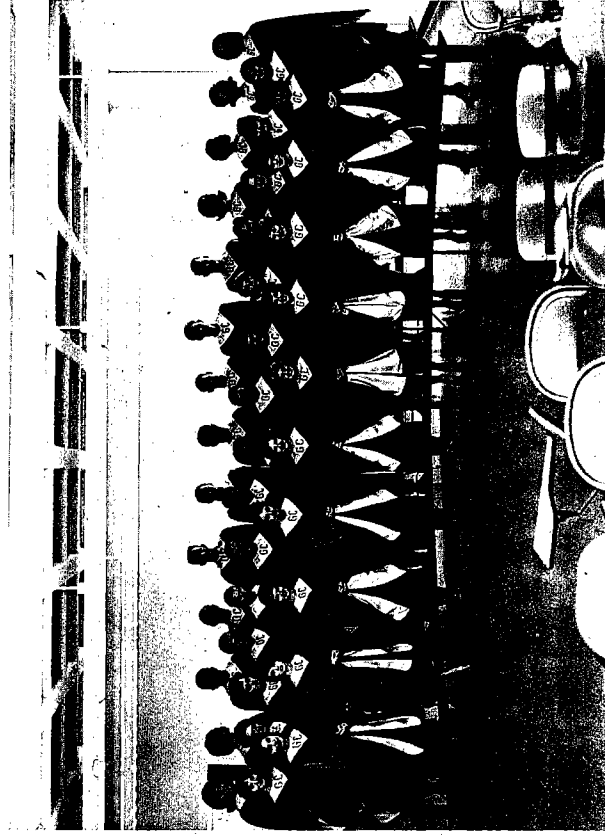
Category II:

1. Orchestral Instrument Concentration:	
Major Instrument (Private instruction)	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

Requirements for a minor in Music Education

Piano	2 hours
Voice	2 hours
Music 114	4 hours
Music Education 372	2 hours
Music Education 333 or 413	3 hours
Music 251 and 261	2 hours
Choral Music	3 hours

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



MUSIC

Music 111. CHORAL MUSIC. An oratorio or an opera is presented during the semester. Rehearsals are held twice each week. Membership is open to all students. Students who sing in the Chorales are selected by audition from those who are enrolled for Choral Music. Not more than four hours of combined credit for Choral Music and Instrumental Ensemble may be counted toward a degree.
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: Knowledge of basic elements of music.
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 MUSIC THEORY. A continuation of Music 214.
Every spring—4 hours

Music 251. MUSIC APPRECIATION. (Included in Humanities 215; 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 first summer term — 1 hour

Music 261. MUSIC APPRECIATION. (Included in Humanities 225.) A continuation of Music 251.

Every spring and second summer term — 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, 1965, 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, 1966, 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, 1966, 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 1967, 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, 1967, and alternate years — 3 hours

MUSIC EDUCATION

Music Education 212. SURVEY OF ORCHESTRAL INSTRUMENTS. A study of the care and problems of the various orchestral instruments.

Spring, 1966, and alternate years — 2 hours

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, 1967, 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.

Fall, 1965, and alternate years — 3 hours

Music Education 372. CHORAL CONDUCTING. A study of the fundamentals and techniques of conducting hymns, anthems, and other choral music. Problems of directing vocal groups are discussed. Special emphasis is placed on interpretation. Prerequisite: Junior standing or consent of instructor.

Fall, 1966, and alternate years — 2 hours

Music Education 382. ADVANCED CONDUCTING. A continuation of Music 372 and 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 372.

Spring, 1966, and alternate years — 2 hours

Music Education 413. MUSIC IN THE JUNIOR AND SENIOR HIGH SCHOOLS. A study of methods for developing and conducting the music program in junior and senior high school, including the organization of choruses and glee clubs, the classification of voices, the development of music appreciation, the selection of music literature, etc. Prerequisite: Music 112 or consent of instructor.

Spring, 1966, 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 III. INSTRUMENTAL ENSEMBLE. Same as Instrumental Music 101 except used to designate a student's second semester of Instrumental Music. *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 Music. *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 Music. *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, Vieme, 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. Principles of breathing and breath control. A study of vowels and fundamental essentials of tone production. 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, breath control, a study of vowels, and essentials of tone production. Repertoire includes simple songs.

Every semester—1 hour

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

Voice 141. PRIVATE VOICE. A continuation of Voice 131 or 132.

Every semester—1 hour

Voice 142. PRIVATE VOICE. A continuation of Voice 131 or 132.

Every semester—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

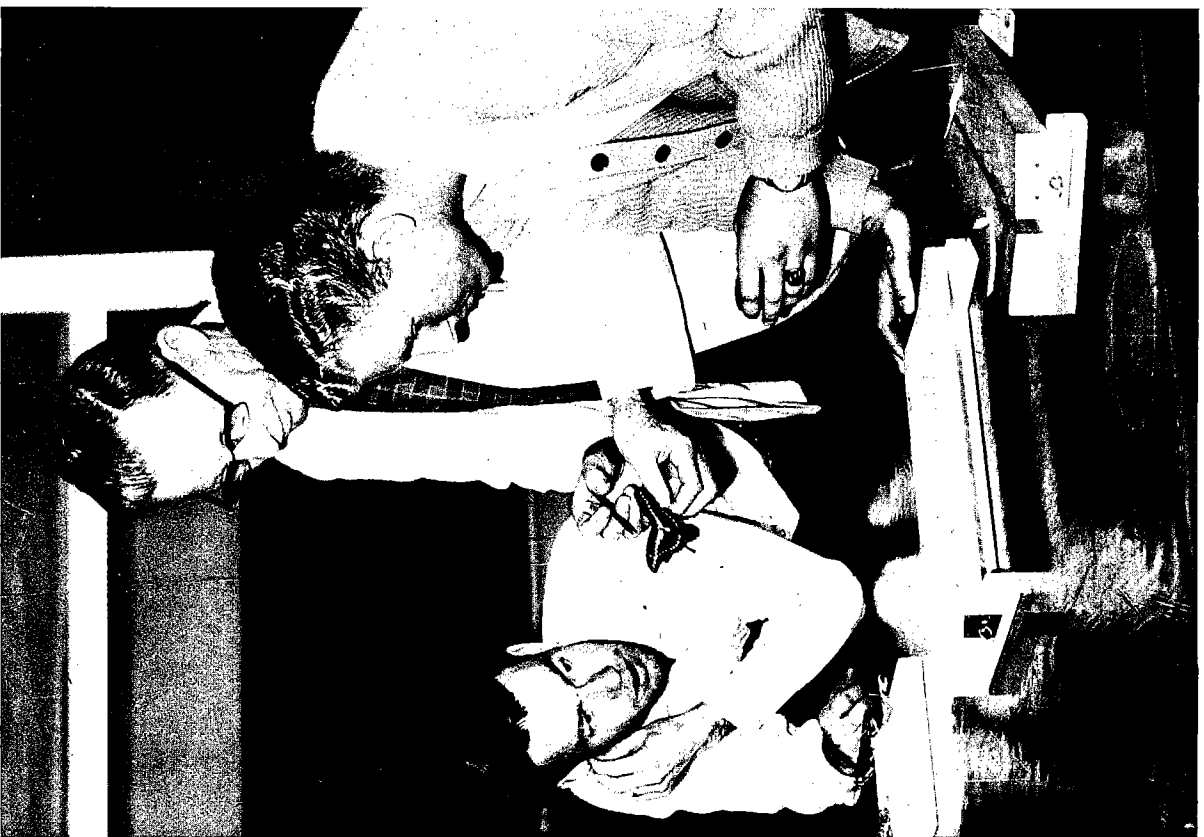
Voice 412. PRIVATE VOICE. Same as Voice 411 except for the amount of work required and the amount of credit earned. *Every semester—2 hours*

