

Grand Canyon College

PHOENIX, ARIZONA

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



CATALOG FOR 1953-1954

ARIZONA SOUTHERN BAPTIST
HISTORICAL COMMISSION
ARCHIVES

Grand Canyon College

PHOENIX, ARIZONA

For Further Information, Address

Registrar, Grand Canyon College

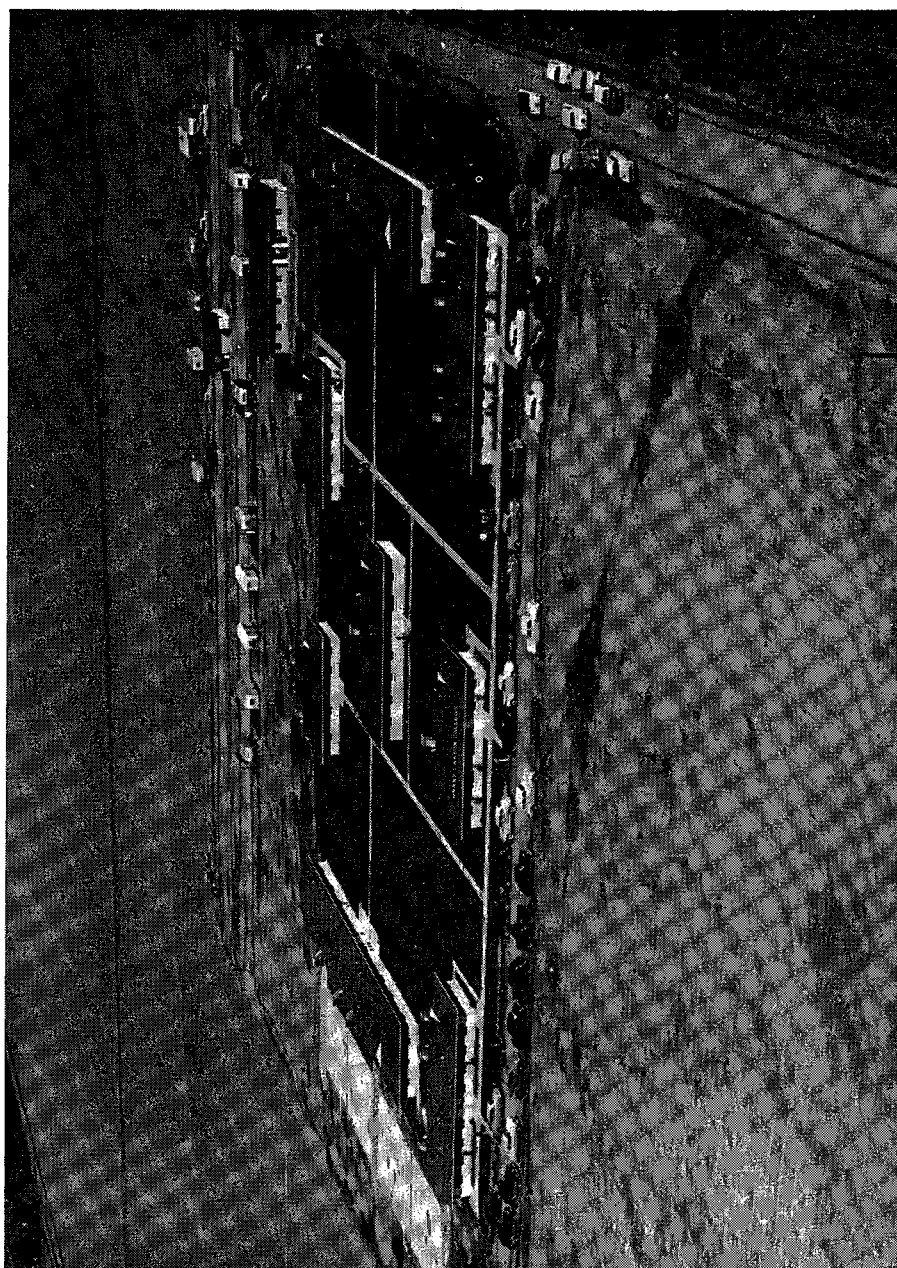
3222 W. Camelback, Phoenix, Arizona

CATALOG FOR 1953-1954

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.



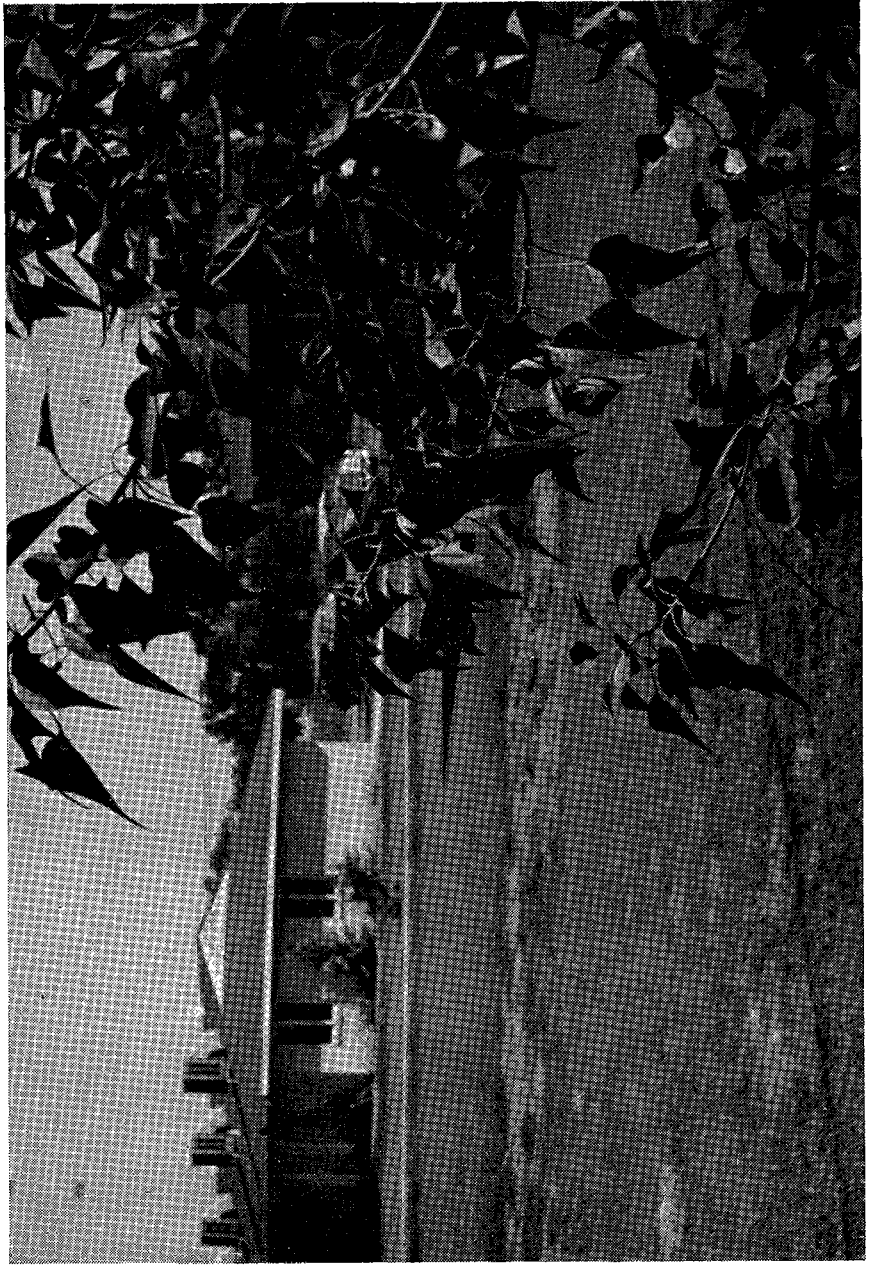


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Calendar for 1953

January							February							March						
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Calendar for 1954

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October							November							December						
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24	25	26	27	28	29	30	28	29	30	---	---	---	---	26	27	28	29	30	31	---

