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Harding College

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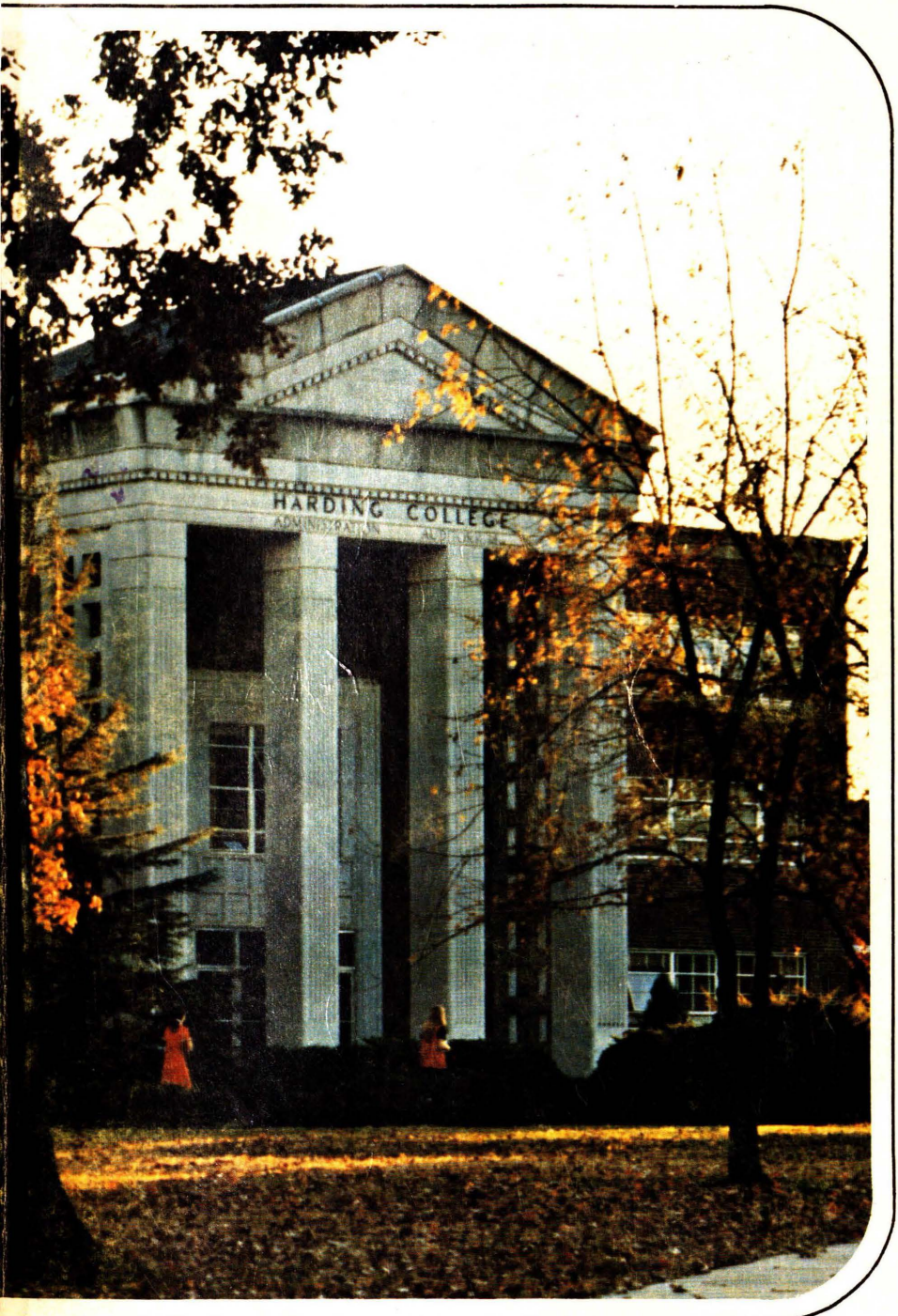
HARDING UNIVERSITY

Mary Gro[illegible] NS 102

Harding College



COLLEGE CALENDAR 1974-75

FALL SEMESTER — 1974

Faculty Conference	Aug. 23
Freshman Assembly	8:00 a.m., Aug. 26
Assembly for sophomores, juniors, and seniors	9:00 a.m., Aug. 26
Orientation and counseling	Aug. 26-28
Registration	8:00 a.m.-4:00 p.m., Aug. 29
Classes begin	8:00 a.m., Aug. 30
Transfer tests (all transfer students)	8:00 a.m., Aug. 31
Founder's Day	Sept. 7
Lectureship	Oct. 2-5
Alumni Day and Homecoming	Oct. 18-19
Graduate Record Examinations	8:00 a.m., Oct. 26
Supervised teaching	Oct. 28-Dec. 20
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Junior English Proficiency Test	4:30 p.m., Nov. 4
National Teachers Examinations	8:00 a.m., Nov. 9
Thanksgiving recess	5:15 p.m., Nov. 27 to 8:00 a.m., Dec. 2
Sophomore tests	8:00 a.m., Dec. 7
Graduate Record Examinations	8:00 a.m., Dec. 14
Dead week	Dec. 11-14
Final examinations	Dec. 16-21
Christmas recess	5:15 p.m., Dec. 21, to 8:00 a.m., Jan. 6, 1975