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*

Biology 114 and 124	8 hours
Biology 214 and 224	8 hours
Electives in Biology	14 hours
(Biology majors must take Chemistry 114 and 124)	

Requirements for a minor in Biology

Biology 114 and 124; or Biology 214 and 224	8 hours
Electives in Biology	10 hours

Requirements for a minor in Natural Science

Complete one of the following combinations:

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*

Mathematics 113 and 133	6 hours
Mathematics 143†	3 hours
Mathematics 213, 233, and 243	9 hours
Upper division courses in mathematics	12 hours

Requirements for a minor in Mathematics

Mathematics 113 and 133	6 hours
Mathematics 143†	3 hours
Mathematics 213, 233, and 243	9 hours
Upper division courses in mathematics	6 hours

Requirements for a major in Mathematics**

(For those planning to teach)

Mathematics 113 and 133	6 hours
Mathematics 143†	3 hours
Mathematics 213, 233, 243, and 253	12 hours
Mathematics 383	3 hours
Upper division courses in mathematics	10 hours

†Not to be repeated if Plane Trigonometry was taken in high school.

**The major in Mathematics (Education) is designed principally for high school mathematics teachers. It requires 34 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—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, 1966, 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.

Spring, 1967, 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, 1966, 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, 1965, 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. Prerequisites for Biology Majors: Biology 214 and 224. *Every fall — 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 segment 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 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, 1966, 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 — 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, 1966, and alternate years — 3 hours*

Physics 214. GENERAL PHYSICS. A study of the basic principles of general physics, including a study of mechanics, heat, and sound. Prerequisite: Mathematics 133 and 143 or consent of instructor. *Every fall—4 hours*

Physics 224. GENERAL PHYSICS. A continuation of Physics 214 and includes a study of magnetism, electricity, light, and atomic physics. 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. *Every summer—3 hours*

MATHEMATICS

All students will 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 standing with regard to certain other mathematics courses.

Mathematics 110. REMEDIAL MATHEMATICS. For students who have inadequate background in high school mathematics. *Every spring—No credit*

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—3 hours*

Mathematics 133. COLLEGE ALGEBRA. A study of binomials, complex numbers, and the theory of equations. *Every fall—3 hours*

Mathematics 143. PLANE TRIGONOMETRY. Includes the construction and measurement of angles, definition of trigonometric functions, inverse functions, and the solution of triangles. *Every spring—3 hours*

Mathematics 213. ANALYTICAL GEOMETRY. An introductory course which presents a study of graphs, curves, straight lines, conic sections, and equations of the second degree. Prerequisite: Mathematics 133. *Every spring—3 hours*

Mathematics 233. DIFFERENTIAL CALCULUS. A study of the method of differentiation. Prerequisite or required concurrently: Mathematics 213.

Every fall—3 hours

Mathematics 243. INTEGRAL CALCULUS. A study of methods of integration, definite integrals, multiple integrals, and their applications. Prerequisite: Mathematics 233.

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 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 243.

Fall, 1966, and alternate years—3 hours

Mathematics 333. ANALYTIC GEOMETRY OF SPACE. A study of planes and lines, transformation of coordinates, types of surfaces, the sphere, and quadric surfaces. Prerequisite: Mathematics 243.

Spring, 1967, and alternate years—3 hours

Mathematics 365. INTRODUCTION TO PROBABILITY OF 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

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 243.

Fall, 1965, 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 133.

Every summer—3 hours

Mathematics 413. LINEAR ALGEBRA. An introductory study of finite dimensional vector spaces, linear transformations, and matrices associated with them. Prerequisite: Mathematics 243.

Spring, 1967, 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 213.

Fall, 1965, and alternate years — 3 hours

Division of

RELIGION AND
SOCIAL STUDIES

Department of Religion

Department of Social Studies

Bible

New Testament Greek

Religious Education

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 a seminary, it is suggested that they major in such areas as English, History, Psychology, Social Studies, or Sociology.

Requirements for a major in Religion

Bible 113 and 123	6 hours
Bible 373	3 hours
Religious Education 463 or 333	3 hours
Electives in Bible or Religious Education * (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
Religious Education 333 or 463	3 hours
Electives in Bible or Religious Education	6 hours

* Ministerial students should take Bible 273 and 283 and Religious Education 213.

BIBLE

Bible 113. OLD TESTAMENT HISTORY. An introductory and historical study of the Old Testament. Attention is given to the institutions, religion, and national life of the Hebrew people from earliest times to the close of the Old Testament period. *Every semester—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—3 hours*

Bible 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.

Every fall—3 hours

Bible 283. Homiletics. A study in the art of preparing and delivering sermons. There will be 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.

Every spring—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, 1966, 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.

Spring, 1967, 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, 1966, 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.

Every fall—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, 1967, 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, 1966, 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. Twelve hours of Greek (two years) will meet the Foreign Language requirement for the Bachelor of Arts degree.

Greek 273. 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—3 hours*

Greek 283. BEGINNER'S GREEK. A continuation of Greek 273. 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 the tenses. Prerequisite: Greek 273 or equivalent. *Every spring—3 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 283.

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

RELIGIOUS EDUCATION

Religious Education 213. A SURVEY OF RELIGIOUS EDUCATION. An introductory and survey study of religious education, with emphasis upon the history, philosophy, objectives, techniques, and administration of the educational program of the local church. Limited attention is given to the means of organized cooperation between churches.

