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GRAND CANYON COLLEGE

PRESCOTT, ARIZONA

*"The Mile-High Campus
with a World-Wide Vision"*



ARIZONA SOUTHERN BAPTIST
HISTORICAL ARCHIVES
PERMISSION

CATALOGUE FOR 1949-50



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Foreword

The purpose of Grand Canyon College is to train young men and women in an environment that makes for high scholarship and Christian character.

Attendance at Grand Canyon College is a privilege, and this privilege may be forfeited by any student who is not willing to adjust himself to its environment, or who does not conform to its regulations.

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COLLEGE CALENDAR

FIRST SEMESTER

Orientation	September 14-16
Registration of all students except Freshmen.....	September 15
Registration of Freshmen.....	September 16
Classes Begin, 8:00 A.M.....	September 19
Faculty and President's Reception.....	September 27
Last day of registration for credit.....	October 1
Last day courses may be dropped.....	October 22
Mid-semester examinations	November 18-19
Thanksgiving Holidays	November 24-27
Classes Resumed, 8:00 A.M.....	November 28
Christmas Holidays	December 18 - January 1
Classes Resumed, 8:00 A.M.....	January 2
First Semester Examinations.....	January 31 - February 4

SECOND SEMESTER

Registration	February 6-7
Classes Begin, 8:00 A.M.....	February 8
Last day of registration for credit.....	February 20
Last day courses may be dropped.....	March 10
Mid-semester examinations	April 5-6
Spring Holidays	April 7-9
College Play	May 31
College Musical Concert	June 2
Second Semester Examinations.....	June 6-10

Summer Quarter

FIRST TERM

Registration	June 12
Classes Begin, 8:00 A.M.....	June 13
Last day of registration for credit.....	June 19
Faculty and President's Reception.....	June 20
First Term Examinations.....	July 13-14
First Term Closes.....	July 14

SECOND TERM

Registration	July 17
Classes Begin, 8:00 A.M.....	July 18
Last day of registration for credit	July 24
Second Term Examinations.....	August 17-18
Second Term Closes.....	August 18

BOARD OF TRUSTEES

Vernon E. Shipp, President.....Phoenix
U. R. Neely, Vice-President..... Casa Grande
Gerald Hall, Secretary.....Winslow

EXECUTIVE COMMITTEE

Vernon E. Shipp, Chairman

C. Vaughan Rock

S. L. Butler

C. B. Myers

H. M. Jennings

TERM OF OFFICE EXPIRES 1949

Vernon E. Shipp.....Phoenix
R. H. Tharp.....Tucson
Bert Lewis Chandler
C. B. Myers Prescott
Gerald Hall Winslow

TERM OF OFFICE EXPIRES 1950

J. W. Chappell.....Tucson
Frank W. Sutton.....Phoenix
H. M. Jennings.....Gilbert
Mrs. M. R. McCarty.....Tucson
S. L. Butler.....Peoria

TERM OF OFFICE EXPIRES 1951

C. Vaughan Rock.....Phoenix
Aaron Miller Coolidge
U. R. Neely.....Casa Grande
V. E. Boyd.....Prescott
Mrs. K. R. Greenwood.....Tucson

OFFICERS OF ADMINISTRATION

Willis J. Ray.....*President*

B.A., Simmons University, 1931
D.D., Hardin-Simmons University, 1946

Floy S. Wise.....*Dean*

B.S.E., University of Arkansas, 1929
M.A., University of Arkansas, 1936
Ph.D., University of Texas, 1945

Lola B. McCollough.....*Dean of Women*

Ph.B., University of Chicago, 1920
M.A., Columbia University, 1931
(All requirements for Ph.D. except dissertation)
University of Chicago

W. Neil Record.....*Business Manager*

B.A., Wayland College, 1949

Hazel Ellis Mansfield.....*Registrar*

B.A., Union University, 1932

Ruth Gibbons.....*Librarian*

B.A., Union University, 1932
B.S.L.S., Peabody College, 1940

Gwendolyn Spry, R.N.....*Nurse*

E. A. Born, M.D.....*Physician*

FACULTY OF INSTRUCTION

- Ames, Lois L. *Assistant Professor of Biology*
 B.S., Iowa State College, 1939
 M.S., Iowa State College, 1941
- Beck, Roland L. *Professor of Education and Head of Education Department*
 B.A., Oklahoma Baptist University, 1923
 M.A., University of Oklahoma, 1926
 Ph.D., University of Oklahoma, 1932
- Beck, Mrs. Roland L. *Instructor of English*
 B.A., DePauw University, 1927
 Additional Graduate Work: University of Oklahoma
- Brooks, T. E. *Associate Professor of Sociology*
 B.A., Howard Payne College, 1917
 B.C.T., Baptist Bible Institute, 1923
 M.S., University of Arkansas, 1948
- Daniel, Gay. *Instructor of Religious Education*
 B.A., Howard College, 1945
 Additional Graduate Work: Southern Baptist Seminary
 and
 W.M.U. Training School
- Holt, Anna B. *Assistant Professor of Foreign Language*
 B.M., Unionville College, 1916
 B.A., Union University, 1922
 M.A., George Peabody College, 1924
- Honchell, Frances. *Professor of Foreign Language and Head of Department*
 B.A., Eastern Kentucky State, 1935
 M.A., Peabody College, 1940
 (All requirements for Ph.D. except dissertation)
 George Peabody College
- LaRoe, Rachael. *Head of Department of Mathematics*
 B.A., Mary Hardin-Baylor
 M.A., University of Tennessee
 (All requirements for Ph.D. except dissertation)
 Duke University
- Mansfield, Howard. *Director of Athletics and Instructor of Physical Education*
 B.S., Union University, 1940
 Additional Graduate Work: George Peabody College
- McCollough, Lola B. *Dean of Women and Head of English Department*
 Ph.B., University of Chicago, 1920
 M.A., Columbia University, 1931
 (All requirements for Ph.D. except dissertation)
 University of Chicago

Puckett, J. Niles.....*Professor of Bible*

B.A., Mississippi College, 1931
 LL.B., Cumberland College, 1932
 Th.M., Southern Baptist Seminary, 1937
 Th.D., Southern Baptist Seminary, 1942

Record, W. Neil.....*Instructor of Bible*

B.A., Wayland College, 1949

Ten Harkel, H. E.....*Professor of Music*

B.M., Lawrence Conservatory of Music, 1929
 M.M., Roosevelt College, 1947

Silver, Samuel A.....*Professor of Economics and*

Head of Department of Business and Economics

B.S., University of North Carolina, 1933
 LL.B., National University, 1941
 LL.M., National University, 1948
 M.B.A., University of Georgia, pending

Silver, Mrs. S. A.....*Assistant Professor of Business and Economics*

B.S., University of Georgia, 1945
 M.B.A., University of Georgia, pending

Wise, Floy S.....*Professor of History and Head of Social Science Department*

B.S.E., University of Arkansas, 1929
 M.A., University of Arkansas, 1936
 Ph.D., University of Texas, 1945

Mrs. Blackman

FACULTY COMMITTEES

Admissions Committee—F. S. Wise, Chairman; R. L. Beck, Hazel Mansfield

Athletics and Health—W. Neil Record, Chairman; Howard Mansfield

Catalogue—F. S. Wise, Chairman; Frances Honchell, Gay Daniel

Discipline—F. S. Wise, Chairman; Lola B. McCollough, Anna B. Holt

Extra-Curricular Committee—H. E. Ten Harkel, Chairman; F. S. Wise, Adviser;
 Lois Ames

Faculty Program Committee—Hazel Mansfield, Mrs. S. A. Silver, Mrs. Roland L. Beck

Guidance—Roland L. Beck, Chairman; J. Niles Puckett, S. A. Silver

Instruction and Curriculum—Roland L. Beck, Chairman; All Department Heads

Library—Mrs. Roland L. Beck, Chairman; Ruth Gibbons, Rachael LaRoe

Ministerial Placement Committee—J. Niles Puckett, Chairman; W. Neil Record

Social Committee—Lola B. McCollough, Hostesses of All Dormitories

GRAND CANYON COLLEGE

LOCATION

Grand Canyon College is located in Prescott, Arizona which has an elevation of a little over 5300 feet. It is the site of the first capitol of the territory of Arizona. It is the geographical center of the state and a thriving summer resort. The population is more than 18,000. Perhaps no other city in the nation can boast of the proximity of so many scenic and historic places of interest, most notable of which are the Grand Canyon of Arizona, Petrified Forest, Montezuma Castle, Montezuma Well, Oak Creek and Walnut Canyons.

Prescott takes pride in the enviable reputation she enjoys in the relief of asthma, especially in children. Many of her most prominent citizens came here for asthma relief and remained to make Prescott their permanent home. In a survey to ascertain the effects of the climate on asthmatics, it was found that out of some 6,000 people contacted, one in every 35 had come here suffering from this ailment, and that 93 per cent of these had found 100 per cent relief.

Modern hard surfaced highways lead to Prescott. It is easily accessible over transcontinental U. S. Highways 66, 60, 70, and 80, connecting with 89A through scenic Oak Creek Canyon.

The Santa Fe railroad, Santa Fe Trailways and Greyhound Bus Lines serve Prescott. Trans World Airlines operates two transcontinental flights daily out of Prescott. Arizona Airways, an intra-state carrier, also provides two flights daily. Six major transcontinental air freight carriers use the facilities of Love Field.

HISTORY

Grand Canyon College was founded because there are only three accredited Baptist colleges within the boundaries of New Mexico, Arizona, Colorado, Utah, Nevada, California, Oregon, Idaho, Washington, Montana, and Wyoming. In these states there are more than seventeen million people, and there are five thousand towns and villages without a Baptist church. There are in this vast section sixty-eight per cent of the people who are unchurched.

The first definite steps toward founding the college were taken at the annual sessions of the Baptist General Convention of Arizona in 1946. At that time the Convention raised nearly \$10,000 and selected a special committee to study the following questions: (1) Where should the college be located? (2) What qualified persons were available for faculty members? They were to report to the Executive Board, which was to take up the matter at its first quarterly meeting after the Convention.

The Executive Board, following the instructions of the Convention, elected fifteen college trustees, who were charged with the responsibility of working out plans for the college and presenting them to the Board for their approval.

The site at Prescott was chosen for the college at a called meeting of the trustees in the First Southern Baptist Church, Phoenix, March 4, 1947, four months after it was launched.

In a historic special session of the Executive Board, April 2, 1948, at Phoenix, significant and far reaching steps were taken for the advancement of the Baptist cause in the state.

Upon a unanimous recommendation of the college trustees and after prayerful consideration, the Board with complete unanimity voted to commission Willis J. Ray, executive secretary, to go afield and to lead in the campaign to raise \$1,000,000 for the establishment of a Baptist college in Arizona. It had been the growing opinion among the Board members, pastors of the state, and the church members at large that Doctor Ray was the one man to lead in this tremendous undertaking. There is a spirit of complete harmony among the forces and constituency of the state convention, and Arizona Southern Baptists with one accord have enthusiastically endorsed this action and pledged themselves one hundred per cent to the support of Doctor Ray and the Board in the promotion of this Holy Spirit inspired movement.

The name of Grand Canyon was given to the college at a meeting of the trustees July 19, 1948, at the First Baptist Church, Coolidge, Arizona.

GENERAL PURPOSE

It is the general purpose of Grand Canyon College to offer standard four-year college work in an environment that is genuinely Christian. It is the purpose of the Board of Trustees, the administration, and every faculty member of Grand Canyon College to attract capable, ambitious, thoroughly Christian, well-balanced young people who can profit by a college education and who desire to enter the various fields of human endeavor: the ministry, law, medicine, teaching, business, and full-time Christian work, at home and abroad.

SPECIFIC AIMS

To fit into the general purpose as stated above Grand Canyon College aims to develop well-rounded, properly balanced personalities—morally, mentally, physically, socially, and spiritually.

1. By moral training we aim to develop habits of clean living, clean speech, temperance, personal decency—to develop a sense of responsibility for doing high-grade, honest work and a proper regard for the rights and feelings of others.
2. By mental training we strive to help the student use his mind in effective analysis, in accurate constructive thinking, in proper evaluation of evidence in distinction of truth from error—to develop creative scholarship.
3. By physical training we aim to include habits of temperance, healthful living, physical strength, and enjoyment of active participation in clean sports.
4. By social development we aim to instill a proper evaluation of social values as well as develop ease, enjoyment and poise in the association with people.

5. By spiritual growth we aim to stress an appreciation of spiritual realities of God, of God's natural universe and laws, of God's institutions, and of God's plan and purpose in each individual life.

The curriculum of Grand Canyon College is set up to further the purpose of the college to develop Christian leadership and thinking in all phases of man's activities throughout the world. At all times we stress the fact that we offer a liberal arts education in a church-related school, but at the same time offer the student a limited number of vocational subjects such as business, education, speech, music, etc.

The teaching and administrative staff is selected with these objectives in mind, emphasis being placed upon character, scholarship, personality and teaching ability. Evidences of character include dynamic Christian living, regular and faithful church attendance, financial support of local and denominational institutions, active participation in church affairs, as well as maintaining high standards of work and accomplishment for themselves and for their students that will equal that of other leading colleges and universities. Evidences of scholarship include the attainment of higher degrees earned, contributions in their fields of specialization, and habits of study and research. Teaching ability is largely judged by what the teacher's students know about a subject, and their interest in and success in pursuing further study. Evidences of personality include exemplary habits, a sense of humor, self-control, humility, friendliness, sympathetic understanding, fair-mindedness, neatness in appearance, punctuality and dependability in meeting all responsibility in the college and to his students.

The type of student attracted to the campus and kept there will largely determine the success in achieving these goals and objectives. The students needed and desired are: (1) Those with capacity, personality and background to do standard college work; (2) Those moved by lofty ambitions of service to God and to man; (3) Those who have well-balanced personalities, and not inclined to any particular extremes; (4) Those with good habits morally, socially, physically, ethically, and spiritually; (5) Those who are unselfish enough to recognize their responsibilities to other and the rights of others.

RECOGNITION

The Board of Trustees has committed itself to give all the financial backing within its power, and special efforts are being made by the administration in order to make it possible for the school to establish and maintain academic standards so high that its work will soon be recognized by the University of Arizona and the other state colleges, the State Department of Education, and by the North Central Association of Colleges and Universities.

An application for approval by the Veterans' Administration is being made so that veterans can attend the college and receive their compensation and school expenses. Definite approval cannot be obtained until school is actually in operation, but no trouble is expected in acquiring the necessary approval.

TEMPORARY BUILDINGS AND GROUNDS

Grounds

The temporary campus is located in the eastern part of the city within five blocks of the business district. The grounds are those of the City Park, the Smoki, and the Armory.

Buildings

Armory.—This stone building is to contain temporarily the administrative offices, classrooms, and the assembly hall of the college.

Smoki Museum.—This native stone building is to contain in addition to the Smoki Museum, the library of Grand Canyon College. The reading room of the library will contain the leading magazines, religious periodicals, and daily papers.

Athletic Field.—The athletic field which is in the City Park will be available for athletic contests and certain Physical Education classes.

Dining Hall.—The dining hall is conveniently located for all resident students. It is in the building of the Auro-Rest Dining Room. The kitchen adjoining is well-equipped and modern in every respect.

Reykdal Courts.—These buildings are to be used to house women students and a limited number of married couples.

Mountain Breeze Courts.—These are to be used to house men.

Medical Center.—Located near the campus will be a college infirmary containing: (1) Living quarters for the school nurse; (2) the clinic; and (3) rooms to house students who are ill.

THE PERMANENT BUILDINGS AND GROUNDS

Grounds

The campus proper of the college containing 85½ acres is located about four miles northeast of Prescott on highway 89. It is one of the most scenic spots in this region. It is partially surrounded by a beautiful lake.

Buildings

Administrative Building.—This is to be built soon. This will house the administrative offices, some classrooms and, temporarily, the library.

Girls' Dormitory.—This is to be a two-story building sufficiently large to house at least sixty girls comfortably.

Boys' Dormitory.—This is to be a two-story building which will house about sixty boys.

Classroom Building.—This is to be a two-story building which will contain most of the necessary classrooms.

STUDENT LIFE

FUNDAMENTAL REGULATIONS

First: Students are expected to conduct themselves as ladies and gentlemen at all times, to obey the rules of the school and the laws of the city and of the state.

Second: Students are not permitted to give entertainment during the college session, either on the campus or in the city in the name of the school or any department or any organization of it without the consent of the President, Dean, or Sponsor.

Third: Only bona fide students will be permitted to represent the college in public performances.

Fourth: No new club or society may be formed unless the faculty, on application, approves the design of such organization, the rules by which it proposes to be governed, and the hours of meeting. The faculty reserves the right to limit or disband any such organization.

Fifth: Students must be quiet and orderly in the residence halls or buildings, and thoughtful of the rights of others.

Sixth: While the faculty cannot assume full responsibility for the boarding students not on the campus, it reserves the right to make such regulations at any time as may seem advisable. The violation of the regulations on the part of a student may deprive him of the privileges of the school.

Seventh: The faculty will deal with all of the student organizations in the matter of discipline, as with individuals.

Eighth: No student is eligible to be elected to an office of a student organization of any kind unless he has at least an average grade of "C" in his school work.

DISCIPLINE

The President or Dean of the College and the Discipline Committee are charged with the administration of discipline. They have the power to rule in any irregularity pertaining to student routine.

All students, on entering any of the halls, voluntarily and tacitly agree to obey all rules of conduct and deportment that govern the halls.

Note: It sometimes happens that a student's presence in a hall is inimical to the best interests of the hall, and yet specific changes are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases, the interests of the hall as a home and sometimes of the individual himself, demand that he change his residence. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation, either before or while the student occupies the room, without preferring

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any specific charge whatever. Only in such cases is room rent refunded. Students may petition for one's removal without stating charges, or of having their names known to any persons except the President or Dean and the hall superintendent interested.

RELIGIOUS LIFE

Emphasis is placed not only upon the training of the body and the mind, but also upon the development of the moral and religious nature. In chapel exercises, in class rooms and in every relation where the occasion arises, it is in accord with the policy of the college that emphasis be given to the need of the value of Christian living.

There will be several religious organizations among the students:

First: The B.S.U. (Baptist Student Union) Council, which has general concern for the religious activities of the school.

Second: The Ann Hasseltine Y.W.A. (Young Woman's Auxiliary), which meets every other week.

Third: The Personal Workers' Band is open to all students who wish to do personal work on the campus, through our churches and on the mission field. This group meets twice each month.

Fourth: Ministerial Association. Grand Canyon College seeks to be a congenial home for young men who are preparing themselves for the gospel ministry. The ministerial students will have an organization which meets weekly for the purpose of discussing problems pertaining to the work of the ministry.

The students will conduct prayer meetings regularly in their halls. Each day at noon they will have a twenty minute prayer meeting in some designated room.

A revival will be conducted each year at some time during the regular session; and other periods of religious emphasis will be observed, such as Religious Emphasis Week and Religious Focus Week. Continuous emphasis upon Christian growth will be carried out.

STUDENT ORGANIZATIONS AND ACTIVITIES

Intra-mural Athletic Activities

During the fall and spring months in particular, a program of intra-mural sports is carried on in such activities as volley ball, horseshoes, badminton, softball, ping pong, etc. for both men and women.

Student Council

The membership of the Student Council is composed of a representative from each of the four classes, one representative elected by the student body at large, and the President of the student body. The purpose of the Council is

to provide a means of mediation for any problem that may arise from the student body, and to be a nucleus for planning any sports, contests, or events that will help build the morals of the school. The Council meets regularly in the Office of the Dean.

Clubs

Boosters Club.—The Boosters Club is an organization composed of representatives elected from the various geographical clubs. Its main purpose and aim are to foster and encourage the different student activities and to lend support and guidance to them. This club works in close relationship with the Student Council.

Geographical Clubs.—These clubs are composed of students of the different geographical regions of the United States, mainly by states; such as The New Mexico Club or The California Club. Each student is a member of one of them.

The Honorary History Club.—This club is open to all history majors and to those who have a first minor in history, if they have a high scholastic standing. Its purpose is to encourage scholarship and to aid the students in keeping abreast with historical events as they occur.

Majors Clubs.—Each department will organize a club open to its majors for the purpose of bringing about a better understanding between the students and the professors and closer fellowship among the students of the departments.

Education Student Tours

Once a month students will be permitted to make educational tours at cost to the following points of interest.

1. Grand Canyon
2. Boulder Dam
3. Oak Creek Canyon
4. Walnut Canyon Cliff Dwellings
5. Painted Desert, Petrified Forest, Meteor Crater
6. Sunset Crater, Ice Caves, etc.
7. Indian Reservations and Casa Grande Ruins
8. Gold Mines and Lumber Mills
9. Navajo Indian Reservation

COLLEGE HEALTH SERVICE

It is the aim of the college to help the student maintain the highest possible standard of health, certainly not lower than that enjoyed before he entered school. It is even hoped that by sound advice from health authorities of the college, we may be able to improve the health conditions of many and will do so with the cooperation of the students.

In order to maintain the health of the students, the college has employed a College Physician and adopted a sound physical training program for all, and will insist upon its observance within bounds of safe medical advice of the College Physician.

Each student, upon enrolling, will be thoroughly examined by the College Physician. He will be re-examined at the beginning of each year and at such times and in such manners as deemed necessary by the college.

The health status of the students will be taken into consideration for those wishing to carry an unusually heavy load.

Athletes must be approved by the College Physician before being permitted to participate in major sports. Examinations will be repeated during the period of participation in said major sports.

Persons found to be disease carriers, or to otherwise constitute a health menace to the school, will be asked to withdraw.

No fee will be assessed other than the medical fee as stated under expenses. To aid the College Physician, the college employs a trained nurse and maintains a sick and convalescing ward. All hospital services, medical fees for an operation, specialists fees and X-Rays are the responsibility of the individual.

GENERAL COLLEGE REGULATIONS

CHANGE OF CLASSES

No change in classes may be made without the written consent of the Professor or Professors concerned and the Dean, and the permit must bear the Business Manager's stamp. Any student who makes a class change without a change card properly filled in and filed with the Business Manager at the beginning of the term, shall not receive credit for the work of the course in question, even if claim is made at the close of the term. (These fees may be remitted where changes are made upon the recommendation of the Dean or President, or if necessitated by any changes made in the program by the Dean. Fees remitted only upon the approval of the President or Dean).

No change may be made in classes after two weeks of the term have elapsed.

SIZE OF CLASSES

Except under extreme circumstances, classes will be composed of a minimum of 10 to 12.

DROPPING OF CLASSES

No course may be dropped after the fifth week, except in case of extreme illness. In such a case a physician's certificate, approved by the college physician, must be submitted.

Notice of intent to withdraw should be filed within a week after the student becomes ill.

All students who officially withdraw from school for any reason after fourteen weeks of the semester have elapsed will be given the grade of "F."

GRADING SYSTEM AND QUALITY CREDITS

All work is graded by letter which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, F below 65. A, B, C, and D are passing grades, F is failure. A failure can be removed only by taking the course over again in class. P, indicating incomplete work or absence from examination by excuse, must be made up within the next semester of the student's residence; otherwise the incomplete grade becomes a failure.

For graduation a student must present a minimum of 124 quality credits, in addition to the regular 124 hour credits. When more than 124 hour credits are presented, the number of quality credits must equal the number of hour credits. It is not enough to have the required number of credits; they must be of standard quality. The system of quality credits is as follows:

Three quality credits are given for each credit hour of "A" grade, two quality credits for each credit hour of "B" grade, one quality credit for each credit

hour of "C" grade, and none for grades of "D." One quality credit shall be subtracted for each hour of "F" grade.

Note: A student failing one-half of any semester's work must obtain special permission from the Dean to enroll for the succeeding semester.

HONOR STUDENTS

Students making an average of 2.5 quality credits for each hour of credit, which is halfway between "A" and "B", during their college course, graduate as honor students, *cum laude*; the one ranking highest, with *summa cum laude*; and the three ranking next below with *magna cum laude* provided all are above the required 310 quality credits.

NUMBERING OF COURSES

The courses in the different departments are numbered from 100 to 500.

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.

LOSS OF CREDIT

Any student leaving a freshman subject until the senior year shall receive one hour less credit each semester for the delayed work.

REGULATIONS CONCERNING QUANTITY OF WORK

Freshmen may not register for more than sixteen hours during their first semester. After this time they may register for not more than seventeen hours unless during the preceding semester they made an average of "B" or above. The maximum number of hours for any student is eighteen.

Students who have employment other than school work may not at any time take over sixteen hours.

CLASS ABSENCES

At the end of each week each teacher shall make a report to the Dean's office of all absences in his classes.

A student who is absent from class more times than twice the number of periods the class meets per week will be charged with one-half semester hour per course missed, this negative one-half hour to be charged against the total number of hours for which the student is enrolled.

A student who is absent more than three times the number of periods the class meets per week will be automatically dropped from the class. Upon recommendation of the discipline committee and with the consent of the professor, he may, in exceptional cases, be reinstated.

This rule does not apply to members of the student body absent as approved representatives of the school; in such cases absences from chapel and classes are not counted, except that work must be made up.

CHAPEL ABSENCES

All students are required to attend the regular chapel exercises five times each week.