College Calendar

1953-1954

FIRST SEMESTER

Entrance Examinations	September 3-4
Freshman Orientation and Placement Tests	September 7-8
Registration of all students except Freshmen	September 7
Registration of Freshmen	September 8
Classes Begin, 8:00 A.M.	September 9
Last day of registration for credit.....	September 22
Faculty and President's Reception.....	September 25
Last day courses may be dropped.....	October 13
Mid-semester examinations	November 3-6
Thanksgiving Holidays	November 26-29
Classes Resumed, 8:00 A.M.....	November 30
Christmas Holidays.....	December 19—January 3
Classes Resumed, 8:00 A.M.....	January 4
First Semester Examinations.....	January 18-21

SECOND SEMESTER

Entrance Examinations	January 22-23
Registration	January 25
Classes Begin, 8:00 A.M.	January 26
Last day of registration for credit.....	February 8
Sweetheart Banquet	February 12
Last day courses may be dropped	March 1
Mid-semester examinations	March 23-26
Spring Holidays	April 16-19
Classes Resumed, 8:00 A.M.	April 6
Annual Field Day	April 24
Baccalaureate Service	May 23
Senior Tea	May 23
Second Semester Examinations	May 24-27
Commencement Exercises	May 28

69
11-1
7/220
3
21
237
36
40

Board of Trustees

Officers:

President.....Vernon E. Shipp, 1726 E. Earll Drive, Phoenix
 Vice-President.....C. Vaughan Rock, First Southern Baptist Church, Phoenix
 Secretary.....Gerald A. Hall, Trinity Baptist Church, Globe

Executive Committee:

Vernon E. Shipp, Chairman	Robert Crigler, Jr.
Vaughan Rock	W. R. Sullivan
Lee Faver	A. A. Wallace
W. A. McLeod	

Members: Term of Office Expiring in 1953

W. A. McLeod, Phoenix	H. M. Abernathy, Chandler
Loyed R. Simmons, Tucson	Hale V. Davis, Denver, Colorado
H. M. Jennings, Chandler	R. E. Gallatin, Tucson
Sam Phillips, Eloy	J. W. Hardin, Yuma

Term of Office Expiring in 1954

C. Vaughan Rock, Phoenix	Eugene Slone, Tucson
U. R. Neely, Casa Grande	Horace Lamb, Eloy
James LaFitte, Chandler	C. W. Anthony, Phoenix
Robert Crigler, Jr., Phoenix	O. L. Grose, Tucson

Term of Office Expiring in 1955

Vernon E. Shipp, Phoenix	W. I. Lowry, Phoenix
J. Will Howell, Tucson	A. A. Wallace, Phoenix
Lee Faver, Buckeye	Jack Sanders, Price, Utah
Gerald A. Hall, Globe	Roy C. Matthews, Winslow

W. R. Sullivan, Phoenix

**ARIZONA SOUTHERN BAPTIST
 HISTORICAL COMMISSION
 ARCHIVES**

Officers of Administration

Benjamin O. Herring.....	President
B.A. and M.A., Baylor University Th.M. and Ph.D., Southern Baptist Theological Seminary	
Glenn Eason.....	Registrar-Dean
B.A., Baylor University M.A., Sam Houston State Teachers College Additional Graduate Study, University of Houston	
Walter E. Floyd.....	Business Manager and Manager of Boys' Dormitory
B.A., Baylor University M. Ed., Southwest Texas State Teachers College	
Marie Mc Intosh.....	Acting Dean of Women and Hostess in Girl's Dormitory and Cafeteria
B.A., Carson-Newman College M.R.E., Woman's Missionary Union Training School Additional Graduate Study, Arizona State College, Tempe	
*Ruth Gibbons.....	Librarian
B.A., Union University B.S. in L.S., George Peabody College	
Paul R. Jakes.....	Field Representative
B.A., Baylor University Th.M., Southwestern Baptist Theological Seminary Additional Graduate Study, Southwestern Baptist Theological Seminary	
C. M. Cooke, M.D.....	College Physician
University of Utah	
R. W. Craig.....	Superintendent of Buildings and Grounds
Mrs. Clara Burghout.....	Cafeteria Manager

* Resigned

Faculty of Instruction

Betty L. Beck.....Assistant Professor of English
B.A., DePauw University
M.A., University of Oklahoma

Roland L. Beck.....Professor of Education; Head of Department,
Director of Teacher Training
B.A., Oklahoma Baptist University
M.A. and Ph.D., University of Oklahoma

David Burl Brazell.....Coach and Instructor in Physical Education
B.S., Arkansas State Teachers College
M.S., University of Arkansas

Mildred Brazell.....Instructor in Physical Education
B.A., Arkansas State Teachers College
Graduate Study, University of Arkansas

Jack W. Herring.....Associate Professor of English
Acting Head of Department
B.A. and M.A., Baylor University
Additional Graduate Study, University of Pennsylvania

Rachael La Roe.....Professor of Mathematics; Head of Department
 B.A., Mary Hardin-Baylor College
 M.A., University of Tennessee
 Additional Graduate Study, Duke University, Oregon State College,
 University of North Carolina

Arthur M. Lee.....Associate Professor of History
Acting Head of Department
B.A. and M.A., University of Kansas City
Candidate for Ph.D.

Carl J. Lester.....Assistant Professor of Business
Administration and Economics
B.S., Central State College
M.A., University of Oklahoma
Additional Graduate Study, Louisiana State University

Marie McIntosh.....Instructor in Social Science
B.A., Carson-Newman College
M.R.E., Woman's Missionary Union Training School
Additional Graduate Study, Arizona State College at Tempe

Clarice Maben.....Instructor in Social Science
 B.A., Grand Canyon College
 Graduate Study, Baylor University

Henry M. Mann.....Assistant Professor of Biology
 B.S., Arkansas State College
 M.A., George Peabody College

D. C. Martin.....Assistant Professor of Bible
 B.A., Wake Forest College
 Th.M., Southwestern Baptist Theological Seminary

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

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

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

H. E. Ten Harkel.....Associate Professor of Music
 Head of Department
 B.M., Lawrence College
 M.M., Roosevelt College

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

To be announced.....Instructor in Secretarial Science

To be announced.....Instructor in Education

To be announced.....Instructor in Mathematics-Science

* Resigned

Teacher Training Staff

Roland L. Beck.....	Director of Teacher Training B.A., Oklahoma Baptist University M.A. and Ph.D., University of Oklahoma
Abia W. Judd.....	Superintendent of Prescott Schools B.A., Arizona State College, Flagstaff M.A., State University of Iowa Additional graduate study, Colorado State College of Education
Ruth E. Hoffman.....	Supervisor, Third Grade, Washington Elementary School B.S.E., Drake University
S. M. Louttit.....	Director of Elementary Education M.A., University of Mississippi
R. E. Simpson.....	Superintendent of Alhambra Schools B.A., Arizona State College, Tempe
James C. Phillips.....	Principal of Westwood School B.A., Drake University M.A., University of Missouri Additional graduate study, George Peabody College for Teachers
W. Wozencraft.....	Principal of Alhambra School B.A., Arizona State College, Tempe
Wayne Sanford.....	Superintendent of Phoenix Christian High School B.S., University of Minnesota M.A., University of Minnesota Th.B., Northwestern Theological Seminary Graduate Northwestern Bible School
Dorothy Brotherton.....	English Supervisor A.B., Wheaton College, Wheaton, Illinois M.A., Syracuse University, Syracuse, New York
Harry McElhone.....	Social Science Supervisor A.B., Taylor University, Upland, Indiana M.A., Arizona State College, Tempe Graduate Fort Wayne Bible Institute
Robert W. Ashe.....	Superintendent of Glendale Union High School B.A., Arizona State College, Tempe M.A., Arizona State College, Tempe
Robert E. Crouch.....	Athletic Director B.A., University of Arizona M.A., University of Southern California
Sara H. Clardy.....	English Instructor B.S., Kansas State Teachers College M.A., University of Arizona
Loren W. Pierce.....	Superintendent of McNary School A.B., Arizona State College, Tempe M.A., Arizona State College, Flagstaff
George Henry.....	Supervisor of Athletics, McNary High School B.S., Arizona State College, Flagstaff Special in Physical Education, Arizona State College, Flagstaff

Faculty Committees

Administrative Advisory.....	President Herring, Eason, Floyd, Gibbons, McIntosh, La Roe, Lee, Beck, Jack Herring
Admissions and Academic Regulations.....	Eason, Beck, Maben, Mann
Athletics and Health.....	Brazell, Mrs. Brazell, Floyd, Mc Intosh
Calendar and Catalog.....	Eason, Mrs. Beck, Maben, Mann
Chapel.....	Jack Herring, Lester, O'Brien, Weller
Curriculum.....	Eason, Department Heads
Dean's Council.....	Eason, Floyd, Gibbons, McIntosh, Mrs. Beck
Discipline and Guidance.....	Eason, Martin, Mrs. Beck
Extracurricular-Social.....	Ten Harkel, Martin, McIntosh, O'Brien
Library and Publications.....	Lee, Gibbons, Herring, Weller
Scholarships.....	Puckett, Brazell, Floyd, President Herring, Jakes

Grand Canyon College

LOCATION

Grand Canyon College is located in Phoenix, Arizona, the capital 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

The first definite steps toward founding Grand Canyon 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 problems and report their findings to the Executive Board of 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 approval.