Fall, 1966, and alternate years — 3 hours

Religious Education 243. CHURCH ACTIVITIES. A study of the effective use of non-organizational activities of the church, such as expansion of membership and buildings, finance, recreation, evangelism, worship, use of teaching aids, and publicity. *Spring, 1966, and alternate years — 3 hours*

Religious Education 263. CHURCH ORGANIZATIONS AND OFFICERS. A study of effective organizational structure for religious education within the local church, particularly with reference to the Southern Baptist Convention. The major organizations, officers, and committees are studied from a functional point of view. *Spring, 1967, and alternate years — 3 hours*

Religious Education 323. PRINCIPLES OF LEADERSHIP. A study of leadership, including principles, techniques, personal characteristics, problems and pitfalls, enlistment, and training.

Fall, 1965, and alternate years — 3 hours

Religious Education 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.

Fall, 1966, and alternate years — 3 hours

Religious Education 363. AUDIO-VISUAL AIDS. (Same as Education 363.) A survey of the field of projected and non-projected aids, with guided readings, discussions, demonstrations, and laboratory work.

Every spring — 3 hours

Religious Education 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.
Fall, 1965, 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 Religious Education 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.
Fall, 1965, 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 History*

History 113, 123, and 233	9 hours
History 213 and 223	6 hours
History 403	3 hours
Electives in History*	12 hours

*There may be electives of 6 hours in upper division Government.

Requirements for a minor in History

History 113, 123, and 233	9 hours
History 353 and 363	6 hours
Electives in History	3 hours

Requirements for a major in Behavioral Sciences

Sociology 213 Principles of Sociology	3 hours
Sociology 233 Cultural Anthropology	3 hours
Psychology 213 General Psychology	3 hours
Philosophy 213 Introduction to Philosophy	3 hours
Electives in Sociology or Psychology	18 hours

Requirements for a minor in Sociology

Sociology 213 and 223	6 hours
Electives in Sociology	12 hours

Requirements for a major in Social Studies

History 113, 123, and 233	9 hours
History 353 and 363	6 hours
Sociology 213 and 223	6 hours
Government 213 and 233	6 hours
Economics 213	3 hours
Electives in Social Studies (May include Economics 243)	6 hours

Requirements for a minor in Social Studies

History 113, 123, and 233	9 hours
Sociology 213	3 hours
Government 213	3 hours
Electives in Social Studies	6 hours

Requirements for a minor in Government

Government 213 and 233	6 hours
Electives in Government	12 hours

GOVERNMENT

Government 213. **FEDERAL GOVERNMENT.** (College graduates should take Government 353 instead.) 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, including a general study of state and local government. Prerequisite: Sophomore standing.

Every semester — 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—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, 1966, 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, 1967, 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, 1966, 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.

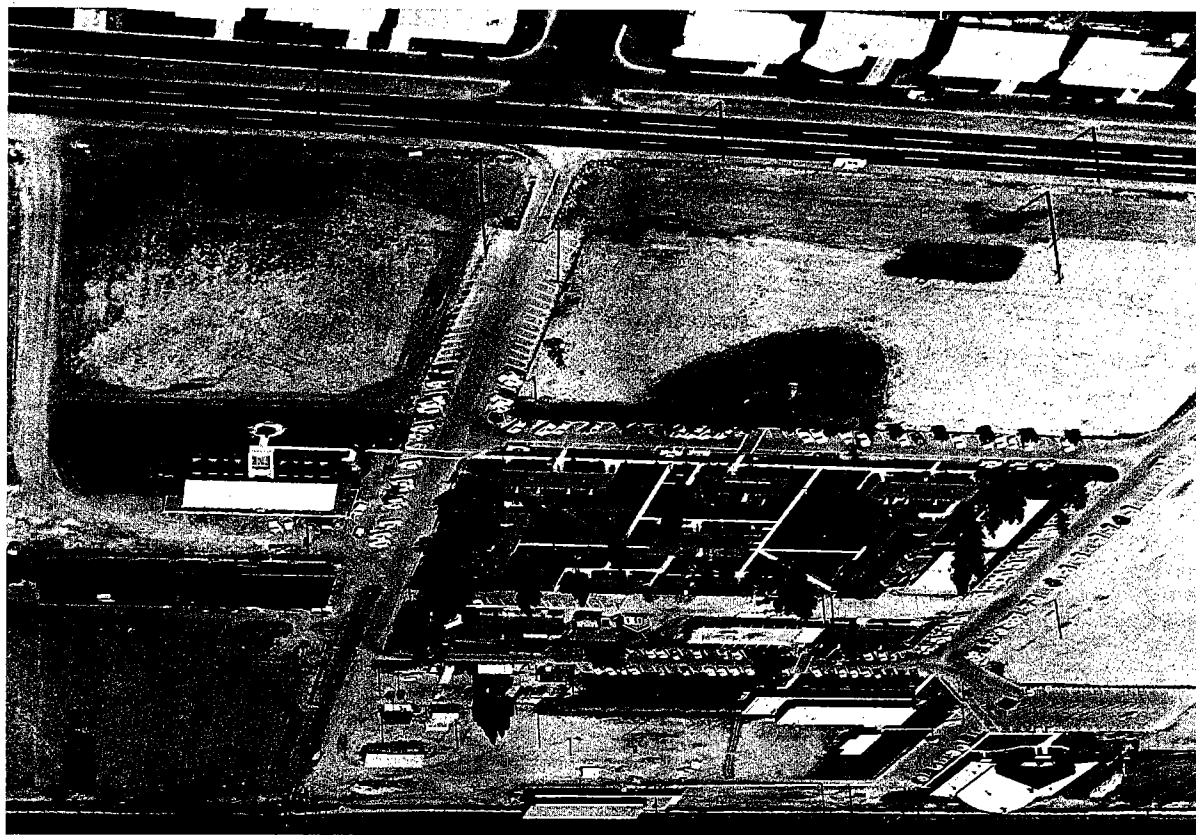
Spring, 1966, and alternate years—3 hours

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, 1966, 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, 1965, and alternate years—3 hours



VIII. Administration and Personnel

Trustees

Administration

Faculty

Faculty Committees

BOARD OF TRUSTEES

OFFICERS:

President.....Calvin Ethington, P.O. Box 1005, Casa Grande
 Vice President.....Cecil W. Wood, 3601 E. Pierson, Phoenix
 Secretary.....Hollis W. Nix, 8260 E. Mulberry Lane, Scottsdale

TERMS EXPIRING 1965

Bob A. Anderson.....	Farmer
F. A. Carlton.....	Retired
Calvin Ethington.....	Farmer
Lee Faver.....	Farmer
James R. Lafitte.....	Merchant
T. P. Lott.....	Minister
Henry A. Pearson.....	Forester
William L. Stone.....	Minister

TERMS EXPIRING 1966

Jess Baker.....	Minister
William L. Crouch.....	Farmer
Ralph L. Ferguson.....	Insurance
Wilburn C. Ferguson.....	Electronics
Jim Goins.....	Minister
Dick Groves.....	Farmer
Hollis W. Nix.....	Minister
William E. Pierce.....	Insurance

TERMS EXPIRING 1967

J. L. Canafax.....	Minister
Jack Gullede.....	Minister
Robert T. Jenkins.....	Merchant
Don Reed.....	Minister
C. L. Pair.....	Minister
C. Vaughan Rock.....	Minister
Cecil W. Wood.....	Merchant
Henry Wooten.....	Minister

The President of the Arizona Southern Baptist Convention is an *ex officio* member of the Board of Trustees.