If the number of absences from chapel in any semester exceeds the number of times the student is required to attend in two weeks, the student will be charged with one-half semester hour. If the absences triple the number of times he is required to attend each week the student will be automatically suspended from school the remainder of the semester unless reinstated by the discipline committee.

ABSENCES FROM CLASS AND CHAPEL THE DAY IMMEDIATELY PRECEDING AND IMMEDIATELY FOLLOWING STATED HOLIDAYS WILL BE CHARGED AS DOUBLE CUTS.

CLASSIFICATION OF STUDENTS

College students will be classified as follows:

- (a) A student will be classified as a freshman who has no conditions required for entrance and who is carrying at least twelve hours of freshman work.
- (b) A student will be classified as a sophomore who has at least 30 semester hours of college work to his credit and 30 quality credits.
- (c) A student will be classified as a junior who has at least 60 semester hours to his credit and 60 quality credits.
- (d) A student will be classified as a senior who has at least 90 semester hours and one quality credit for each hour.

SELECTION OF MAJOR AND MINOR SUBJECTS

At the beginning of his junior year each student is required to choose the department in which he wishes to major, and then to consult the head of that department regularly thereafter in selecting the courses of study to be pursued. The student will be permitted to change to another department only by the consent of a committee consisting of the Dean and the two professors involved.

CORRESPONDENCE AND EXTENSION WORK

Neither correspondence nor extension work is offered by Grand Canyon College.

DEGREES OFFERED

The college at the present is offering but two degrees—Bachelor of Arts and Bachelor of Science.

FINANCIAL INFORMATION

EXPENSES

The regular school year is composed of two semesters, but the total school program is divided into two semester and two summer terms. Each semester is eighteen weeks in length, and each summer term is five weeks in length.

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 he can enroll in any class.

STUDENTS HAVING UNPAID BILLS AT THE END OF THE SEMESTER OR TERM WILL NOT BE ADMITTED TO THE FINAL EXAMINATIONS UNTIL SATISFACTORY SETTLEMENTS HAVE BEEN MADE. THIS RULE WILL BE ADHERED TO STRICTLY.

Tuition

Tuition for 12 - 16 semester hours.....	\$175.00
Tuition for less than 12 semester hours or more than 16 hours, per hour....	15.00

If the additional hour is for required course in physical education, there is no charge. There will be no extra charge for the courses in music taught in classes if a student is taking in addition at least ten semester hours of work.

Tuition for private lesson in voice and piano per semester:

Two lessons per week.....	\$ 72.00
One lesson per week.....	44.00
Practice room one hour per day.....	9.00
Additional hour per day.....	3.00

Fees

Biology Laboratory, each course.....	\$ 5.00
Change of Courses, except the first.....	1.00
Graduation	10.00
Late Registration	2.00
Medical Fee	6.00
Returned checks	1.00
Transcript of Credits except the first.....	1.00
Typewriting Laboratory, each course.....	5.00

Special Fees

Admission deposit (This will be applied against tuition, fees, and registration)	\$ 10.00
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The admission deposit is not refundable after September 1, unless applicant enters school.

Breakage deposit\$ 10.00

This is retained during the time in which the student is enrolled in school as a breakage fee.

Board, per scholastic month . . . (subject to change).....\$ 45.00

Room Rent: (Per scholastic month)

Mountain Breeze Court for Boys:

Two boys per room, each boy.....\$ 15.00—\$ 18.00
(Linens and blankets furnished by student)

Reykdal Court for Girls:

Two girls per room, each girl.....\$ 15.00—\$ 18.00
(Linens, towels, and blankets furnished by student, pillows
and bedspreads furnished by court)

Rent for Apartments: (per scholastic month)

Reykdal Apartments:

Two-room apartments for married couples:

Each apartment, per scholastic month.....\$ 30.00
(without utilities)

REFUNDS

If a student is forced to withdraw from school because of sickness or other unavoidable causes, approved by the administration, charge will be based on the following scale:

Attendance of two weeks or less.....	20%
Attendance between two and three weeks	40%
Attendance between three and four weeks.....	60%
Attendance between four and five weeks.....	80%
Attendance over five weeks.....	100%

Room rent will be made for remainder of scholastic month in which withdrawals occur. Meal charges will be made for the week in which withdrawals occur.

Laboratory Fees are not refundable.

ORGANIZATION FUNDS

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

LOANS

Money may be loaned to students at the rate of six per cent, or \$0.25 minimum charge if interest is less, for a period of time not to exceed one school year. The amount loaned to each individual is not to exceed the amount of tuition and fees for one semester. Loans are not made to Freshmen.

Applications for loans will be made to the President of the college, or to the Business Manager, during the absence of the President, who will refer it to a faculty committee for a final decision.

SCHOLARSHIPS

Baptist General Convention Scholarships

This scholarship is administered by a Scholarship Committee of the Baptist General Convention. It is available to ministerial students, their wives, and ministers' children. The money for the scholarships is given by churches, denominations, or friends. The requirements for these scholarships are:

- (1) The student must meet the college entrance requirements.
- (2) He or she must be deserving of a scholarship.
- (3) If a minister, he must be licensed or ordained.

Ministerial students may be granted a maximum scholarship of \$290 per regular school year. Wives and children of ministers may be granted a maximum of \$175 per regular school year.

For further information regarding these scholarships write to: The Baptist General Convention of Arizona, Scholarship Committee, P. O. Box 590, Phoenix, Arizona.

ADMISSION

METHODS OF ADMISSION

By Certification: Graduates of accredited high schools are admitted to the college upon receipt by the Registrar of an official transcript sent directly by the Principal or Superintendent of the high school.

By Examination: Students who have not met the certificate requirements may be admitted on satisfactory passing of a college entrance examination.

By Individual Approval: Veterans over 18 years of age and other students who are above 21 years of age and who show evidence of maturity and ability to do college work may be accepted on approval. In order to determine whether or not such students have the necessary background to do college work a battery of tests will be given them.

PRELIMINARY ENTRANCE REQUIREMENTS

High school graduates applying for admission to Grand Canyon College must secure an entrance certificate from the office of the Dean.

Before this certificate can be granted the applicant must file the following information in the office of the Registrar:

1. A transcript of his high school work.
2. A recommendation of the applicant from his principal.
3. A statement from the Principal or Superintendent giving the rank of the applicant in his graduating class.
4. A personality and ability rating sheet from the high school Principal or Superintendent.
5. A formal application from the student upon a form furnished by the college.

A high school graduate who is not eligible for regular admission (see page 21) may enroll in Grand Canyon College, but he will be placed on probation during the first year. In order for him to remain in college he must do, during that time, the minimum amount of work expected of other freshmen.

GENERAL REQUIREMENTS

Sex.—Applicants of both sexes are admitted to the college on equal terms.

Age.—An applicant must be at least 16 years of age.

Character.—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.

Vaccination.—An applicant must present a certificate showing that he has had smallpox or has been successfully vaccinated.

Physical Examination.—All applicants must take a general physical examination to show that they have no contagious or infectious disease.

SCHOLASTIC REQUIREMENTS

For regular admission to the freshman class a student must be a graduate of an accredited high school, and he must rank above the lowest quarter of his graduating class. His units presented must include:

Subjects	Units
English	3
Mathematics	1
Social Science	1
Science	1
Electives	9

REGULATIONS PERTAINING TO TRANSFER STUDENTS

Before enrolling at Grand Canyon College a student transferring from another college must present a transcript of all credits from the institution last attended.

Transfers who do not present the required high school units from an accredited high school can be admitted only on the face 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 too highly specialized nature and parallels satisfactorily the courses offered in the curriculum here.

No credit will be given for any course transferred if the grade in that course is lower than a "C" or its equivalent.

A maximum of twenty-five semester hours of extension work and/or correspondence work will be accepted from other institutions.

A student who has been asked to withdraw from another college because of poor scholarship can be accepted only upon the following conditions:

(a) That an interval of at least one semester must have elapsed from the time of his dismissal before he is admitted.

(b) That he maintain a "C" average during his first year in residence at Grand Canyon College.

(c) That in the event that he does not average "C" during his first year he shall, upon recommendation of the Dean and Registrar, be required to withdraw from college.

REGISTRATION

The Opening

The first day of registration will be Wednesday, September 14, 1949. By the end of September 16, all student enrollment should be complete. There will be a penalty for enrollment after noon on September 17.

Registration for Courses

A student may not receive credit for a course for which he is not properly registered.

Only under emergency conditions approved by the Dean may a student register for three days per week. In such cases he may carry a maximum of twelve hours per semester, but if he is employed for as much as three days a week, he will not be enrolled for more than nine semester hours.

No boarding students will be allowed to carry fewer than twelve semester hours work, except upon the advice of the College Physician, or by special consent of the Dean.

Paying Fees a Part of Registration

A student is not registered and is not entitled to college privileges until he has paid his fees, or until he has made satisfactory arrangements with the Business Office.

GRADUATION REQUIREMENTS

GENERAL REQUIREMENTS

The total number of semester hours required for graduation is 124 with a minimum grade average of "C".

Minimum Attendance.—A minimum of six semesters of residence in an approved college is required for graduation. Of this, two semesters consisting of at least 24 semester hours of work must be done in residence at Grand Canyon College. All work of the semester preceding graduation must be done in Grand Canyon College.

Work in Residence.—Transfer students are required to take in residence at Grand Canyon College at least six semester hours in their major subject and three semester hours in their first minor.

Minimum Amount of Language Allowed.—No credit for graduation will be given for less than a year of language taken in college, unless the student has as much as two high school credits in the same language.

SCHOLASTIC REQUIREMENTS

The completion of the required 124 semester hours usually requires four years of 30 semester hours each besides Physical Education. Of these the freshman and sophomore years are spent in general or introductory work, comprising courses in widely separated subjects. During the remaining two years, the student may combine his work in comparatively narrow limits. The work for the entire four year course consists of (1) Electives, (2) Prescribed courses, (3) Major and minor subjects.

Electives

A certain number of electives may be taken from the regular college courses offered in each department, but they must be from those which are not required in that particular group.

Prescribed Courses for Graduation with a Bachelor of Arts Degree

Bible	6 semester hours
English	12 semester hours
Foreign Language	14 semester hours
Health	3 semester hours
Mathematics	6 semester hours
Natural Science	6 semester hours
Physical Education	4 semester hours
Social Science	12 semester hours
<i>(Including 6 hours of American History or American Government.)</i>	
Speech	3 semester hours

Prescribed Courses for Graduation with a Bachelor of Science Degree

The same courses are required of students graduating with a Bachelor of Science degree as those required of students taking the Bachelor of Arts degree, except the students planning to take a Bachelor of Science degree do not have to take a foreign language. In lieu of two years of foreign language, they must substitute 14 hours of work in mathematics and/or science above the amount required in those subjects.

Majors and Minors

By the beginning of his junior year each student is required to select one subject to be known as his major in which he shall present at least 30 semester hours. Of these, 12 hours must be of junior-senior rank.

Within his concentration group, the student must also choose two minors in subjects other than his major. His first minor must consist of not fewer than 18 semester hours. Of these 6 hours must be from courses of junior-senior rank. His second minor must consist of not fewer than 12 semester hours.

The specific requirements concerning Majors and Minors in each department follow:

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

*Requirements for a Bachelor's Degree with a
Major in Business Administration*

Economics 213-223	6 semester hours
Business Administration 214-224.....	8 semester hours
Electives in Business Administration.....	16 semester hours

A student must have a minimum of thirty (30) semester hours in addition to typing.

*Requirements for a Bachelor's Degree with a
Major in Economics*

Economics 213-223	6 semester hours
Economics 313.....	3 semester hours
Electives in Economics.....	21 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Economics*

Economics 213-223	6 semester hours
Economics 313	3 semester hours
Electives in Economics.....	9 semester hours

DEPARTMENT OF EDUCATION

*Requirements for a Bachelor's Degree with a
Major in Elementary Education*

Psychology 213 and 243.....	6 semester hours
Education 313, 323, and 413.....	9 semester hours
Education 423 or 433.....	3 semester hours
Electives in Elementary Education.....	12 semester hours

*Requirements for a Bachelor's Degree with a
Major in Secondary Education*

Psychology 213, 243, and 373.....	9 semester hours
Education 273, 283, 353, 423, and 433.....	15 semester hours
Electives in Secondary Education.....	6 semester hours

*Requirements for a Bachelor's Degree with a
Major in Physical Education*

Physical Education 111, 121.....	2 semester hours
Physical Education 231, 241.....	2 semester hours
Physical Education 212 or 412.....	2 semester hours
Health Education 212.....	2 semester hours
Physical Education 272.....	2 semester hours
Physical Education 322.....	2 semester hours
Physical Education 422.....	2 semester hours
Physical Education 423.....	3 semester hours
To be selected from:	
Physical Education 312, 332, 342, 352, or 362.....	4 semester hours
Electives	9 semester hours
Required subjects in other fields:	
Biology 413.....	3 semester hours

DEPARTMENT OF ENGLISH

*Requirements for a Bachelor's Degree with a
Major in English*

English 113, 123, 213, and 223.....	12 semester hours
Electives in English.....	18 semester hours

*Requirements for a Bachelor's Degree with a
Minor in English*

English 113, 123, 213, and 223.....	12 semester hours
Electives in English.....	6 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Speech*

Speech 113	3 semester hours
Electives in Speech	15 semester hours

DEPARTMENT OF FOREIGN LANGUAGES

*Requirements for a Bachelor's Degree with a
Major in Spanish*

Spanish 114, 124.....	8 semester hours
Spanish 213, 223.....	6 semester hours
Electives in Spanish.....	16 semester hours

This requirement, and that of a minor, may be met in part in high school. In evaluating high school work in this language, the College will count two years as the equivalent of four semester hours.

Credit for the first semester of Elementary Spanish is granted to students in the College only at the completion of the second semester's work or after passing a proficiency examination on the right college level.

*Requirements for a Bachelor's Degree with a
Minor in Spanish*

Spanish 114, 124.....	8 semester hours
Spanish 213, 223.....	6 semester hours
Electives in Spanish.....	4 semester hours

*Requirements for a Bachelor's Degree with a
Minor in French*

French 114, 124.....	8 semester hours
French 213, 223.....	6 semester hours
Electives in French.....	4 semester hours

DEPARTMENT OF MUSIC

*Requirements for a Bachelor's Degree with a
Major in Music*

To major in music for the B.A. degree a student may select one of the following two fields of concentration:

1. Applied Music (Piano, Voice) with courses distributed as follows:

Applied Music	16 semester hours
Theory	16 semester hours

History and appreciation.....	4 semester hours
Electives	6 semester hours
Total	42 semester hours

2. Music Theory:

Theory	16 semester hours
History and appreciation.....	4 semester hours
Applied Music	8 semester hours
Advanced Courses	4 semester hours
Electives	10 semester hours

Total 42 semester hours

To major in music for the B.S. degree (Music Education Major) the following is required:

Applied Music 24 semester hours

Voice major:

Voice	12 semester hours
Piano	4 semester hours
Instruments	8 semester hours

Instrumental major:

Major Instruments	12 semester hours
Voice	4 semester hours
Minor Instruments	8 semester hours
Music Education	6 semester hours
Theory, methods and literature of music.....	12 semester hours
Total	42 semester hours

DEPARTMENT OF RELIGION

*Requirements for a Bachelor's Degree with a
Major in Bible*

Bible 113	3 semester hours
Bible 123	3 semester hours
Bible 253 or 273	3 semester hours
Bible 243 or 283.....	3 semester hours
Bible 373	3 semester hours
Electives in Bible.....	15 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Bible*

Bible 113	3 semester hours
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Bible 123	3 semester hours
Electives in Bible	12 semester hours

DEPARTMENT OF SCIENCE

*Requirements for a Bachelor's Degree with a
Major in Biology*

Biology 114, 124	8 semester hours
Electives in Biology	22 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Biology*

Biology 114, 124	8 semester hours
Electives in Biology	10 semester hours

*Requirements for a Bachelor's Degree with a
Major in Mathematics*

Mathematics 133	3 semester hours
Mathematics 143	3 semester hours
Mathematics 213	3 semester hours
Mathematics 313	3 semester hours
Mathematics 323	3 semester hours
Mathematics 413	3 semester hours
Mathematics 423	3 semester hours
Electives in Mathematics	9 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Mathematics*

Mathematics 133, 143, 213	9 semester hours
Mathematics 313, 323	6 semester hours
Electives in Mathematics	3 semester hours

DEPARTMENT OF SOCIAL SCIENCE

*Requirements for a Bachelor's Degree with a
Major in History*

History 113	3 semester hours
History 123	3 semester hours
History 213	3 semester hours
History 223	3 semester hours
Electives in History	18 semester hours

*Requirements for a Bachelor's Degree with a
Minor in History*

History 113.....	3 semester hours
History 123.....	3 semester hours
History 213.....	3 semester hours
History 223.....	3 semester hours
Electives in History.....	6 semester hours

*Requirements for a Bachelor's Degree with a
Minor in Sociology*

Sociology 213	3 semester hours
Sociology 223.....	3 semester hours
Electives in Sociology.....	12 semester hours

PHYSICAL TRAINING AND INTERCOLLEGIATE ATHLETICS

PHYSICAL TRAINING

Correlated with the health program of the school there is an extensive physical training setup. This includes ample playground equipment and provisions for major sports to insure suitable exercises for all. Four semester hours of credit are required of all students in physical training as well as three hours in health content subjects.

The physical training should be taken in the freshman or sophomore years, but for transfer students and others who have postponed this training, it must be made up before graduating.

The college employs a competent physical training instructor, a coach for major sports, and ample playground supervisors to make this program a success.

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 teams are already developed, and therefore do not need the inter-collegiate contests for their own physical growth, yet it is true that 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 that our collegiate teams may be a credit to the institution, and that it will be a compliment to a young person to be a member of the team, the faculty has adopted the following rules which will be strictly adhered to:

1. None but *bona fide* students of this institution shall be allowed to participate in inter-collegiate or inter-scholastic contests. By "bona fide" student is meant:

(a) Any student who is carrying a regular course of study of not fewer than twelve hours a week in the institution, and who was enrolled at or near the first of the term in which he plays.

(b) Any student who has not failed or who has been conditioned on not more than one-third of his work.

(c) Any student whose classification conforms to the rules governing classification of all students as shown above.

2. A member of the faculty shall accompany all teams when away from the College.

3. All funds shall pass through the books of the College office and all checks be signed by the Business Manager and Dean; and the President shall approve all contracts or orders involving money.

SUMMER SESSION OF 1950

The college will conduct a Summer Session annually. The Summer Session will continue for ten weeks. Classes will meet five days a week; a three semester hour course requiring seven and one-half clock hours a week per term. The first term of the Summer Session of 1950 will begin Monday, June 12, and will end Friday, July 14. The second term begins on Monday, July 17, and will end Friday, August 18. For registration after the first day a late registration fee of \$2 will be charged. Registration for credit will not be permitted after the first Monday following the date of registration.

ADMISSION TO THE SUMMER SESSION

The general rules and regulations of the college relating to admission to the college for credit apply to the Summer Session.

Regular students of the college in good standing are admitted as at any other time.

Prospective freshmen should file with the Registrar a complete official transcript of high school record.

Undergraduate students coming from other universities and colleges for the Summer Session only must present to the Registrar evidence that they are in good standing. Those who wish to continue in the fall semester must renew their application and file a complete transcript of record from each institution attended.

ACADEMIC CREDIT

The Summer session will be an integral part of the regular organization, with similar standards of academic accomplishment. The courses will be of the same character as those offered during the regular academic year. Credit obtained will be fully recognized toward the two degrees which the College confers.

EXPENSES

It is essential that all students have sufficient funds on entering to defray immediate expenses.

Tuition.—The tuition required of all students registered for credit will be the same per unit (semester hour) as that required during the regular session.

Laboratory and Material Fees.—In certain courses, laboratory fees will be required to cover the cost of materials and of breakage. The amount of the fee of each laboratory course is the same as that required during the regular session.

Dormitories.—Rooms in the dormitories may be obtained at reasonable rates. A room deposit of \$10 is required of all requesting reservations.

No fees except the room deposit are returnable.

For more detailed information concerning the Summer Session, inquiries should be addressed to the Dean of Grand Canyon College, Prescott, Arizona.

DEPARTMENTS OF INSTRUCTION

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

This department is being established in response to the growing demand for training along vocational lines. The courses are designed to prepare the student for entering business, or continuing advanced study.

Business Administration

113. *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.

3 semester hours.

123. *Business Mathematics.* A continuation of 113. Quadratic equations, amortization, sinking funds, mathematics of depreciation, and an introduction to business statistics.

3 semester hours.

133. *Introduction to Business Principles and Management.* Emphasis is placed upon function, organization and services of business including such specific problems as location, finance, personnel and marketing.

3 semester hours.

143. *Bookkeeping and Accounting.* This course starts with the very fundamentals of bookkeeping, a course designed for those who have had no accounting prior to college entrance.

3 semester hours.

213. *Business Law.* This course includes laws of persons, torts, contracts, agency, private property, sales, negotiable instruments and insurance.

3 semester hours.

214. *Principles of Accounting.* An introduction to the fundamental principles and practices of accounting; the construction and interpretation of balance sheet and profit and loss statements; the theory of debits and credits as applied to business transactions, various phases of partnership and corporation accounting.

3 semester hours.

224. *Principles of Accounting.* A continuation of 214. An application of accounting principles to certain specialized problems under the various forms of business organization. Manufacturing accounts and manufacturing cost controls; accounting for fire losses, bonds and sinking funds.

3 semester hours.

313. *Intermediate Accounting.* Theory and practice relating to the theory of the various balance-sheet accounts. Basic accounting theories are applied to the problems incident to partnership and corporation formation, operation, and liquidation. Theories determining valuation of current assets and their position on financial statements are stressed.

3 semester hours.

323. *Intermediate Accounting.* A continuation of 313. Emphasis on the valua-

tion of fixed assets and liability accounts with proprietorship reserves. Application of the theories of valuation to normal financial statements and interpretation of these statements.

3 semester hours.

333. *Industrial Organization and Combination.* A study of forms of business organization; combination movement and its causes; the investment trust; recent aspects of the public control of business.

3 semester hours.

343. *Industrial Management.* The problems incident to corporations, valuations of assets, theories of depreciation and depletion, investment valuation, funds, and related reserves, application of funds, analysis of capital, correction of records.

3 semester hours.

353. *Retail Merchandising.* A study of the organization and management of retail establishments; store location; store organization; buying; receiving; stock records; inventories; emphasis upon practical phases of catering business.

3 semester hours.

363. *Salesmanship.* A study of the laws of salesmanship and psychological application. Practical problems are solved.

3 semester hours.

373. *Advertising.* A comprehensive survey course covering the history and economics of advertising; research techniques, copy, and campaigns. Economic aspects of advertising as related to merchandise distribution are emphasized.

3 semester hours.

383. *Real Estate.* Land economics; real estate contracts, deeds, and mortgages; value of lease and leaseholds; valuation of real estate; questions of title and title insurance; brokerage.

3 semester hours.

393. *General Insurance.* Risks to which man and property are subjected and how the unfortunate financial consequences of these risks may be eliminated through insurance coverage; primarily to aid the buyer of insurance and to provide a foundation for those who may later wish to specialize in the insurance field.

3 semester hours.

413. *Auditing Principles.* The study of the principles governing auditing and auditing procedure. The qualification and responsibilities of the public accountant.

3 semester hours.

423. *Auditing Problems.* The application of auditing theories and principles to audit problems with emphasis upon preparation of audit working papers and reports.

3 semester hours.

433. *Cost Accounting.* Principles of factory and distributive cost accounting.

3 semester hours.

443. *Accounting Systems.* A study of the theory and practice of designing and installing systems.

3 semester hours.

453. *Income Tax Accounting.* An interpretation of federal income tax laws with practice material requiring an application of other provisions to the return of individuals, partnerships, and fiduciaries.

3 semester hours.

463. *Tax Accounting.* A continuation of the first course in tax with emphasis upon corporation income tax laws, social security taxes, gift taxes and estate taxes.

3 semester hours.

473. *Corporation Finance.* The promotion and organization of corporations; forms of securities issued; problems of financial administration; analyses of the causes of failure; the rehabilitation of bankrupt corporations.

3 semester hours.

483. *Public Finance.* A general consideration of American public expenditures, revenues, and fiscal administration.

3 semester hours.

493. *Investments.* The elements of an ideal investment; the examination and testing of specific securities issued by railroads, public utilities, industrial, mining, shipping, and other corporations.

3 semester hours.

Economics

213. *Principles of Economics.* A description and critical analysis of the organization of modern society from an economic point of view.

3 semester hours.

223. *Principles of Economics.* A continuation of 213. The application of economic principles to distribution of wealth, taxation, and proposals for economic improvement.

3 semester hours.

313. *Economic Problems.* This course includes a survey of the institutions existing under our economic system, and an analysis of such problems as the relation of government to industry, public finance and taxation, monopoly, labor organization, population, business cycles, the credit system, etc., in the light of economic principles.

3 semester hours.

323. *Economic Geography.* A study of the products of agriculture, commerce, and industry, and the conditions which affect their production, exchange and consumption.

3 semester hours.

333. *Economic History of the United States.* The progress of the nation in agriculture, manufacturing, commerce, transportation, money and banking, labor organization, and labor legislation.