SPRING SEMESTER — 1975

Orientation of new students	Jan. 6
Counseling of new students	Jan. 7
Registration	8:00 a.m.-4:00 p.m., Jan. 8
Classes begin	8:00 a.m., Jan. 9
Transfer tests (all transfer students)	8:00 a.m., Jan. 11
Final date for application for degree on May 11	Feb. 1
Graduate Record Examinations (Aptitude only)	8:00 a.m., Feb. 22
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Spring Recess	5:15 p.m., March 7 to 8:00 a.m., March 17
Supervised teaching	March 10-May 9
Sophomore tests	8:00 a.m., March 22
National Teachers Examination	8:00 a.m., April 5
Junior English Proficiency Test	4:30 p.m., April 7
Graduate Record Examinations	8:00 a.m., April 26
Dead week	April 30-May 3
Final examinations	May 5-10
Graduation exercises	2:30 p.m., May 11

SUMMER TERM — 1975

Counseling students	9:00-11:00 a.m., June 9
Registration for summer term	1:00 p.m.-4:00 p.m., June 9
Classes begin, first session	7:30 a.m., June 10
Junior English Proficiency Test	3:30 p.m., June 16
Graduate Record Examinations	8:00 a.m., June 21
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Final examinations, first session	July 10-11
Classes begin, second session	July 14
Final date for application for degree on Aug. 15	July 15
National Teachers Examinations	8:00 a.m., July 19
Junior English Proficiency Test	3:30 p.m., July 21
Final examinations, second session	Aug. 14-15
Graduation exercises	10:30 a.m., Aug. 15

A Descriptive Catalog of Harding College with Undergraduate and Graduate Course Listings

1974-75

Harding College
Searcy, Arkansas 72143
Telephone: 501/268-6161

An Invitation

We would be delighted to have you visit our campus, see our facilities, meet our faculty and student body, and learn as much as possible about Harding College. Campus tours may be arranged through the Admissions Office, located on the first floor of the Ganus Building adjacent to the Administration Building and open 8-12 and 1-5 Monday through Friday and 8:30-12 on Saturday. If you wish to see a specific member of the administration or faculty, an appointment should be made in advance. The map in the back of this catalog should be helpful to you.

Clifton L. Ganus, Jr.
President

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Part I
General Information

Purpose. . . History. . . Location. . . Accreditation. . . Campus Buildings. . . Special Teaching Aids. . . Special Programs

Harding College

Harding University

is a Christian institution of arts and sciences. Its purpose is to give students an education of high quality which will lead to an understanding and a philosophy of life consistent with Christian ideals. It aims to develop a solid foundation of intellectual, physical, and spiritual values upon which students may build useful and happy lives.

Harding exists for the sake of the student — to help him understand the environment in which he lives and to help him live harmoniously with it; to encourage his enjoyment of life and his individual contribution to the meaningfulness of it; to develop his mental ability to the fullest capacity, inspiring in him creativity and truth-seeking.

An amalgam of factors make up a college education and lead to the achievement of Harding's purposes. Chiefly, these factors are the assistance of interested instructors and counselors, the academic courses organized to meet the student's needs, and the activities that give opportunity for inspiration, recreation, cooperation with others, and leadership training.

Students will find association with the faculty a stimulating and challenging intellectual experience. Faculty members at Harding are concerned with all the needs and requirements of students and desire to help in the solution of any problem, whether academic or personal.

The curriculum is designed to give students adequate preparation for a chosen vocation or profession and to provide for all students intellectual, social, and spiritual development. The entire curriculum, as well as individual courses, is revised periodically to meet the changing requirements of students.

Student activities give many opportunities for self-development. Sports, dramatics, debate, music, publications, and other activities afford growth in leadership and the exercise of particular skills and abilities. Lectures, concerts, and special seminars stimulate intellectual and cultural growth. Social clubs encourage democratic, Christian cooperation as well as leadership development. A wise choice of activities makes possible a measure of growth that the student can attain in no other way.

The college is under the control of a self-perpetuating Board of Trustees who are members of the church of Christ. Harding attempts to be non-sectarian in spirit and practice, and it desires to admit students who are academically capable, who have good character, and who accept the aims and objectives of the college, irrespective of their religious faith, national origin, race, sex, or color.

Harding began as a senior college in 1924, when two junior colleges, Arkansas Christian College and Harper College, merged their faculties and assets, adopted the new name of Harding College, and located on the campus of Arkansas Christian in Morrilton, Arkansas. Harper had been founded in 1915 in Harper, Kansas, and Arkansas Christian had been chartered in 1919.

The college was named in memory of James A. Harding, co-founder and first president of Nashville Bible School (now David Lipscomb College) in Nashville, Tennessee. Preacher, teacher, and Christian educator, James A. Harding gave to his co-workers and associates an enthusiasm for Christian education that remains a significant tradition at Harding College.

With the merger J. N. Armstrong, who had served five years as Harper's president, became president of Harding College, and A. S. Croom, president of Arkansas Christian for two years, became vice president for business affairs. In 1934 Harding was moved to its present site in Searcy, Arkansas, on the campus of a former women's institution, Galloway College.

One of Harding's first graduates, George S. Benson, returned from his mission work in China in 1936 to assume the presidency of his Alma Mater. The vigorous educator quickly directed the college out of deep indebtedness and launched it on a long journey to financial stability, national recognition, and academic accreditation. When Dr. Benson retired in 1965, his 29 years of tireless service were more than evident in a multi-million-dollar campus, regional accreditation, a strong faculty, and a continually growing student body. Dr. Benson still makes his home in Searcy and is active in many pursuits.

Harding's current president is Dr. Clifton L. Ganus, Jr., inaugurated in 1965. A former history department chairman and vice president of the college, Dr. Ganus has kept alive his predecessor's drive for excellence by leading a Decade of Development plan of campus improvement and expansion, looking to a projected enrollment of more than 2,200.