At a called meeting of the college trustees in the First Southern Baptist Church, Phoenix, March 4, 1947, Prescott was chosen as the site for the college. The name of Grand Canyon College was given to the new institution at a later meeting of the trustees at the First Baptist Church, Coolidge, Arizona, July 19, 1948. It was chartered on August 1, 1949.

Dr. Willis J. Ray, Executive Secretary of the Convention, undertook the promotion of the college and served as its president the first year of its operation in Prescott, 1949-1950. Mr. Leroy Smith, State Secretary of Evangelism, became president of Grand Canyon College in October, 1950 and served until April 1, 1952.

After having operated the college in the city of Prescott for two years in temporary quarters, the Board of Trustees deemed it wise to move from Prescott to Phoenix. There under the supervision of President Smith an eighty-acre campus site on West Camelback Road was purchased and nine buildings for a student body were provided.

In the spring of 1952, Dr. B. O. Herring became president of the college. An enlargement campaign was begun in 1953 with the securing of an additional eighty acres of land adjoining the original site and with plans for more buildings to accommodate a steadily increasing student body.

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 and other full-time Christian work, law, medicine, teaching, and business.

SPECIFIC AIMS

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

1. By physical training it aims to include habits of temperance, healthful living, physical strength, and enjoyment of active participation in clean sports.
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 social development it aims to instill a proper evaluation of social values as well as develop ease, enjoyment, and poise in association with people.
4. 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.
5. By spiritual growth it aims to stress an appreciation of spiritual realities, of God's natural universe and laws, of God's institutions, and of God's plan and purpose in each individual life.

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, et cetera.

The instructional 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 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, and punctuality and dependability in meeting all responsibilities 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.

ACCREDITATION

Grand Canyon College is fully accredited by the University of Arizona, and credits earned at Grand Canyon College are accepted on a basis of complete equality with those earned at other institutions. Credits are approved on an individual basis 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.

Grand Canyon College is approved by the Veterans Administration for education of veterans under Public Laws 16 and 346, and for Korean veterans under Public Law 550.

By authorization from the United States Department of Justice, Immigration and Naturalization Service, non-immigrant alien students can now attend Grand Canyon College merely by establishing their eligibility in the usual academic way.

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 be passing in two-thirds of their work, such eligibility to be determined by the most recent grade records in the Registrar's office.

FOURTH: No new club or society may be formed unless the faculty 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 administration and 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: 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, such eligibility to be determined by the most recent grade records in the Registrar's office. All nominations must be submitted to the Registrar's office for checking as to eligibility.

EIGHTH: 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 the 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 the interests 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 a student'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 boarding houses approved by the Dean of Men or the Dean of Women and the Dean of the College. 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, and the landlord must agree to enforce all such 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 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 prepare for better 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, tennis, 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 is 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. Oak Creek Canyon and Montezuma Castle.
3. Walnut Canyon Cliff Dwellings, Sunset Crater and Ice Caves.
4. Casa Grande Ruins.
5. Indian Reservations.
6. Gold Mines and Lumber Mills.

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 may be 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. All hospital services, medical fees for an operation, specialists' fees, X-Rays, and 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 prescription will be made for a student not reporting in person to the school nurse, and the college will not be responsible for the cost of any appointment with the doctor that is not made by the college nurse.

Physical Education And Intercollegiate Athletics

PHYSICAL EDUCATION

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

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

The college employs competent physical education instructors, 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 any student:

- (a) Who is carrying a regular course of study of not fewer than twelve hours a week and who was enrolled at or near the first of the term in which he plays;

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

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.

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 Registrar-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 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.

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 F.

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 of his status at the end of the semester 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, except in physical education.

REGULATIONS CONCERNING COURSE LOAD

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.

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 of work, except upon the advice of the College Physician or by special consent of the Dean.

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

Responsibility for attendance at every meeting of the classes in which a student is enrolled rests with the student. Every failure to attend class is recorded as an absence and reported by the teacher to the Dean's office at the end of each week.

Under certain circumstances authorized absences may be recognized and work missed made up on written permission from the Dean of the College. Initiative in securing such permission and in making up work will be taken by the student, except for group representation of the school, in which case the faculty sponsor of the activity will clear the absences with the Dean.

In no case may a student receive credit for a course in which he has been absent more than four times the number of periods the class meets per week, including periods missed due to late enrollment. When accumulated absences exceed the maximum number allowable, the student will be automatically dropped from the course with a grade of F.

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 four times the number of chapel periods per week, the student will be automatically suspended from school for the remainder of the semester unless reinstated by the discipline committee. Permanent excuses from chapel must be requested in writing, giving reasons therefor. Such excuses must have the approval of the Dean.

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:

- (1) 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.
- (2) 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.
- (3) A student will be classified as a junior who has at least 60 semester hours to his credit and 60 quality credits.
- (4) A student will be classified as a senior who has at least 90 semester hours and one quality credit for each hour and is not notably deficient in spelling, reading, and English grammar.

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

The college offers curricula leading to the Degree of Bachelor of Arts and to the Degree of 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.

The Board of Trustees reserve 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.....	\$ 6.00
(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-week test, mid-term, or final).....	1.00
Change of course, except the first.....	1.00
Late registration.....	2.00
Late Entrance Examination.....	2.00
Medical	6.00
Penalty for late medical examination.....	2.00
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

This deposit is not refundable after September 1, unless applicant enters school.

Breakage deposit.....\$10.00

This deposit will remain in effect as long as the student plans to continue his studies and will be subject to charge for property loss or damage; breakage or violation of rules in any laboratory, 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.....\$247.50

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 weekends 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. 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 applies to all residents of men's and women's dormitories. Lunch is available at the school cafeteria for students who live off the campus.

Apartments for Married Students

A limited number of trailers are available for rent. Requests for reservations for trailers or trailer space should be made to the Business Office.

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

- (1) The student must meet the college entrance requirements.
- (2) He or she must not use tobacco and must otherwise be deserving.
- (3) If a minister, he must be licensed or ordained.
- (4) If a minister, he must take 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, or a similar program sponsored by his own denomination.

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

1. *Valedictory*

Scholarships in the amount of \$200.00 are offered to students who are valedictorians of their high school graduating classes. These scholarships must be used during the year immediately following graduation. Students interested in the valedictory scholarships should write to President B. O. Herring.

2. *Music*

Twelve scholarships in voice or piano are offered by the music department. These pay \$50.00 per semester, or \$100.00 during the first year the student attends Grand Canyon College. Applications should be filed with Professor H. E. Ten Harkel.

3. *Departmental*

In order to be eligible for a scholarship in a particular department the student must have:

- (a) Declared his intention of majoring in that department;
- (b) Maintained an overall average of "B" on all work taken in Grand Canyon College and an average of "B" in the department offering the scholarship.

4. *Publications*

(a) *Canyon Trails*. Scholarships of \$50.00 each per semester are granted to the editor and business manager of the college annual.

(b) *Grand Canyon Echoes*. Scholarships of \$50.00 each per semester are granted to the editor and business manager of the college weekly paper.