3 semester hours.

353. *Labor Problems.* This course includes the examination of the major problems of labor: insecurity, wages and income, hours, sub-standard workers and organized labor. It also includes an analysis of the attempts at solution by employers, employees and society.

3 semester hours.

363. *Money and Banking.* A general survey of the subject; 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; foreign exchange.

3 semester hours.

373. *Principles of Marketing.* This course includes a study of marketing functions, marketing agencies, economic agencies, economic institutions, and commodities as related to the markets.

3 semester hours.

383. *Economics of Transportation.* A study of the economic principles of transportation, with special emphasis on the history and regulation of railroads.

3 semester hours.

413. *Economics of Consumption.* In this course such topics as motives for consumer choices, price behavior and the consumer, consumer protection by law, standards of living, budgeting, consumer credit, improvement in purchasing methods, and consumer education are discussed.

3 semester hours.

443. *International Trade.* An examination of the economic importance and problems of international trade. Analysis of the theory of international trade is presented as a tool to be used in the consideration of international problems of exchange rates and monetary standards, tariffs and other trade barriers, debts, and the positions of international trade in the post-war world.

3 semester hours.

463. *Public Utilities.* The development, characteristics, rights and duties of public utilities, with special emphasis on the problem of regulation of rates, service, securities, holding companies, etc.

3 semester hours.

473. *Business Cycles.* An analysis of the economic and social significance of business fluctuations, with a review of the important causes of business cycles and a summary of measures for controlling them.

3 semester hours.

Secretarial Science

113. *Typewriting.* This course is for students who cannot make thirty words per minute or students just beginning typewriting. It covers a general knowledge of the care and operation of the typewriter, mastery of keyboard and copying from plain copy.

3 semester hours.

123. *Typewriting.* Advanced work in typing, to be taken when a speed of at least thirty words per minute has been attained. Practice in letter writing, tabulation, business forms, rough drafts, and special emphasis on speed.

3 semester hours.

133. *Shorthand.* This course aims to master the principles of Gregg Shorthand with drills in the correct formation of word outlines and phrase forms the study of brief forms, daily reading from shorthand plates. Recitation and laboratory.

3 semester hours.

143. *Shorthand*. A continuation of 133. Additional study in phrasing and practice in reading shorthand and writing letters. Dictation and transcription of letters. Speed requirement of 80 words per minute. Recitation and laboratory.
3 semester hours.

233. *Intermediate Shorthand*. Mastery of all the principles of Gregg Shorthand. Speed and accuracy stressed.
3 semester hours.

243. *Advanced Shorthand*. Special vocabularies, continued practice in dictation and transcription of new matter. Speed requirement of 120 words per minute.
3 semester hours.

263. *Office Practice*. A course designed to help the student fit himself into the environment of the business office. A study is made of filing, office machines, business papers and forms, and office procedure.
3 semester hours.

313. *Secretarial Practice*. Training in office duties, including simple record keeping, filing, business machines, dictation and transcription. Prerequisites: Typewriting and Shorthand.
3 semester hours.

323. *Secretarial Practice*. A continuation of 313.
3 semester hours.

333. *Business Correspondence*. The study and technique of business letter writing. All types of letters will be studied; particular stress is given to the use of correct, forceful English in writing business letters and reports.
3 semester hours.

DEPARTMENT OF EDUCATION

The courses in education and psychology are planned and organized to meet the following requirements: (1) Major in Education; (2) a curriculum for elementary teachers; (3) a curriculum for high school teachers; (4) courses to meet Arizona certificate requirements and renewals.

Elementary Education

Education 113. *Introduction to Education*. This orientation course is designed to give the student a view of the whole field of education with emphasis upon its opportunities and requirements as a profession.
3 semester hours.

Education 213. *Teaching of Elementary Social Sciences*. Emphasis is placed upon the recent literature dealing with the curriculum methods, and materials of instruction in the social sciences of the elementary school.
3 semester hours.

Education 223. *Teaching of Natural Sciences*. Designed to acquaint the student with the methods of teaching nature study in the elementary grades. A study of the common plants, animals, trees, flowers and insects will be made.
3 semester hours.

Education 243. *Educational Psychology*. (See Psychology 243.)

Education 253. *Child Psychology*. (See Psychology 253.)

Education 313. *Tests and Measurements in the Elementary School*. This course deals with the philosophy of testing, the construction of tests, the actual administration and interpretation of tests. There will be opportunity for examination of sample tests.

3 semester hours.

Education 323. *Primary Methods*. This introductory course in progressive primary methods serves to acquaint the student with child life, child response, and child growth and development in relation to environment.

3 semester hours.

Education 333. *Language Arts*. Special emphasis is given to methods and materials of instruction in reading, language, composition, spelling and writing in all the elementary grades.

3 semester hours.

Education 343. *Teaching Primary and Elementary Arithmetic*. This course serves to acquaint the primary and elementary teacher with progressive approved techniques for teaching arithmetic and with the recent research in the field.

3 semester hours.

Education 413. *Elementary Curriculum*. Considers curriculum factors such as contemporary life and concept, principles and scope of curriculum construction and problems of instruction.

3 semester hours.

Secondary Education

Education 273. *Principles of Secondary Schools*. The fundamental facts underlying the aims and principles of secondary education are studied. Professional ideals of teaching are stressed throughout the course.

3 semester hours.

Education 283. *Methods of Teaching in High School*. A specific study of methods adapted to the teaching of high school subjects will be made in this course. This course is recommended for candidates for high school certificates.

3 semester hours.

Education 353. *Tests and Measurements*. A careful study is made of the whole testing and measuring program, covering the two fields of intelligence testing and educational testing and measurements. Special reference is made to high school level. Laboratory exercises in testing will be carried out.

3 semester hours.

Education 363. *Teaching English in High School*. A study will be made of some effective methods employed in successful schools and methods suggested by prominent educators. There will be a review of material required; classroom practice and demonstration.

3 semester hours.

Education 373. *Adolescent Psychology*. (See Psychology 373)

Education 383. *Teaching of Social Studies*. This course is organized to meet the needs of students who intend to teach sociology, civics, American problems, prob-

lems of democracy and other similar topics in secondary schools. The student is introduced to methods adapted to the needs of high school pupils. This course is offered primarily for those preparing for High School Teachers' Certificates.

3 semester hours.

Education 393. *Teaching of Mathematics in High School.* The course presents general and special methods of teaching mathematics in high school.

3 semester hours.

Education 423. *History of Education.* This is a survey course in the general development of education from ancient times down to the present. The course intends to be more extensive than intensive, and attempts to establish an educational background for students majoring in the field of education.

3 semester hours.

Education 433. *Philosophy of Education.* A careful and analytical study will be made of some of the more vital educational philosophies of the past and present, with the idea of developing a philosophy of education in the thinking of the student.

3 semester hours.

Education 443. *Curriculum, Construction and Development.* This course will deal with the fundamental principles of curriculum development and construction.

3 semester hours.

Education 453. *Administration of the High School.* This course includes a study of the practical problems involved in high school administration.

3 semester hours.

Education 463. *Teaching of Biology.* A course intended for those who plan to teach biology in secondary schools. Topics included are: trends in teaching biology, methods of selecting and organizing materials, teaching procedures and techniques. Prerequisite: 12 hours in biology.

3 semester hours.

Education 473. *Guidance Program in the Secondary School.* This is a study of the philosophy and methods of guidance—educational and vocational. This is an administrative course in education.

3 semester hours.

Education 483. *Extra-Curricular Activities in the Secondary School.* This is a study of clubs, assemblies, home rooms, and forms of student self-government. It is a course in administrative secondary education.

3 semester hours.

Education 493. *Administration of Audio-Visual Aids in Education.* The organization and administration of the audio-visual education program in public school curricula constitute the basic problems for this course. Special emphasis will also be placed on the application of the principles of educational psychology in the use of visual, audio-visual, and auditory aids in the instructional program.

3 semester hours.

Psychology

Psychology 213. *General Psychology.* A foundation course in the science of behavior. The study will include origin and development of behavior patterns,

motivation, emotional behavior, sensory functions, perception, intelligent behavior, and adjustment. Simple experiments will constitute a basic part of the work.
3 semester hours.

Psychology 243. *Educational Psychology*. This course takes up the general problems of learning, such as native and acquired characteristics, individual differences, motivation as well as the different theories of learning, and their application to the classroom situation.
3 semester hours.

Psychology 253. *Child Psychology*. An analysis of infant behavior; the motor and emotional development of children; motivation, thinking, work, and play in child life; the synthesis and integration of personality. Prerequisite: Psychology 213.
3 semester hours.

Psychology 373. *Adolescent Psychology*. The meaning and significance of adolescence; physical, mental, moral and religious development; adolescent impulses, interests, social tendencies and personality; the hygiene of adolescence; the guidance and control of adolescent behavior. Prerequisite: Psychology 213.
3 semester hours.

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 planned with the following aims: (1) to meet the state requirements of all elementary and high school teachers in this field; (2) to offer a varied program of physical activity which will contribute to the well being of the student; and (3) to train men and women as leaders in physical education, physical directors, and coaches. Beginning with the class of 1952 the college plans to offer a major in Physical Education.

Physical Education

111-121. *Conditioning Exercises*. Separate classes for men and women. Required of all freshmen. Two class meetings each week.
1 semester hour each.

131-141. *Individual Activities*. For students who are advised by college physician against taking P.E. 111-121. Modified activities to meet the needs of the student. Two class meetings each week.
1 semester hour each.

133. *Instruction and Practice in Archery*.
1 semester hour.

212. *Physical Education in Elementary School*. The purpose of the course is to prepare prospective teachers to carry out the physical education program in the elementary schools of the state. The course includes both games and exercises. Required of students taking the Two-Year Elementary Curriculum.
2 semester hours.

213. *Indoor Social Activities*. Games and contests for home, school, and community leisure time.
3 semester hours.

231-241. *Basic Physical Education*. Separate classes for men and women. Seasonal field and indoor sports such as touch football, volley ball, soft ball, basketball, tennis, table tennis, and other recreational sports that have carry-over value. Required of all sophomores. Two class meetings each week.

1 semester hour each.

251-261. *Basic Physical Education Observation*. For students who are advised by college physician against taking P.E. 231-241. Observation of the various games and sports taught in P.E. 231 and 241, and a study of the rules and program administration. Two class meetings each week.

1 semester hour each.

272. *Playground Administration*. A study of playground activities and their administration. Two class meetings each week.

2 semester hours.

291. *Marching, Tumbling, and Stunts*. Practice in the fundamental skills and techniques in tumbling and marching tactics.

1 semester hour.

312. *Athletic Coaching*. Coaching of Football.

2 semester hours.

322. *History of Physical Education*. A thorough foundation in the history of Physical Education emphasizing leaders of the past and present.

2 semester hours.

323. *Playground and Community Recreation*. The planning and administration of recreation programs for playground and recreation centers.

3 semester hours.

332. *Athletic Coaching*. Coaching of Basketball.

2 semester hours.

333. *Scout Leadership*. Organization and administration of the scout troop is emphasized.

3 semester hours.

342. *Athletic Coaching*. Coaching of Volleyball.

2 semester hours.

352. *Athletic Coaching*. Beginners' Tennis.

2 semester hours.

362. *Athletic Coaching*. Advanced Tennis.

2 semester hours.

372. *Methods of Promoting Intramural Activities*. Training and experience in conducting intramural programs in high school and college.

2 semester hours.

412. *Physical Education in Secondary School*. The purpose of the course is to prepare students who plan to teach Physical Education in high school to carry out the physical education program as required by the state at the high school level. The course includes both games and exercises. Required of all students who expect a certificate in Physical Education.

2 semester hours.

422. *Tests and Measurements in Physical Education and Health Education*. A study of various tests including those designed to measure neuro-muscular capacity of proficiency.

2 semester hours.

423. *Organization and Administration of Health and Physical Education.* A course designed for majors in physical education. The course deals with the administration problems in a department of physical education in the city school system, rural district, elementary and high school, and colleges.

3 semester hours.

432. *Coaching Track (Men).*

2 semester hours.

Health Education

113. *Elementary Nutrition.* The elementary principles of nutrition and relation of food selections to health. The construction of an adequate diet.

3 semester hours.

212. *First Aid.* Treatment used for fractures, dislocations, wounds, hemorrhages, poisoning, drowning and bandaging, artificial respiration, etc. Two class meetings each week.

2 semester hours.

312. *Health Education in Elementary School.* The purpose of the course is to supply a background in health education essential to the teacher in the elementary school. Methods of health instruction are included.

2 semester hours.

313. *Health Service in Elementary School.* The purpose of this course is to equip the teacher to carry on the health service program in the elementary school. Emphasis is placed on detection and isolation of communicable diseases, discovery of defects of the eyes, teeth, etc. Health examinations and follow-up work are stressed.

3 semester hours.

413. *Hygiene.* A practical course in personal and community hygiene, dealing with the applications of the findings of science and medicine to the improvement of daily living.

3 semester hours.

DEPARTMENT OF ENGLISH

The instruction given in English has three objects in view: First, a command of correct and clear English, spoken and written; second, the power of accurate and intelligent reading and the development of the habit of reading good literature with appreciation and enjoyment; third, a knowledge of certain authors whose works illustrate the development, not only of the English language, but also of literature. STUDENTS NOTABLY DEFICIENT IN SPELLING, READING AND ENGLISH GRAMMAR WILL BE REQUIRED TO MAKE UP ANY DEFICIENCY BEFORE ENTERING THE SENIOR YEAR.

English

English 110. *Remedial English.* This course furnishes a review of elementary grammar, spelling and usage. Its one aim is to strengthen the student in spoken and written composition.

No credit.

English 113. *Grammar and Composition.* The primary purpose of this course is to train students in writing. Grammar, spelling, punctuation and vocabulary building are emphasized. Many short papers are required.

3 semester hours.

English 123. *Composition and Literature*. Continuation of English 113. Outstanding examples of important modern types of writing are read and papers are written based on these. This is a basic course designed to develop reading and writing skills. 3 semester hours.

English 213. *Survey Course in English Literature*. The survey course furnishes the student a background for all advanced work in English literature. Literary types and outstanding works are studied from Beowulf to Wordsworth. Reports and themes are required. 3 semester hours.

English 223. *Survey Course*. (Continuation of English 213). The major literary movements and representative works of English writers from Wordsworth to Hardy form the content of this course. Reports and themes are requirements. 3 semester hours.

English 233. *Children's Literature*. Choice selections from all types of child literature by notable authors are studied in this course. Volumes of literature for children's libraries are examined. A handbook and anthology of children's literature are used as text books, supplemented by library reading. 3 semester hours.

English 313. *American Literature*. A study is made of trends of American literature, with emphasis on the important works of the major poets. The relationship of their writings to national development is considered. 3 semester hours.

English 323. *American Literature*. In this course the emphasis is on the essay and fictional forms, and on sources and treatment of material. 3 semester hours.

English 333. *The Short Story*. The development of different types of the short story, the reading of many representative stories, the analysis of technique and some practice in writing form the content of this course. 3 semester hours

English 343. *Advanced Composition*. This is an intensive review of grammar and usage; much practice in writing is required, with analysis of literary works. 3 semester hours

English 353. *Contemporary British and American Poetry*. Poetical trends and techniques are dealt with; wide reading from many and diverse writers in this field. 3 semester hours

English 423. *The Nineteenth Century Novel*. A study will be made of important works of English novelists from Austen to Conrad. 3 semester hours

English 433. *Shakespeare*. A close study will be made of the important early plays, with consideration of Shakespeare's development as a dramatist. 3 semester hours

English 443. *Shakespeare*. Continuation of English 433, covering the important later plays. 3 semester hours

English 473. *Milton*. In this course an intensive study will be made of Milton's background and important works. 3 semester hours

English 483. *Browning*. All of the important shorter poems will be read and much of *The Ring and the Book*, with a consideration of Browning's technique and philosophy. 3 semester hours

Speech

Speech 113. *Fundamentals of Speech*. This is a basic course and is the prerequisite of all courses in speech, drama and radio. It emphasizes voice and diction, phonetics and basic speech principles. 3 semester hours

Speech 123. *Introductory Public Speaking and Discussion*. The technique and practice of public discussion is stressed in this course as well as practice in various types of public speeches. Prerequisite: Speech 113. 3 semester hours

Speech 213. *Play Directing*. A study of the details of play directing and the techniques of the director as used on the stage. Prerequisite: Speech 113. 3 semester hours

Speech 223. *Religious Dramatics*. This course is a study of practical methods and materials for church drama. The worship service of the church is also studied. Prerequisite: Speech 213. 3 semester hours.

Speech 313. *Voice and Diction*. This course is a study of pronunciation, enunciation, voice production and vocabulary study. It gives stress to phonetics and voice improvement. Prerequisite: Junior standing in speech or consent of instructor. 3 semester hours.

Speech 413. *Principles and Types of Public Speeches*. This is a study of the various types of public speeches with an analysis of each type. Practice in the delivery of each type of speech is stressed. Prerequisite: Senior standing in speech or consent of instructor. 3 semester hours.

DEPARTMENT OF FOREIGN LANGUAGES

Recognizing that language is the medium of expression, the courses in this department are planned for two groups of students. First, suitable work is organized for those who are primarily interested in a cultural education, and who realize that only through the language of another people can one fully understand and appreciate their thoughts and life. Second, plans are made to meet the practical needs of those other students who may desire to enter the professions, to do graduate work, or come into business contact with our foreign speaking neighbors.

French

French 114. *Elementary French*. Fundamentals of grammar and pronunciation, conversation and composition, easy reading. 4 semester hours.

French 124. *Elementary French*. A continuation of French 114. 4 semester hours.

French 213. *Intermediate French*. Grammar review, conversation and composition, reading of suitable texts. Prerequisites: 114 and 124. 3 semester hours.

French 223. *Intermediate French*. A continuation of French 213.
3 semester hours.

French 313. *Survey of French Literature*. Lectures, readings, and reports on representative authors and works from the beginning of French literature through the seventeenth century.
3 semester hours.

French 323. *Survey of French Literature*. A continuation of French 313.
3 semester hours.

Latin

Latin 114. *Beginning Latin*. This course is planned for those students who have not had any Latin in high school. A thorough study will be made of the principles of grammar and syntax, and selections from Caesar will be read.
4 semester hours.

Latin 124. *Beginning Latin*. A continuation of Latin 114. Prerequisite: Latin 114 or two years of high school Latin.
4 semester hours.

Latin 213. *Cicero*. Selections from Cicero's *Orations* with syntax and grammar.
3 semester hours.

Latin 223. *Virgil*. Selections from Virgil's *Aeneid*, with special consideration of principles of grammar.
3 semester hours.

Spanish

Spanish 114. *Elementary Spanish*. Fundamentals of grammar and pronunciation, conversation and composition, easy reading.
4 semester hours.

Spanish 124. *Elementary Spanish*. A continuation of Spanish 114. Prerequisite: Spanish 114 or two years of high school Spanish.
4 semester hours.

Spanish 213. *Intermediate Spanish*. Grammar review, conversation and composition, reading of suitable texts. Prerequisite: Spanish 124.
3 semester hours.

Spanish 223. *Intermediate Spanish*. A continuation of Spanish 213.
3 semester hours.

Spanish 313. *Survey of Spanish Literature*. Lectures, readings, and reports on authors and works dating from the beginning of Spanish Literature through the seventeenth century. Prerequisite: Spanish 124, 213, and 223.
3 semester hours.

Spanish 323. *Survey of Spanish Literature*. A continuation of Spanish 313.
3 semester hours.

Spanish 333. *Commercial Spanish*. Practice in conversation and composition will be supplemented by study of the forms of correspondence and reading of material related to the commercial and cultural life of Spanish-speaking countries.
3 semester hours.

Spanish 343. *The Spanish Drama of the Golden Age*. A study of the most important dramatists of the Golden Age as Lope de Vega, Alarcon, Tirso de Molina, and Calderon.
3 semester hours.

Spanish 413. *The Modern Spanish Novel*. A study of novels by the best Spanish authors of the modern period. 3 semester hours.

Spanish 423. *The Spanish-American Novel*. The development of the novel in Spanish-America, with lectures, readings, and reports. 3 semester hours.

Greek

(See Department of Religion)

DEPARTMENT OF MUSIC

Any student interested in music but who does not wish to major in this department may apply for voice, piano, or other subjects offered. Participation in all musical organizations is open to any student enrolled in the college. Qualifications and classifications are made by auditions announced at the beginning of each semester.

Credit of one hour each semester is given for choir or orchestra, but not more than four hours of each may be counted toward a degree.

Choral Work

The College Choir: Membership is open to all students who qualify by audition. Music students are urged to participate. The choir is made up of a women's chorus and a men's chorus capable of performing separately and together. Numerous concerts and programs are given throughout the year. Secular and religious music are performed.

Vocal Ensembles: Quartets, trios and sextets are chosen from the chorus. To qualify for ensemble work, students must be able to read music and have a knowledge of interpretation and phrasing. These groups are chosen by the choral director.

Band and Orchestra

The college orchestra is open to any student capable of meeting the requirements of the director. Various types of programs are given each semester.

Student Recitals

At regular intervals informal and formal recitals are given. All applied music students are expected to perform in at least two recitals during each semester. All students who major in music are required to attend all student recitals.

A junior recital is required of every prospective graduate as prerequisite to senior work. Junior recitals are given in groups of two or three after completion of prerequisite technical examinations.

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 four months before graduation date.

Concert and Radio Work

Groups and individual performers are sometimes sent out upon request for church meetings and banquets. Programs are prepared for radio broadcasting, clubs, and various entertainments.

Practice

To receive one hour of credit for piano or voice, the student is required to take one lesson each week and to practice a minimum of one hour daily, six days each week. To receive two hours credit the time is doubled.

Voice students may divide the practice hour into two thirty-minute periods if so recommended by the voice instructor.

Theory

Music 113. *Introductory Theory and Sight Singing.* The rudiments of music are studied. Notation, scales, rhythms, intervals, ornaments, and the approach to harmony are discussed and applied. The singing, recognition, and writing from dictation of diatonic intervals, major and minor triads, and simple melodies are included. 3 semester hours.

Music 122. *Sight Singing and Dictation.* The development of listening and of analyzing music through the dictation and singing of melodies, chords, and simple modulations. 2 semester hours.

Music 123. *Harmony.* This course consists of chord building, four-part harmonization (figured and unfigured bass, and harmonization of simple folk tunes). One class hour each week consists of harmony applied to the keyboard. 3 semester hours.

Music 212. *Sight Singing and Dictation.* A continuation of Music 122. More difficult material is used. 2 semester hours.

Music 213. *Harmony.* A continuation of Music 123. 3 semester hours.

Music 313. *Advanced Harmony.* Modulations, suspensions, pedal point, modulation to both related and extraneous keys, and the harmonization of melodies and figured basses are studied. One class hour each week consists of keyboard harmony. 3 semester hours.

Music 323. *Advanced Harmony.* A continuation of Music 313. 3 semester hours.

Music 343. *Counterpoint.* A study of contrapuntal principles and practices in its various species from two to four-part writing. Prerequisite: Music 323. 3 semester hours.

Music 413. *Composition.* Original vocal and instrumental composition based on an analysis of works of the type to be written; analysis of the higher forms of music including the sonata. Prerequisite: Music 323 and four semesters of piano. 3 semester hours.

Music 434. *Orchestration.* The arranging of music for various combinations of instruments as well as full orchestra. Prerequisite: Music 323. 3 semester hours.

Piano

Music 111-121. *Class Piano*. Freshman piano includes all major and minor scales, chords, arpeggios. Czerny, Hiller, Bach Invention; Haydn sonatas; selections from Mendelssohn, Schumann and others.

1 semester hour each.

Music 211-221. *Class Piano*. Sophomore piano includes octave technique added to freshman keyboard drills. Bach, French suites; Mozart and Haydn sonatas.

1 semester hour each.

Music 131-141. *Piano—Private Instruction*. Courses arranged to meet the needs of students. Public performances arranged through recitals.

1 or 2 semester hours each.

Music 231-241. *Piano—Private Instruction*. Continuation of Music 131 and 141.

1 or 2 semester hours each.

Music 311-321. *Piano—Private Instruction*. Technical examination is given in keyboard facility. Clementi, Gradus Parnassum, compositions by Bach, Beethoven, Brahms, Chopin, Debussy and others are studied.

1 or 2 semester hours each.

Music 411-421. *Piano—Private Instruction*. Bach, Preludes and Fugues; the more difficult sonatas of Beethoven; Chopin, etudes, scherzos, polonaises; Liszt, rhapsodies; Brahms, Intermezzi; modern compositions and concertos are included in senior piano.

1 or 2 semester hours each.

Voice

Music 151-161. *Class Voice*. *Elementary* Vocal culture considers breath control, position, throat freedom, pure vocal sounds, and the placement of tones in them.

1 or 2 semester hours each.

Music 251-261. *Class Voice*. The development of staccato, legato, phrasing, tone coloring and distinctive enunciation, special technical work.

1 or 2 semester hours each.

Music 171-181. *Voice—Private Instruction*. Development in technique of voice production in singing.

1 or 2 semester hours each.

Music 271-281. *Voice—Private Instruction*. Continuation of Music 171 and 181.

1 or 2 semester hours each.