Harding's home community, Searcy, Arkansas is a city of about 12,000 persons and the seat of White County. Founded in 1837, Searcy enjoyed a gradual growth as center of a chiefly agricultural area until the last 25 years, when the location of several industries in the city brought a favorable balance of economy and a more rapid growth than before. Today's Searcians are a progressive citizenry proud of their community and dedicated to its advancement.

Located in East Central Arkansas, about 50 miles northeast of Little Rock and 105 miles west of Memphis, Tennessee, Searcy is reached by U.S. Highway 67 from the north and south and by U.S. Highway 64 from the east and west. The nearest commercial passenger plane service at is at Little Rock, but Searcy is served by a bus line and has a small airport.

The proximity of Little Rock and Memphis give Searcians access to the advantages of a metropolitan area without sacrificing the special

charms of small-town living. Both faculty and students enjoy the cultural and entertainment offerings of the two cities. Searcy itself has recreational facilities of all types, and Greer's Ferry Lake to the north of the city is famous across the country for its fishing and other water sports.

Harding occupies more than 100 acres east of the downtown area of Searcy, but the impact of the college on the town is more far-reaching than that caused by geography alone. Interaction and interdependence between the college and the community is great, with many Searcians serving Harding in a variety of ways and with the college contributing significantly to the economic, cultural, and spiritual well-being of the city.

Accreditation

is the measure of a college's adherence to the professional standards of the nation's academic community. It means that Harding students can be certain that credits earned at Harding will have transfer value to other institutions, just as incoming transfer students may be assured that the college can be expected to honor most of the credits earned at similarly accredited institutions.

Harding is fully accredited by the North Central Association of Colleges and Secondary Schools for all work leading to the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Medical Technology, and Master of Arts in Teaching degrees. Its undergraduate teacher education program for preparing both elementary and secondary teachers is accredited by the National Council for Accreditation of Teacher Education.

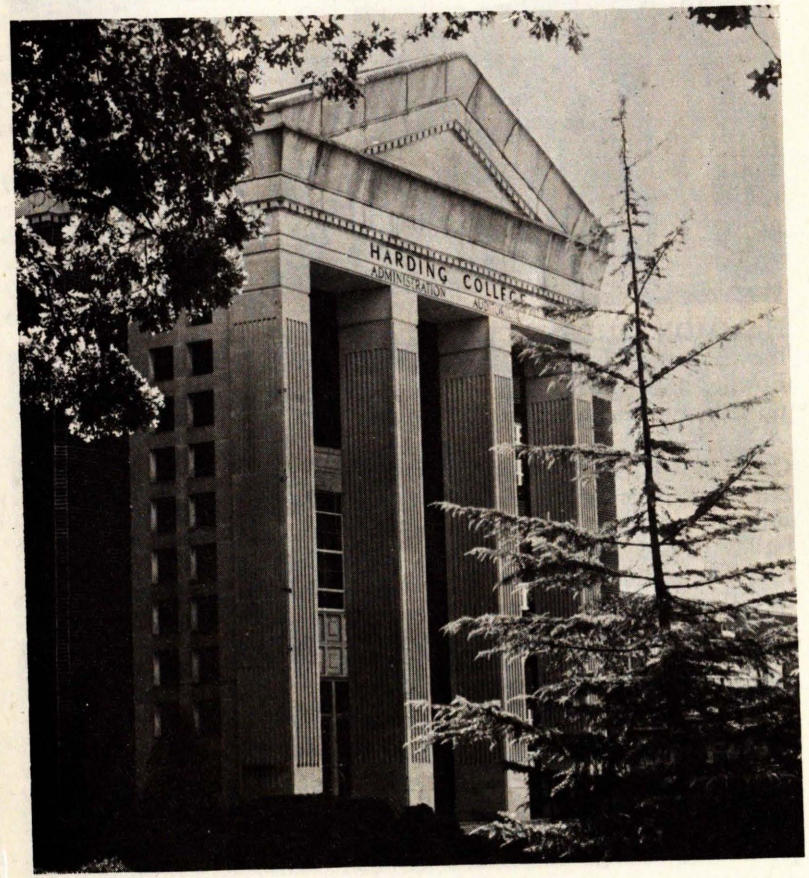
The college is also a member of the American Council on Education, the American Association for Teacher Education, the College Entrance Examination Board, and the National Commission on Accrediting (not an accrediting agency). It is also approved for the training of vocational home economics teachers. Harding's graduates are admitted to the leading graduate and professional schools. The college also has strong pre-professional programs in various fields of the medical sciences, various fields of engineering, law, social service, and other professional fields. Alumnae are admitted to membership in the American Association of University Women.

Campus buildings

are compactly and attractively located on about 100 acres within a few blocks of downtown Searcy. Additional campus property, consisting of college farms, lies southeast of the campus. The 31 buildings with their equipment and educational facilities, valued at more than $17 million, make the college plant one of the most efficient and well furnished in the South.

The following are the major structures:

ADMINISTRATION-AUDITORIUM BUILDING (1952): This three-story building with its imposing columns and pediment occupies the central location on campus and serves as the hub of much activity. It contains most administrative offices, an auditorium seating 1,250, several faculty offices, two classrooms, and certain facilities of the speech department, including the Little Theatre and drama storerooms and workshops. Like all academic and administrative buildings, it is air-conditioned. Daily chapel services are held in the auditorium.



JOHN MABEE AMERICAN HERITAGE CENTER (1965): Designed as a continuing education complex with auditorium, seminar rooms, cafeteria, and hotel-style rooms to accomodate 150 people, this modern structure provides ideal facilities for various seminars, workshops, and conventions held on campus. Also housed in the building is the Alumni Office. The building serves student needs; the cafeteria is one of two on the campus, seminar rooms double as classrooms, and a large trophy room is used periodically as a study area. The 150-capacity hotel area, designed for use of alumni and other guests, is currently being used as a women's residence hall.