ADMINISTRATION

OFFICERS:

Charles L. McKay, B.A., Th.M., Th.D. Acting President (1965)
 B.A., Mississippi College
 Th.M., Th.D., New Orleans Baptist Theological Seminary

James R. Staples, B.A., B.D. Executive Vice President (1962)
 B.A., Ouachita College
 B.D., New Orleans Baptist Theological Seminary
 Additional Graduate Study: Southwestern Baptist Theological Seminary

Robert S. Sutherland, B.A., M.A., Ed.D. Dean and Registrar (1956)
 B.A., Union University
 M.A., Murray State College
 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:

Paul A. Young, B.A., B.D., Th.M., M.Nat.Sci. Dean of Students (1956)
 B.A., University of Corpus Christi
 B.D., Th.M., Southern Baptist Theological Seminary
 M.Nat.Sci., Arizona State University
 Additional Graduate Study: A and M College of Texas; University of California
 at Davis

Fayle Cothorn, B.A., M.R.E. Acting Dean of Women (1965)
 B.A. Mary Hardin — Baylor College
 M.R.E. Southwestern Baptist Theological Seminary
 Additional Graduate Study: Arizona State University

Oral William Brown, B.S., M.A.Ed.

Acting Librarian, Assistant Professor of Library Science (1956)
 B.S., Stout State College
 M.A.Ed., Arizona State University
 Additional Graduate Study: Arizona State University; University of Oklahoma

Mrs. Leola Brown Assistant Registrar (1952)

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)
 St. Joseph's Hospital, Alton, Illinois

Mrs. Myrtle Eason..... Manager of the College Book Store (1953)

OTHER ADMINISTRATIVE PERSONNEL:

Mrs. Mary Carroll..... Assistant in the Registrar's Office
 Mrs. Grace Cruse..... Director of Women's Dormitory
 Mrs. Treva Dublin..... Bookkeeper in the Business Office
 Mrs. Georgia Forrester..... Director of the News Bureau
 Miss Kathy Harkness..... Secretary in the News Bureau
 Mrs. Pauline Holcek..... Secretary to the Business Manager
 Mrs. Peggy Hudson..... Secretary to the President
 Mrs. Norma Ledbetter..... Secretary to the Dean of the College
 Mrs. Della May..... Assistant in the Library
 Mrs. Alma Muns..... Assistant in the Library
 Mrs. Mary Schmidt..... Secretary in the Library
 Miss Beulah Shipp..... Bookkeeper in the Business Office

CAFETERIA PERSONNEL:

Mrs. Clara Burghout, Manager..... Mrs. Louise Kirchings
 Mrs. Dorothy Dorr..... Mrs. Mae Krietzberg
 Mrs. Maudie Howard..... Mrs. Lottie Pelham

STUDENT CENTER PERSONNEL:

Mrs. Nell Robison, Manager

MAINTENANCE:

Mr. W. A. Schmidt, Superintendent..... Mr. W. B. Pelham
 Mr. Iven R. Cooper..... Mr. Jack Rutledge
 Mr. Hallie Nichols..... Mrs. Jerry Yeager

FACULTY OF INSTRUCTION

James B. Armstrong, B.S. Instructor in Physics and Mathematics (1964)

B.S., Arizona State University

M.S. Candidate: Arizona State University

Chester S. Bagg, B.Mus., Mus.D. Associate Professor of Music;
Chairman of the Department of Music (1955)

B.Mus., De Paul University

M.Mus., Northwestern University

Mus.D., Southwestern Conservatory of Fine Arts

Additional Graduate Study: Christiansen Choral School; University of Colorado

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

Roland L. Beck, B.A., M.A., Ph.D. Professor of Education and Psychology;
Head of the Division of Education, Psychology and Physical Education;
Chairman of the Department of Education and Psychology (1949)

B.A., Oklahoma Baptist University

M.A., 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.A., M.S. Associate Professor of Physical Education;
Chairman of the Department of Health and Physical Education;
Director of Athletics (1951)

B.A., Arkansas State Teachers College

M.A., University of Arkansas

Doctoral Candidate: Arizona State University

Mildred Brazell, B.A., M.A., Assistant Professor of Physical Education (1952)

B.A., Arkansas State Teachers College

M.A., Arizona State University

Additional Graduate Study: University of Arkansas; 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

Nancy G. Callin, B.S. Instructor* in Education (1964)
 B.S., Grand Canyon College
 Post Graduate Study: Grand Canyon College

James E. Carroll, B.A., B.D. Assistant Professor of Religion;
 Director of Religious Activities (1963)

B.A., Howard Payne College
 B.D., Golden Gate Baptist Theological Seminary

Raymond A. Conely, B.B.A., M.B.A.

Assistant Professor of Business and Economics;
 Chairman of Department of Business and Economics (1965)

B.B.A., Texas Technological College
 M.B.A., Texas Technological College
 Certified Public Accountant, Texas

Charles M. Cooke, B.S., M.D. Professor* of Biology (1952)
 B.S., University of Arizona
 M.D., University of Utah

Oneta Corley, B.S., M.S. Assistant Professor of Business (1964)
 B.S., Southwestern State College
 M.S., Oklahoma State University

Clarence R. Dyer, B.S., M.Ed., M.F.A. Assistant Professor* of Art (1961)
 B.S., M.Ed., Kent State University
 M.F.A., Arizona State University¹

William G. Heard, B.A., M.A., Ph.D. Professor of Psychology (1964)
 B.A., Grand Canyon College
 M.A., Ph.D., Arizona State University

Sarah Humphrey, B.A. Instructor* in Remedial Courses (1963)
 B.A., Grand Canyon College

Naomi Hunke, B.A., B.S., M.A. Assistant Professor of English (1965)
 B.A., Pacific College

B.S., Grand Canyon College
 M.A., Arizona State University
 Additional Graduate Study: Arizona State University

Norma Jones, B.A., M.A., Assistant Professor* of Modern Languages (1964)
 B.A., Oklahoma Baptist University
 M.A., University of Oklahoma

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

*Part-time

¹To be awarded June 1, 1965

John Benjamin Lindsey ...Assistant Professor of Physical Education (1965)

B.S., Grand Canyon College

M.S., 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

Paul McCarty, B.A., M.A., Ph.D. Professor of Modern Languages (1965)

B.A., University of Arizona

M.A., Ph.D., University of Wisconsin

Clarice Maben, B.A., M.A. Assistant Professor of Social Studies (1949)

B.A., Grand Canyon College

M.A., Baylor University

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 Palmonds, 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 Palmonds, B.A., B.S.M., M.R.E., M.A.