Music 331-341. *Voice—Private Instruction*. Participation in formal public recitals required. Prerequisites: Music 171, 181, 271 and 281.

1 or 2 semester hours each.

Music 431-441. *Voice—Private Instruction*. Continuation of Music 311 and 321.

1 or 2 semester hours each.

History, Appreciation and Conducting

Music 133. *History and Appreciation*. This course is a survey of music from its beginning through its periods of development to the modern day. Principal com-

posers of classical, romantic and modern periods, together with masterpieces of the different periods will be presented and discussed.

3 semester hours.

Music 233. *History and Appreciation*. A continuation of Music 133 with emphasis placed on a survey of great compositions from the instrumental and vocal literature of all periods.

3 semester hours.

Music 353. *Church Music*. A study of the music of the early Christian church, the medieval church, and the music of the eighteenth and nineteenth centuries. Music standards and hymnology are considered.

3 semester hours.

Music 363. *Choral Conducting*. Techniques of conducting hymns, anthems, and other choral music are applied to actual performance. Interpretation and choral repertoire are emphasized.

3 semester hours.

Music 433. *Band and Orchestra Conducting*. Baton technique for conducting: score reading and actual conducting of marches, overtures, symphonies, etc.

3 semester hours.

Music Education

Music 373. *Music in the Primary Grades*. Study and demonstration of material and methods for the first three years in music; the selection, presentation and interpretation of rote songs; a study of the child voice; and the preparation of lesson plans.

3 semester hours.

Music 383. *Music in the Intermediate Grades*. Problems and practices of teaching music in the intermediate grades. Part singing, sight reading and rhythmic development continued.

3 semester hours.

Music 443. *Music in the Junior and Senior High Schools*. Methods for developing and conducting the music program in high school, including the organization of choruses and glee clubs; classification of voices; music appreciation; selection of music material, etc.

3 semester hours.

DEPARTMENT OF RELIGION

The courses in this department are basic courses designed for all college students. They are not professional courses for ministerial students to take the place of studies in a theological seminary or a divinity school. If ministerial students are fairly certain that they will continue their studies in a seminary, it is suggested that they major in some other department such as English, Education, or History. The courses offered in this division are intended to give the students an understanding and appreciation of the Bible and to arouse in students a desire for Christian usefulness and to equip them for leadership in the various activities of the church.

Bible

Bible 113. *Old Testament History*. An introduction to the Old Testament and a survey of the historical literature. Attention will be given to the institutions, religion, and national life of the Hebrew people. Required for graduation.

3 semester hours.

Bible 123. *New Testament History*. A general survey of the New Testament, beginning with the inter-Biblical period, with the main emphasis given to the Gospels and Acts. Required for graduation.

3 semester hours.

Bible 243. *Evangelism*. A study of the principles, message, and methods of evangelism. The principles of the Bible will be applied in all types of evangelism, including personal, church and mass evangelism. Each student is expected to do personal work as a part of this course.

3 semester hours.

Bible 253. *General Epistles*. This study will deal with the historical background, authorship, and exegetical analysis of the General Epistles (James; I and II Peter; I, II, and III John; Jude; and Hebrews).

3 semester hours.

Bible 273. *Pastoral Duties*. This will be a study of practical duties and problems of the modern pastor, translating New Testament principles into present day practice. Such matters will be studied as ordination, baptism, Lord's Supper, marriages, and funerals.

3 semester hours.

Bible 283. *Homiletics*. A study in the art of preparing and delivering sermons. There will be some actual practice in the delivery of sermons. Some attention will be given to the building and use of a personal library.

3 semester hours.

Bible 333. *Old Testament Prophets*. A study of the occasion, content and interpretation of the writing prophets of the Old Testament, with special emphasis on the Messianic element.

3 semester hours.

Bible 343. *Life and Writings of John*. A study of the life and times of John, the beloved apostle, followed by an analysis of The Fourth Gospel, the Johannine Epistles, and the Revelation; these will be treated as to sources, authorship, date, vocabulary, form and content.

3 semester hours.

Bible 353. *Old Testament Poetry*. A study of the poetical books of the Old Testament, with reference to their literary style, occasion, and interpretation.

3 semester hours.

Bible 373. *Christian Doctrines*. A systematic study of the great doctrines of the Bible, with special attention given to the doctrines and practices of Baptists.

3 semester hours.

Bible 433. *Life and Teachings of Christ*. A careful study of the life of Jesus with special emphasis on His person, teachings, and work.

3 semester 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.

3 semester hours.

Bible 453. *Comparative Religions*. A comprehensive study of the great representative religions of the world in comparison with Christianity.

3 semester hours.

Bible 463. *Biblical Backgrounds*. A geographical and archaeological survey of

Palestine and surrounding countries including the important political, social, and religious customs and conditions pertaining to Biblical history.

3 semester hours.

New Testament Greek

The courses listed below are designed first, to confer an early mastery of the essentials of inflection and syntax; second, to resolve the principal difficulties of grammatical analysis; and third, to develop in the student a vigorous and independent interest in the Greek New Testament. Fourteen hours of Greek (two years) will meet the language requirement for the Bachelor of Arts degree.

Greek 274. *Beginners' Greek*. This course is designed for those who are taking the study of Greek for the first time and for others whose preparation does not fit them for entering an advanced class in Greek. It aims to give the fundamentals necessary to the study of the Greek New Testament. This course meets an hour each day, five days a week. Sophomore standing or individual approval is necessary before enrolling in this course.

4 semester hours.

Greek 284. *Beginners' Greek*. This course is a continuation of Greek 274. A study of Davis' Grammar will be completed with simple exercises for reading and translation. Special stress will be laid upon the meaning of the cases, the prepositions, and the tenses. This course will meet an hour each day, five days a week. Prerequisite: Greek 274 or its equivalent.

4 semester hours.

Greek 373. *Advanced Greek Grammar*. For second year students of the Greek New Testament. 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 demonstration of the significance of verb forms as vital to accurate translation. Prerequisites: Greek 274 and 284, or their equivalent.

3 semester hours.

Greek 383. *Exegesis: The First Epistle to Timothy*. The design of this course is to prepare the student for the use of the most effective methods of exegesis of the Greek New Testament. A thorough study will be made of First Timothy, and the student will learn about the Minister of the Gospel: his character, conduct and duties. Prerequisites: Greek 274, 284 and 373.

3 semester hours.

Greek 473. *Exegesis: A New Testament Book*. A book of the New Testament will be studied exegetically from the standpoint of the Greek. From an analysis of each sentence and section in the Greek, the teachings are drawn out contextually and in outline form. Prerequisites: Greek 274, 284 and 373.

3 semester hours.

Religious Education

113. *A Survey of Religious Education*. This will be an introduction to and a brief survey of the entire field and program of religious education with emphasis on teaching, organization and administration of the program.

3 semester hours.

263. *Christian History*. A survey of the growth of Christianity from the New

Testament period to the present. An effort is made to understand modern Christianity in the light of its historical development.

3 semester hours.

343. *Church Activities and Denominational Work.* A study of the organization, government and work of a church and of organized means for the cooperation of churches. This course will emphasize the practice of Religious Education in the organizations of the local church.

3 semester hours.

413. *Baptist History.* A study of the history of Baptists up to the present. An outline of Baptist principles based on the Bible will be studied, and a history of these principles will be traced to our present day.

3 semester hours.

423. *Christian Missions.* A survey of the history and influence of Christian missions throughout the world with special emphasis upon the missionary activities of Southern Baptists.

3 semester hours.

DEPARTMENT OF SCIENCE

Biology

The courses in biology are offered for the purpose of general culture as well as to lay proper foundations for those desiring to specialize in scientific work, in medicine, agriculture or engineering. Not all courses listed are offered in any one year.

Biology 114-124. *General Biology.* The student is introduced to the basic principles of the science of living matter through a study of the common forms of plants and animals. The laboratory work includes use of the microscope, preparation of slides of fresh materials and dissections of the principal type forms used in elementary zoology. The life cycle of important species and basic biological principles and laws are emphasized. The department requires Biology 114 of all beginning students. Biology 114-124 meets the laboratory science requirement for graduation. When transferring credit to other schools Biology 114 may be counted as the first semester's work in Botany and 124 as the first semester's work in Zoology.

4 semester hours each.

Biology 134. *General Botany.* A study is made of plant biology, especially that of the flowering plants. The structure and functions of the various organs of the flowering plant are given special consideration. Prerequisite: Biology 114.

4 semester hours

Biology 144. *General Invertebrate Zoology.* The course is for the Biology and Preprofessional majors. Beginning the second semester the invertebrate animals are studied in a much more detailed manner than in 124.

4 semester hours.

Biology 214. *Vertebrate Zoology.* This course includes a study of the different chordata subphyla with the emphasis on the anatomy of a representative in each class of the vertebrata. Prerequisites: Biology 124 and 144.

4 semester hours.

Biology 224. *Comparative Vertebrate Anatomy.* A study of the origin and development of vertebrate organ systems. Dissections of representatives of major

vertebrate types are made in the laboratory. The early embryological development of these forms is studied and compared with each other and with the adult. Prerequisites: Biology 124, 144 and 214.

4 semester hours.

Biology 234-244. *Human Anatomy and Physiology*. Dissections of a vertebrate form and comparing the parts and functions of its various systems with their homologues in the human body. Lecture two hours, laboratory six hours. Prerequisites: Biology 124, 144, 214, or enrollment in it.

4 semester hours each

Biology 313. *Animal Ecology*. Wild animals of North America—their adaptations, communities, habitat, succession, conservation, etc. Prerequisite: Biology 124. 3 lectures, 1 laboratory period a week.

3 semester hours.

Biology 314. *Systematic Botany*. The principles of taxonomy are studied and practical applications made on the local flora. Specimens are keyed and added to the Department Herbarium. Prerequisite: Biology 134.

4 semester hours.

Biology 324. *Genetics and Eugenics*. Principles and facts of heredity developed from plants and animals. Principles of race improvement. Prerequisites: Biology 114-124.

3 semester hours.

Biology 334. *Vertebrate Embryology*. Animal development from the egg to the period of extra-uterine or extra-ovular existence. Prerequisites: Biology 124 and 224.

4 semester hours.

Biology 413. *Applied Anatomy and Kinesiology*. Origins, insertions, and actions of muscles. Emphasis on postural problems. Prerequisites: Biology 124 and 234-244.

3 semester hours.

Mathematics

All students are required to take six semester hours of mathematics. Mathematics 113 and 123 and Business Mathematics 153 and 163 are given for those students who do not plan to major in mathematics, but desire to learn to solve the problems met in everyday life.

Mathematics 113. *General Mathematics*. Designed for students whose interests do not center in the field of mathematics. Functional aspects of most branches of mathematics. (This course is not designed for those who plan to major in mathematics, but for those with a limited background in this field).

3 semester hours.

Mathematics 123. *General Mathematics*. Continuation of Mathematics 113.

3 semester hours.

Mathematics 133. *College Algebra*. A study is made of binomials, complex numbers and theory of equations.

3 semester hours.

Mathematics 143. *Plane Trigonometry*. This course includes construction and measurement of angles, definition of trigonometric functions, solution of right triangles, scalene triangles, and study of inverse functions.

3 semester hours.

Mathematics 153. *Spherical Trigonometry*. The study presents solution of oblique and right spherical triangles. Prerequisite: Mathematics 143.
3 semester hours.

Mathematics 213. *Analytical Geometry*. This is an introductory course which presents a study of graphs, curves, straight lines, conic sections, and equations of the second degree. Prerequisite: Mathematics 133.
3 semester hours.

Mathematics 313. *Differential Calculus*. The study covers methods of differentiation.
3 semester hours.

Mathematics 323. *Integral Calculus*. The study covers methods of integration, definite integrals, multiple integrals, and applications. Prerequisite: Mathematics 313.
3 semester hours.

Mathematics 393. *Methods of Teaching Mathematics in the High School*. The course presents general and special methods of teaching mathematics in high school.
3 semester hours.

Mathematics 413. *Theory of Equations*. Prerequisite: Mathematics 213. Offered on demand.
3 semester hours.

Mathematics 423. *Differential Equations*. Prerequisite: Mathematics 313. Offered on demand.
3 semester hours.

Mathematics 433. *Descriptive Geometry*.
3 semester hours.

Mathematics 443. *Advanced Calculus*.
3 semester hours.

DEPARTMENT OF SOCIAL SCIENCE

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. Therefore every citizen to vote, talk or to act intelligently, must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

History

History 113. *European Civilization*. This course includes the period from the fall of the Roman Empire in the West until 1660.
3 semester hours.

History 123. *European Civilization*. Includes the period from the age of Louis XIV to the present.
3 semester hours.

History 213. *American History*. A study of the foundations of American institutions, of colonial development and the expansion of sectionalism, and the development of the new republic to the present time.
3 semester hours.

- History 223. *American History*. A continuation of American History 213.
3 semester hours.
- History 313. *History of England to 1688*. A study of the origin and the development of the English people; their political, social, economic, and cultural institutions. Prerequisites: History 113 and 123.
3 semester hours.
- History 323. *History of England from 1688 to the Present*. A continuation of History 313.
3 semester hours.
- History 333. *The Renaissance and Reformation*. A study of the invention of printing and the diffusion of knowledge; the rediscovery of classical civilization; the vogue of classicism and humanism; the rise of literature and art; the development of natural science and historical criticism; Martin Luther and the revolt from Rome; Zwingli, Calvin, Knox and others; the Counter-Reformation; the rise of the Jesuits and the Inquisition; the Thirty Years' War; Papacy and Empire.
3 semester hours.
- History 343. *The French Revolution*. A study of the Old Regime, the influence of the Philosophers, the Estates General, the National Constituent Assembly, the attempts of France to establish a stable government during the 1790's, the Reign of Terror, Robespierre and other leaders, the rise of Napoleon Bonaparte, the foreign wars, the Empire and the reorganization of Europe, the Congress of Vienna.
3 semester hours.
- History 353. *History of Latin America*. It is the purpose of this and following courses to give a complete survey of the Latin American countries from their discovery to the present time. Prerequisite: 12 hours in history.
3 semester hours.
- History 363. *History of Latin America*. A continuation of History 353.
3 semester hours.
- History 413. *Advanced American History*. The course covers the period since the World War I and emphasizes economic, social and political developments. Prerequisite: History 113, 123, 213 and 223.
3 semester hours.
- History 433. *Europe from 1870-1914*. A study of Europe and its industrial development: The imperial politics of the great powers and their clashes in world politics between the years 1870 and 1914.
3 semester hours.
- History 443. *Europe Since 1914*. A continuation of History 433.
3 semester hours.
- History 453. *History of American Diplomacy, 1776-1865*. A survey of the foreign affairs of the United States from the Revolution through the Civil War. Prerequisites: History 213 and 223, or Senior standing.
3 semester hours.
- History 463. *History of American Diplomacy, 1865 to Present*. A study of those international experiences of the United States which seem to reveal the American foreign policy. Prerequisites: Senior student or courses 213 and 223.
3 semester hours.

Government

Government 213. *Federal Government*. An intensive study of the Federal Government of the United States. The purpose of this course is to furnish a guide to American citizenship, as well as to furnish a manual for the various phases of the constitutional system of the United States. Prerequisite: Sophomore standing.

3 semester hours.

Government 223. *State Government*. The purpose of this course is to give an intensive study of the state and local government of Arizona. A general survey will be given covering the government of all forty-eight states, but emphasis will be placed on all important phases of state and local government as it applies to Arizona.

3 semester hours.

Government 313. *Political Parties*. A study of the nature, development, organization and methods of political parties, and the conduct of elections. Prerequisite: Junior standing.

3 semester hours.

Sociology

Sociology 213. *Principles of Sociology*. A study of the person and his world, the social processes, including cooperation, conflict, accommodation, and assimilation; also the means of social integration including the various institutions such as the family, the school, the church, business and the state.

3 semester hours.

Sociology 223. *Social Problems*. A general study is made of the problems created by dependents, defectives and delinquents; intemperance; and problems created by the existence of war, family disorganization, crime and poverty. Prerequisite: Sociology 213.

3 semester hours.

Sociology 313. *Rural Sociology*. A study of social conditions of rural population, centering chiefly about the home, the school and the church, and including such problems as health, recreation and movements of rural populations. Prerequisite: Sociology 213.

3 semester hours.

Sociology 323. *Modern Cities*. A study of the historical development of the American city. The social structure of the city is analyzed and the social problems peculiar to the city are studied. Prerequisite: Junior standing.

3 semester hours.

Sociology 413. *Marriage and the Family*. This course attempts to make a sociological analysis of the family which will 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 necessary adjustments of marriage, and family life.

3 semester hours.

Sociology 423. *American Minority Problems*. 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. Immigration—its history, the present situation, and our post-war policy.

3 semester hours.

APPLICATION FOR ADMISSION TO GRAND CANYON COLLEGE

Mr.....Mrs.....Miss.....DATE.....

Last Name

First Name

Middle Name

Present Address.....

Place of Birth.....Date of Birth.....

Name of Parent or Guardian.....Relation.....

Address of Parent or Guardian.....

Are you a Veteran?.....Occupation of Parent or Guardian.....
(Yes or No)

Name of High School.....Location.....

Did you graduate?.....When?..... If you are entering college for the first time, request your high school principal to send a transcript of your credits to the Registrar, Grand Canyon College, Prescott, Arizona.

Have you attended college since graduation from high school?.....Where?.....

..... If you are transferring from another college, Name and location of college request the Registrar to send a transcript of your college credits to the Registrar, Grand Canyon College, Prescott, Arizona.

When do you plan to enter Grand Canyon College?.....Will you need a room reserved?..... If not, state what your living arrangements will be.....

Occupational interest.....Denominational preference.....

Are you a member?.....What church?.....
Yes or No Name, location and pastor

.....Do you drink alcoholic beverages?.....Do you use tobacco?.....

What course of study do you wish to follow at the College?.....

Married..... Single..... Divorced..... Children.....
Yes or No Yes or No Yes or No List ages

Nationality..... Race..... Condition of health.....

Height..... Weight..... Eyesight..... If you have any health difficulty or physical defects, explain briefly:.....

List your high school and college activities (include honors and honorary organizations):

.....

.....

.....

.....

Submit the following with this application:

1. A smallpox certificate.
2. A health certificate from your family physician.
3. Two letters of recommendation, one from one of your school officials (principal, teacher, counselor, etc.), the other from your minister or some responsible person in your community.
4. A \$10.00 Admission Deposit. (This will be applied against tuition and fees for the first term.)

(Signed)

CERTIFICATE OF RECOMMENDATION FOR ADMISSION TO GRAND CANYON COLLEGE

This is to certify that.....is of good moral character;
that he attended the.....High School, located at
.....from.....to.....; that he completed the
work and ranked in the First, Second, Third, Fourth (underscore one) Division of his class.

If transcript of credits has not been mailed to us, will you please enclose this information with this certificate of recommendation.

Do you recommend the applicant for admission to college?.....; for the following
Yes or No

reasons:

Your confidential rating of this student will be of value to us in directing his studies and student life. Please check characteristics opposite each item and return to us

PERSONALITY AND ABILITY RATING

Intellectual Ability	Dull	Slow	Average	Alert	Very keen
Scholastic Zeal	Unresponsive	Lazy	Average	Energetic	Craves scholarly tasks
Initiative	Needs supervision	Needs encouragement	Does ordinary assignments	Does supplementary work	Seeks additional tasks
Integrity	Dishonest	Tricky	Dependable	Conscientious	Loyal to high ideals
Cooperation	Self-centered	Cooperates when pressed	Willing to work with others	Can assume some responsibility	Eager to accept responsibility
Leadership Ability	Follower	Lets others lead	Leads in minor affairs	Leads in important affairs	Inspiring leader
Emotional Stability	Goes to pieces easily	Slightly unstable	Usually well balanced	Well-poised	Exceptionally well-poised
Personality	Displeasing	Unattractive	Average	Pleasing	Attractive
Manners	Unfamiliar with social customs	Tries to conform to customs	Careless	Punctilious in observing customs	Acts graciously always
Social Attitudes	Anti-social	Self-centered	Usually considerate of others	Always considerate of others	Strongly altruistic
Influence on others	Extremely unwholesome	Somewhat unwholesome	Little either good or bad	Wholesome	Unusually wholesome
Maturity	Playful	Immature	Slightly immature	Normal maturity	Exceptionally mature

(Continued on Next Page)

Comments:

Principal or Superintendent.....

This certificate should be mailed direct to the Registrar, Grand Canyon College,
Prescott, Arizona.

GRAND CANYON COLLEGE

PHOENIX, ARIZONA

*"In the Valley of the Sun Where
Summer Spends the Winter"*



CATALOG FOR 1951-1952

GRAND CANYON COLLEGE

PHOENIX, ARIZONA

*"In the Valley of the Sun Where
Summer Spends the Winter"*



CATALOG FOR 1951-1952

Foreword

The purpose of Grand Canyon College is to train young men and women in an environment that makes for high scholarship and Christian character.

Attendance at Grand Canyon College is a privilege, and this privilege may be forfeited by any student who is not willing to adjust himself to its environment or who does not conform to its regulations.

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COLLEGE CALENDAR

FIRST SEMESTER

Entrance Examinations	September 13-14
Freshman Orientation and Placement Tests	September 17-18
Registration of all students except Freshmen	September 17
Registration of Freshmen	September 18
Classes Begin, 8:00 A.M.	September 19
Last day of registration for credit	October 2
Faculty and President's Reception	October 5
Last day courses may be dropped	October 23
Mid-semester examinations	November 13-16
Thanksgiving Holidays	November 22-25
Classes Resumed, 8:00 A.M.	November 26
Christmas Holidays	December 22-January 1
Classes Resumed, 8:00 A.M.	January 2
First Semester Examinations	January 24-29

SECOND SEMESTER

Entrance Examinations	January 25-26
Registration	January 30
Classes Begin, 8:00 A.M.	January 31
Last day of registration for credit	February 13
Last day courses may be dropped	March 5
Mid-semester examinations	April 1-4
Spring Holidays	April 12-14
Classes Resumed, 8:00 A.M.	April 15
Baccalaureate Service	May 25
Second Semester Examinations	May 26-29
Commencement Exercises	May 30

BOARD OF TRUSTEES

Vernon E. Shipp, President	Phoenix
R. Felder Cade, Vice-President	Chandler
Gerald A. Hall, Secretary	Winslow

EXECUTIVE COMMITTEE

Vernon E. Shipp, Chairman

A. A. Wallace	Paul Jakes
Robert Crigler	Lee Faver
R. Felder Cade	S. L. Butler

TERM OF OFFICE EXPIRES 1951

C. Vaughan Rock	Phoenix
Aaron Miller	Coolidge
U. R. Neely	Coolidge
James E. Clark	Buckeye
G. W. Hill	Springerville
S. M. White	Yuma
Robert Crigler	Phoenix
C. O. Staggs	Phoenix

TERM OF OFFICE EXPIRES 1952

Vernon E. Shipp	Phoenix
J. Will Howell	Tucson
R. Felder Cade	Chandler
C. B. Myers	Prescott
Gerald A. Hall	Winslow
W. I. Lowry	Phoenix
A. A. Wallace	Phoenix
Lee Faver	Buckeye

TERM OF OFFICE EXPIRES 1953

W. A. McLeod	Phoenix
Frank W. Sutton	Phoenix
H. M. Jennings	Chandler
S. L. Butler	Peoria
George H. Nagel	Winslow
Sam Phillips	Eloy
Paul Jakes	Casa Grande

OFFICERS OF ADMINISTRATION

Leroy Smith *President*

B.A., Baylor University, 1940
Graduate Study, Southwestern Baptist
Theological Seminary

Roland L. Beck *Dean*

B.A., Oklahoma Baptist University, 1923
M.A., University of Oklahoma, 1926
Ph.D., University of Oklahoma, 1932

*Hazel Ellis Mansfield *Registrar*

B.A., Union University, 1932

Ruth Gibbons *Librarian*

B. A., Union University, 1932
B.S. in L.S., George Peabody College, 1940

Carl J. Lester *Acting Dean of Men*

B.S. Central State College, 1948
M. A., University of Oklahoma, 1950
Additional Graduate Study, Louisiana State University

Clarice Maben *Assistant to Registrar*

Mary Ellen Greer, R. N. *College Nurse*

Dan W. McCord *Bookkeeper, Host in Boys Dormitory,
Book Store Manager*

Graduate, Brewster Vocational School, 1942

Roy F. Sutton *Vice-President in charge of promotion*

B.A., Baylor University, 1939
Th.M., Southwestern Seminary, 1943

*On leave, 1951-52

FACULTY OF INSTRUCTION

Betty L. Beck *Assistant Professor of English*

B.A., DePauw University, 1927
M.A., University of Oklahoma, 1951

Roland L. Beck *Professor of Education; Head of Department*

B.A., Oklahoma Baptist University, 1923
M.A., University of Oklahoma, 1926
Ph.D., University of Oklahoma, 1932

Jack W. Herring *Associate Professor of English*
Acting Head of Department

B.A., Baylor University, 1947
M.A., Baylor University, 1948
Additional Graduate Study, University of Pennsylvania

Rachael La Roe *Professor of Mathematics; Head of Department*

B.A., Mary Hardin-Baylor College, 1939
M.A., University of Tennessee, 1940
Additional Graduate Study, Duke University, Oregon
State College, University of North Carolina

Arthur W. Lee *Associate Professor of History;*
Acting Head of Department

B.A., University of Kansas City, 1947
M.A., University of Kansas City, 1948
Additional Graduate Study, Syracuse University

Carl J. Lester *Assistant Professor of Business Administration*
and Economics

B.S., Central State College, 1948
M.A., University of Oklahoma, 1950
Additional Graduate Study, Louisiana State University

Marie McIntosh *Instructor in Social Science*

B.A., Carson-Newman College, 1948
M.R.E., Woman's Missionary Union Training School, 1950
Additional Graduate Study, Arizona State College at Tempe

Henry M. Mann *Assistant Professor of Biology*

B.S., Arkansas State College, 1947
M.A., George Peabody College, 1951

*A. Howard Mansfield*Director of Athletics and
Assistant Professor of Physical Education*
B.S., Union University, 1940
M.A., George Peabody College, 1951

**D. C. Martin*Instructor in Religion*
B.A., Wake Forest College, 1943
Th.M., Southwestern Baptist Theological Seminary, 1946

Mayme Lee O'Brien*Instructor in Religion*
B.A., Howard Payne College, 1944
M.R.E., Southwestern Baptist Theological Seminary, 1946
Additional Graduate Study, Southwestern Baptist Theological Seminary

J. Niles Puckett*Professor of Bible; Head of Department*
B.A., Mississippi College, 1931
LL.B., Cumberland University, 1932
Th.M., Southern Baptist Theological Seminary, 1937
Th.D., Southern Baptist Theological Seminary, 1942

Carolyn L. Rudorf*Assistant Professor of Spanish and German*
B.A., University of Illinois, 1948
M.A., University of Illinois, 1950
Additional Graduate Study, University of Wisconsin

H. E. Ten Harkel*Associate Professor of Music; Acting Head
of Department*
B.M., Lawrence College, 1929
M.M., Roosevelt College, 1947

Grace Weller*Assistant Professor of Music*
B.A., Georgetown College, 1936
M.M., Cincinnati Conservatory of Music, 1945
Additional Graduate Study, University of Kentucky

**J. E. Zimmerman*Professor of English*
B.A., Baylor University, 1929
M.A., Baylor University, 1930

TO BE SELECTED: Instructor in Physical Education.