HAMMON STUDENT CENTER (1973): The real center of student life is the two-story building which houses the Inn, Book Store, Bowling Lanes, Post Office, recreation room, lounge, and student publications and government offices.

GANUS BUILDING (1951, 1973): Constructed originally as a Student Center for 650 students, this building was remodeled in the summer of 1973 and developed into an office and classroom building. The Admissions Office, Speech Department and Modern Foreign Language Department are housed in this building. Its facilities include four classrooms, a language laboratory, a speech laboratory, the Speech Clinic, and studios for campus radio station KHCA. It was named for C. L. Ganus, Sr., for many years chairman of the Board of Trustees, who died in 1955.

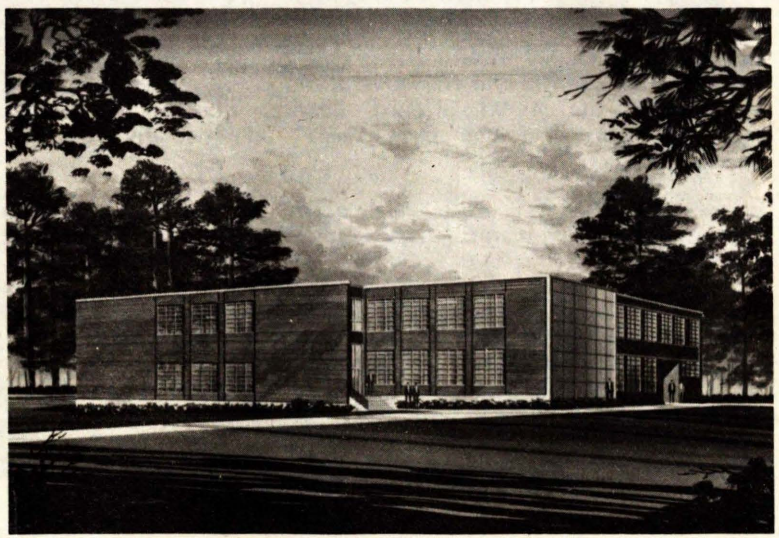
BEAUMONT MEMORIAL LIBRARY (1950, 1971): Constructed to accommodate 170,000 volumes, the library features open stacks and unassigned carrels, permitting students maximum ease in acquiring and using library materials. Two large reading rooms, the periodical reading room, and reading spaces in the stacks will seat about 600. A second addition to the library during the 1970-71 school year increased the stack and study space and makes possible increased service by the library staff.

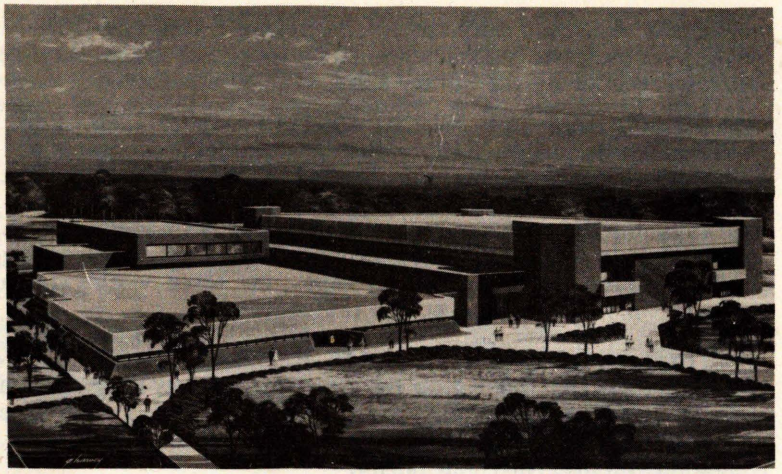
CLAUD ROGERS LEE MUSIC CENTER (1952, 1966, 1969): Facilities for the college's choral and instrumental programs and individual practice rooms are located in this building. The Recording Studio, reputed to be one of the finest in Arkansas, is used in taping the weekly radio program by the A Cappella Chorus as well as in recording for other groups. The Harding Recording Service duplicates and distributes tapes for three weekly radio programs in Arkansas and across the country.

W. R. COE AMERICAN STUDIES BUILDING (1953): This three-story classroom building houses the American Studies Program, the teacher education program, the Placement Office, and the departments of business and economics, history and social science, education, English, and journalism.

NEW SCIENCE BUILDING (1967): Modern in architecture and in the equipment it houses, this sprawling single-story building includes extensive facilities for biology, chemistry, physics, and mathematics. One wing of the building is the R. T. Clark Research Center, which houses performance physiology laboratories for the research program in the life sciences.

BIBLE BUILDING (1960, 1974): This two-story building whose capacity was doubled by a major addition in 1974, contains Bible department offices, two large lecture rooms, a communications laboratory, and nine other classrooms. It also houses the Christian Communications Program. In its basement are several administrative offices.





RHODES MEMORIAL FIELD HOUSE (1949): The gymnasium has three basketball courts, a skating rink, equipment rooms, showers, classrooms, and other facilities for sports and physical education. The seating capacity for intercollegiate basketball is 2,500.

OLD SCIENCE HALL (1926): Through the years this three-story structure has been one of the most useful on campus. It originally was the adminstrative center, then was used until 1967 as headquarters for the natural science division. Today it houses the home economics department and is scheduled for renovation inside to make it more useful in its new capacity. It is one of the two buildings still standing which were part of the campus when Harding moved to Searcy in 1934. During the 1974-75 school year it will be completely renovated to provide modern facilities for home economics and nursing.

CLINIC BUILDING (1940): The college acquired this former medical clinic in 1963 and converted it into classrooms, offices, and facilities for the student Health Service. The department of psychology and sociology has offices and specially equipped classrooms here.