The editors and business managers of these publications are elected by the Student Association, upon recommendation of the faculty Publications Committee. In the case of any student who fails to discharge the obligation of his office, the committee may recommend revocation of the scholarship.

5. *Athletic*

Fifteen basketball scholarships for full tuition each semester will be offered. A maximum of ten additional scholarships for baseball and/or tennis are offered. Students interested should make application to Coach David B. Brazell.

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 following information to be filed with the Registrar:

1. A transcript of his high school record, including a statement of rank of the applicant in his graduating class.
2. A recommendation of the applicant from his Principal.
3. A personality and ability rating sheet from the high school Principal or Superintendent.
4. 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 33) 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 have on file in the Registrar's office a transcript of all credits from the institution last attended. Transcripts received through the hands of students are not acceptable as a basis for admission. It is the responsibility of the student to request that his transcripts be mailed to the Registrar.

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.

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 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 7, 1953. By the end of September 8 all student enrollment should be complete. There will be a penalty for enrollment after noon on September 9.

Registration for Courses

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

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 And Departments of Instruction

GENERAL REQUIREMENTS

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

Every student classified as a Junior by the Registrar's office will take a test provided by the English Department. In case of failure, the student will retake the test in the following semester. In case of failure on the second taking, the student will be required to enroll in Remedial English 110 and successfully complete this course. This requirement must be met before a student will be classified as a Senior by the Registrar's office. This regulation includes transfer students.

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) 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, in addition to those which may be 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, Economics	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, 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, Economics.....	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 Elementary Education, Music Education, Business Administration, Mathematics, and Physical Education.

*One language only.

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.

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.

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.

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 Business Administration

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

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. (On demand)

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. (Each fall)

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. (Each spring)

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. (Fall, 1953)

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. (Spring, 1954)

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. (Spring, 1955)

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. (Fall, 1954)

3 semester hours.

363. *Business Law*. A continuation of 353. Laws as related to the forms of modern business; individual proprietorships, partnerships, corporations. Prerequisite: B.A. 353. (Spring, 1955)

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. (Spring, 1954)

3 semester hours.

433. *Cost Accounting*. Principles of factory and distributive cost accounting. Prerequisites: B.A. 224. (Fall, 1954)

3 semester hours.

443. *Income Tax Accounting*. An interpretation of federal income tax laws with practice material requiring an application of provisions to the returns of individuals. Prerequisites: B.A. 224. (Fall, 1953)

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. (Fall, 1953)

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 improvements. (Spring, 1954)

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. (Spring, 1954)

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. (Spring, 1955)

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. Prerequisites: Economics 213 and 223. (Fall, 1953)

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 employees and society. Prerequisites: Economics 213 and 223. (Fall, 1956)

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. Prerequisites: Economics 213 and 223. (Fall, 1954)

3 semester hours.

Secretarial Science

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 plain copy. (Fall, 1953)

3 semester hours.

Secretarial Science 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. (Spring, 1954)

3 semester hours.

Secretarial Science 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, and daily reading from shorthand plates. Five hours weekly of recitation and laboratory. (Fall, 1953)

3 semester hours.

Secretarial Science 143. *Shorthand*. A continuation of 133. Additional study in phrasing and practice in reading shorthand and taking dictation. Speed attainment in dictation of 80 words per minute. Five hours weekly of recitation and laboratory. (Spring, 1954)

3 semester hours.

DEPARTMENT OF EDUCATION

The courses in education and psychology are planned and organized to meet the following requirements: (1) Major in Elementary 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.

In order to become a candidate in teacher training, a student must have completed 58 semester hours of college work with an average grade of "C".

Kindergarten - Primary Certificate
(Grades 1 - 3)

(Bachelor's degree and 24 semester hours minimum requirements
in Education and Psychology)

Requirements:

A.	El. Ed. 332 Kindergarten-Primary Curriculum and Techniques	2 Semester hours
B.	El. Ed. 373. Children's Literature and Story Telling	3 Semester hours
C.	El. Ed. 343. Language Arts	3 Semester hours
D.	El. Ed. 362. Construction and Play Materials	2 Semester hours
E.	Psy. 352. (Play Education) Child Psychology	2 Semester hours
F.	Health Education 433. School and Community Health	3 Semester hours
G.	Practice Teaching. 4 hours Kindergarten 4 hours Grades 1, 2, and 3	8 Semester hours
*H.	Music 212. Sight-Singing	2 Semester hours
*	Music 222. Sight-Singing	2 Semester hours
*I.	Music 111, 121, or Music 131, 141, Piano Accompaniment	2 Semester hours
J.	Ed. 112. Introduction to Education	2 Semester hours
K.	Psy. 213. General Psychology	3 Semester hours
L.	Ed. 413. Tests and Measurements	3 Semester hours
M.	Ed. 422. History of Education	2 Semester hours
	Total Education and Psychology	30 hours.
	Health Education 433	3 hours
	Music (as listed)	6 hours

* Music requirements may be certified.

Elementary Certificate
Grades 1 to 9

(Bachelor's degree and 24 semester hours minimum requirements in
Education and Psychology.)

Requirements:

A.	Psy. 213. General Psychology	3 Semester hours
B.	Ed. 313. Educational Psychology	3 Semester hours
C.	El. Ed. 343. Language Arts	3 Semester hours
D.	El. Ed. 353. Elementary School Curriculum and Techniques	3 Semester hours

E.	Ed. 413. Tests and Measurements	3 Semester hours
F.	Health Ed. 433. School and Community Health	3 Semester hours
G.	El. Ed. 328. Apprentice Teaching in the Elementary Grades (5 hours in grades 1 to 9)	8 Semester hours
H.	Ed. 112. Introduction to Education	2 Semester hours
I.	Psy. 352. Child Psychology	2 Semester hours
J.	Ed. 422. History of Education	2 Semester hours
K.	Elective in Education or Ed. 111	1 Semester hour
	Total Education and Psychology	30 hours
	Health Education 433	3 hours

Pre-Secondary Certificate
(Grades 7-12)

(Bachelor's degree and 6 hours of graduate work—a major of 24 hours, and a minor of not less than 15 hours—18 semester hours in Education and Psychology.)

Secondary Certificate
(Grades 7-12)

(Master's degree or 30 graduate semester hours, 24 semester hours in Education and Psychology, 6 graduate hours in Education, Major 24 semester hours, Minor 15 semester hours)

Requirements:

A.	Psy. 213. General Psychology	3 Semester hours
B.	Ed. 313. Educational Psychology	3 Semester hours
C.	Ed. 422. History of Education	2 Semester hours
D.	Ed. 413. Tests and Measurements	3 Semester hours
E.	Health Ed. 433. School and Community Health	3 Semester hours
F.	H. S. Ed. 322. General Methods of Teaching in High School	2 Semester hours
G.	H. S. Ed. 443. Curriculum and Principles of Secondary Education	3 Semester hours
H.	H. S. Ed. 325. Apprentice Teaching in High School (Grades 7 to 12)	5 Semester hours
I.	H. S. Ed. 413. Special Methods of Teaching in High School	3 Semester hours
J.	Ed. 112. Introduction to Education	2 Semester hours
K.	Psy. 372. Adolescent Psychology	2 Semester hours
	Total Education and Psychology	28 hours
	Health Education 433	3 hours

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. (Fall, 1953)

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. (Each Fall)

1 semester hour.

Education 112. *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. (Each fall and spring)

2 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. (Spring)

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 112 and Methods. (Spring)

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 112. (Spring)

2 semester hours.

Elementary Education

Elementary Education 328. *Apprentice teaching in the elementary grades.* (Spring)

8 semester hours.

Elementary Education 332. *Kindergarten-Primary Curriculum and Techniques.* 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 112. (On demand)

2 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. Prerequisite: Education 112. (Fall)

3 semester hours.

Elementary Education 353. *Elementary School Curriculum and Techniques.* This course serves to acquaint the primary and elementary teacher with curriculum methods, literature, and approved techniques for teaching arithmetic, social sciences, and natural sciences, and with the recent research in these fields. Prerequisite: Education 112. (Spring)

3 semester hours.

Elementary Education 362. *Construction and Play Materials*. The construction and use of play materials are made more practical by actual experience in the construction and use of materials. The use of charts, counting devices, games, and dramatic materials is stressed. Prerequisite: Education 112. (On demand)

2 semester hours.