Assistant Professor of Music (1955)

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 Puckert, 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

Coy Reeves, B.S., M.Ed. Director of Teacher Placement;

Assistant in the Department of Education (1964)

B.S., East Texas State College

M.Ed., West Texas State University

Frederick S. Rolater, B.A., M.A. Associate Professor of Social Studies;
Chairman of the Department of Social Studies (1964)

B.A., Wake Forest College
M.A., University of Southern California
Additional Graduate Study: University of Southern California

²Roger L. Schmidt, B.A., M.A. Assistant Professor of English (1962)

B.A., Grand Canyon College
M.A., Arizona State University
Additional Graduate Study: 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 fur Musik und Darstellende
Kunst, Vienna

Robert S. Sutherland, B.A., M.A., Ed.D. Professor of English (1956)

B.A., Union University
M.A., Murray State College
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; A and M
College of Texas; New York 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 fur Musik und Darstellende
Kunst, Vienna

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: A and M College of Texas; University of California
at Davis

FACULTY COMMITTEES

1965-66

The President of the College is a member of all committees. The first-named member is chairman, unless otherwise indicated.

Administrative Advisory: Dr. McKay, Dr. R. Beck, Mr. Kent, Dr. Puckett, Mr. Staples, Dr. Sutherland

Academic Affairs:

Academic Policies: Dr. Psalmonds, Mrs. Brown, Dr. Sutherland, Mr. Wang, Miss Weller

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

Chapel: Mrs. Psalmonds, Mr. Carroll, Dr. McCarty, Miss Scott

Scholarships: Mr. Youngs, Dr. R. Beck, Mr. Kent, Dr. Sutherland

Teacher Training: Dr. R. Beck, Mr. Berryhill, Mrs. Brazell, Mr. Bryan, Mrs. Corley, Mr. Mann, Mrs. Psalmonds, Dr. Puckett, Dr. Sutherland, Mr. Youngs

Student Affairs:

Calendar and Activities: Mr. Youngs, Dr. Bagg, Mr. Carroll, Mrs. McCarty

Publications: Dr. Psalmonds, Mrs. Corley, Mr. Dyer, Mrs. Hunke

Student Services: Mr. Berryhill, Mrs. Cobern, Mrs. Cruse, Mrs. Gilmore, Dr. Heard, Mr. Youngs



IX. Student Statistics

Graduates, 1964

Enrollment Statistics, 1964-65

GRADUATES

May, 1964

BACHELOR OF ARTS

Lois Joann Bayless, Yuma, Arizona
 Don Edward Bothwell, Phoenix, Arizona
 Vicki Lee Callin, Glendale, Arizona
 Robert D. Feter, Payette, Idaho
 Dorothy Diann Godsoe, Las Cruces, New Mexico
 Florence Joy Hartman, Glendale, Arizona

Marilou Hartzler, Hohne, Phoenix, Arizona
 Lanny Jim McLeroy, Stanfield, Arizona
 Donald Lewis Phillips, Phoenix, Arizona
 Fred Arthur Ragland, Sierra Vista, Arizona
 Lloyd Daniel White, Jackson, Mississippi

BACHELOR OF SCIENCE

Ethel Minern Blaisdell, Zion, Illinois
 Gerry Wayne Brewer, Snowflake, Arizona
 Donald Lewis Campbell, Phoenix, Arizona
 Alfred Jaudon Cobb, Salem, Oregon
 Twyla Carlene Collins, Phoenix, Arizona
 Jerry D. Crowe, Phoenix, Arizona
 Howard B. Davenport, Phoenix, Arizona
 Ann Ruth Fawcett, Phoenix, Arizona
 Lillian Loreen Fox, Phoenix, Arizona
 Luther Doyle Fox, Pleasant Hill, California
 Charles S. Green, Phoenix, Arizona
 Richard J. Harvey, Phoenix, Arizona
 Mary Owens Helmhout, Glendale, Arizona
 Yvonne Hildebrand, Phoenix, Arizona
 Belva Lockwood Hinman, Phoenix, Arizona
 Daniel Lynn Hull, Phoenix, Arizona
 Phillis Jean Hunt, Phoenix, Arizona
 Junelle Smith Johnson, Phoenix, Arizona
 Gary Max Kearley, Phoenix, Arizona
 Eloise L. King, Phoenix, Arizona
 Patricia Ann King, Salt Lake City, Utah

Lawrence Wayne Ledbetter, Globe, Arizona
 Shirley Swift Lewis, Phoenix, Arizona
 Karen Louise Lusher, Phoenix, Arizona
 Peggy Ramer Matson, Tolleson, Arizona
 Charles A. Neely, Phoenix, Arizona
 Helen Mary Painter, Phoenix, Arizona
 Bruce Barton Paulus, Asbury, New Jersey
 David Edwin Quas, Glendale, Arizona
 Norma Sue Rhea, Phoenix, Arizona
 Ronald Gene Rheume, Phoenix, Arizona
 Pamela Barker Richards, Boise, Idaho
 Augustus Baxter Riley, Phoenix, Arizona
 Walter R. Riley, Phoenix, Arizona
 Barbara Jean Roden, Tucson, Arizona
 Karen Sue Roepke, Sun City, Arizona
 Theodore Nemes Sarville, Phoenix, Arizona
 Helen Irene Stearman, Phoenix, Arizona
 Paul Alexander Weidenheimer, Phoenix, Arizona
 Emilie Ann Wheeler, Phoenix, Arizona
 Genevieve Louise Wiley, Ajo, Arizona
 Virginia M. Wright, Phoenix, Arizona

August, 1964

BACHELOR OF ARTS

Eldon Leroy Harmon, Maysville, Kentucky
 Ross English, Mill Valley, California
 Jorge Alberto Martinez, Phoenix, Arizona
 Clifford Jay McTavish, Pueblo, Colorado

C. Harry Phillips, Phoenix, Arizona
 Robert L. Seymour, Ellis Grove, Illinois
 Lois Jean Smith, Phoenix, Arizona
 Yoshie Tanaka, Nagoya, Japan

BACHELOR OF SCIENCE

Sherrie Rea Bartell, Glendale, Arizona
 Cooper Cornelius Bell, Phoenix, Arizona
 Wilborn Lyle Braughton, San Pedro, California
 Maxine Rita Carlton, Phoenix, Arizona
 Norma Jean Critenden, Monticello, Utah
 Lorraine Forbes, Phoenix, Arizona
 Inella May Gullick, Snowflake, Arizona
 Ross H. Johanson, Phoenix, Arizona