ECHO HAVEN (1953): This four-bedroom house is occupied each nine weeks by six women for their home economics course in home management.

MILDRED TAYLOR STEVENS MEMORIAL ART CENTER (1969): This complex consists of a new classroom and studio building and the former president's home, which was renovated for faculty offices and a gallery for the art department.

ALUMNI FIELD (1963, 1971): Alumni Field is the home of the intercollegiate football and baseball fields, an eight-lane track, and a modern dressing and equipment building. Seating exists for 4,000 persons.

SEWELL HALL (1953): The two-story building contains seven apartments for faculty members.

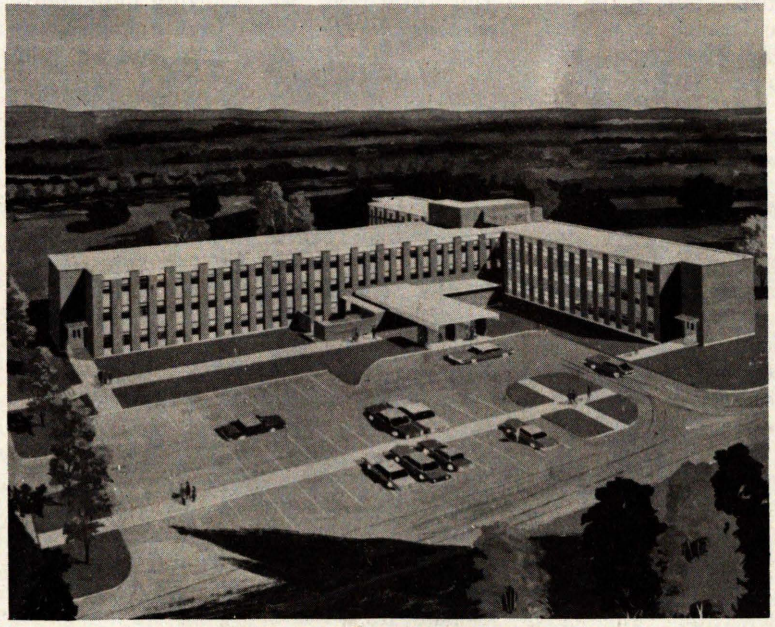
OTHER BUILDINGS: The following are other campus structures: the swimming pool, the Academy Building, the heating plant, the laundry building, and the Bell Tower.

CAMP TAHKODAH: Located about 40 miles north of Searcy in the rolling Ozark foothills, this well-equipped camp area is owned by the college and is used by various campus groups for retreats. Except during the summer months, when its formal schedule is full, the camp is open to the general public at a modest fee.

RESIDENCE HALLS: Eight residence halls provide homes for Harding's resident students. The following are women's residences: Pattie Cobb Hall (1919), one of the original campus residences, which houses one of the campus cafeterias and a faculty lounge; Cathcart Hall (1951); Kendall Hall (1961); and Stephens Hall (1968), the only air-conditioned women's hall. A new 300-capacity women's residence hall is under construction.

The following are men's residences: Armstrong Hall (1949); Graduate Hall (1956); Keller Hall (1969); and Harbin Hall (1971). Both Keller and Harbin Hall are air-conditioned.

MARRIED STUDENTS APARTMENTS (1958): Three separate buildings provide low-cost housing for married students, with 52 one-bedroom and 8 two-bedroom units. Additional apartments for married students are under construction.



New Women's Dorm

Special teaching aids in many fields supplement classroom experience with practical opportunities for the student's increased understanding of concepts and his own creative development. Laboratories, studios, and libraries, for example, provide invaluable training and study opportunities that can be found no other way. Typical of the teaching aids and facilities at Harding are the following:

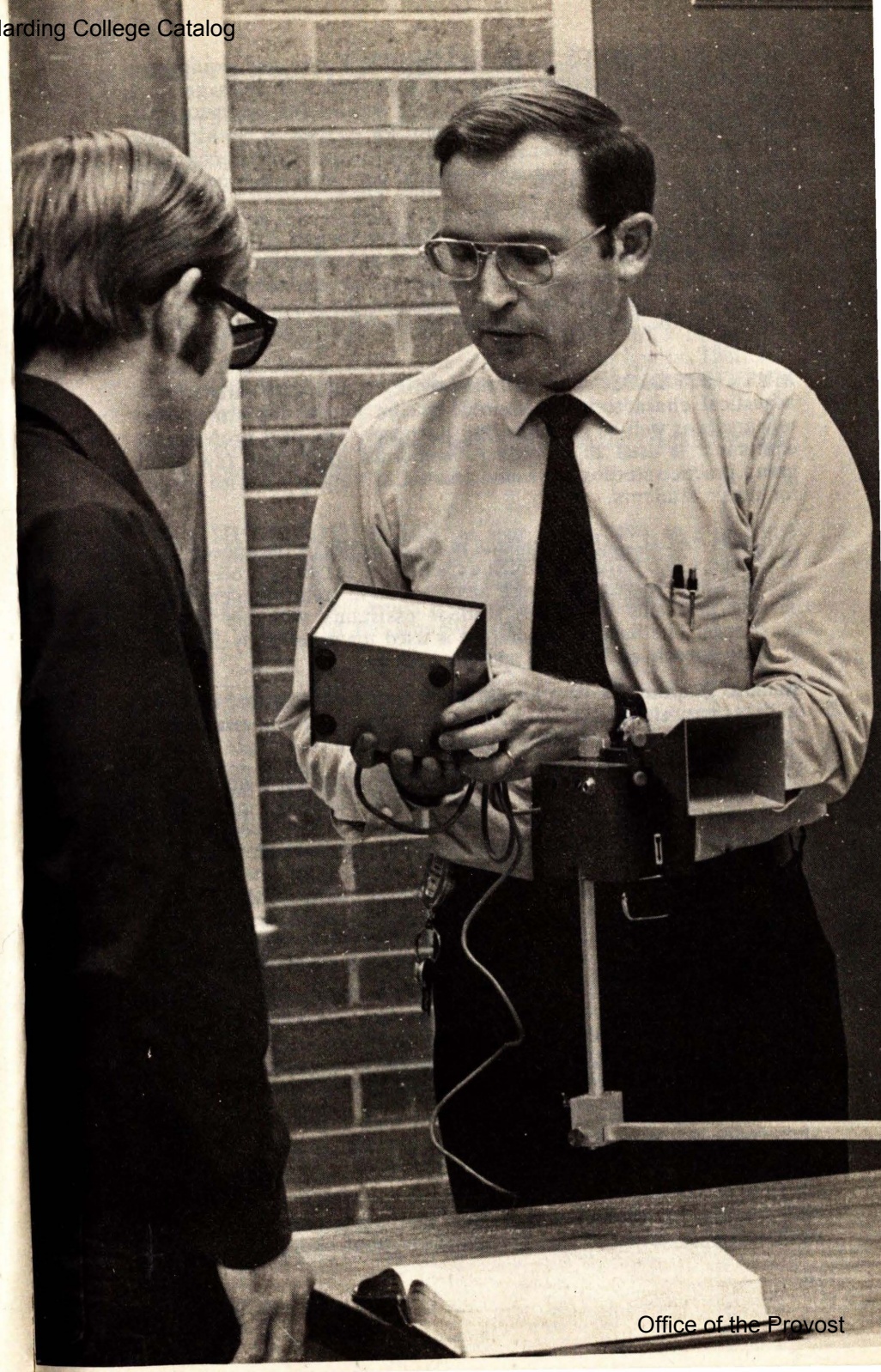
BEAUMONT MEMORIAL LIBRARY: Library holdings include more than 125,000 volumes, 882 current periodicals, 10 daily and weekly newspapers, and thousands of pamphlets on general, educational, and vocational topics. In 1963 the library was designated a selective depository for United States government publications, and several hundred documents are added to the collection annually. More than 7,000 reels of microfilm supplement the book collection, which is increased by approximately 5,000 volumes per year. In addition to printed material an extensive collection of recordings, consisting of more than 2,100 records in music, speech, and biology, is available for listening. Cassette players are also available and a tape collection has been initiated.

Special collections in the library include the personal library of the late G. C. Brewer and the Juvenile Collection for use by students in elementary education, both adjacent to the Reference Room Annex. On the second floor, the Harding Room houses materials related to the history of the college and tapes in the Oral History collection.

The library staff cooperates with various departments in giving class instruction in the use of the library, as well as giving individuals assistance as needed. The *Student Handbook* and *Faculty-Staff Handbook* may be consulted for detailed library policies and regulations.

SCIENCE LABORATORIES: The New Science Building contains modern, well-equipped laboratories for both physical and biological sciences. Four large chemistry laboratories conveniently arranged around a central stockroom provide excellent facilities for general, analytical, organic, and physical chemistry courses. Four laboratories serve the courses in general physics, optics, electricity, and nuclear physics. Five large biology laboratories give modern facilities for courses in bacteriology, physiology, botany, embryology, histology, anatomy, and ecology. Research in botany and physiology is facilitated by a greenhouse, a live animal house, and a walk-in refrigerator.

R. T. CLARK RESEARCH CENTER: The south wing of the New Science Building is equipped with a treadmill, bicycle ergometer, a lean-body-mass tank, a physiograph, a Haldane apparatus, a Van Slyke apparatus, spectrophotometers, a chromatographic apparatus, and other biochemical and hematological equipment for scientific evaluation of physical fitness levels. Both students and faculty participate in research studies.



HOME ECONOMICS LABORATORIES: Foods and equipment laboratories in home economics are furnished with both gas and electric stoves of the latest models, while the clothing laboratory has electric machines and other equipment for courses in clothing and textiles. The home management house allows home economics majors to pursue home management and consumer programs under home conditions.

ART STUDIOS: The new Mildred Taylor Stevens Art Center has excellent facilities for painting, drawing, ceramics, sculpture, jewelry- and print-making, and commercial art and design courses. The gallery of the Art Center and areas in the American Heritage Center and the library show works by students, faculty, and guest exhibitors.

MUSIC STUDIOS: A superior recording studio with outstanding acoustical characteristics is used by the music department for rehearsals as well as for recording purposes. The best professional equipment is used in recording. Numerous individual and small group practice studios are sound treated and equipped with pianos for music students.

SPEECH FACILITIES: Students in all branches of the speech field have access to equipment which enriches the learning process. The Speech Clinic serves the entire Searcy area in treating speech and hearing problems and gives student assistants valuable clinical experience. The Speech Laboratory is used for practice by students in basic speech and public address courses.

Students operate the campus currentcarrier radio station, KHCA, and may participate in all aspects of radio work, from management and production to advertising and announcing.

The main auditorium, with its excellent stage facilities, is an asset to both the departments of music and speech. Lighting and sound equipment is versatile, and make-up studios, dressing rooms, and workshops for costumes and scenery are located beneath the stage.

PSYCHOLOGY CLINIC: The department of psychology and sociology enjoys the benefits of a well-equipped clinic for both practical instruction and actual services. One of the features is a soundproofed room with one-way windows for observation of activities either inside or outside the room.

BUSINESS LABORATORIES: Modern office equipment and business machines are used by majors in accounting, business administration, business education, finance, management, office management, and secretarial science.