*On leave, 1951-52

**Visiting professor, summer 1951

TEACHER TRAINING STAFF

(1950-1951)

Donald R. Sheldon *Superintendent of Prescott Schools*

B.S., Kansas State College, 1927
M.A., Stanford University, 1931
Additional graduate study, Teachers College,
Columbia University, Yale University,
University of Southern California

Abia W. Judd *Principal, Washington Elementary School*

B.A., Arizona State College (Flagstaff), 1936
M.A., State University of Iowa, 1942
Additional graduate study, Colorado State College of Education

Helene H. Nixon *Supervisor, First Grade, Washington Elementary School*

B.S., St. Cloud State Teachers College, 1944
Graduate study, Arizona State College (Flagstaff)

Ruth E. Hoffman *Supervisor, Third Grade, Washington Elementary School*

B.S.E., Drake University, 1940

Additional staff and schools will be provided with the further development of the teacher training program.

FACULTY COMMITTEES

Academic Regulations—Roland L. Beck, Hazel Mansfield, Rachael La Roe.

Admissions—Hazel Mansfield, Chairman; Clarice Maben; R. L. Beck.

Athletics and Health—Dan W. McCord, Chairman; Howard Mansfield; Mary Ellen Greer.

Budget—Leroy Smith, R. L. Beck, Dan W. McCord.

Catalog—Hazel Mansfield, Chairman; R. L. Beck; Clarice Maben; Arthur Lee; Betty L. Beck; Rachael La Roe.

Dean's Advisory Council for Women—R. L. Beck, Chairman; Mayme Lee O'Brien; Marie McIntosh; Carolyn Rudorf.

Discipline—R. L. Beck, Chairman; C. J. Lester; Leroy Smith.

Extra-Curricular—H. E. Ten Harkel, Chairman; Carolyn Rudorf; Jack Herring; C. J. Lester; Mayme Lee O'Brien.

Faculty Employment—R. L. Beck, Chairman; Rachael La Roe; Hazel Mansfield; J. N. Puckett; H. E. Ten Harkel.

Guidance—J. N. Puckett, Chairman; R. L. Beck; Jack Herring; Carolyn Rudorf; Henry Mann; Grace Weller.

Instruction and Curriculum—Rachael La Roe, Chairman; All Department Heads.

Library—Ruth Gibbons, Chairman; Betty L. Beck; Grace Weller; Marie McIntosh; Henry Mann.

Ministerial Scholarship—J. N. Puckett, Chairman; Leroy Smith; Willis J. Ray.

Scholarship—R. L. Beck, Chairman; Hazel E. Mansfield; Head of Department concerned.

Social—Marie McIntosh, Mayme Lee O'Brien, Arthur Lee.

GRAND CANYON COLLEGE

LOCATION

Grand Canyon College is located in Phoenix, Arizona, the capitol city of the state. It is near the geographical center of the state and is a thriving industrial and agricultural city, with a population of more than 300,000 in the metropolitan area. Phoenix can boast of being in the proximity of more scenic and historical places of interest than probably any other city in the nation, most notable of which are the Grand Canyon of Arizona, the Petrified Forest, Montezuma Castle, Oak Creek and Walnut Canyons, and Superstition Mountain.

Phoenix takes great pride in the enviable reputation she enjoys as one of the notable winter resorts of America. Many thousands of people come to Phoenix to spend the winter months in the Valley of the Sun, "Where Summer Spends the Winter".

Modern, hard-surfaced highways lead to Phoenix. It is easily accessible over transcontinental U. S. Highways 60, 70, 80, 66, and by way of 89A through scenic Oak Creek Canyon.

The Southern Pacific, Santa Fe, and Rock Island Railroads make Phoenix easily accessible by train. The Greyhound and Southern Trailways Bus Lines operate many schedules per day to and from Phoenix. The Trans-World Airline, American Airline, Frontier Airline, and Bonanza Airline make it possible for a person to arrive at or leave Phoenix almost any hour of the day.

HISTORY

Grand Canyon College was founded because there are only three accredited Baptist colleges within the boundaries of New Mexico, Arizona, Colorado, Utah, Nevada, California, Oregon, Idaho, Washington, Montana, and Wyoming. In these states there are more than nineteen million people, and there are five thousand towns and villages without a Baptist church. In this vast section sixty-eight per cent of the people are unchurched.

The first definite steps toward founding the college were taken at the annual session of the Baptist General Convention of Arizona in 1946. At that time the Convention raised nearly \$10,000 and selected a special committee to study the following questions: (1) Where should the college be located? (2) What qualified persons were available for faculty members? They were to report to the Executive Board, which was to take up the matter at its first quarterly meeting after the Convention.

The Executive Board, following the instructions of the Convention, elected fifteen college trustees, who were charged with the responsibility of working out plans for the college and presenting them to the Board for their approval.

The site at Prescott was chosen for the college at a called meeting of the trustees in the First Southern Baptist Church, Phoenix, March 4, 1947, four months after the first steps to found the college were taken.

In a historic special session of the Executive Board, April 2, 1948, at Phoenix, significant and far-reaching steps were taken for the advancement of the Baptist cause in the state.

Upon a unanimous recommendation of the college trustees and after prayerful consideration, the Board with complete unanimity voted to commission Willis J. Ray, executive secretary, to go afield and to lead in the campaign to raise \$1,000,000 for the establishment of a Baptist college in Arizona. It had been the growing opinion among the Board members, pastors of the state, and the church members at large that Doctor Ray was the one man to lead in this tremendous undertaking. There is a spirit of complete harmony among the forces and constituency of the state convention, and Arizona Southern Baptists with one accord have enthusiastically endorsed this action and pledged themselves one hundred per cent to the support of Doctor Ray and the Board in the promotion of this Holy Spirit inspired movement.

The name of Grand Canyon was given to the college at a meeting of the trustees July 19, 1948, at the First Baptist Church, Coolidge, Arizona.

After having operated Grand Canyon College in the city of Prescott for two years, the Board of Trustees deemed it wise to move the college from Prescott to Phoenix for two reasons, namely: First, there was a realization of the need for the college to be located in the center of a great population so that students could live at home and attend a Christian college. Almost half of the population of the state of Arizona is within commuting distance of the city of Phoenix. Second, there was a definite need for part time employment for the students of Grand Canyon College; and, since Prescott was limited in her industry, it was deemed wise to move to Phoenix, the fast-growing industrial center of the state, where jobs would be available for the students.

As a result of this decision, the college purchased an eighty-acre campus site on the widely known Camelback Road in Phoenix, and adequate buildings are provided for the student body of Grand Canyon College.

GENERAL PURPOSE

It is the general purpose of Grand Canyon College to offer standard four-year college work in an environment that is genuinely Christian. It is the purpose of the Board of Trustees, the administration, and every faculty member of Grand Canyon College to attract capable, ambitious,

thoroughly Christian, well-balanced young people who can profit by a college education and who desire to enter the various fields of human endeavor: the ministry, law, medicine, teaching, business, and full-time Christian work, at home and abroad.

SPECIFIC AIMS

To fit into the general purpose as stated above Grand Canyon College aims to develop well-rounded, properly balanced personalities—morally, mentally, physically, socially, and spiritually.

1. By moral training it aims to develop habits of clean living, clean speech, temperance, personal decency—to develop a sense of responsibility for doing high-grade, honest work and a proper regard for the rights and feelings of others.

2. By mental training it strives to help the student use his mind in effective analysis, in accurate constructive thinking, in proper evaluation of evidence in distinction of truth from error—to develop creative scholarship.

3. By physical training it aims to include habits of temperance, healthful living, physical strength, and enjoyment of active participation in clean sports.

4. By social development it aims to instill a proper evaluation of social values as well as develop ease, enjoyment and poise in the association with people.

5. By spiritual growth it aims to stress an appreciation of spiritual realities of God, of God's natural universe and laws, of God's institutions, and of God's plan and purpose in each individual life.

The curriculum of Grand Canyon College is set up to further the purpose of the college to develop Christian leadership and thinking in all phases of man's activities throughout the world. At all times the fact is stressed that a liberal education is offered in a church-related school; and at the same time the student is offered a limited number of vocational subjects such as business, education, speech, music, etc.

The teaching and administrative staff is selected with these objectives in mind, emphasis being placed upon character, scholarship, personality, and teaching ability. Evidences of character on the part of the staff include dynamic Christian living, regular and faithful church attendance, financial support of local and denominational institutions, active participation in church affairs, as well as maintenance of high standards of work and accomplishment for themselves and for their students equal to that of other leading colleges and universities. Evidences of scholarship include the attainment of higher degrees earned, contributions in their fields of specialization, and habits of study and research. Teaching ability is largely judged by what the teacher's students know about a subject, and their interest in and success in pursuing further study. Evidences of personality

include exemplary habits, a sense of humor, self-control, humility, friendliness, sympathetic understanding, fair-mindedness, neatness in appearance, punctuality and dependability in meeting all responsibility in the college.

The type of student attracted to the campus will largely determine the success in achieving these goals and objectives. The students needed and desired are: (1) Those with capacity, personality, and background to do standard college work; (2) Those moved by lofty ambitions of service to God and to man; (3) Those who have well-balanced personalities; (4) Those with good habits morally, socially, physically, ethically, and spiritually; (5) Those who are unselfish enough to recognize their responsibilities to others and the rights of others.

RECOGNITION

At the present time, credits earned at Grand Canyon College are accepted on a provisional basis by the University of Arizona and other state senior colleges. Each case is considered individually. Similar approval has been given by all senior colleges in New Mexico and all Baptist colleges in the southwestern part of the United States. Additional approvals will be secured on the same basis when requested by students.

STUDENT LIFE

FUNDAMENTAL REGULATIONS

FIRST: Students are expected to conduct themselves as ladies and gentlemen at all times, to obey the rules of the school, and the laws of the city and of the state.

SECOND: Students are not permitted to give entertainment during the college session, either on the campus or in the city in the name of the school or any department or any organization of it, without the consent of the President, Dean, or Sponsor.

THIRD: Students who represent the college in public performances must pass two-thirds of their work.

FOURTH: No new club or society may be formed unless the faculty, on application, approves the design of such organization, the rules by which it proposes to be governed, and the hours of meeting. The faculty reserves the right to limit or disband any such organization.

FIFTH: Students must be quiet and orderly in the residence halls or buildings, and thoughtful of the rights of others.

SIXTH: While the faculty cannot assume full responsibility for the boarding students not on the campus, it reserves the right to make such

regulations at any time as may seem advisable. The violation of the regulations on the part of a student may deprive him of the privileges of the school.

SEVENTH: The faculty will deal with all of the student organizations in the matter of discipline, as with individuals.

EIGHTH: No student is eligible to be elected to an office of a student organization of any kind unless he has at least an average grade of "C" in his school work.

NINTH: All extra-curricular activities which take students away from classes must first be approved by the Academic Dean and then by the extra-curricular committee.

DISCIPLINE

The President or Dean of the College and the Discipline Committee are charged with the administration of discipline. They have the power to rule in any irregularity pertaining to student routine.

All students registered in Grand Canyon College are expected to obey the rules set up by the school, the laws of the City of Phoenix, of the State of Arizona, and of the United States.

Any student who secretly marries while enrolled in Grand Canyon College is suspended effective from date of marriage. Any student under twenty-one years of age who marries while enrolled in Grand Canyon College without the consent of the parents or guardian is subject to suspension from college.

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

The use of profane language and the drinking of intoxicating liquors are entirely forbidden on the college grounds.

Smoking will not be permitted on the campus except in living quarters.

NOTE: It sometimes happens that a student's presence in a hall is inimical to the best interests of the hall, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases, the interests of the hall as a home and sometimes of the individual himself, demand that he change his residence. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation, either before or while the student occupies the room, without preferring any specific charge whatever. Only in such cases is room rent refunded. Students may petition for one's removal without stating charges or having their names known to any persons except the President or Dean and the hall superintendent interested.

All students not living in dormitories must live in an approved boarding house, the address of which is to be found on the approved house list. After registration a check will be made, and students not living in college-approved houses will be required to move immediately.

All regulations of dormitory students will apply to students boarding in town. The landlord must promise to report immediately any violation of these school regulations.

RELIGIOUS LIFE

Emphasis is placed not only upon the training of the body and the mind, but also upon the development of the moral and religious nature. In chapel exercises, in class rooms, and in every relation where the occasion arises, it is in accord with the policy of the college that emphasis be given to the need of the value of Christian living.

There are several religious organizations among the students:

First: The B.S.U. (Baptist Student Union) Council, which has general concern for the religious activities of the school.

Second: The Ann Hasseltine Y.W.A. (Young Woman's Auxiliary), which meets every other week.

Third: Life Service Group is open to all students who wish to do personal work on the campus, through our churches, and on the mission field. This group meets twice each month.

Fourth: Ministerial Association. Grand Canyon College seeks to be a congenial home for young men who are preparing themselves for the gospel ministry. The Ministerial Association meets twice each month for the purpose of discussing problems pertaining to the work of the ministry.

Fifth: Wives of Christian Workers is an organization which consists of the wives of students of Grand Canyon College. Its purpose is to encourage the members to study God's word, to establish Christian homes, and to better prepare for life service.

The students conduct prayer meetings regularly in their halls. Each day at noon they will have a twenty-minute prayer meeting in some designated room.

A revival is conducted each year at some time during the regular session; and other periods of religious emphasis are observed, such as Religious Emphasis Week and Religious Focus Week. Continuous emphasis upon Christian growth will be carried out.

STUDENT ORGANIZATIONS AND ACTIVITIES

Intra-mural Athletic Activities

During the fall and spring months in particular, a program of intra-mural sports is carried on in such activities as volley ball, horseshoes, badminton, softball, ping pong, etc., for both men and women.

Student Council

The membership of the Student Council is composed of a representative from each of the four classes and three representatives elected by the student body at large—President, Vice President, and Secretary-Treasurer. The purpose of the Council is to provide a means of mediation for any problem that may arise from the student body and to be a nucleus for planning sports, contests, or other events that will help build the morale of the school. The Council meets once each month.

Clubs

Boosters Club.—The Boosters Club is an organization composed of representatives elected from the various geographical clubs. Its main purpose and aim are to foster and encourage the different student activities and to lend support and guidance to them. This club works in close relationship with the Student Council.

Geographical Clubs.—These clubs are composed of students of the different geographical regions of the United States, mainly by states; such as The New Mexico Club or The California Club. Each student is a member of one of them.

The Honorary History Club.—This club is open to all history majors and to those who have a first minor in history, if they have a high scholastic standing. Its purpose is to encourage scholarship and to aid the students in keeping abreast with historical events as they occur.

Majors Clubs.—Each department has a club open to its majors for the purpose of bringing about a better understanding between the students and the professors and closer fellowship among the students of the departments.

Educational Student Tours

Students will be permitted to make educational tours, at cost, to the following points of interest.

1. Grand Canyon
2. Boulder Dam
3. Oak Creek Canyon
4. Walnut Canyon Cliff Dwellings
5. Painted Desert, Petrified Forest, Meteor Crater
6. Sunset Crater, Ice Caves, etc.
7. Indian Reservations and Casa Grande Ruins
8. Gold Mines and Lumber Mills
9. Navajo Indian Reservation

COLLEGE HEALTH SERVICE

It is the aim of the college to help the student maintain the highest possible standard of health, certainly not lower than that enjoyed before he entered school. It is even hoped that by sound advice from health authorities of the college, we may be able to improve the health conditions of many and will endeavor to do so with cooperation of the students.

In order to maintain the health of the students the college has employed a College Physician and adopted a sound physical training program for all, and will insist upon its observance within bounds of safe medical advice of the College Physician.

Each student, upon enrolling, will be thoroughly examined by the College Physician. He will be re-examined at the beginning of each year and at such times and in such manner as deemed necessary by the college.

The health status of the students will be taken into consideration for those wishing to carry an unusually heavy load.

Athletes must be approved by the College Physician before being permitted to participate in major sports. Examinations will be repeated during the period of participation in said major sports.

Persons found to be disease carriers, or otherwise a health menace to the school, will be asked to withdraw.

No fee will be assessed other than the medical fee as stated under Expenses. To aid the College Physician, the college employs a trained nurse and maintains a sick and convalescing ward. All hospital services, medical fees for an operation, specialists' fees, X-Rays, and special medicines are the responsibility of the individual.

No student may have more than one week's bedside care without cost. Contagious diseases must receive care off-campus immediately following diagnosis. No illness will be cared for in the dormitories, nor will any prescription be made for a student not reporting in person to the school nurse.

GENERAL COLLEGE REGULATIONS

CHANGE OF CLASSES

No change in classes may be made without the written consent of the Professor or Professors concerned, the Dean and Registrar; and the permit must bear the Business Manager's stamp. Any student who makes a class change without a change card properly filled in and filed with the Registrar at the beginning of the term shall not receive credit for the work of the course in question, even if claim is made at the close of the term. (These fees may be remitted where changes are made upon the recommendation of the Dean or President, or if necessitated by any changes made in the program by the Dean. Fees are remitted only upon the approval of the President or Dean).

No change may be made in classes after two weeks of the term have elapsed.

SIZE OF CLASSES

Except under extreme circumstances, classes will be composed of a minimum of 10 to 12.

DROPPING OF CLASSES

No course may be dropped after the fifth week, except in case of extreme illness. In such a case a physician's certificate, approved by the college physician, must be submitted.

Notice of intent to withdraw should be filed within a week after the student becomes ill.

All students who officially withdraw from school for any reason after fourteen weeks of the semester have elapsed will be given the grade of "F."

A student who drops a course any time without filing a "drop" card will be given a grade of "F" in the course.

GRADING SYSTEM AND QUALITY CREDITS

Grade	Meaning	Quality Points per Hour
A	Superior	3
B	Above Average	2
C	Average	1
D	Barely Passing	0
F	Failing or unauthorized withdrawal	-1
P	Postponed	0
WP	Authorized withdrawal, passing	0
WF	Authorized withdrawal, failing	0

A failure may be removed only by re-enrolling for the course and repeating it in class. P, indicating incomplete work or absence from examination by excuse, must be removed within the next semester; otherwise the incomplete grade becomes a failure.

For graduation a student must present a minimum of 124 quality credits, in addition to the regular 124 hour credits. When more than 124 hour credits are presented, the number of quality credits must equal the number of hour credits. It is not enough to have the required number of credits; they must be of standard quality.

SCHOLARSHIP SUPERVISION AND SUSPENSION

The faculty regulation regarding academic deficiency is designed to provide close supervision of the program of study and progress of students who fall below an average grade of "C" which is required for graduation. Each student whose cumulative average falls below the grade of "C" is informed at the end of the semester of his status and of the consequences of continued academic deficiency, and is given such advice and help as fits his individual case. Students doing unsatisfactory work fall into the following groups:

(1) Students whose cumulative grade point average falls below the "C" average required for graduation are automatically placed under academic supervision, and a notation to this effect is entered upon their records in the office of the Registrar.

(2) Students whose grade point deficiency reaches a total of fifteen points shall automatically be placed on academic probation, and a notation to this effect shall be entered upon their records in the office of the Registrar.

(3) Students whose grade point deficiency reaches a total of thirty points shall automatically be suspended from the college, and the notation "Enforced Academic Withdrawal" shall be entered upon their records in the office of the Registrar. Such students shall not be allowed to re-enter college unless reinstated by the proper authorities.

HONOR STUDENTS

Students who have attended Grand Canyon College at least two years and who have made an average of 2.5 quality credits for each hour of credit, an average which is half way between "A" and "B", during that time, graduate as honor students, *Cum Laude*; the one ranking highest, with *Summa Cum Laude*, and the three ranking next below with *Magna Cum Laude*. A grade-point average of 2.5 requires 310 quality credits.

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.

LOSS OF CREDIT

Any student leaving a freshman subject until the senior year shall receive one hour less credit per course for the delayed work.

REGULATIONS CONCERNING QUALITY OF WORK

Freshmen may not register for more than sixteen hours during their first semester. After this time they may register for not more than seventeen hours unless during the preceding semester they made an average of "B" or above. The maximum number of hours for any student is eighteen.

Students who have employment other than school work may not at any time take over sixteen hours.

MAXIMUM NUMBER OF HOURS IN A SUBJECT

No regular student will be allowed to take more than forty-two semester hours for credit in any one subject.

CLASS ABSENCES

At the end of each week each teacher shall make a report to the Dean's office of all absences in his classes.

A student who is absent from class more times than twice the number of periods the class meets per week will be charged with one-half semester hour per course missed, this negative one-half hour to be charged against the total number of hours for which the student is enrolled.

A student who is absent more than three times the number of periods the class meets per week will be automatically dropped from the class, with a grade of "F". Upon recommendation of the discipline committee and with the consent of the professor, he may, in exceptional cases, be reinstated.

This rule does not apply to members of the student body absent as approved representatives of the school; in such cases absences from chapel and classes are not counted, except that work must be made up.

A student entering late will have the number of times he has missed from class deducted from the number of absences allowed without penalty.

Students should not be absent from classes without a reasonable excuse. Students who are absent and miss tests will not be permitted to make up the tests without a statement from the Dean.

CHAPEL ABSENCES

All students are required to attend the regular chapel exercises three times each week.

If the number of absences from chapel in any semester exceeds the number of times the student is required to attend in two weeks, the student will be charged with one-half semester hour. If the absences triple the number of times he is required to attend each week, the student will be automatically suspended from school the remainder of the semester unless reinstated by the discipline committee.

ABSENCES FROM CLASS AND CHAPEL THE DAY IMMEDIATELY PRECEDING AND IMMEDIATELY FOLLOWING STATED HOLIDAYS WILL BE CHARGED AS DOUBLE CUTS.

ABSENCES FROM CAMPUS AND CITY

Freshmen who are not living in their own homes and who are not pastors of churches or missions should not leave the city more than one week-end in any month.

STUDENTS ON PROBATION

No student on probation will be eligible to represent the college in public performances. This does not apply to ministerial students who preach in churches over the state. They are not considered as representing the College, but the particular denomination to which they belong.

CLASSIFICATION OF STUDENTS

College students will be classified as follows:

- (a) A student will be classified as a freshman who has no conditions required for entrance and who is carrying at least twelve hours of freshman work.
- (b) A student will be classified as a sophomore who has at least 30 semester hours of college work to his credit and 30 quality credits.
- (c) A student will be classified as a junior who has at least 60 semester hours to his credit and 60 quality credits.
- (d) A student will be classified as a senior who has at least 90 semester hours and one quality credit for each hour.

SELECTION OF MAJOR AND MINOR SUBJECTS

At the beginning of his junior year each student is required to choose the department in which he wishes to major, and then to consult the head of that department regularly thereafter in selecting the courses of study to be pursued. A change of major must be approved by the two major professors concerned, Dean, Registrar, and guidance committee.

CORRESPONDENCE AND EXTENSION WORK

Neither correspondence nor extension work is offered by Grand Canyon College.

Record 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 express approval of the college, in order for such work to be acceptable.

DEGREES OFFERED

The college at the present is offering but two degrees—Bachelor of Arts and Bachelor of Science.