Evelyn Grantham Moreland, Glendale, Arizona
 Robert W. Oakes, Safford, Arizona
 Robert Lawrence Reed, Sr., Phoenix, Arizona
 Rosa Norris Ross, Phoenix, Arizona
 Paul M. Simmons, Glendale, Arizona
 Elvera Woodworth Weathersbee, Phoenix, Ariz.
 Janet Weller Wickham, Phoenix, Arizona
 Esther Grace Wilkerson, Hemet, California

ENROLLMENT STATISTICS—June 1, 1964 - May 31, 1965

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Freshmen	106	88	194
Sophomores	62	39	101
Juniors	63	45	108
Seniors	65	64	129
Auditors	33	39	72
Specials	90	155	245
Totals	<u>419</u>	<u>430</u>	<u>849</u>

DENOMINATIONS REPRESENTED
BY STUDENTS ENROLLED

Assembly of God	Evangelical Free
Baptist:	Foursquare Gospel
Southern	Free Methodist
Other	Friends
Bible	Jewish
Brethren	Latter Day Saints
Catholic	Lutheran
Christian	Methodist
Christian Missionary Alliance	Nazarene
Christian Reform	Non-denominational
Christian Scientist	Pilgrim
Church of Christ	Presbyterian
Church of God	Reorganized Latter Day Saints
Congregational	Salvation Army
Covenant	Seventh Day Adventist
Episcopal	

STATES REPRESENTED BY STUDENTS ENROLLED

Alabama	Kansas	Oregon
Alaska	Michigan	Pennsylvania
Arizona	Missouri	South Carolina
California	Montana	South Dakota
Colorado	Nevada	Texas
Georgia	New Jersey	Utah
Hawaii	New Mexico	Vermont
Idaho	New York	Virginia
Illinois	North Carolina	Washington
Indiana	Oklahoma	Wisconsin

FOREIGN COUNTRIES REPRESENTED
BY STUDENTS ENROLLED

Canada	Hong Kong	Japan	Syria	Tanganyika
--------	-----------	-------	-------	------------

- Absences
 Chapel, 38
 Class, 65
 Double, 65
 From Campus and City, 38, 65
 Maximum, 65
 Near Holidays, 65
 Academic Calendar, 6, 7
 Academic Regulations
 Change of Courses, 62
 Classification of Students, 59
 Course Load, 61
 Grading System, 60
 Honor Roll, 41
 Tests and Examinations, 52, 45, 54
 Transcript of Credits, 53, 24
 Withdrawal, 27, 46, 60, 63
 Academic Supervision, 54, 63
 Accreditation of College, 12
 Activities
 Eligibility for, 38
 Student, See Student Organizations
 Administrative Personnel, 151
 Board of Trustees, 152
 Officers of Administration, 153
 Staff, 153, 154
 Admission
 Advanced Standing, 53
 Application for, 52
 Foreign Students, 54
 From Other Colleges, 53
 General Requirements, 57
 High School Credit Required, 51
 High School Rank, 51
 Notification of, 52
 Prior to Graduation from High School 52
 Registration, See Academic Calendar
 Request for Application Forms, 55
 Requirements Prior to, 52
 Special Students, 51, 59
 To Summer Sessions, 15
 Transfer Students, 51, 53
 Veterans, 51
 Advanced Standing, Early Admission to
 College, 52
 Aid, See Student Aid
 Aims of College, 11
 Alpha Psi Omega, 40
 Alumni Association, 19
 Amelophe, The, 43
 Amelophe About, 19
 Application
 For Admission, 52
 For Employment, 27, 28
 For Graduation, 70
 For Loans, See Student Aid
 Request for Forms, 55
 Applied Arts and Sciences,
 Division of, 79, 86
 Applied Music, 114, 115
 Also See Specific Type, e.g., Piano
- Apprentice Teaching, 15, 92, 94, 95
 Arizona Southern Baptist Convention, 12, 15
 Art, 105
 Assistance, Financial, See Student Aid
 Association, Student, 39
 Athletics
 Courses in, 100, 101
 Eligibility for Participation in, 44
 Gymnasium, 17
 Intercollegiate, 44
 Intramural, 43
 Medical Examinations for, 45
 Organizations, 40, 44
 Varsity Club, 40
 Attendance Regulations
 Chapel, 38
 Class, 65
 See Also Absences
 Audit Privileges for Honor Students, 61
 Auditorium, 17
 Awards, Honors, Recognitions, 41
 Bachelor of Arts Degree
 Choice of Major, 69
 Requirements for, 75
 Bachelor of Science Degree
 Choice of Major, 69
 Requirements for, 76
 Baptist Convention,
 Arizona Southern, 12, 15
 Baptist State Convention Scholarships, 31
 Baptist Student Union, 40
 Bible
 Courses in, 139, 140
 Minor in, 139
 Required for Graduation, 71
 Biology
 Courses in, 132, 133
 Major and Minor in, 131
 Board, See Fees
 Board of Trustees, 152
 Botany, 132
 Brammer Music Library, 17
 Breakage Deposit, 25, 26
 Bright Angel Hall, 18
 Buildings
 Dining Facilities, 17
 For Health and Physical Education, 17, 18
 For Instruction, 18
 Library, 17
 Residences for Men, 18
 Residences for Women, 18
 Student Center, 16
 Business
 Accounting, 84
 Club, 40
 Courses in, 83-85
 Economics, 85
 Education, 81
 Major and Minor in, 81
 Secretarial Program, 82
 Teachers of, 155-158