JOURNALISM FACILITIES: Practical experience for journalism students comes from several sources, including volunteer work on the student newspaper and yearbook staffs. Courses in photography and typography make use of the journalism darkroom and professional facilities in the College Press print shop.

RECREATIONAL FACILITIES: Indoor recreation is centered in Rhodes Memorial Field House, whose facilities include three basketball courts, an indoor softball floor, a skating rink, ping pong tables, gymnastic equipment, a weight training room, and volleyball, shuffleboard, and badminton courts.

An indoor steam-heated swimming pool makes year-round swimming possible. Bowling is available in Hammon Student Center at the Bowling Lanes, operated as an auxiliary enterprise of the college. A variety of games are also available in the Game Room of the Student Center.

Outdoor facilities include the intercollegiate football and baseball fields and the eight-lane track at Alumni Field, plus intramural areas for flag football, softball, baseball, and other sports. There are six four-wall handball courts and thirteen concrete-surfaced tennis courts, eight of which are lighted for night play.

Various other recreational facilities are found in the dormitories and in the Student Center.

Special programs

in four areas serve to enrich the undergraduate program of the college. Although Harding recognizes itself as primarily a teaching institution, it also realizes that research and field study are invaluable educational assets for both the faculty and the student body.

The American Studies Program

was developed to train young men and women for leadership careers in business, public life, and education. The task is undertaken through formal training, observation tours, special seminars with staff members of the college, and lectures by leaders in industry, business, education, and government.

Although all students are exposed to a broad curriculum of American studies as part of the general education requirements of the college, outstanding students in the fields of accounting, business, economics, history and political science are invited to become members of the American Studies Program. The following activities constitute the program:

TOURS: Two extended tours are arranged annually to a wide variety of financial and industrial organizations, governmental institutions, and places of historical significance throughout the country. Itineraries of the past few years have included visits to Chicago, New Orleans, St. Louis, and Dallas.

SEMINARS: During each term students and faculty members of the American Studies Program meet informally at regularly scheduled periods to discuss problems of personal, national, and international importance.

GUEST LECTURERS: To supplement the curriculum of the college several recognized authorities are invited to the campus each

school year to lecture in their specialized fields of learning or experience. During their two-day visits students are urged to attend special lectures and informal discussion periods and possibly a dinner meeting.

The program, then, attempts to combine the virtues of an academic and a practical approach to learning. It stresses the uniqueness of the American scene but not at the expense of international understanding. It affords students the opportunity to search for truth through objectivity and faith in proven values. It stresses the need for professional competence and service to humanity.

A broad area major in American studies has been developed, which is outlined in the curricula of the department of history and social science.

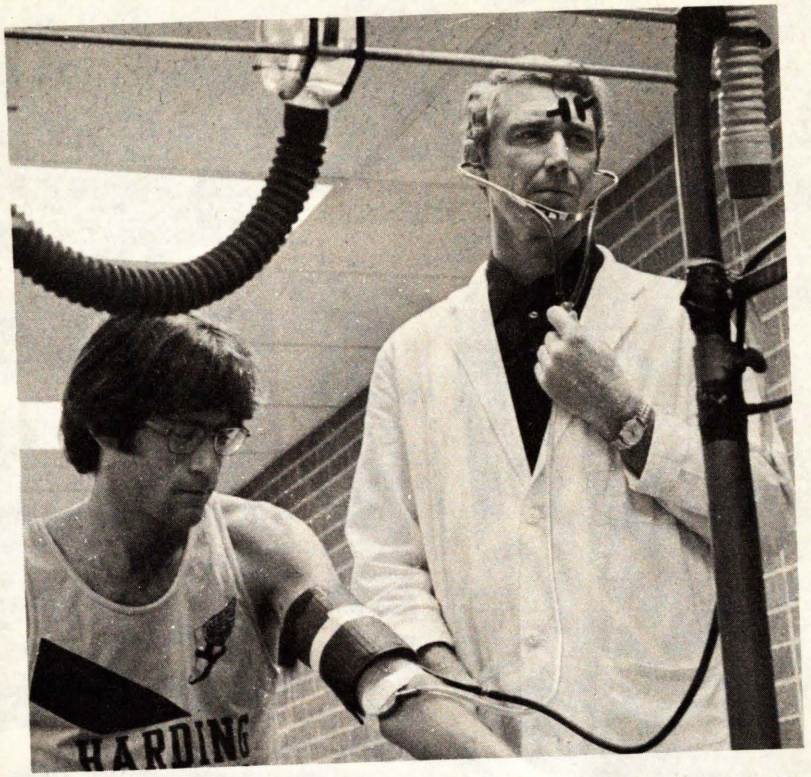
Students interested in the American Studies Program should write the director for a brochure and for additional information on the criteria for admission.

Missionary training is the goal of MISSION/PREPARE, a program developed in harmony with the college's devotion to Christian principles and service and in response to the increasing need for qualified and well-trained workers to take the gospel of Christ to a world exploding with greater populations. A three-faceted approach to training includes a four-year undergraduate curriculum in missions, a continuing education program, and internship training on the field.

UNDERGRADUATE MAJOR: Courses in the mission curriculum, leading to the B.A. degree, are taught by a former missionary on the faculty and by a visiting professor of missions, a full-time missionary on leave from his work. The courses are biblically oriented, yet practical.

INTERNSHIPS: Field work under the supervision of faculty members or approved missionaries may be done by students for academic credit as well as for the invaluable experience of practical work. Regular summer field trips are taken under the sponsorship of the Bible department.