FINANCIAL INFORMATION

EXPENSES

The regular school year is composed of two semesters. Each semester is eighteen weeks in length.

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 he can enroll in any class.

STUDENTS HAVING UNPAID BILLS AT THE END OF THE SEMESTER OR TERM WILL NOT BE ADMITTED TO THE FINAL EXAMINATIONS UNTIL SATISFACTORY SETTLEMENTS HAVE BEEN MADE. THIS RULE WILL BE ADHERED TO STRICTLY.

The Board of Trustees reserves the right to change all fees and charges from time to time if necessary.

Tuition

Tuition for 12-16 semester hours.....	\$150.00
Tuition for less than 12 or more than 16 semester hours, per hour....	12.50

If the additional hour above 16 is for required course in physical education, there is no charge.

Class voice and/or class piano may be taken without extra charge above the regular tuition charge, provided the student is taking at least ten semester hours of work in addition to the classes in voice and/or piano. (Students registered for less than ten hours are charged \$17.50 per course in class voice or piano.)

Tuition for private lessons in voice and piano per semester:	
Two half-hour lessons per week.....	\$50.00
One half-hour lesson per week.....	35.00
Practice room one hour per day.....	6.00
Additional hour per day.....	2.00

Fees

Student Activity Fee per semester.....	\$ 5.00
(Paid by all students taking six semester hours or more)	
Students taking less than six hours work may purchase an activity ticket if desired.	
Biology Laboratory, each course.....	5.00
Physics Laboratory, each course.....	5.00
Typewriting Laboratory, each course.....	5.00
Special examination (Four-weeks test, mid-term, or final)	1.00
Change of course, except the first.....	1.00
Late registration.....	2.00
Medical	6.00
Returned checks, each.....	1.00
Transcript of Credits, except the first.....	1.00
Graduation (diploma, cap and gown).....	12.25

Special Charges

Admission deposit (will be applied toward tuition, fees, and registration).....	\$10.00
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This deposit is not refundable after September 1, unless applicant enters school.

Breakage deposit.....	10.00
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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, department, or the library; loss of keys; and other miscellaneous charges. Whenever charges exceed fifty per cent of the deposit, the student, upon notice from the Business Office, will restore the deposit to the original amount by paying such charges within five days. Upon completion, or termination, of the student's course of study, written application may be made for refund.

Board and Room, per semester.....	225.00
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This charge is payable in advance at the beginning of the semester unless special payments are arranged with the Business Manager. No charge is included for board and room during the Christmas vacation. No refund will be made for absences on week-ends or for short vacations. Individual meals may be purchased at the College Dining Hall by students and College staff and guests at a rate to be determined. No credit, however, will be extended. Linens, towels, and blankets must be furnished by the student. The above charge is based upon two students per room.

If space is available, private room may be had for an additional charge of \$10.00 per semester.

Room rent will be charged for remainder of month in which withdrawals occur. Meals will be charged for the week in which withdrawals occur.

Note: the above charge for room and board will be effective when contemplated dormitories are erected by the College. Until such time, special arrangements will be made at approximately the same charge.

Apartments for Married Students

None available at the present on the campus, but every effort will be made to assist in locating suitable and reasonable housing facilities.

REFUNDS

If a student is forced to withdraw from school because of sickness or other unavoidable causes, approved by the administration, charge will be based on the following scale, beginning with the first day of classes:

Attendance of two weeks or less.....	20%	of the total
		tuition and fees.
Attendance between two and three weeks.....	40%	"
Attendance between three and four weeks.....	60%	"
Attendance between four and five weeks.....	80%	"
Attendance over five weeks.....	100%	"
Laboratory fees are not refundable.		

All refunds due students for any reason whatsoever will be forfeited unless called for on or before June 30 of the College Year in which they are due. Should June 30 fall on Sunday or on a day when the Business Office is closed, the refund will be made on the next business day.

ORGANIZATION FUNDS

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

PART-TIME WORK

Every effort will be made to assist students in obtaining part-time employment. Under ordinary circumstances, those who plan to earn their way should have enough money to carry them through the first semester.

LOANS

The College is eager to assist worthy students. The following loan funds are administered by the College, information concerning which may be obtained from the Business Manager. Applications should be made for any loans through the Business Office.

Faculty Loan Fund. A small revolving fund made available by members of the Faculty for emergency needs. Open to any approved student for a maximum of \$25.00.

Adair Loan Fund. Made available by Mr. and Mrs. Oliver Adair, Kingman, Arizona. Restricted to freshmen.

Navajo Fund. For education of worthy Navajo Indian students (or other students when not needed for Navajo students). Made available by Mr. Leo Berndt, Muskogee, Oklahoma.

Lt. Stephen A. Beck Student Loan Fund. For upper classmen. Made available by Dr. and Mrs. Roland L. Beck.

SCHOLARSHIPS

Baptist General Convention Scholarships

This scholarship is administered by a Ministerial Scholarship Committee. It is available to ministerial students, their wives, and ministers' children. The money for the scholarship is given by churches, denominations, or friends. The requirements for these scholarships are:

- (1) The student must meet the college entrance requirements.
- (2) He or she must be deserving of a scholarship.
- (3) If a minister, he must be licensed or ordained.
- (4) If a minister, and graduating under the 1951-52 catalog, he must have a first minor in Bible. (He should enroll in one Bible course each semester until the first minor is completed.)
- (5) The student must be in attendance upon the Orientation program sponsored by the Convention at the College each year.

Ministerial students, when approved, will be granted a maximum scholarship of \$240.00 per school year. Wives of ministers may be granted a maximum of \$150.00 per school year; children of ministers may be granted a maximum of \$120.00 per school year.

For further information regarding these scholarships write to Dr. J. Niles Puckett, Chairman, Ministerial Scholarship Committee, Grand Canyon College, Phoenix, Arizona.

Other Scholarships

Scholarships in the amount of \$200.00 are offered to Baptist students who are valedictorians of their high school graduating classes. These scholarships must be used during the year immediately following graduation. In addition, four scholarships in music are offered by the music department. These pay \$50.00 per semester, or \$100.00 during the first year in Grand Canyon College.

Students interested in the valedictory scholarships should write President Leroy Smith. Those interested in music scholarships should file applications with Professor H. E. Ten Harkel.

Departmental scholarships are granted as follows:

(1) In order to be eligible for a scholarship in a particular department the student must have declared his intention of majoring in that department.

(2) He must have maintained an over-all average of "B" on all work taken in Grand Canyon College and an average of "B" in the department offering the scholarship.

ADMISSION

METHODS OF ADMISSION

By Certification: Graduates of accredited high schools, who satisfy other requirements, are admitted to the college upon receipt of an official transcript sent directly by the Principal or Superintendent of the high school.

By Individual Approval and Examination: Veterans over 18 years of age and other students who are above 21 years of age and who show evidence of maturity and ability to do college work may be accepted on approval. In order to determine whether such students have the necessary background to do college work, a battery of tests will be given. **THESE TESTS SHOULD BE TAKEN BEFORE A STUDENT MAKES DEFINITE PREPARATION FOR COMING TO COLLEGE.**

PRELIMINARY ENTRANCE REQUIREMENTS

High school graduates applying for admission to Grand Canyon College must secure an entrance certificate from the office of the Registrar.

Before this certificate can be granted, the applicant must cause the the following information to be filed with the Registrar:

1. A transcript of his high school record.
2. A recommendation of the applicant from his Principal.
3. A statement from the Principal or Superintendent giving the rank of the applicant in his graduating class.
4. A personality and ability rating sheet from the high school principal or Superintendent.
5. A formal application from the student upon a form furnished by the college.

A high school graduate who is not eligible for regular admission (see page 30) may enroll in Grand Canyon College, but he will be placed on probation during the first year. In order for him to remain in college he must do, during that time, the minimum amount of work expected of other freshmen.

GENERAL REQUIREMENTS

Applicants of both sexes are admitted to the college on equal terms.

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 must present a certificate showing that he has had smallpox or has been successfully vaccinated. In addition, all applicants must take a general physical examination to show that they have no contagious or infectious disease.

SCHOLASTIC REQUIREMENTS

For regular admission to the freshman class a student must be a graduate of an accredited high school, and he must rank above the lowest quarter of his graduating class. His units presented must include:

Subjects	Units
English	3
Mathematics	1
Social Science	1
Science	1
Electives	9

REGULATIONS PERTAINING TO TRANSFER STUDENTS

Before enrolling at Grand Canyon College a student transferring from another college must present a transcript of all credits from the institution last attended.

Transfers who do not present the required high school units from an accredited high school can be admitted only on the face 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 too highly specialized nature and parallels satisfactorily the courses offered in the curriculum here.

No credit will be given for any course transferred if the grade in that course is lower than a "C" or its equivalent. Grade points are not transferable.

A maximum of twenty-five semester hours of extension work and/or correspondence work will be accepted from other institutions.

A student who has been asked to withdraw from another college because of poor scholarship can be accepted only upon the following conditions:

(a) That an interval of at least one semester must have elapsed from the time of his dismissal before he is admitted.

(b) That he maintain a "C" average during his first year in residence at Grand Canyon College.

(c) That in the event that he does not average "C" during his first year he shall, upon recommendation of the Academic Regulations Committee, be required to withdraw from college.

REGISTRATION

The Opening

The first day of registration will be Monday, September 17, 1951. By the end of September 18 all student enrollment should be complete. There will be a penalty for enrollment after noon on September 19.

Registration for Courses

A student may not receive credit for a course for which he is not properly registered.

Only under emergency conditions approved by the Dean may a student register for three days per week. In such cases he may carry a maximum of twelve hours per semester; but if he is employed for as much as three days a week, he will not be enrolled for more than nine semester hours.

No boarding students will be allowed to carry fewer than twelve semester hours work, except upon the advice of the College Physician, or by special consent of the Dean.

Paying Fees a Part of Registration

A student is not registered and is not entitled to college privileges until he has paid his fees, or until he has made satisfactory arrangements with the Business Office.

GRADUATION REQUIREMENTS

GENERAL REQUIREMENTS

The total number of semester hours required for graduation is 124 with a minimum grade average of "C".

Minimum Attendance.—A minimum of six semesters of residence in an approved college is required for graduation. Of this, two semesters, consisting of at least 23 semester hours of work, must be done in residence at Grand Canyon College. All work of the semester preceding graduation must be done in Grand Canyon College.

Work in Residence.—Transfer students are required to take in residence at Grand Canyon College at least six semester hours in their major subject and three semester hours in their first minor.

Correspondence and Extension Work.—Record 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 express approval of the College, in order for such work to be acceptable.

Minimum Amount of Language Allowed.—No credit for graduation will be given for less than a year of language taken in college, unless the student has as much as two high school credits in the same language.

Attendance at commencement exercises.—Graduates are expected to attend public commencement exercises. In extreme cases students may be excused, but only upon written request, which will be presented to the faculty for vote.

GRADUATION UNDER A PARTICULAR CATALOG

Ordinarily a candidate for a degree will meet the requirements as stated in the catalog in force at the time of his matriculation. He may elect to meet the requirements of the catalog for the year of his graduation, but in such case he must conform to that catalog only.

CURRICULAR REQUIREMENTS

The completion of the required 124 semester hours usually requires four years of 30 semester hours each besides Physical Education. Of these the freshman and sophomore years are spent in general or introductory work, comprising courses in widely separated subjects. During the remaining two years, the student may confine his work to comparatively narrow limits. The work for the entire four year course consists of (1) Elective. (2) Prescribed courses, (3) Major and minor subjects.

Electives

A certain number of electives may be taken from the regular college courses offered in each department, but they must be from those which are not required in that particular group.

Prescribed Courses for Graduation with a Bachelor of Arts Degree

Bible 113, 123	6 semester hours
English 113, 123, 213, 223	12 semester hours
Foreign Language	14 semester hours
Health	3 semester hours
Mathematics and/or Natural Science	8 semester hours
Physical Education 111, 121, 231, 241	4 semester hours
Social Science: History, Sociology, Government, General Psychology	12 semester hours
(Must include 6 hours of American History or 6 hours of American Government)	

The Bachelor of Arts degree will be granted to majors in English, Bible, Music, Languages, History, and Social Science.

Prescribed Courses for Graduation with a Bachelor of Science Degree

Bible 113, 123	6 semester hours
English 113, 123, 213, 223	12 semester hours
Foreign Language (Mathematics and Science majors only)	14 semester hours
Health	3 semester hours
Mathematics	4 semester hours
Natural Science	8 semester hours
Physical Education 111, 121, 231, 241	4 semester hours
Social Science: History, Sociology, Government, General Psychology	12 semester hours
(Must include 6 hours of American History or 6 hours of American Government)	

The Bachelor of Science degree will be granted to majors in Education, Music Education, Business Administration, Mathematics, and Science.

Majors and Minors

By the beginning of his junior year, each student is required to select one subject to be known as his major in which he shall present at least 30 semester hours. Of these, 12 hours must be of junior-senior rank.

Within his concentration group, the student must also choose two minors in subjects other than his major. His first minor must consist of

not fewer than 18 semester hours. Of these, 6 hours must be from courses of junior-senior rank. (Exception: 4 hours of junior-senior rank for foreign language minor.) His second minor must consist of not fewer than 12 semester hours.

The specific requirements for majors and minors in each department follow:

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

Requirements for a major in Business Administration

Economics 213, 223	6 semester hours
Business Administration 214, 224	8 semester hours
Electives in Business Administration	16 semester hours

Requirements for a minor in Economics

Economics 213, 223	6 semester hours
Economics 313	3 semester hours
Electives in Economics	9 semester hours

DEPARTMENT OF EDUCATION

In order to become a major in the department of education, a student must have completed 58 semester hours of college work with an average grade of C.

Requirements for a major in Kindergarten-Primary Education

Education 113	3 semester hours
Education 313	3 semester hours
Elementary Education 313 or Elementary Education 322 or Elementary Education 352	2 or 3 semester hours
Elementary Education 352	2 or 3 semester hours
Elementary Education 328	8 semester hours
Elementary Education 333	3 semester hours
Elementary Education 343	3 semester hours
Psychology 213	3 semester hours
Psychology 352	2 semester hours

Requirements for a major in Elementary Education

Education 113	3 semester hours
Education 313	3 semester hours
Education 413	3 semester hours
Education 422 if less than 30 hours	2 semester hours

Elementary Education 313, Elementary Education 322, Elementary Education 343, or Elementary Educa- tion 352	7 or 8 semester hours
Elementary Education 328	8 semester hours
Psychology 213	3 semester hours
Psychology 352	2 semester hours

*Requirements for a major in Pre-Secondary
and Secondary Education*

Education 113	3 semester hours
Education 313	3 semester hours
Education 413	3 semester hours
Education 422	2 semester hours
High School Education 312	2 semester hours
High School Education 322	2 semester hours
High School Education 325	5 semester hours
High School Education 413	3 semester hours
High School Education 422	2 semester hours
Psychology 213	3 semester hours
Psychology 372	2 semester hours

Requirements for a minor in Physical Education

Physical Education 111, 121	2 semester hours
Physical Education 231, 241	2 semester hours
Physical Education 272	2 semester hours
Physical Education 322	2 semester hours
Physical Education 332	2 semester hours
Physical Education 423	3 semester hours
Health Education 212	2 semester hours
Health Education 413	3 semester hours

DEPARTMENT OF ENGLISH

Requirements for a major in English

English 113, 123, 213, 223	12 semester hours
Electives in English	18 semester hours

Requirements for a minor in English

English 113, 123, 213, 223	12 semester hours
Electives in English	6 semester hours

DEPARTMENT OF FOREIGN LANGUAGES

Requirements for a minor in Spanish

Spanish 114, 124	8 semester hours
Spanish 213, 223	6 semester hours
Electives in Spanish	4 semester hours

This requirement may be met in part in high school. In evaluating high school work in this language, the College will count two years as the equivalent of four semester hours.

Requirements for a minor in German

German 114, 124	8 semester hours
German 213, 223	6 semester hours
Electives in German	4 semester hours

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

DEPARTMENT OF MUSIC

Requirements for a major in Music

To major in music for the B.A. degree a student may select one of the following two fields of concentration:

1. Applied Music (Piano, Voice) with courses distributed as follows:

Applied Music	16 semester hours
Theory	16 semester hours
History and appreciation	6 semester hours
Electives	4 semester hours
Total	42 semester hours
2. Music Theory:

Theory	16 semester hours
History and appreciation	6 semester hours
Applied Music	8 semester hours
Advanced Courses	4 semester hours
Electives	8 semester hours
Total	42 semester hours

To major in music for the B.S. degree (Music Education Major) the following are required:

Applied Music	24 semester hours
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(1) Voice major:

Voice	12 semester hours
Piano	4 semester hours
Instruments	8 semester hours
or	

(2) Instrumental major:

Major Instruments	12 semester hours
Voice	6 semester hours
Minor Instruments	8 semester hours
Music Education	6 semester hours
Theory, methods, and literature of music	12 semester hours
Total	42 semester hours

Requirements for a minor in Music

Applied Music (piano or voice, exclusive of Chorus)	4 semester hours
Theory	8 semester hours
History and Appreciation	6 semester hours

DEPARTMENT OF RELIGION

*Requirements for a major in Bible**

Bible 113	3 semester hours
Bible 123	3 semester hours
Bible 273**	3 semester hours
Bible 283***	3 semester hours
Bible 373	3 semester hours
Electives in Bible	15 semester hours

*There may be electives of 6 hours in Religious Education.

**Non-Ministerial students may substitute Religious Education 113.

***Non-Ministerial students may substitute Religious Education 123.

Requirements for a minor in Bible

Bible 113	3 semester hours
Bible 123	3 semester hours
Electives in Bible	12 semester hours

Requirements for a minor in Religious Education

Religious Education 113	3 semester hours
Religious Education 123	3 semester hours
Electives in Religious Education	12 semester hours

DEPARTMENT OF SCIENCE

Requirements for a major in Biology

Biology 114, 124	8 semester hours
Electives in Biology	22 semester hours

Requirements for a minor in Biology

Biology 114, 124	8 semester hours
Electives in Biology	10 semester hours

Requirements for a major in Mathematics

Mathematics 114*	4 semester hours
Mathematics 133	3 semester hours
Mathematics 142**	2 semester hours
Mathematics 213	3 semester hours
Mathematics 233	3 semester hours
Mathematics 243	3 semester hours
Upper division courses	12 or 15 semester hours

Requirements for a minor in Mathematics

Mathematics 114*	4 semester hours
Mathematics 133	3 semester hours
Mathematics 142**	2 semester hours
Mathematics 213	3 semester hours
Mathematics 233	3 semester hours
Mathematics 243	3 semester hours
Upper division courses	6 semester hours

*Not to be taken if $1\frac{1}{2}$ credits in high school algebra are offered for entrance.

**Not to be repeated if taken for credit in high school.

DEPARTMENT OF SOCIAL SCIENCE

Requirements for a major in History

History 113, 123	6 semester hours
History 213, 223	6 semester hours
Electives in History	18 semester hours

Requirements for a minor in History

History 113, 123	6 semester hours
History 213, 223	6 semester hours
Electives in History	6 semester hours

Requirements for a minor in Sociology

Sociology 213, 223	6 semester hours
Electives in Sociology	12 semester hours

Requirements for a major in Social Science

History 113, 123 or History 213, 223	6 semester hours
Sociology 213, 223	6 semester hours
Government 213, 223	6 semester hours
Electives in Social Science	12 semester hours

Requirements for a minor in Social Science

History 113, 123 or History 213, 223	6 semester hours
Sociology 213, 223 or Government 213, 223	6 semester hours
Electives in Social Science	6 semester hours

Note: Of the 18 hours listed for the minor in Social Science, 6 hours must be in American History or American Government.

PHYSICAL TRAINING AND INTERCOLLEGIATE ATHLETICS

PHYSICAL TRAINING

Correlated with the health program of the school there is an extensive physical training setup. This includes ample playground equipment and provisions for major sports to insure suitable exercises for all. Four semester hours of credit are required of all students in physical training as well as three hours in health content subjects.

The physical training should be taken in the freshman or sophomore years, but for transfer students and others who have postponed this training it must be made up before graduating.

The college employs a competent physical training instructor, a coach for major sports, and ample playground supervision to make this program a success.

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 teams are already developed and therefore do not need the inter-collegiate contests for their own physical growth, yet it is true that 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 that our collegiate teams may be a credit to the institution and that it will be a compliment to a young person to be a member of the team, the faculty has adopted the following rules which will be strictly adhered to:

1. None but *bona fide* students of this institution shall be allowed to participate in inter-collegiate or inter-scholastic contests. By "bona fide" student is meant:

(a) Any student who is carrying a regular course of study of not fewer than twelve hours a week in the institution, and who was enrolled at or near the first of the term in which he plays.

(b) Any student who has not failed or been conditioned on more than one-third of his work.

(c) Any student whose classification conforms to the rules governing classification of all students as shown above.

2. A member of the faculty shall accompany all teams when away from the College.

3. All funds shall pass through the books of the College office and all checks be signed by the Business Manager. The President shall approve all contracts or orders involving money.

DEPARTMENTS OF INSTRUCTION

Note: The following symbols are used in all departments:

- # Offered 1951-52
 - * Offered alternate years
 - ** Offered every four years
- No mark indicates that the course will be offered if there is sufficient demand.

DEPARTMENT OF BUSINESS ADMINISTRATION AND ECONOMICS

This department was established in response to the growing demand for training along vocational lines. The courses are designed to prepare the student for entering business or for continuing advanced study.

Business Administration

- # *133. *Introduction to Business Principles and Management.* Emphasis is placed upon function, organization, and services of business including such specific problems as location, finance, personnel, and marketing.

3 semester hours.

- # *214. *Principles of Accounting.* An introduction to the fundamental principles and practices of accounting; the construction and interpretation of balance sheet and profit and loss statements; the theory of debits and credits as applied to business transactions; various phases of partnership and corporation accounting.

4 semester hours.

- # *224. *Principles of Accounting.* A continuation of 214. An application of accounting principles to certain specialized problems under the various forms of business organization. Manufacturing accounts and manufacturing cost controls; accounting for fire losses, bonds, and sinking funds.

4 semester hours.

- # *313. *Intermediate Accounting.* Theory and practice relating to the theory of the various balance-sheet accounts. Basic accounting theories are applied to the problems incident to partnership and corporation formation, operation, and liquidation. Theories determining valuation of current assets and their position on financial statements are stressed.

3 semester hours.

- # *323. *Intermediate Accounting.* A continuation of 313. Emphasis on the valuation of fixed assets and liability accounts with proprietorship reserves. Application of the theories of valuation to normal financial statements and interpretation of these statements.

3 semester hours.

*333. *Industrial Organization and Combination*. A study of forms of business organization; combination movement and its cause; the investment trust; recent aspects of the public control of business. Prerequisites: Economics 213, 223, B.A. 214 and 224.

3 semester hours.

*353. *Business Law*. This course includes laws of persons, tort, contract, agency, private property, sales, negotiable instruments, and insurance. Prerequisites: Economics 213 and 223.

3 semester hours.

*363. *Business Law*. A continuation of 353. Law as related to the forms of modern business; individual proprietorships, partnerships, corporations. Prerequisite: B.A. 353.

3 semester hours.

**373. *General Insurance*. Risks to which man and property are subjected and how the unfortunate financial consequences of these risks may be eliminated through insurance coverage; primarily to aid the buyer of insurance and to provide a foundation for those who may later wish to specialize in the insurance field. Prerequisites: Economics 213, 223; B.A. 214 and 224.

3 semester hours.

**433. *Cost Accounting*. Principles of factory and distributive cost accounting. Prerequisites: B.A. 214 and 224. (1954-1955)

3 semester hours.

*443. *Income Tax Accounting*. An interpretation of federal income tax laws with practice material requiring an application of other provisions to the return of individuals, partnerships, and fiduciaries. Prerequisites: B.A. 214 and 224.

3 semester hours.

Economics

*213. *Principles of Economics*. A description and critical analysis of the organization of modern society from an economic point of view.

3 semester hours.

*223. *Principles of Economics*. A continuation of 213. The application of economic principles to distribution of wealth, taxation, and proposals for economic improvement.

3 semester hours.

*313. *Economic Problems*. This course includes a survey of the institutions existing under our economic system, and an analysis of such problems as the relation of government to industry, public finance and taxation, monopoly, labor organization, population, business cycles, the credit system, etc., in the light of economic principles. Prerequisites: Economics 213, 223, and Junior standing.

3 semester hours.

*323. *Economic Geography*. A study of the products of agriculture, commerce, and industry, and the conditions which affect their production, exchange, and consumption. Prerequisites: Economics 213 and 223.

3 semester hours.

*333. *Economic History of the United States*. The progress of the nation in agriculture, manufacturing, commerce, transportation, money and banking, labor organization, and labor legislation.

3 semester hours.

**353. *Labor Problems*. This course includes the examination of the major problems of labor: insecurity, wages and income, hours, sub-standard workers, and organized labor. It also includes an analysis of the attempts at solution by employers, employees and society. (1952-1953)

3 semester hours.

**363. *Money and Banking*. A general survey of the subject; 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; foreign exchange. (1954-1955)

3 semester hours.