- Cafeteria, 26
 Calendar, 6, 7
 Traditional Events, 47
 Campus Facilities, See Buildings
 Canyon Business Club, 40
Canyon Echoes, 42
Canyon Highways, 18
Canyon Trails, 42
 Certification of Teachers, 89-91
 Change of Courses, 24
 Chapel Attendance, 38
 Chaperons, 44
 Chemistry, 133
 Choir, Chorales, 114, 119
 Christian Service Groups, 40-41
 Church Music, 121
 Classes
 Attendance of, 63
 Level of, 59
 Classification of Students, 59
 Clubs, See Student Organizations
 College, General Information, 11
 Commencement
 Attendance Requirement, 70
 Dates, 7
 Committees, Faculty, 159
 Composition and Literature, 107
 Conduct of Students, 37
 Control of the College, 12
 Contents, Table of, 5
 Convention Scholarships, State Baptist, 31
 Cooke, Charles M., Health Center, 18
 Correspondence Credit, 70, 62
 Council, Student, 39
 Counseling, 46
 Courses
 Change of, 62
 Class Level of, 59
 Deferment of, 60
 Numbering of, 59
 Repetition of, 63
 Course Descriptions, 77
 Course Load Regulations, 61
 Correspondence Directory, 4
 Costs, See Fees
 Courses of Instruction, 77
 Credit
 For Applied Music, 114
 For Correspondence and
 Extension, 54, 62, 70
 For Military Service, 99
 High School Required, 51
 Quality Points, 60
 Required for Graduation, 69
 Required for Major, 73
 Required for Minor, 73
 Transcript of, 53
 Unit of, 59
 Curricula
 Requirements for Graduation, 70
 Special, 69
 Dean's List, 41
 Debate, See Forensic Club
 Deferment of Courses, 60
 Deferred Payment, 23
 Degrees
 Bachelor of Arts, 69
 Bachelor of Science, 69
 Conferred in Relation to Majors, 69, 75
 Requirements for, 69
 Denominations, Religious,
 Represented Among Students, 163
 Departments of Instruction,
 See Various Subjects of Study
 Deposits, See Fees
 Description of Courses,
 See Various Subjects of Study
 Dining Facilities, 17
 Directory of Correspondence, 4
 Directory of Faculty and Staff, 153-158
 Discipline, 37
 Dismissal from College, 37
 Distinction, Graduation with, 60, 70
 Divisions of Instruction
 Applied Arts and Sciences, 79-86
 Education and Psychology, 87-101
 Humanities, 103-127
 Natural Science and Mathematics, 129-136
 Religion and Social Studies, 137-149
 Dormitories, See Room
 Drama, 43
 Courses in, 111, 112
 Dramatic Organizations, 40
 Drinking, 37
 Dropping of Courses, 62
 Economics
 Courses in, 85
 Minor in, 81
 Education, General, 71
 Education and Psychology,
 Division of, 87-101
 Accreditation, 12
 Certification, Teacher, 89-91
 Cooperating Schools, 92
 Courses in, 93-98
 Elementary, 94, 91
 Majors and Minors in, 69, 89
 Mathematics, 131
 Music, 117, 121
 Physical, 98
 Secondary, 91, 95
 Teacher Placement, 46
 Teacher Training, 89
 Educational Tours, 43
 Electives, 74
 Eligibility
 For Student Activities, 38
 For Student Offices, 39

- Employment
 Student, 27
 Teacher Placement, 46
 English
 Courses in, 107-110
 Major and Minor in, 107
 Proficiency Requirement, 69, 89
 Required for Graduation, 72
 Speech and Drama, 110-112
 Enrollment Statistics, 163
 Ensembles, 114
 Entrance to College, See Admission
 Environment of College, 16
 Evening Classes, 14, 24
 Examinations
 English Proficiency, 69
 Entrance, 52
 Late, 65, 24
 Medical, 45
 Required for Admission, 52
 Special Permit for, 24
 Expenses, See Fees
 Extension Credit, 70, 62
 Extracurricular Activities, 43

 Facilities, Campus, See Buildings
 Faculty, 12, 155-158
 Committees, 159
 Fees, also See Student Aid
 Advance Deposit, 25
 Applied Music, 24
 Board, 25, 26
 Breakage Deposit, 25
 Deferred Payment of, 23
 Deposits, 25
 Graduation, 24
 Payment of, 23
 Refunds of, 27
 Room, 25, 26
 Special Examinations, 24
 Total, 26
 Tuition and, 24
 Financial Information, See Fees
 Five Year Program, Teacher Training, 13
 Fleming Classroom Building, 18
 Fleming Library, 17
 Food Services, 45
 Foreign Languages, See Modern
 Languages, Also See Greek
 Foreign Students
 Admission of, 54
 Adviser for, 54
 Countries Represented, 164
 Forensic Club, 40
 French, 113
 Freshmen, 59
 Furnishings, Room, 25

 General Education, 71
 General Information, 11-19
 General Regulations, 59-65

 General Science, See Natural Science
 and Mathematics
 German, 113
 Governing Body of the College, 12
 Government, Student, 39
 Government
 Courses in, 144, 145
 Minor in, 144
 Grade Index, 60
 Grade Points, 60, 63
 Grades Required for Admission, 51
 Grades Required for Continuation, 63
 Grading System, 60
 Graduates
 August, 162
 May, 162
 Graduation
 Application for, 70
 Basic Requirements, 69
 Choice of Catalog, 69
 Curricular Requirements, 70
 English Proficiency Required, 69
 Fee, 24
 Grade Average Required, 63
 In Absentia, 70
 Majors and Minors, 73
 Quality Points Required, 63, 64
 Resident Study Required, 70
 With Distinction, 60, 70
 Greek, New Testament, 141
 Guidance, 46
 Gymnasium, 17

 Health
 Certificate Required, 52, 46
 Health Center, 18
 Service to Students, 45
 Staff, 45
 Health and Physical Education, 98
 Courses in, 100, 101
 Facilities for, 17, 18
 Major and Minor in, 99
 Required for Graduation, 73
 Veterans, Credit Allowed, 99
 High School Credits, 51
 History
 Courses in, 146-148
 Major and Minor in, 143
 History of the College, 15
 Holidays
 Absences Before and After, 65
 Dormitories Closed for, 26, 45
 See Also Academic Calendar, 6, 7
 Honor Roll, 41
 Honor Scholarships, 32
 Honorary Organizations, 40
 Honors At Graduation, 60
 Honors, Awards, Recognitions, 41
 Honors Study Program, 74
 Housing, See Room
 Humanities, Division of, 103-127