Elementary Education 373. *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 anthology of children's literature are used as texts supplemented by library reading. Story-telling is emphasized. Prerequisites: English 213 and 223. (On demand)

3 semester hours.

Secondary Education

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 112. (Fall)

2 semester hours.

High School Education 325. *Apprentice Teaching in High School*. (Spring)

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 112 and High School Education 322. (Spring)

3 or 6 semester hours.

High School Education 443. *Curriculum and Principles of Secondary Education*. This course will deal with the fundamental principles of curriculum development and construction, and the fundamental facts underlying the aims and principles of secondary education. Professional ideals of teaching are stressed throughout the course. Prerequisites: Education 112 and High School Education 322. (Fall)

3 semester hours.

NOTE: FOR PHYSICAL EDUCATION

Health Education 433. *School and Community Health*. A practical course in school and community health, dealing with the applications of the findings of science and medicine to the improvement of daily living. (On demand)

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. (Fall)

3 semester hours.

Psychology 352. *Child Psychology*. An analysis in 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. (Fall)

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. (Fall)

2 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 (see p. 35).

Requirements for a major in English

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

* Three hours in Speech may be used for elective credit.

Requirements for a minor in English

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

English Courses

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. (Fall, 1953)

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 includes exposition, argumentation, vocabulary, weekly themes, and the study of essays. One term paper is required. (Fall and spring, 1953-54)

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 special reports are required. Prerequisite: English 113. (Fall and spring, 1953-54)

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. (Fall, 1953)

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. Reports and themes are required. Prerequisites: English 113 and 123. (Spring, 1954)

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. (Fall, 1953)

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. (Spring, 1954)

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. (1954-1955)

3 semester hours.

English 343. *Advanced Composition*. This course includes daily practice in writing, extensive reading, and the analysis of selected library works. Prerequisites: English 113, 123, and Junior standing or approval of department. (1954-1955)

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. (Spring, 1954)

3 semester hours.

English 373. *English Literature of the Eighteenth Century*. This course will include selections by Defoe, Swift, Addison, Steele, Pope, Johnson, Thomson, Collins, Gray, Goldsmith, Burke, Paine, and others. The most important prose and poetry of the century will be examined. Prerequisites: English 213 and 223. (Spring, 1954)

3 semester hours.

English 383. *The Romantic Period in English Literature*. This course involves the study of much of the poetry and prose produced in England between 1798 and 1832. An attempt is made to arrive at a definition and understanding of Romanticism. Prerequisites: English 213 and 223. (Fall, 1953)

3 semester hours.

English 413. *The Nineteenth Century American Novel*. Beginning with James Fenimore Cooper, this study will trace the development of the American novel through the nineteenth century. Some attention will be given the mass of work appearing on the popular level throughout this period, but the major emphasis will be placed on the significant writers—Hawthorne, Melville, Howells, Twain, and James. Prerequisites: English 113 and 123 and Junior standing. (Fall, 1953)

3 semester hours.

English 423. *The Nineteenth Century British Novel*. A study is made of British novels and novelists from Jane Austen to Conrad. Emphasis is placed on the development of types. Prerequisites: English 213 and 223. (Spring, 1954)

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. (1954-1955)

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. (1954-1955)

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. (1954-1955)

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. (1954-1955)

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. (Spring, 1954)

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.

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.

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.

German

German 114. *Elementary German*. Fundamentals of grammar and pronunciation, conversation and composition, and easy reading. (Fall 1953)
4 semester hours.

German 124. *Elementary German*. A continuation of 114. Prerequisite: German 114. (Spring 1954)
4 semester hours.

German 213. *Intermediate German*. Grammar review, conversation and composition, and reading of suitable texts. Prerequisite German 124. (Fall 1953)
3 semester hours.

German 223. *Intermediate German*. A continuation of 213 (Spring 1954)
3 semester hours.

German 312. *Survey of German Literature*. Lectures, readings, and reports on authors and works of German literature. Prerequisite: German 223. (Fall 1953)
2 semester hours.

German 322. *Survey of German Literature*. A continuation of 312. (Spring 1954)
2 semester hours.

Spanish

Spanish 114. *Elementary Spanish*. Fundamentals of grammar and pronunciation, conversation and composition, and easy reading. (Fall 1953)
4 semester hours.

Spanish 124. *Elementary Spanish*. A continuation of Spanish 114. Prerequisite: Spanish 114 or two years of high school Spanish. (Spring 1954)
4 semester hours.

Spanish 213. *Intermediate Spanish*. Grammar review, conversation and composition, and reading of suitable texts. Prerequisite: Spanish 124. (Fall 1953)

3 semester hours.

Spanish 223. *Intermediate Spanish*. A continuation of Spanish 213. (Spring 1954)

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. Prerequisite: Spanish 223. (Fall 1954)

2 semester hours.

Spanish 322. *Survey of Spanish Literature*. A continuation of Spanish 312. (Spring 1955)

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 band and orchestra are 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.

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	6 semester hours
Electives	6 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	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

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

Theory

Music 113. *Fundamentals of Music*. The rudiments of music are studied. Notations, 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. (Fall, 1953)

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. (Spring, 1954)

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. (Fall, 1953)

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. (Fall, 1953)

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. (Spring, 1954)

2 semester hours.

Music 223. *Harmony*. A continuation of 213. Prerequisite: Music 213. (Spring, 1954)

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. (On demand, Fall, 1953)

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. (On demand, Spring 1954)

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 Oxford are used. (Fall and Spring, 1953-54)

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. (Fall and Spring, 1953-54)

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*. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

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. (Fall and Spring, 1953-54)

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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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. (Fall and Spring, 1953-54)

1 or 2 semester 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 days. Principal composers of classical, romantic, and modern periods, together with masterpieces of the different periods, will be presented and discussed. (Fall, 1953)

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. (Spring, 1954)

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. (On demand)

3 semester hours.

Music 433. *Advanced Conducting*. Baton technique for conducting; score reading and actual conducting of marches, overtures, symphonies, etc. Prerequisite: Music 363. (On demand)

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, or consent of professor. (Fall, 1953)

3 semester hours.

Music Education 323. *Music in the Intermediate Grades*. Problems and practices of teaching music in the intermediate grades. Parts singing, sight reading, and rhythmic development continued. Prerequisite: Music 113, or consent of professor. (On demand)

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, or consent of professors. (On demand)

3 semester hours.

DEPARTMENT OF PHYSICAL EDUCATION AND HEALTH

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.

Equivalent hours in health education can be substituted for activity courses in physical education provided the Dean and instructors approve the substitution.

Requirements for a major in Physical Education

Physical Education 111, 121.....	2 semester hours
Physical Education 231, 241.....	2 semester hours
Physical Education 222.....	2 semester hours
Physical Education 243.....	3 semester hours
Physical Education 213.....	3 semester hours
Physical Education 273.....	3 semester hours
Physical Education 413.....	3 semester hours
Physical Education 423.....	3 semester hours
Health Education 212.....	2 semester hours
Health Education 423 or 433.....	3 semester hours
Electives in Physical Education or Health Education.....	4 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 243.....	3 semester hours
Physical Education 273.....	3 semester hours
Physical Education 413.....	3 semester hours
Physical Education 423.....	3 semester hours
Health Education 212.....	2 semester hours
Health Education 433.....	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. (Spring, 1954)

2 semester hours.

433. *School and Community Health*. A practical course in school and community health, dealing with the applications of the findings of science and medicine to the improvement of daily living. (On demand)

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. (On demand)

3 semester hours.

Physical Education

The following courses are to be taken in the freshman and sophomore years to fulfill the Physical Education activity requirement for graduation. There is no prerequisite nor any particular order in which they need be taken. Separate classes for men and women meet twice weekly.

111. *Tennis*. Instruction and practice in fundamentals of tennis.

121. *Badminton and Handball*. Instruction and practice in fundamentals of badminton and handball.

231. *Archery and Volleyball*. Instruction and practice in fundamentals of archery and volleyball.

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

(Fall and Spring, 1953-54)

1 semester hour each.