DEPARTMENT OF EDUCATION

The courses in education and psychology are planned and organized to meet the following requirements: (1) Major in Education; (2) a curriculum for kindergarten-primary teachers; (3) a curriculum for elementary teachers; (4) a curriculum for high school teachers; (5) courses to meet Arizona certificate requirements and renewals.

Elementary and Secondary Education

Education 110. *Remedial Education*. Emphasis is given 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 emphasized and individual remedial instruction is given each student.

No credit.

Education 111. *Freshman Orientation*. A course required in the college education program of all freshmen; consideration of academic, social, vocational, and other basic problems common to first-year college students.

1 semester hour

- # Education 113. *Introduction to Education*. This orientation course is designed to give the student a view of the whole field of education with emphasis upon its opportunities and requirements as a profession.
3 semester hours.

Education 313. *Educational Psychology*. This course takes up the general problems of learning, such as native and acquired characteristics, individual differences, motivation as well as the different theories of learning, and their application to the classroom situation.
3 semester hours.

Education 413: *Tests and Measurements*. This course deals with the philosophy of testing, the construction of tests, the actual administration and interpretation of tests. There will be opportunity for examination of sample tests. Students will select either high school or elementary tests for study and do test construction in either field. Prerequisites: Education 113 and Methods.
3 semester hours.

Education 422. *History of Education*. This is a survey course in the general development of education from ancient times down to the present. The course intends to be more extensive than intensive, and attempts to establish an educational background for students majoring in the field of education. Prerequisite: Education 113.
2 semester hours.

Elementary Education

Elementary Education 313. *Teaching of Elementary Social Sciences*. Emphasis is placed upon the recent literature dealing with the curriculum methods, and materials of instruction in the social sciences of the elementary school. Prerequisite: Education 113.
3 semester hours.

Elementary Education 322. *Teaching of Natural Sciences*. Designed to acquaint the student with the methods of teaching nature study in the elementary grades. A study of the common plants, animals, trees, flowers, and insects will be made. Prerequisite: Education 113.
2 semester hours.

Elementary Education 328. *Apprentice teaching in the elementary grades*.
8 semester hours.

Elementary Education 333. *Primary Methods and Curriculum*. This course acquaints the student with primary and elementary methods, construction and play materials in primary grades, the traditional and the integrated activity programs, and modern practices of kindergarten-primary and elementary education. Prerequisite: Education 113.
3 semester hours.

Elementary Education 343. *Language Arts*. Special emphasis is given to methods and materials of instruction in reading, language, composition, spelling, and writing in all the elementary grades.

3 semester hours.

Elementary Education 352. *Teaching Primary and Elementary Arithmetic*. This course serves to acquaint the primary and elementary teacher with progressive approved techniques for teaching arithmetic and with the recent research in the field.

2 semester hours.

Secondary Education

High School Education 312. *Principles of Secondary Schools*. The fundamental facts underlying the aims and principles of secondary education are studied. Professional ideals of teaching are stressed throughout the course. Prerequisite: Education 113.

2 semester hours.

High School Education 322. *General Methods of Teaching in High School*. A specific study of methods adapted to the teaching of high school subjects will be made in this course. This course is recommended for candidates for high school certificates. Prerequisite: Education 113.

2 semester hours.

High School Education 325. *Apprentice Teaching in High School*.

5 semester hours.

High School Education 413. *Special Methods of Teaching in High School*. This course is organized to meet the needs of students who intend to teach in any one of the teaching fields. The student is introduced to methods adapted to the needs of high school students. This course is offered primarily for those desiring a high school teacher's certificate. Prerequisites: Education 113 and High School Education 322.

3 or 6 semester hours

High School Education 422. *Curriculum Construction and Development*. This course will deal with the fundamental principles of curriculum development and construction. Prerequisites: Education 113 and High School Education 322.

2 semester hours

Psychology

Psychology 213. *General Psychology*. A foundation course in the science of behavior. The study will include origin and development of behavior patterns, motivation, emotional behavior, sensory functions, perception, intelligent behavior, and adjustment. Simple experiments will constitute a basic part of the work.

3 semester hours.

- # Psychology 352. *Child Psychology*. An analysis of infant behavior; the motor and emotional development of children; motivation, thinking, work, and play in child life; the synthesis and integration of personality. Prerequisite: Psychology 213.

2 semester hours.

- # Psychology 372. *Adolescent Psychology*. The meaning and significance of adolescence; physical, mental, moral and religious development; adolescent impulses, interests, social tendencies, and personality; the hygiene of adolescence; the guidance and control of adolescent behavior. Prerequisite: Psychology 213.

2 semester hours.

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 planned with the following aims: (1) to meet the state requirements of all elementary and high school teachers in this field; (2) to offer a varied program of physical activity which will contribute to the well being of the students; and (3) to train men and women as leaders in physical education, physical directors, and coaches.

Physical Education

111-121. *Conditioning Exercises*. Separate classes for men and women. Required of all freshmen. Two class meetings each week.

1 semester hour each.

131-141. *Individual Activities*. For students who are advised by college physician against taking P.E. 111-121. Modified activities to meet the needs of the student. Two class meetings each week.

1 semester hour each.

*213. *Indoor Social Activities*. Games and contests for home, school, and community leisure time

3 semester hours.

231-241. *Basic Physical Education*. Separate classes for men and women. Seasonal field and indoor sports such as touch football, volleyball, soft ball, basketball, tennis, table tennis, and other recreational sports that have carry-over value. Required of all sophomores. Two class meetings each week.

1 semester hour each.

251-261. *Basic Physical Education Observation*. For students who are advised by college physician against taking P.E. 231-241. Observa-

tion of the various games and sports taught in P.E. 231 and 241, and a study of the rules and program administration. Two class meetings a week.

1 semester hour each.

*272. *Playground Administration.* A study of playground activities and their administration. Two class meetings each week.

2 semester hours.

*322. *History of Physical Education.* A thorough foundation in the history of Physical Education, emphasizing leaders of the past and present.

2 semester hours.

*332. *Athletic Coaching.* Coaching of Basketball.

2 semester hours.

*372. *Methods of Promoting Intramural Activities.* Training and experience in conducting intramural program in high school and college.

2 semester hours.

*412. *Physical Education in Secondary School.* The purpose of the course is to prepare students who plan to teach Physical Education in high school to carry out the physical education program as required by the state at the high school level. The course includes both games and exercises. Required of all students who expect a certificate in Physical Education.

2 semester hours.

*423. *Organization and Administration of Health and Physical Education.* A course designed for majors in physical education. The course deals with the administration problems in a department of physical education in the city school system, rural district, elementary and high school, and colleges.

3 semester hours.

Health Education

*212. *First Aid.* Treatment used for fractures, dislocations, wounds, hemorrhages, poisoning, drowning, bandaging, artificial respiration, etc. Two class meetings a week.

2 semester hours.

*413. *Hygiene.* A practical course in personal and community hygiene, dealing with the applications of the findings of science and medicine to the improvement of daily living.

3 semester hours.

*423. *Safety Education.* An extensive survey of those areas where accidents are most prevalent: home, industry, school, highways, etc., with consideration of the causes and the prevention of accidents. Designed for administrators and teachers and set up as a training ground to develop safety consciousness. Prerequisite: Junior standing.

3 semester hours.

DEPARTMENT OF ENGLISH

The instruction given in English has three objects in view: First, a command of correct and clear English, spoken and written; second, the power of accurate and intelligent reading and the development of the habit of reading good literature with appreciation and enjoyment; third, a knowledge of certain authors whose works illustrate the development, not only of the English language, but also of literature. STUDENTS NOTABLY DEFICIENT IN SPELLING, READING, AND ENGLISH GRAMMAR WILL BE REQUIRED TO MAKE UP ANY DEFICIENCY BEFORE ENTERING THE SENIOR YEAR.

English

English 110. *Remedial English*. This course is designed for students who have deficiencies in grammar, spelling, punctuation, and reading. Grammar is emphasized. Frequent short themes are required.
No credit.

English 113. *Grammar and Composition*. The purpose of this course is to train students in writing and speaking clearly and effectively. The work covers exposition, argumentation, vocabulary, weekly themes, the study of essays, biography, and autobiography.
3 semester hours.

English 123. *Composition and Literature*. Continuation of 113. This course includes the study of description and narration. The short story and novel will be studied. One complete novel and many short stories are read. Weekly themes and one long term paper are required. Prerequisite: English 113.
3 semester hours.

English 213. *Survey Course in English Literature*. This survey gives the student a background for advanced work in English literature. The course includes the important works from the Anglo-Saxon period to the Romantic period, to Wordsworth. Prerequisites: 113 and 123.
3 semester hours.

English 223. *Survey Course in English Literature*. Continuation of 213. This course includes the literary trends and movements and the representative works of English writers from Wordsworth and the Romantic period through the nineteenth century. Required of all English Majors. Reports and themes are required. Prerequisites: English 113 and 123.
3 semester hours.

*English 233. *Children's Literature*. The best selections of all types of child literature from outstanding authors are studied. Volumes of literature for children's libraries are considered. A handbook and an-

thology of children's literature are used as texts supplemented by library reading. Story-telling is emphasized. Prerequisites: English 113, 123, 213, and 223.

3 semester hours.

*English 313. *American Literature*. A study is made of background and national development of American literature. Emphasis is on the outstanding authors of each period and intensive study of their representative works. The Colonial Age and period of the Republic through Poe and Longfellow are studied. Papers and reports are required. Prerequisites: English 113 and 123.

3 semester hours.

*English 323. *American Literature*. In this course the emphasis is on Whitman, Emily Dickinson, the novel and short story, and the essay through the nineteenth century. Prerequisites: English 113 and 123.

3 semester hours.

*English 333. *The Short Story*. This course includes the study of the development of the short story, the different types, the analysis of technique, the reading of many short stories, and experience in writing. Prerequisites: English 113, 123, and Junior standing.

3 semester hours.

*English 343. *Advanced Composition*. This course includes an intensive review of grammar and usage, daily practice in writing, extensive reading, and the analysis of selected library works. Prerequisites: English 113, 123, and Junior standing or approval of department.

3 semester hours.

*English 353. *Contemporary British and American Poetry*. The representative poets of the twentieth century are studied. The trends and influences are carefully considered. Emphasis is on such poets as Frost, Sandburg, T. S. Eliot, and the younger group of poets. Extensive reading and some writing required. Prerequisites: English 213, 223.

3 semester hours.

*English 423. *The Nineteenth Century Novel*. A study is made of English and American novels and novelists, from Jane Austen to Conrad and from Cooper to Mark Twain. Points of comparison between English and American authors noted. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 433. *Shakespeare*. This course includes the study of important early plays with consideration of the types, sources, and Shakespeare's development as a dramatist. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 443. *Shakespeare*. A continuation of 433. Intensive study of the great tragedies and later comedies. Prerequisites: English 213, 223, 433, and Junior standing.

3 semester hours.

*English 453. *Milton*. Consideration is given to Milton's prose work. Intensive study of his short poems and parts of *Paradise Lost*. Influences and trends of the seventeenth century emphasized. Term papers required. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 463. *Browning*. The short poems, several of his dramas, and important books of *The Ring and the Book* are studied. Emphasis is given to Browning's philosophy and technique. Themes, reports, round-table discussions are required. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

Speech

*Speech 113. *Fundamentals of Speech*. This is a basic course and is the prerequisite of all courses in speech, drama, and radio. It emphasizes voice and diction, phonetics, and basic speech principles.

3 semester hours.

*Speech 123. *Introductory Public Speaking and Discussion*. The technique and practice of public discussion are stressed in this course as well as practice in various types of public speeches. Prerequisite: Speech 113.

3 semester hours.

DEPARTMENT OF FOREIGN LANGUAGES

Recognizing that language is the medium of expression, the courses in this department are planned for two groups of students. First, suitable work is organized for those who are primarily interested in a cultural education and who realize that only through the language of another people can one fully understand and appreciate their thoughts and life. Second, plans are made to meet the practical needs of those other students who may desire to enter the professions, do graduate work, or come into business contact with our foreign speaking neighbors.

German

114. *Elementary German*. Fundamentals of grammar and pronunciation, conversation and composition, and easy reading.

4 semester hours.

124. *Elementary German*. A continuation of 114. Prerequisite: German 114.

4 semester hours.

thology of children's literature are used as texts supplemented by library reading. Story-telling is emphasized. Prerequisites: English 113, 123, 213, and 223.

3 semester hours.

*English 313. *American Literature*. A study is made of background and national development of American literature. Emphasis is on the outstanding authors of each period and intensive study of their representative works. The Colonial Age and period of the Republic through Poe and Longfellow are studied. Papers and reports are required. Prerequisites: English 113 and 123.

3 semester hours.

*English 323. *American Literature*. In this course the emphasis is on Whitman, Emily Dickinson, the novel and short story, and the essay through the nineteenth century. Prerequisites: English 113 and 123.

3 semester hours.

*English 333. *The Short Story*. This course includes the study of the development of the short story, the different types, the analysis of technique, the reading of many short stories, and experience in writing. Prerequisites: English 113, 123, and Junior standing.

3 semester hours.

*English 343. *Advanced Composition*. This course includes an intensive review of grammar and usage, daily practice in writing, extensive reading, and the analysis of selected library works. Prerequisites: English 113, 123, and Junior standing or approval of department.

3 semester hours.

*English 353. *Contemporary British and American Poetry*. The representative poets of the twentieth century are studied. The trends and influences are carefully considered. Emphasis is on such poets as Frost, Sandburg, T. S. Eliot, and the younger group of poets. Extensive reading and some writing required. Prerequisites: English 213, 223.

3 semester hours.

*English 423. *The Nineteenth Century Novel*. A study is made of English and American novels and novelists, from Jane Austen to Conrad and from Cooper to Mark Twain. Points of comparison between English and American authors noted. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 433. *Shakespeare*. This course includes the study of important early plays with consideration of the types, sources, and Shakespeare's development as a dramatist. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 443. *Shakespeare*. A continuation of 433. Intensive study of the great tragedies and later comedies. Prerequisites: English 213, 223, 433, and Junior standing.

3 semester hours.

*English 453. *Milton*. Consideration is given to Milton's prose work. Intensive study of his short poems and parts of *Paradise Lost*. Influences and trends of the seventeenth century emphasized. Term papers required. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

*English 463. *Browning*. The short poems, several of his dramas, and important books of *The Ring and the Book* are studied. Emphasis is given to Browning's philosophy and technique. Themes, reports, round-table discussions are required. Prerequisites: English 213, 223, and Junior standing.

3 semester hours.

Speech

*Speech 113. *Fundamentals of Speech*. This is a basic course and is the prerequisite of all courses in speech, drama, and radio. It emphasizes voice and diction, phonetics, and basic speech principles.

3 semester hours.

*Speech 123. *Introductory Public Speaking and Discussion*. The technique and practice of public discussion are stressed in this course as well as practice in various types of public speeches. Prerequisite: Speech 113.

3 semester hours.

DEPARTMENT OF FOREIGN LANGUAGES

Recognizing that language is the medium of expression, the courses in this department are planned for two groups of students. First, suitable work is organized for those who are primarily interested in a cultural education and who realize that only through the language of another people can one fully understand and appreciate their thoughts and life. Second, plans are made to meet the practical needs of those other students who may desire to enter the professions, do graduate work, or come into business contact with our foreign speaking neighbors.

German

114. *Elementary German*. Fundamentals of grammar and pronunciation, conversation and composition, and easy reading.

4 semester hours.

124. *Elementary German*. A continuation of 114. Prerequisite: German 114.

4 semester hours.

213. *Intermediate German.* Grammar review, conversation and composition, and reading of suitable texts. Prerequisite: German 124.
3 semester hours.

223. *Intermediate German.* A continuation of 213.
3 semester hours.

*312. *Survey of German Literature.* Lectures, readings, and reports on authors and works of German literature. Prerequisite: German 223.
2 semester hours.

*322. *Survey of German Literature.* A continuation of 312.
2 semester hours.

Spanish

Spanish 114. *Elementary Spanish.* Fundamentals of grammar and pronunciation, conversation and composition, and easy reading.
4 semester hours.

Spanish 124. *Elementary Spanish.* A continuation of Spanish 114. Prerequisite: Spanish 114 or two years of high school Spanish.
4 semester hours.

Spanish 213. *Intermediate Spanish.* Grammar review, conversation and composition, and reading of suitable texts. Prerequisite: Spanish 124.
3 semester hours.

Spanish 223. *Intermediate Spanish.* A continuation of Spanish 213.
3 semester hours.

*Spanish 312. *Survey of Spanish Literature.* Lectures, readings, and reports on authors and works dating from the beginning of Spanish Literature through the seventeenth century. Prerequisites: Spanish 124, 213, and 223.
2 semester hours.

*Spanish 322. *Survey of Spanish Literature.* A continuation of Spanish 312.
2 semester hours.

Greek

(See Department of Religion)

DEPARTMENT OF MUSIC

Any student interested in music but who does not wish to major in this department may apply for voice, piano, or other subjects offered. Participation in all musical organizations is open to any student enrolled in the college. Qualifications and classifications are made by auditions announced at the beginning of each semester.

Credit of one hour each semester is given for choir or orchestra, but not more than four hours of each may be counted toward a degree.

Choral Work

The College Choir: Membership is open to all students who qualify by audition. Music students are urged to participate. The choir is made up of a women's chorus and a men's chorus capable of performing separately and together. Numerous concerts and programs are given throughout the year. Secular and religious music are performed.

Vocal Ensembles: Quartets, trios, and sextets are chosen from the chorus. To qualify for ensemble work, students must be able to read music and have a knowledge of interpretation and phrasing. These groups are chosen by the choral director.

Band and Orchestra

The college orchestra is open to any student capable of meeting the requirements of the director. Various types of programs are given each semester.

Student Recitals

At regular intervals informal and formal recitals are given. All applied music students are expected to perform in at least two recitals during each semester. All students who major in music are required to attend all student recitals.

A junior recital is required of every prospective graduate as prerequisite to senior work. Junior recitals are given in groups of two or three after completion of prerequisite technical examinations.

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 four months before graduation date.

Concert and Radio Work

Groups and individual performers are sometimes sent out upon request for church meetings and banquets. Programs are prepared for radio broadcasting, clubs, and various entertainments.

Practice

To receive one hour of credit for piano or voice, the student is required to take one lesson each week and to practice a minimum of one hour daily, six days each week. To receive two hours credit the time is doubled.

Voice students may divide the practice hour into two thirty-minute periods if so recommended by the voice instructor.

Theory

Music 113. *Fundamentals of Music*. The rudiments of music are studied. Notation, scales, rhythms, intervals, and the approach to harmony are discussed and applied. The singing, recognition, and writing from dictation of diatonic intervals, major and minor triads, and simple melodies are included. Open to non-music majors.

3 semester hours.

Music 123. *Harmony*. This course consists of chord building, four part harmonization (figured and unfigured bass), and harmonization of simple folk tunes. One class hour each week consists of harmony applied to the keyboard. Prerequisite: Music 113.

3 semester hours.

Music 212. *Ear Training and Sight Singing*. A study of all rhythmic varieties and regular meter, diatonic and chromatic step-wise progression and scales, key signatures, with the help of written and keyboard drills and single voice dictation. Prerequisite: Music 113, except music majors.

2 semester hours.

Music 213. *Harmony*. A continuation of 123. Harmonization of melodies, using non-harmonic tones, diatonic and altered triads and sevenths; modulation. Prerequisite: Music 123.

3 semester hours.

Music 222. *Ear Training and Sight Singing*. Continuation of 212. Training in recognition of intervals and simple triad; sight singing and dictation in two parts and simple harmonizations. Prerequisite: Music 212.

2 semester hours.

Music 223. *Harmony*. A continuation of 213. Prerequisite: Music 213.

3 semester hours.

*Music 313. *Counterpoint*. A practical study of sixteenth century counterpoint in its various species in two to four part writing. Prerequisite: Music 223.

3 semester 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 223.

3 semester hours.

Piano

Music 111-121. *Class Piano*. Class instruction in elementary piano for students with no previous training. Adult preparatory books such as Wagness, Ahearn, Blake, and Burrows are used.

1 semester hour each.

Music 211-221. *Class Piano*. A continuation of 111-121. Additional material by leading composers of educational music. Prerequisites: 111-121.

1 semester hour each.

Music 131-141. *Piano — Private Instruction*. Major and minor scales in faster tempos, and in thirds, sixths and tenths; arpeggios in sevenths. Czerny, *School of Velocity*, Opus 299, or Bertini, *Studies*. Mozart or Haydn, *Easier Sonatas*. Bach, *Two-Part Inventions*.

1 or 2 semesters hours each.

Music 231-241. *Piano — Private Instruction*. Cramer, *Studies*. Bach, *Three-Part Inventions*. Mozart, *Sonatas*. Compositions by Chopin, Debussy, etc. Prerequisites: Music 131-141.

1 or 2 semesters hours each.

Music 311-321. *Piano — Private Instruction*. Czerny, *Opus 740*. Bach, *Three-Part Inventions*. Beethoven, *Sonatas*. Chopin, *Nocturnes*, *Etudes*, *Scherzos*. Classic, romantic, and modern pieces. Prerequisites: Music 231-241.

1 or 2 semesters hours each.

Music 411-421. *Piano — Private Instruction*. Clementi, *Gradus ad Parnassum*. Bach, *Well-Tempered Clavichord*. Chopin, *Etudes*. Beethoven sonatas of greater difficulty. Classic, romantic, and modern pieces. Preparation for senior recital. Prerequisites: Music 311-321.

1 or 2 semesters hours each.

Voice

Music 151-161. *Class Voice. Elementary*. Principles of breathing and breath control, a study of vowels and fundamental essentials of tone production. Elementary songs.

1 semester hour each.

Music 251-261. *Class Voice*. More advanced song material, with emphasis on phrasing, diction, resonance and intonation. Prerequisites: Music 151-161.

1 semester hour each.

Music 171-181. *Voice — Private Instruction*. Fundamentals of voice production, principles of breathing, breath control, a study of vowels and essentials of tone production. Simple songs.

1 or 2 semesters hours each.

Music 271-281. *Voice — Private Instruction*. More advanced technique. Studies in diatonic and chromatic scales, legato, staccato, phrasing and tone color, with emphasis on diction and interpretation. Prerequisites: Music 171-181.

1 or 2 semesters hours each.

Music 331-341. *Voice — Private Instruction*. Fundamentals of style and expression, continued emphasis on tone production. Increased study of songs. Prerequisites: Music 271-281.

1 or 2 semesters hours each.

Music 431-441. *Voice — Private Instruction*. Recapitulation of the work of the preceding years together with the study of more difficult songs and modern song literature. Preparation for senior recital. Prerequisites: Music 331-341.

1 or 2 semesters hours each.

History, Appreciation, and Conducting

*Music 333. *History and Appreciation*. This course is a survey of music from its beginning through its periods of development to the modern day. Principal composers of classical, romantic, and modern periods, together with masterpieces of the different periods, will be presented and discussed.

3 semester hours.

*Music 343. *History and Appreciation*. A continuation of Music 333 with emphasis placed on a survey of great compositions from the instrumental and vocal literature of all periods. Prerequisite: Music 333.

3 semester hours.

*Music 363. *Choral Conducting*. Techniques of conducting hymns, anthems, and other choral music are applied to actual performance. Interpretation and choral repertoire are emphasized. Prerequisite: Junior standing, or consent of professor.

3 semester hours.

*Music 433. *Advanced Conducting*. Baton technique for conducting; score reading and actual conducting of marches, overtures, symphonies, etc. Prerequisite: Music 363.

3 semester hours.

Music Education

*Music Education 313. *Music in the Primary Grades*. Study and demonstration of material and methods for the first three years in music; the selections, presentation and interpretation of rote songs; a study of the child voice; and the preparation of lesson plans. Prerequisite: Music 113.

3 semester hours.

*Music Education 323. *Music in the Intermediate Grades.* Problems and practices of teaching music in the intermediate grades. Part singing, sight reading, and rhythmic development continued. Prerequisite: Music 113.

3 semester hours.

*Music Education 413. *Music in the Junior and Senior High Schools.* Methods for developing and conducting the music program in junior and senior high school, including the organization of choruses and glee club; classification of voices; music appreciation; selection of music material, etc. Prerequisite: Music 113.

3 semester hours.

DEPARTMENT OF RELIGION

The courses in this department are basic courses designed for all college students. They are not professional courses for ministerial students to take the place of studies in a theological seminary or a divinity school. If ministerial students are fairly certain that they will continue their studies in a seminary, it is suggested that they major in some other department such as English, Education, or History. The courses offered in this division are intended to give the students an understanding and appreciation of the Bible and to arouse in students a desire for Christian usefulness and to equip them for leadership in the various activities of the church.

Bible

Bible 113. *Old Testament History.* An introduction to the Old Testament and a survey of the historical literature. Attention will be given to the institutions, religion, and national life of the Hebrew people. Required for graduation.

3 semester hours.

Bible 123. *New Testament History.* A general survey of the New Testament, beginning with the inter-Biblical period, with the main emphasis given to the Gospels and Acts. Required for graduation.

3 semester hours.

Bible 273. *Pastoral Duties.* This will be a study of practical duties and problems of the modern pastor, translating New Testament principles into present day practice. Such matters will be studied as ordination, baptism, Lord's Supper, marriages, and funerals. Prerequisites: Bible 113, 123.