- Courses in, 108
 Required for Graduation, 72
- Infirmary, 18
 Instruction, Courses of, 77-149
 Instrumental Ensemble, 121, 114
 Instruments, Orchestral, 121-123
 Insurance, 26, 54
 Intercollegiate Athletics, 44
 International Relations Club, 40
 Intramural Athletics, 43
 Iota Phi, 40
- Juniors, 59
- Kaibab Hall, 18
- Laboratory Science Required, 72
 Languages, Foreign
 Courses in, 113
 Required for Graduation, 73
 Late Examination, 65, 24
 Late Registration, 6, 7, 24
 Library, 17
 Library Science, 97-98
 Life Science, 132
 Life Service Group, 41
 Linens, Room, 25
 Literature and Composition, 107
 Loans, See Student Aid
 Location of the College, 16
- Majors and Minors
 Grade Average Required, 63
 Graduation Requirements, 63
 Named in Relation to Degrees, 69
 Residence Requirements, 70
 Selection or Change, 62
 Marriages, Student, 58
 Mathematics, See Natural Science and Mathematics
 Matriculation Fee, 25
 Maximum Hours in a Subject, 62
 Medical Examination, 46
 Men's Residences, See Room,
 Also See Buildings
 Minimum Residence Required for
 Graduation, 70
 Ministerial Aid, See Student Aid
 Ministerial Association, Student, 41
 Minors, See Majors and Minors
 Missionary Aid, See Student Aid
 Modern Languages
 Courses in, 113
 Minimum Allowed Toward
 Graduation, 70
 Modern Language Club, 40
 Required for Graduation, 112
 See Also Greek
- Music
 Applied, 114, 115
 Choirs, 114
- Courses in, 119-127
 Education, 114, 117
 Ensembles, 114
 Library, 17
 Majors and Minors in, 116, 117
 Organ, 123
 Organizations, 43
 Piano, 125
 Practice, 115
 Recitals, 114
 Required for Graduation, 73
 Theory, 119
 Voice, 126
- Natural Science and Mathematics,
 Division of, 129-136
 Biology, 132
 Chemistry, 133
 Courses in, 132-136
 General Science, 134
 Language Required for Major in, 131
 Majors and Minors in, 131
 Physics, 133
 Required for Graduation, 72
 NEA, Student, 40
 Night Classes, 14, 24
 Notification of Admission, 52
 Numbering of Courses, 59
- Objectives of the College, 11
 Officials, Administrative,
 See Administrative Personnel
 Oratorio and Opera Society, 114
 Orchestral Instruments, 121
 Organ, 123, 124
 Organizations, Student,
 See Student Organizations
- Parking Fee, 24
 Payment of Fees, See Fees
 Penalty Fees, See Fees
 Philosophy, Courses in, 143
 Required for Graduation, 72
 Physical Education,
 See Health and Physical Education
 Physical Examinations, 45
 Physical Science, 133, 134
 Physics, 133
 Piano, 125
- Personnel, See Administrative Personnel,
 Also See Faculty
- Pierian Club, 40
 Placement, Teacher, 46
 Placement Tests, English
 Practice Teaching, 15, 92, 94, 95
 Predecessory, 14
 Prelaw, 14
 Premedical, 14
 Preoptometry, 14
 Preprofessional Training, 14
 Presidents of the College, 16

- Private Instruction, See Music, Applied
 Probation, 54, 64
 Psychology, Courses in, 96
 Major and Minor in, 96
 Required for Graduation, 72
 Publications
 Alumni, 19
 College, 18
 Student, 42
 Purposes of the College, 11
 Quality Points, 60
 Radio, See Speech
 Ray-Maben Scholars, 41
 Readmission, 53
 Rectals, 14
 Recognitions, Honors, Awards, 41
 Record Library, 17
 Refunds, 27
 Registration
 Dates, 6, 7
 Late Registration Fee, 24
 Requirements Prior to, 52
 Regulations
 Academic, 57-65
 For Graduation, 67-76
 General, 51-54
 Social, 37
 Religion and Social Studies,
 Division of, 137-149
 Religion
 Courses in, 139-143
 Major and Minor in, 139
 Religious Education
 Courses in, 142
 Religious Organizations, 40
 Remedial Courses, 69, 70, 93, 107, 134
 Requirements
 For Additional Course Load, 61
 For Admission, 51-52
 For Continuing as a Student, 63-64
 For Early Admission, 52
 For Eligibility, 38, 39
 For Graduation, 69
 For Honors Study Program, 74
 For Teacher Certification, 89-91
 Minimum Residence, 70
 Reservations, Room, See Room
 Residence, Place of, Approval Required, 45
 Also See Room
 Resident Study Required, 70
 Room, Also See Buildings
 Assignments, 45
 Deposit, 25
 Fee, 25
 Furnishings, 25
 Refund of Fee, 25
 Reservations, 25, 45, 55
 Student Residences, 44
 Schedule Changes, 62
 Scholarship
 Awards, 30-33
 Supervision and Suspension, 63
 Scholarships, See Student Aid
 Science, See Natural Science
 and Mathematics
 Secretarial Science, See Business
 Secretarial Training Program, 13, 82
 Semester Defined, 59
 Semester Hour Defined, 59
 Senior Women's Honorary Society, 40
 Seniors, 59
 Services, Student, See Student Services
Shadow, 43
 Shortland, 83
 Sigma Gamma Chi, 40
 Smoking, 37
 Social Studies
 Majors and Minors in, 143
 See Also Government, History, Sociology
 Sociology
 Courses in, 148, 149
 Minor in, 143
 Sophomores, 59
 Spanish, 113
 Special Curricula, See Special
 Programs of Study
 Special Examinations, 52
 Special Programs of Study
 Audit Privileges, 61
 Business, 82
 Honors Study, 74
 Precentistry, 14
 Prelaw, 14
 Premedicine, 14
 Preliminary, 139
 Secretarial, 13, 82
 Special Students, 59, 51
 Speech
 Courses in, 110, 111
 Minor in, 107
 Sports, See Athletics
 Standing Committees, Faculty, 159
 State Convention Scholarships, 31
 States Represented Among Students, 164
 Statistics, 163
 Student Aid
 Employment, 27
 Loan Funds, 28
 Ministerial and Missionary, 30
 Scholarships, 30
 Student Association, 39
 Student Center, 16, 45
 Student Conduct, 37
 Student Council, 39
 Student Government, 39
 Student Housing, See Room
 Student Life, 35-47
 Student Load, 61
 Student Marriages, 38

- Student NEA, 40
 Student Organizations, See by Specific Name
 Custody of Funds, 39
 Departmental and Professional, 40
 Eligibility for Holding Office, 39
 Honorary, 40
 Religious, 40
 Service, 40
 Student Publications, 42
 Student Residences, See Room
 Student Services
 Counseling, 46
 Guidance, 46
 Health, 45
 Remedial Programs, 69, 70, 93, 107, 134
 Teacher Placement, 46
 Student Teaching, 15, 92, 94, 95
 Student Union, Baptist, 40
 Summary of Enrollment, 163
 Summer Sessions, 15
 Supervision, See Academic Supervision
 Suspension from College, 63
 Swimming, 100

 Table of Contents, 5
 Teacher Training, 46
 Teacher Training, 15
 Teaching, See Education
 Tests, See Examinations
 Theory of Music, 116, 119

 Tours, Educational, 43
 Traditional Events, 47
 Transcript of Credit, 53
 Transfer of Credit, 53
 Transfer Students, 46, 53
 Trustees, Board of, 152
 Tuition, See Fees
 Tuition Grants, See Student Aid
 Typewriting, 81-83

 Unit of Credit, 59

 Varsity Club, 40
 Veterans
 College Approved for Training, 12
 Credit Allowed for Active Service, 99
 Vocational Preparation, See Special
 Programs of Study
 Voice, 116-118, 126-127

Who's Who Among Students, 42
 Withdrawal, 27, 46, 60, 63
 Wives of Christian Workers, 41
 Women's Recreational Association, 40
 Work Opportunities, 27

 Y. W. A., 41

 Zoology, 132

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 designated or to the donor himself.

SUGGESTED FORM FOR GENERAL PURPOSES

"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.