Those students whose physical condition as certified by a physician would exclude them from active sports will take four semesters of modified physical education with activities set up in which they may participate, with separate classes for men and women meeting twice weekly. These courses are numbered as follows:

151. *Modified Physical Education*

161. *Modified Physical Education*.

251. *Modified Physical Education*.

261. *Modified Physical Education*.

(Fall and Spring, 1953-54)

1 semester hour each.

213. *Indoor Social Activities*. Games and contests for home, school, and community leisure time. (Fall, 1953)

3 semester hours.

222. *History of Physical Education*. A thorough foundation in the history of Physical Education, emphasizing leaders of the past and present. (Spring, 1954)

2 semester hours.

243. *Principles of Physical Education*. A study of the aims and objectives of physical education, the standards, ideals, principles and policies; the place of physical education in modern life. (Spring, 1954)

3 semester hours.

273. *Playground Administration*. A study of playground activities and their administration. (Fall, 1953)

3 semester hours.

313. *Athletic Coaching, Football*. Theory of coaching, a study of the offenses and defenses, scouting, and application of football fundamentals. (Fall, 1953)

3 semester hours.

333. *Athletic Coaching, Basketball*. A study of fundamentals, drill habits, team organization, offensive and defensive play, coaching philosophy. (Spring, 1954)

3 semester hours.

413. *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. Prerequisite: 243. (Fall, 1953)

3 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. Prerequisites: 243 and 413. (Spring, 1954)

3 semester hours.

433. *Applied Anatomy and Kinesiology*. Origins, insertions, and actions of muscles. Emphasis on postural problems. Prerequisites: Biology 124 and 234-244. (On demand)

3 semester hours.

DEPARTMENT OF RELIGION

Most of 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.

*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 Bible majors may be allowed to substitute other non-required Bible courses or Rel. Ed. 113 and 123 for Bible 273 and Bible 283.

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

Rel. Ed. 113.....	3 semester hours
Rel. Ed. 123.....	3 semester hours
Electives in Religious Education.....	12 semester hours

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. (Fall and Spring, 1953-54)

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. (Fall and Spring, 1953-54)

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; or approval of department. (Fall, 1953)

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; or approval of department. (Spring, 1954)

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. (Spring, 1954)

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. (Fall, 1953)

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. (Spring, 1954)

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. (Fall, 1954)

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. (Fall, 1953)

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. (Spring, 1954).

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. (Fall, 1953)

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. (Spring, 1955)

3 semester hours.

Bible 453. *Comparative Religions*. A comprehensive study of the great representative religions of the world in comparison with Christianity. (Spring, 1954)

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. (Spring, 1955)

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. *Beginner's Greek*. This course is designed for those who are taking the study of Greek for the first time and 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, four days a week. Sophomore standing or individual approval is necessary before enrollment in this course. (Fall, 1953)

4 semester hours.

Greek 284. *Beginner's 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, four days a week. Prerequisite: Greek 274 or its equivalent. (Spring, 1954)

4 semester hours.

Greek 373. *Advanced Greek Grammar*. For second year students of the Greek New Testament. There will be 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. (Fall, 1953)

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. (Spring, 1954)

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. (Fall, 1953)

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. (Spring, 1954)

3 semester hours.

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. (Fall, 1953)

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. (Fall, 1953)

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. (Fall, 1954)

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. (Spring, 1955)

3 semester hours.

Rel. Ed. 363. *Audio-Visual Aids*. A survey of the field of projected and non-projected aids, with discussions and demonstrations of their most valuable uses especially in connection with the field of religion. (Spring, 1954).

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, or agriculture.

Requirement for a minor in Biology

Biology 114a and b, or Biology 124a and b..... 8 semester hours
Electives in Biology.....10 semester hours

Biology 114a-114b. *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. (Fall and Spring, 1953-54)

8 semester hours.

Biology 124a-124b. *General Zoology*. Basic principles of living matter are emphasized through study of the animal kingdom. Dissections are made of representative specimens. (Fall and Spring, 1953-54)

8 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 114a and b or 124a and b.) (Every year)

4 semester hours.

Biology 214. *Introduction to Embryology*. An elementary course based on the embryology of the chick, but with some work on a few other animal stages. Three lectures and 1 laboratory weekly. Prerequisite: Biology 124 a-124b. (Fall, 1954)

4 semester hours.

Biology 314. *Entomology*. Study of life histories, taxonomic work, methods of study, collecting and preserving insects. Students are required to prepare a repre-

sentative collection. Two lectures and two laboratories. Offered 1952-53 and in alternate years. Prerequisite: Biology 124a-124b. (Fall, 1954)

4 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. (Spring, 1955)

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. (Spring, 1955)

4 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 a degree.

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.

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. (Every year)

4 semester hours.

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

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. (Every year)

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. (Every year)

3 semester hours.

Mathematics 233. *Differential Calculus*. This study covers the method of differentiation. Parallel or Prerequisite: Mathematics 213. (Every year)

3 semester hours.

Mathematics 243. *Integral Calculus*. This study covers methods of integration, definite integrals, multiple integrals, and the applications. Prerequisite: Mathematics 233. (Every year)

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. (Fall, 1953)

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. (Fall, 1953)

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. (Fall, 1954)

3 semester hours.

Mathematics 423. *Advanced Calculus*. This is a continuation of Mathematics 413 and includes vector notation, Bessel function, partial differential equations, and the calculus of variation. Prerequisite: Mathematics 413. (Spring 1955)

3 semester hours.

Mathematics 443. *Projective Geometry*. This is an analytic study of the projective properties of figures. Prerequisite: Mathematics 243. (Spring, 1955)

3 semester hours.

Physics

Physics 134. *Introduction to the Physical Sciences*. A survey of the fundamentals of physics, geology, chemistry, and astronomy and their applications to everyday life. (Every year)

4 semester hours.

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. (Every year)

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. (Every year)

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 act intelligently, must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

Requirements for a major in History

History 113, 123.....	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, Economics 213, 223.....	Any 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
Soc. 213, 223; Govt. 213 223; Econ. 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.

History

History 113. *European Civilization*. The course includes the period from the earliest civilizations until 1660. (Offered each Fall semester)

3 semester hours.

History 123. *European Civilization*. Includes the period from the age of Louis XIV to the present. (Offered each Spring semester)

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 through the civil war. (Offered each Fall semester)

3 semester hours.

History 223. *American History*. A continuation of History 213 to the present time. (Offered each Spring semester)

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. Prerequisite: History 113 and 123, or consent of instructor. (Offered each Fall semester)

3 semester hours.

History 323. *History of England from 1688 to the Present*. A continuation of History 313. Prerequisites: History 113 and 123, or consent of instructor. (Offered each Spring semester)

3 semester hours.

History 333. *The Renaissance and Reformation*. A study of European intellectual, economic, and religious developments marking the beginning of the modern era; humanism and the rediscovery of classical civilization; the rise of literature and art; Martin Luther and the revolt from Rome; Zwingli; Calvin, Knox, and others; Papacy and Empire; the Counter-Reformation. Prerequisite: History 113 or consent of instructor. (Fall, 1953, and alternate years)

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. (Spring, 1954, and alternate years)

3 semester hours.

History 353. *History of Colonial Latin America*. A study of the conquest of Central and South America and the development of Spanish and Portuguese colonial systems; institutional development, regional differentiation, and the wars for independence. Prerequisites: 6 hours of history. (Fall, 1954, and alternate years)

3 semester hours.

History 363. *History of Republican Latin America*. The history of Latin American republics from the era of independence to the present; effects of economic colonialism; socialistic doctrine; the new self conscious nationalism; dictatorship; and the persistence of republicanism. Prerequisite: 6 hours of history. (Spring, 1955, and alternate years)

3 semester hours.

History 423. *Civil War and Reconstruction*. A study of the basic issues underlying the Civil War, including sectionalism, slavery, economic divergence, and political disintegration. The war itself militarily, politically, economically, and socially. The results of the conflict, and efforts at reconstruction. Prerequisite: History 213 and 223, or consent of instructor. (Spring, 1955, and alternate years)

3 semester hours.

History 433. *Europe from 1870 to 1914*. A study of Europe and its industrial development; the imperial politics of the great powers and their clashes in economic nationalism between the years 1870 and 1914. Prerequisite: History 113 and 123, or consent of instructor. (Fall, 1953, and alternate years)

3 semester hours.