3 semester hours.

Bible 283. *Homiletics.* A study in the art of preparing and delivering sermons. There will be some actual practice in the delivery of sermons. Some attention will be given to the building and use of a personal library. Prerequisites: Bible 113, 123.

3 semester hours.

Bible 323. *Evangelism*. A study of the principles, message, and methods of evangelism. The principles of the Bible will be applied to all types of evangelism, including personal, church and mass evangelism. Each student is expected to do personal work as a part of this course. Prerequisites: Bible 113, 123.

3 semester hours.

*Bible 333. *Old Testament Prophets*. A study of the occasion, content and interpretation of the writing prophets of the Old Testament, with special emphasis on the Messianic element. Prerequisites: Bible 113, 123.

3 semester hours.

*Bible 343. *Life and Writings of John*. A study of the life and times of John, the beloved apostle, followed by an analysis of The Fourth Gospel, the Johannine Epistles, and the Revelation; these will be treated as to sources, authorship, date, vocabulary, form and content. Prerequisites: Bible 113, 123.

3 semester hours.

Bible 373. *Christian Doctrines*. A systematic study of the great doctrines of the Bible, with special attention given to the doctrines and practices of Baptists. Prerequisites: Bible 113, 123.

3 semester hours.

*Bible 423. *General Epistles*. This study will deal with the historical background, authorship, and exegetical analysis of the General Epistles (James; I and II Peter; I, II, and III John; Jude; and Hebrews). Prerequisites: Bible 113, 123.

3 semester hours.

*Bible 433. *Life and Teachings of Christ*. A careful study of the life of Jesus with special emphasis on His person, teachings, and work. Prerequisites: Bible 113, 123.

3 semester 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, 123.

3 semester hours.

New Testament Greek

The courses listed below are designed first, to confer an early mastery of the essentials of inflection and syntax; second, to resolve the principal difficulties of grammatical analysis; and third, to develop in the student a vigorous and independent interest in the Greek New Testament. Fourteen hours of Greek (two years) will meet the language requirement for the Bachelor of Arts degree.

Greek 274. *Beginners' Greek*. This course is designed for those who are taking the study of Greek for the first time and for others whose preparation does not fit them for entering an advanced class in Greek. It aims to give the fundamentals necessary to the study of the Greek New Testament. This course meets an hour each day, five days a week. Sophomore standing or individual approval is necessary before enrolling in this course.

4 semester hours.

Greek 284. *Beginners' Greek*. This course is a continuation of Greek 274. A study of Davis' Grammar will be completed with simple exercises for reading and translation. Special stress will be laid upon the meaning of the cases, the prepositions, and the tenses. This course will meet an hour each day, five days a week. Prerequisite: Greek 274 or its equivalent.

4 semester hours.

Greek 373. *Advanced Greek Grammar*. For second year students of the Greek New Testament. 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 demonstration of the significance of verb forms as vital to accurate translation. Prerequisites: Greek 274 and 284, or their equivalent.

3 semester hours.

Greek 383. *Advanced Greek Grammar* (continued). A continuation of 373. The second half of the course will include 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.

3 semester hours.

Religious Education

Rel. Ed. 113. *A Survey of Religious Education*. This will be an introduction to and a brief survey of the entire field and program of religious education with emphasis on teaching, organization, and administration of the program.

3 semester hours.

Rel. Ed. 123. *Church Activities and Denominational Work*. A study of the organization, government and work of a church, and of organized means for the cooperation of churches. This course will emphasize the practice of Religious Education in the organizations of the local church. Prerequisite: Rel. Ed. 113.

*Rel. Ed. 253. *Christian History*. A survey of the growth of Christianity from the New Testament period to the present. An effort is made to

understand modern Christianity in the light of its historical development.

3 semester hours.

- # *Rel. Ed. 263. *Religious Dramatics*. A study of practical methods and materials for church drama. The worship service of the church is also studied.

3 semester hours.

- *Rel. Ed. 313. *Baptist History*. A study of the history of Baptists up to the present. An outline of Baptist principles, based on the Bible, will be studied; and a history of these principles will be traced to our present day.

3 semester hours.

- *Rel. Ed. 323. *Christian Missions*. A survey of the history and influence of Christian missions throughout the world, with special emphasis upon the missionary activities of Southern Baptists.

3 semester hours.

DEPARTMENT OF SCIENCE

Biology

The courses in biology are offered for the purpose of general culture as well as to lay proper foundations for those desiring to specialize in scientific work, in medicine, agriculture, or engineering.

- # *Biology 114. *General Botany*. The student is introduced to the basic principles of the science of living matter through a study of the functions 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.

4 semester hours.

- # *Biology 124. *General Zoology*. Basic principles of living matter are emphasized through study of the animal kingdom. Dissections are made of representative specimens.

4 semester hours.

- # Biology 134. *General Biology*. A study of plants and animals for the understanding of living things, the relationship to one another and importance to man. (No credit on a biology major or minor. Those who take Biology 134 will not be allowed to take Biology 114 or 124.)

4 semester hours.

- *Biology 224. *Comparative Vertebrate Anatomy*. A study of the origin and development of vertebrate organ systems. Dissections of representatives of major vertebrate types are made in the laboratory. The early

embryological development of these forms is studied and compared with each other and with the adult. Prerequisite: Biology 124.

4 semester hours.

- # *Biology 234-244. *Human Anatomy and Physiology*. A study of the structure and functions of the various organs and systems of the human body is made. Biology 234 includes supporting and motor tissues, nervous system, and special senses. Biology 244 includes circulation, respiration, digestion, absorption, excretion. Lecture 2 hours, laboratory 6 hours. Prerequisite: Biology 124.

4 semester hours each.

- *Biology 313. *Animal Ecology*. Wild animals of North America—their adaptations, communities, habitat, succession, conservation. Two lectures, 1 laboratory. Prerequisite: Biology 124.

3 semester hours.

- *Biology 323. *Genetics and Eugenics*. Principles and facts of heredity developed from plants and animals. Principles of race improvement. Prerequisite: Biology 114 or 124.

3 semester hours.

- # *Biology 324. *Systematic Botany*. The principles of taxonomy are studied with reference to local flora. Specimens are keyed and added to the Department Herbarium. Prerequisite: Biology 114.

4 semester hours.

- *Biology 334. *Vertebrate Embryology*. Animal development from the egg to the period of extra-uterine or extra-ovular existence. Prerequisites: Biology 124 and 224.

4 semester hours.

- # *Biology 413. *Applied Anatomy and Kinesiology*. Origins, insertions, and actions of muscles. Emphasis on postural problems. Prerequisites: Biology 124 and 234-244.

3 semester hours.

Mathematics

Students who do not have $1\frac{1}{2}$ credits in high school algebra should take Mathematics 114. Students who have $1\frac{1}{2}$ credits in high school algebra and $\frac{1}{2}$ credit in high school trigonometry should take Mathematics 133 and Mathematics 213. Students who have $1\frac{1}{2}$ credits in high school algebra but none in trigonometry should take Mathematics 133 and Mathematics 142. This applies to majors and minors in the department as well as students taking mathematics to fulfill the general requirements for degree.

Mathematics 114. *Introduction to College Mathematics*. This course will be concerned with the development of mathematical ideas and processes of college mathematics. The functional aspects of most of the branches of mathematics will be covered.

4 semester hours.

Mathematics 133. *College Algebra*. A study is made of binomials, complex numbers, and theory of equations.

3 semester hours.

Mathematics 142. *Plane Trigonometry*. This course includes the construction and measurement of angles, definition of trigonometric functions, inverse functions, and the solution of triangles.

2 semester hours.

Mathematics 213. *Analytic Geometry*. This is an introductory course which presents a study of graphs, curves, straight lines, conic sections, and equations of the second degree. Prerequisite: Mathematics 133.

3 semester hours.

Mathematics 233. *Differential Calculus*. This study covers the methods of differentiation. Parallel or Prerequisite: Mathematics 213.

3 semester hours.

Mathematics 243. *Integral Calculus*. This study covers methods of integration, definite integrals, multiple integrals, and the applications. Prerequisite: Mathematics 233.

3 semester hours.

*Mathematics 313. *Theory of Equations*. This course includes the solutions of the cubic and quartic equations, the solution of numerical equations, use of determinants, and a study of symmetric functions. Prerequisite: Mathematics 213.

3 semester hours.

*Mathematics 323. *Differential Equations*. This study includes the methods of solution of ordinary differential equations and their application to geometry, mechanics, and physics. Prerequisite: Mathematics 243.

3 semester hours.

*Mathematics 333. *Analytic Geometry of Space*. This course includes a study of planes and lines, transformation of coordinates, types of surfaces, the sphere, and quadric surfaces. Prerequisite: Mathematics 243.

3 semester hours.

*Mathematics 413. *Advanced Calculus*. This course includes the study of partial differentiation implicit functions, geometric applications, the definite integral, the gamma and beta functions, and line, surface, and space integrals. Prerequisite: Mathematics 243.

3 semester hours.

*Mathematics 423. *Advanced Calculus*. This is a continuation of Mathematics 413 and includes vector notation, Bessel functions, partial differential equations, and the calculus of variation. Prerequisite: Mathematics 413.

3 semester hours.

*Mathematics 443. *Projective Geometry*. This is an analytic study of the projective properties of figures. Prerequisite: Mathematics 243.

3 semester hours.

Physics

Physics 214. *General Physics*. This course treats the basic principles of general physics including a study of mechanics, heat, and sound. Prerequisite: One semester of college mathematics.

4 semester hours.

Physics 224. *General Physics*. This is a continuation of Physics 214 and includes a study of magnetism, electricity, and light. Prerequisite: Physics 214.

4 semester hours.

DEPARTMENT OF SOCIAL SCIENCE

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. Therefore every citizen, to vote, talk or to act intelligently, must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

History

History 113. *European Civilization*. The course includes the period from the fall of the Roman Empire in the West until 1660.

3 semester hours.

History 123. *European Civilization*. Includes the period from the age of Louis XIV to the present.

3 semester hours.

History 213. *American History*. A study of the foundations of American institutions, of colonial development and the expansion of sectionalism, and the development of the new republic to the present time.

3 semester hours.

History 223. *American History*. A continuation of History 213.

3 semester hours.

- *History 313. *History of England to 1688*. A study of the origin and the development of the English people; their political, social, economic, and cultural institutions. Prerequisites: History 113 and 123.
3 semester hours.
- *History 323. *History of England from 1688 to the Present*. A continuation of History 313.
3 semester hours.
- # *History 333. *The Renaissance and Reformation*. A study of the invention of printing and the diffusion of knowledge; the rediscovery of classical civilization; the vogue of classicism and humanism; the rise of literature and art; the development of natural science and historical criticism; Martin Luther and the revolt from Rome; Zwingli, Calvin, Knox, and others; the Counter-Reformation; the rise of the Jesuits and the Inquisition; the Thirty Years' War; Papacy and Empire. Prerequisite: Junior standing.
3 semester hours.
- # *History 343. *The French Revolution*. A study of the Old Regime, the influence of the Philosophers, the Estates General, the National Constituent Assembly, the attempts of France to establish a stable government during the 1790's, the Reign of Terror, Robespierre and other leaders; the rise of Napoleon Bonaparte, the foreign wars, the Empire and the reorganization of Europe, and the Congress of Vienna. Prerequisites: History 113 and 123 or consent of instructor.
3 semester hours.
- **History 353. *History of Latin America*. It is the purpose of this and following courses to give a complete survey of the Latin American countries from their discovery to the present time. Prerequisite: 12 hours in history. (1954-1955)
3 semester hours.
- **History 363. *History of Latin America*. A continuation of History 353. (1954-1955)
3 semester hours.
- **History 453. *History of American Diplomacy, 1776-1865*. A survey of the foreign affairs of the United States from the Revolution through the Civil War. Prerequisites: History 213 and 223, or Senior standing. (1952-1953)
3 semester hours.
- **History 463. *History of American Diplomacy, 1865 to Present*. A study of those international experiences of the United States which

seem to reveal the American foreign policy. Prerequisites: Senior standing or courses 213 and 223. (1952-1953)

3 semester hours.

Government

Government 213. *Federal Government*. An intensive study of the Federal Government of the United States. The purpose of this course is to furnish a guide to American citizenship, as well as to furnish a manual for the various phases of the constitutional system of the United States. Prerequisite: Sophomore standing.

3 semester hours.

Government 223. *State Government*. The purpose of this course is to give an intensive study of the state and local government of Arizona. A general survey will be given covering the government of all forty-eight states, but emphasis will be placed on all important phases of state and local government as it applies to Arizona.

3 semester hours.

Sociology

Sociology 213. *Principles of Sociology*. A study of the person and his world, the social processes, including cooperation, conflict, accommodation, and assimilation; also the means of social integration including the various institutions such as the family, the school, the church, business, and the state.

3 semester hours.

Sociology 223. *Social Problems*. A general study is made of the problems created by dependents, defectives and delinquents; intemperance; and problems created by the existence of war, family disorganization, crime, and poverty. Prerequisite: Sociology 213.

3 semester hours.

***Sociology 313. *Rural Sociology*. A study of social conditions of rural population, centering chiefly about the home, the school, and the church, and including such problems as health, recreation, and movements of rural populations. (1951-1952)

3 semester hours.

***Sociology 323. *Modern Cities*. A study of the historical development of the American city. The social structure of the city is analyzed and the social problems peculiar to the city are studied. Prerequisite: Junior standing. (1951-1952)

3 semester hours.

**Sociology 413. *Marriage and the Family*. This course attempts to make a sociological analysis of the family which will 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 necessary adjustments of marriage and family life. Prerequisite: Junior standing. (1953-1954)

3 semester hours.

**Sociology 423. *American Minority Problems*. 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. Immigration—its history, the present situation, and our post-war policy. Prerequisite: Junior standing. (1953-1954)

3 semester hours.

STUDENT ROSTER

1950 - 1951

(Includes summer enrollment of 1950)

SENIORS

Robert T. Callin	Glendale, Arizona
Jack Edward McDaniel	Tolleson, Arizona
Charles Frederick Marks	Edmond, Oklahoma
Elsie Marie Tipton	Tucson, Arizona
Douglas Eugene Wallace	Prescott, Arizona
Maurice F. Wicker	Smithdale, Mississippi

JUNIORS

George L. Brittain	Prescott, Arizona
Everett W. Brumback	Prescott, Arizona
Leroy W. Fitzgerald	Vanndale, Arkansas
Ralph L. Gardner	Santa Barbara, California
Maurice Eugene Hamlin	Prescott, Arizona
Glenn Dale Lawson	Tucson, Arizona
Clarice W. Maben	Laveen, Arizona
Martha Ann Main	Roanoke, Virginia
Jack Nash	Susanville, California
Robert L. Patton	Prescott, Arizona
M. Sylvia Rester	Picayune, Mississippi
Otho L. Rester	Picayune, Mississippi
Owen R. Smith	Lake, Mississippi
Mack H. Smoke	Marshall, Texas
Robert Earl Watson	Phoenix, Arizona
Martha Ann Wicker	Mobile, Alabama

SOPHOMORES

James L. Adkison	Prescott, Arizona
Mattie V. Aikens	Memphis, Tennessee
Euell E. Allison	Prescott, Arizona
Jenoise L. Allison	Prescott, Arizona
Leo C. Atherton	Prescott, Arizona
Dawn E. Bullock	Visalia, California
John Norman Chase	Prescott, Arizona
John H. Davis	Scottsdale, Arizona
Robert B. Davis	Globe, Arizona
Dorothy L. Forrest	Prescott, Arizona
Nelson H. Forrest	Prescott, Arizona
Betty Jane Hemming	Prescott, Arizona
James H. Hickey	Prescott, Arizona
Carter V. Jackson	Glendale, Arizona
Norman C. Kelley	Prescott, Arizona

**Sociology 413. *Marriage and the Family*. This course attempts to make a sociological analysis of the family which will 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 necessary adjustments of marriage and family life. Prerequisite: Junior standing. (1953-1954)

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3 semester hours.

Aelen L. Littlepage	Phoenix, Arizona
Chas. Tillman Lockhart	Prescott, Arizona
George W. McCaulley	Edmond, Oklahoma
Ewell F. McKinnie	Memphis, Tennessee
Glenn A. Murphey	Prescott, Arizona
Donald D. Myers	Safford, Arizona
Billie H. Pate	Dos Palos, California
Norma D. Patterson	Prescott, Arizona
Max D. Puffer	Prescott, Arizona
Denia Bell Roberts	Phoenix, Arizona
Mrs. Owen R. Smith	Lake, Mississippi
Henry K. Stringer	Prescott, Arizona
Philip R. Temple, Sr.	Prescott, Arizona
Richard James Thomson	Phoenix, Arizona

FRESHMEN

Forrest F. Balinger	Prescott, Arizona
Rodney T. Bates	Sheridan, Wyoming
Charlotte J. Blevins	Grants, New Mexico
Ollie C. Blevins	Grants, New Mexico
Morris L. Bradford	Susanville California
Eugene C. Branch	Prescott, Arizona
Phyllis Ann Brindley	Prescott, Arizona
Alice J. Burghout	Phoenix, Arizona
Lanna Lou Butler	Peoria, Arizona
Jason C. Carlisle, Jr.	Linden, Arizona
Herschel C. Cole	Prescott, Arizona
Kenneth N. Combs	Fresno, California
Gloria G. Crowe	Midland, Texas
John E. Dickey	Prescott, Arizona
James T. Dickie	Wickenburg, Arizona
Daniel B. Forrest	Los Gatos, California
Ralph A. Garcia	Prescott, Arizona
Otis L. Garner	Alto, Texas
Albert L. Greer	Winslow, Arizona
Ella Jo Greer	Winslow, Arizona
Joseph B. Greer	Winslow, Arizona
Robert B. Hale	Roswell, New Mexico
Janet P. Bowser Hall	Prescott, Arizona
Barbara J. Hawkins	Phoenix, Arizona
Robert Earl Hays	Prescott, Arizona
James W. Henson	Prescott, Arizona
Jack Hook	Prescott, Arizona
Ledema J. Ivie	Klamath Falls, Oregon
Robert L. Jenkins	Phoenix, Arizona
Sadie Lou Kelley	Prescott, Arizona
Mildred E. Koivu	Prescott, Arizona
Frances E. Lawson	Thalia, Texas

Cecile C. McKinnie	Memphis, Tennessee
Venancia S. Mattos	New Orleans, Louisiana
Jerry W. Menefee	Phoenix, Arizona
Neal J. Myers	Prescott, Arizona
Marvin K. Paup, Jr.	Prescott, Arizona
Ronald D. Pearsall	Prescott, Arizona
Dora Lou Pittsley	Sweet Home, Oregon
Charles T. Potts	Bluff City, Tennessee
Lucile Reed	McIntosh, Alabama
Richard W. Reese	Prescott, Arizona
Joseph Rich	Prescott, Arizona
Clarence L. Robinett	McNary, Arizona
Katherine I. Rodell	Prescott, Arizona
James P. Rogers, Jr.	Oklahoma City, Oklahoma
Vinnie M. Simpson	Snowflake, Arizona
Gwen L. Spry	Phoenix, Arizona
Donald G. Strang	Prescott, Arizona
James Robert Taylor	Carlsbad, New Mexico
Shirley L. Turner	Prescott, Arizona
Robert Lee Younce	Prescott, Arizona

OTHER CLASSIFICATIONS

Eleanor L. Allan	Prescott, Arizona
Jenoise L. Allison	Prescott, Arizona
Dwight M. Baker	Prescott, Arizona
J. Norman Beckman	Prescott, Arizona
Garnet R. Branch	Prescott, Arizona
Julia R. Brumback	Prescott, Arizona
Nancy G. Callin	Glendale, Arizona
Fred W. Campbell	Prescott, Arizona
Mrs. Allan S. Deppe	Prescott, Arizona
Devona E. Dickey	Prescott, Arizona
James E. Douglass	Prescott, Arizona
Geraldine Farmer	Prescott, Arizona
James F. Farmer	Prescott, Arizona
Frederick C. Fober	Tempe, Arizona
Ada Lois Forry	Prescott, Arizona
Harriet Byrle Hamblin	Phoenix, Arizona
Anna H. Hoffman	Prescott, Arizona
Dorothy D. Holcombe	Prescott, Arizona
Eugene M. Huddleston	Prescott, Arizona
Carter V. Jackson	Glendale, Arizona
Darlynne D. Lockhart	Phoenix, Arizona
John L. Moore	Riverside, California
Otho R. Moore	Prescott, Arizona
Jack L. Morgan	Pinedale, California
Martha Eva Myers	Prescott, Arizona
Luther B. Nelson	Phoenix, Arizona

Gordon H. Nickell	Kingman, Arizona
Mayme Lee O'Brien	Lamesa, Texas
Mrs. Jack Ott	Prescott, Arizona
Helen F. Paup	Prescott, Arizona
Lilyan Ramsey	Prescott, Arizona
Vera R. Read	Oklahoma City, Oklahoma
Esta Taylor Riess	Phoenix, Arizona
Esther Ten Harkel	Prescott, Arizona
Lois Ellen Wallace	Prescott, Arizona
Hazel M. Younce	Prescott, Arizona

ENROLLMENT SUMMARY

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	5	1	6
Juniors	12	4	16
Sophomores	20	9	29
Freshmen	32	20	52
Others	13	23	36
	82	57	139

APPLICATION FOR ADMISSION TO GRAND CANYON COLLEGE

Mr.....Mrs.....Miss.....DATE.....

Last Name

First Name

Middle Name

Present Address

Permanent Address

Place of Birth.....Date of Birth.....

Name of Parent or Guardian.....Relation.....

Address of Parent or Guardian.....

Are you a Veteran?.....Occupation of Parent or Guardian.....
(Yes or No)

Name of High School.....Location.....

Did you graduate?.....When?.....If you are entering college for the first time, request your high school principal to send a transcript of your credits to the Registrar, Grand Canyon College, P. O. Box 1669, Phoenix, Arizona.

Have you attended college since graduation from high school?.....Where?.....

.....If you are transferring from another college, Name and location of college request the Registrar to send a transcript of your college credits to the Registrar, Grand Canyon College, P. O. Box 1669, Phoenix, Arizona.

When do you plan to enter Grand Canyon College?.....Will you need a room reserved?.....If not, state what your living arrangements will be.....

Occupational interest.....Denominational preference.....

Are you a member?.....What church?.....
Yes or No Name, location and pastor

.....Do you drink alcoholic beverages?.....Do you use tobacco?.....

What course of study do you wish to follow at the College?.....

Married.....Single.....Divorced.....Children.....
Yes or No Yes or No Yes or No List ages

Nationality.....Race.....Condition of health.....

Height.....Weight.....Eyesight.....If you have any health difficulty or physical defects, explain briefly:.....

(over)

List your high school and college activities (include honors and honorary organizations):

.....

.....

.....

.....

Submit the following with this application:

1. A smallpox certificate.
2. A health certificate from your family physician.
3. Two letters of recommendation, one from one of your school officials (principal, teacher, counselor, etc.), the other from your minister or some responsible person in your community.
4. A \$10.00 Admission Deposit. (This will be applied against tuition and fees for the first term.)

(Signed)

CERTIFICATE OF RECOMMENDATION FOR ADMISSION TO GRAND CANYON COLLEGE

This is to certify that.....is of good moral character;
that he attended the.....High School, located at

..... from.....to.....; that he completed the
work and ranked in the First, Second, Third, Fourth (underscore one) Division of his
class.

*If transcript of credits has not been mailed to us, will you please enclose this information
with this certificate of recommendation.*

Do you recommend the applicant for admission to college?.....; for the following
Yes or No

reasons:

Your confidential rating of this student will be of value to us in directing his studies
and student life. Please check characteristics opposite each item and return to us.

PERSONALITY AND ABILITY RATING

Intellectual Ability	Dull	Slow	Average	Alert	Very keen
Scholastic Zeal	Unresponsive	Lazy	Average	Energetic	Craves scholarly tasks
Initiative	Needs supervision	Needs encouragement	Does ordinary assignments	Does supplementary work	Seeks additional tasks
Integrity	Dishonest	Tricky	Dependable	Conscientious	Loyal to high ideals
Cooperation	Self-centered	Cooperates when pressed	Willing to work with others	Can assume some responsibility	Eager to accept responsibility
Leadership Ability	Follower	Lets others lead	Leads in minor affairs	Leads in important affairs	Inspiring leader
Emotional Stability	Goes to pieces easily	Slightly unstable	Usually well balanced	Well-poised	Exceptionally well-poised
Personality	Displeasing	Unattractive	Average	Pleasing	Attractive
Manners	Unfamiliar with social customs	Tries to conform to customs	Careless	Punctilious in observing customs	Acts graciously always
Social Attitudes	Anti-social	Self-centered	Usually considerate of others	Always considerate of others	Strongly altruistic
Influence on others	Extremely unwholesome	Somewhat unwholesome	Little either good or bad	Wholesome	Unusually wholesome
Maturity	Playful	Immature	Slightly immature	Normal maturity	Exceptionally mature

(Continued on Next Page)

Comments:

Principal or Superintendent.....

This certificate should be mailed direct to the Registrar, Grand Canyon College,
P. O. Box 1669, Phoenix, Arizona.