History 443. *Europe Since 1914*. This course treats World War I and its aftermath in Europe; the peace treaties; interdependence of political and economic factors in the twenty years following, which contributed to the renewal of war; developments of World War II; the United Nations and contemporary efforts to establish peace. Prerequisite: History 113 and 123, or consent of instructor. (Spring, 1954, and alternate years)

3 semester hours.

History 473. *History of American Diplomacy*. A survey of the foreign affairs of the United States from the Revolution to the present; a study of those international experiences of the United States which have influenced the American people in determining their relations with other nations. Prerequisite: History 213 and 223, or consent of instructor. (Fall 1954, and alternate years)

3 semester hours.

History 483. *The West in American History*. A study of the westward movement; the advancing frontier; and western political, economic, and social development from the colonial period to the twentieth century. Prerequisite: History 213 and 223, or consent of instructor. (Spring, 1954, and alternate years)

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. (Offered each Fall semester)

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. Prerequisite: Sophomore standing. (Offered each Spring semester)

3 semester hours.

Government 333. *Political Thought*. Evolution of European and American political doctrines, with emphasis upon the forces producing them. A study of the theories and historical emergence of such concepts as absolutism, democracy, socialism, communism, and fascism. Prerequisite: 6 hours of history or government. Credit may be applied toward majors and minors in either History or Social Science. (Fall, 1953, and alternate years)

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 means of social integration including the various institutions such as the family, the school, the church, business, and the state. (Offered each Fall semester)

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. (Offered each Spring semester)

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. (Fall, 1953, and alternate years)

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. (Spring, 1954, and alternate years)

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. (Fall, 1954, and alternate years)

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. (Spring, 1955, and alternate years)

3 semester hours.

Graduates

SPRING, 1952

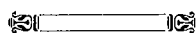
Maurice E. Hamlin

Jack Nash

Martha Main Davis

Clarice Maben

Maurice F. Wicker



Students in Residence, 1952-53

Adams, Mack E.....	Harlingen, Texas	Davis, Robert Bruce.....	Globe, Arizona
Allen, Beatrice C.....	Phoenix, Arizona	Day, Willard Houston.....	Phoenix, Arizona
Allen, Earl M.....	Phoenix, Arizona	DeFranco, Joseph.....	Glendale, Arizona
Anthony, Bruce.....	Phoenix, Arizona	DeFranco, Mary Carol.....	Glendale, Arizona
Ash, Ralph Warren.....	Phoenix, Arizona	DeWitt, Robert Warren.....	Wickenburg, Ariz.
Ayres, Norman J.....	Phoenix, Arizona	Dickenson, Ben Andrew.....	Olton, Texas
Bailey, Valerie Ruth.....	Phoenix, Arizona	Dickey, Devona Elizabeth.....	Houston, Texas
Baker, Charles LaVoid.....	Chandler, Arizona	Dickey, John Elgin.....	Houston, Texas
Baker, Jesse H.....	Chandler, Arizona	Dickie Helen L.....	Wickenburg, Arizona
Baker, LaVern Eugene.....	Chandler, Arizona	Dickie, James T.....	Wickenburg, Arizona
Barber, James Leo.....	Bakersfield, Calif.	Dodd, John E.....	Phoenix, Arizona
Barnes, Grace Sherbonne.....	San Jose, Calif.	Domingo, Jose.....	Farmington, N. M.
Barnes, Paul Gordon.....	San Jose, Calif.	Dunagan, Leon E.....	Phoenix, Arizona
Baroody, Wilson George.....	Altoona, Penn.	Ellis, Jesse L.....	Scottsdale, Arizona
Barton, Leland William.....	Sunnyslope, Ariz.	Evans, Leland Ray.....	Tolleson, Arizona
Bates, Rodney Terrill.....	Sheridan, Wyo.	Evenson, Edward Darrell.....	Phoenix, Ariz.
Beasley, Robert Duerell.....	Memphis, Tenn.	Evenson, Ronald Kenneth.....	Phoenix, Ariz.
Blankenship, Rosemary.....	Coffeen, Illinois	Flint, Everett D.....	Wolcott, New York
Blevins, Ollie Clifton.....	Grants, New Mexico	Forrest, Daniel B.....	Phoenix, Arizona
Bonin, George.....	Phoenix, Arizona	Freeman, Lee Roy.....	Phoenix, Arizona
Bradford, Morris Lee.....	Susanville, Calif.	Gardner, Melba.....	Phoenix, Arizona
Branch, Eugene C.....	Lakeside, Arizona	Gardner, Ralph L.....	Phoenix, Arizona
Breedlove, James Edwin.....	Phoenix, Arizona	Garrett, Donald Dewey.....	San Diego, Calif.
Brittain, Ethel Mae.....	Phoenix, Arizona	Garrison, Emory LeDean.....	Campbel, Calif.
Brittain, Orval S.....	Phoenix, Arizona	Gentry, Geneva Lloydene.....	Ajo, Arizona
Brown, Curtis Wayne.....	Phoenix, Arizona	Gish, James Ernest.....	Salt Lake City, Utah
Brumback, Everett W.....	Phoenix, Arizona	Gish, JoAnne Elizabeth.....	Salt Lake City, Utah
Brumback, Julia Raye.....	Phoenix, Arizona	Gittner, Fred C.....	Phoenix, Arizona
Burghout, Alice Joyce.....	Phoenix, Arizona	Golay, Loy F.....	Phoenix, Arizona
Butler, Lanna Lou.....	Glendale, Arizona	Goodner, Norma Jean.....	Phoenix, Arizona
Butler, Lee N., Jr.....	Houston, Texas	Gorraiz, Pete.....	Phoenix, Arizona
Cantrell, Herman V.....	Houston, Texas	Gose, Clifford G.....	Phoenix, Arizona
Cantrell, Rose Ella.....	Houston, Texas	Gose, Louvie Dene.....	Phoenix, Arizona
Carlton, Cora Geneva.....	Burgaw, N. Carolina	Graham, Jerry.....	Phoenix, Arizona
Castro, Carl Benjamin.....	Phoenix, Arizona	Grant, Marjorie Catherine.....	Phoenix, Ariz.
Christian, Homer C.....	Phoenix, Arizona	Grant, Jack E.....	Phoenix, Arizona
Conner, Charles.....	Ventura, California	Green, Harold Leroy.....	Dos Palos, Calif.
Cook, Lawrence S.....	Stewartsville, Mo.	Green, Loreta Jeanette.....	Tolleson, Arizona
Cowan, Felix Wilbur.....	Phoenix, Arizona	Green, Marjorie Ann.....	Dos Palos, Calif.
Crowe, Gloria Gay.....	Farmington, N. M.	Greer, Albert Ludwig.....	Winslow, Arizona
Cunningham, Alma Jean.....	Tucson, Arizona	Greer, J. B.....	Phoenix, Arizona
Curtis, Greta Mae.....	Phoenix, Arizona	Greer, Theo B.....	Phoenix, Arizona
Dake, Austin Lee.....	Phoenix, Arizona	Haddock, Leta Marilyn.....	Roosevelt, Utah
David, Alexander.....	San Carlos, Arizona	Hall, Herman E.....	Phoenix, Arizona
Davidson, Claire Dennis.....	Phoenix, Arizona	Hall, Janet Bowser.....	Phoenix, Arizona
Davis, John Howard.....	Scottsdale, Arizona	Hall, John Lee.....	Phoenix, Arizona
Davis, Rex.....	Longview, Washington	Hawkins, Barbara J.....	Phoenix, Arizona

Hawkins, Stanley Fred.....	Phoenix, Arizona	Phille, Myrtis Sarah.....	Kilbourne, La.
Hays, Robert E.....	McNary, Arizona	Pierce, Billie Jean.....	Salem, Oregon
Heard, Calla Jo.....	Phoenix, Arizona	Pinson, J. L.....	Phoenix, Arizona
Heard, Billy G.....	Phoenix, Arizona	Plain, Hazel Marie.....	Tolleson, Arizona
Helm, Donald David.....	Phoenix, Arizona	Pope, John Laurence.....	Phoenix, Arizona
Hill, Robert Nels.....	Phoenix, Arizona	Potts, Charles T.....	Bluff City, Tennessee
Holguin, Ted.....	McNary, Arizona	Puffer, Helen G.....	Phoenix, Arizona
Holmes, Thomas Woodson.....	Marana, Ariz.	Puffer, Max D.....	Phoenix, Arizona
Hook, Weston Lee.....	Chandler, Arizona	Quay, Robert William.....	Phoenix, Arizona
Humphrey, George W.....	Clifton, Arizona	Rabon, Owens A.....	Luke AFB, Arizona
Irmen, Herbert Robert.....	Hemet, California	Reed, Vera R.....	Oklahoma City, Okla.
Ivie, Ledema Joan.....	Klamath Falls, Ore.	Reed, Irvin Monroe.....	Phoenix, Arizona
Jacoway, Philip J.....	Sunnyslope, Arizona	Reed, Lucile.....	McIntosh, Alabama
Jenkins, Clarence.....	Phoenix, Arizona	Reese, Frances P.....	Glendale, Arizona
Jenkins, Robert L.....	Phoenix, Arizona	Reese, Richard W.....	Glendale, Arizona
Jones, Joe Vance.....	Phoenix, Arizona	Reid, Helen.....	Phoenix, Arizona
Jones, Normah.....	Phoenix, Arizona	Reid, Ralph.....	Phoenix, Arizona
Jones, Stayton R.....	Houston, Texas	Rester, Sylvia.....	Picayune, Mississippi
Kmetko, Steve.....	Mesa, Arizona	Rising, Melvin Cloyce.....	Bentonville, Ark.
Krieg, William Finus.....	Phoenix, Arizona	Roberts, Denia Bell.....	Phoenix, Arizona
Lair, Harry E.....	Celina, Texas	Robertson, Glenda Elaine.....	Tucson, Arizona
Lawson, Ella Jo.....	Tucson, Arizona	Robinett, Clarence Lee.....	McNary, Arizona
Lawson, Glenn Dale.....	Tucson, Arizona	Rollins, A. Louise.....	Phoenix, Arizona
Littlepage, Helen L.....	Phoenix, Arizona	Rollins, Kenneth Roy.....	Phoenix, Arizona
Lockhart, Charles Tillman.....	Phoenix, Ariz.	Ross, Joe Garcia.....	McNary, Arizona
Lonas, Lorena May.....	Wickliffe, Kentucky	Russell, Walter Bryant.....	Dos Palos, Calif.
Lonas, Thomas Justus.....	Wickliffe, Kentucky	Sahhar, George Hanna.....	Bethlehem, Palestine
Lowry, William Ronald.....	Phoenix, Ariz.	Sanders, Ouida J.....	Central City, Kentucky
Lutrick, Dorothy Marie.....	Phoenix, Ariz.	Sanner, Helen B.....	Phoenix, Arizona
Lutrick, Robert Sidney.....	Phoenix, Ariz.	Sanner, Raphael D.....	Phoenix, Arizona
McCall, Druie Anselm.....	Chicago, Illinois	Sartorius, H. Keith.....	Phoenix, Arizona
McCord, Dan W.....	Phoenix, Arizona	Scott, Bertha Louise.....	Phoenix, Arizona
McGough, Byron Monroe.....	Winslow, Ariz.	Scott, Don Francis.....	Phoenix, Arizona
McJunkin, Marjorie.....	Phoenix, Arizona	Seamster, Alvin Martin.....	Bentonville, Ark.
McLemore, Gary.....	Gallup, New Mexico	Sexton, Jack D.....	Phoenix, Arizona
Marshall, Henry Clifton.....	Phoenix, Arizona	Spoonmore, Chalma Rene.....	Phoenix, Ariz.
Martin, Angle M.....	Phoenix, Arizona	Stark, Bonita Sue.....	Phoenix, Arizona
Martin, Ira William.....	Phoenix, Arizona	Stinson, Hershel Randolph.....	Beaumont, Tex.
Martin, Betty.....	Phoenix, Arizona	Sutton, Billy Frank.....	Phoenix, Arizona
Martin, Samuel Jack.....	Ft. Worth, Texas	Ten Harkel, Esther E.....	Phoenix, Arizona
Maxon, Daniel Smith.....	Phoenix, Arizona	Terry, Lex Eldred.....	Glendale, Arizona
Menefee, Jerry William.....	Phoenix, Ariz.	Thompson, Velma D.....	Brownwood, Tex.
Mercer, Olivia Creasy.....	Kilbourne, La.	Thomson, Rhea Janice.....	Phoenix, Arizona
Moore, John L.....	Phoenix, Arizona	Thomson, Richard James.....	Phoenix, Arizona
Moore, Lou Ellen.....	Salem, Oregon	Truitt, Darrell Kenneth.....	Toledo, Ohio
Moore, Marvin.....	Toccoa, Georgia	Van't Kerkhoff, Mary Ann.....	Phoenix, Ariz.
Morgan, James Cecil.....	Pleasant Grove, Utah	Venable, Dick Ray.....	Glendale, Arizona
Morgan, John Dale.....	Phoenix, Arizona	Warren, Dorris LaVerne.....	Yakima, Wash.
Morgan, Mary Therea.....	Phoenix, Arizona	Warren, Ross Glen.....	Yakima, Wash.
Myers, Donald David.....	Phoenix, Arizona	Watson, Richard Allen.....	Phoenix, Arizona
Myers, Neal Joe.....	Phoenix, Arizona	White, L. D.....	Phoenix, Arizona
Myrick, Gloria Pauline.....	Shreveport, La.	White, Mrs. Olin.....	Glendale, Arizona
Neil, Jesse Martin.....	Phoenix, Arizona	Wicker, Martha Ann.....	Mobile, Alabama
Neil, Lois Lee.....	Phoenix, Arizona	Wickes, Dorothy Elizabeth.....	Phoenix, Ariz.
Overholser, Chas. Raymond.....	Renton, Wash.	Wickes, Homer Wilbert.....	Phoenix, Ariz.
Overholser, Gladys Ellen.....	Renton, Wash.	Wilcox, James Carson.....	Phoenix, Arizona
Owen, Cecil Lawrence.....	Phoenix, Arizona	Wilcox, Oreda Juatheenia.....	Phoenix, Ariz.
Pate, Billie Homer.....	Dos Palos, Calif.	Wilson, Ava N.....	Sunnyslope, Arizona
Pate, Dorothy Faye.....	Dos Palos, Calif.	Wilson, Charlie R.....	Sunnyslope, Arizona
Patterson, Norma Dell.....	Prescott, Arizona	Winn, Ferris D.....	Phoenix, Arizona
Peevyhouse, Eleanor.....	Gilbert, Arizona	Winn, Paula K.....	Phoenix, Arizona
Pennington, Nancy Ethel.....	Winslow, Ariz.	Wootan, Wilford Lewis.....	Mesa, Arizona
Phares, Inabelle Lilly.....	Tolleson, Arizona	Wyatt, Charlie R.....	Phoenix, Arizona

SUMMARY OF ENROLLMENT STATISTICS, 1952-53

Classification	MEN	WOMEN	TOTAL
Seniors	17	6	23
Juniors	26	9	35
Sophomores	27	9	36
Freshmen	44	30	74
Other Classifications	28	24	52
Grand Totals June, 1952 to June, 1953.....	142	78	220

DENOMINATIONS REPRESENTED BY STUDENTS ENROLLED:

June, 1952 to June, 1953

Assembly of God	Dutch Reformed
Baptist	Full Gospel
Catholic	Independent
Christian	Methodist
Christian Catholic	Missionary
Conservative Baptist	Non-Denominational

STATES REPRESENTED BY STUDENTS ENROLLED:

June, 1952 to June, 1953

Alabama	New York
Arizona	North Carolina
Arkansas	Ohio
California	Oklahoma
Georgia	Oregon
Illinois	Pennsylvania
Kentucky	Tennessee
Louisiana	Texas
Mississippi	Utah
Missouri	Washington
New Mexico	Wyoming

FOREIGN COUNTRIES REPRESENTED BY STUDENTS ENROLLED:

June, 1952 to June, 1953

Palestine

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