Research in life sciences began at Harding in 1963 when the late Dr. Robert T. Clark became vice president in charge of research and brought to the campus a study in progress on physical fitness levels in children. Dr. Clark's untimely death in 1966 did not deter the program he had built, however, and the research staff under Dr. Harry D. Olree has continued to receive grants for work in the area of physical fitness. The most recent projects have been studies for the National Aeronautics and Space Administration

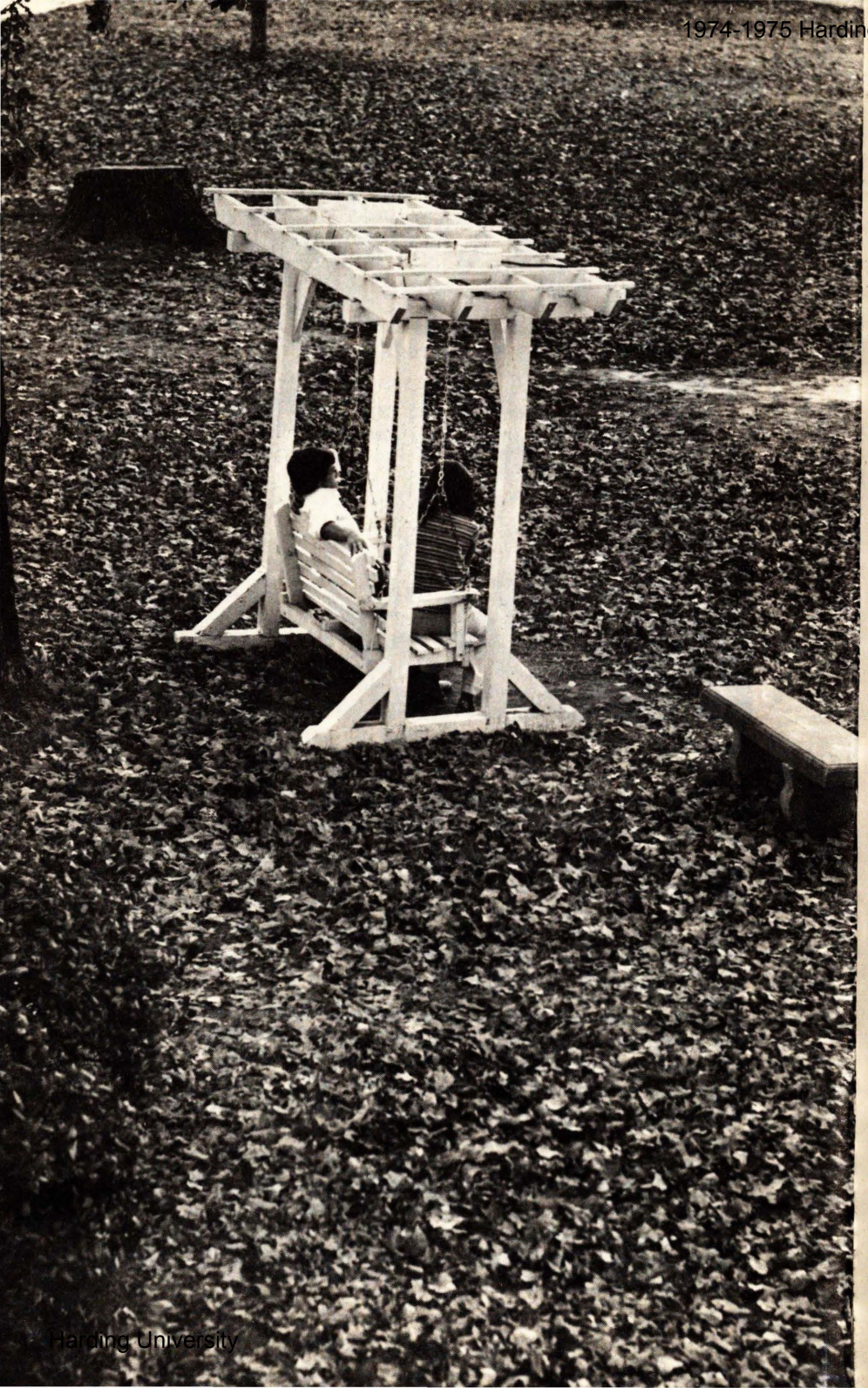


concerning fitness for astronauts. Other projects have been financed by the National Institutes of Health.

The program was developed because of the increased role played by natural science in the 20th century, and because of the strength the research would lend to the undergraduate program at Harding. The entire New Science Building and particularly the R. T. Clark Research Center provide excellent facilities for research by both faculty members and qualified students.

Opportunities exist for qualified undergraduate students to participate in individual and group research projects, either as subjects of a study or as assistants in the large college effort. The research staff also cooperates in various ways with other colleges and universities in the area.

Co-operative Education is finding increased implementation in American higher education. Harding College is a member of the Arkansas Consortium on Co-operative Education and is studying the feasibility of developing a co-operative education program.



Part II
Student Life

Religious Opportunities. . . Cultural Opportunities. . . Extra-curricular Activities. . . Services of the College. . . General Regulations

Harding University
Office of the Provost

The student and his development are of paramount importance in every activity and plan of the college. The wealth of student activities comes from a variety of sources — some written into Harding's tradition by its founders, others arising from a special occasion or need, others simply happening because students get together — but all are part of the gently molding influence of a college education.

Christian life is stressed, reads one line of Harding's alma mater, and certainly it is a true statement. Every opportunity for spiritual growth is made available to the student. Religious activities of both curricular and extracurricular natures abound on the campus.

CHAPEL: The college's charter specifies that daily chapel services be held, with attendance mandatory. Services last 30 minutes and always include a devotional period and announcements of general interest. The planned programs are designed to stimulate intellectual, religious, or aesthetic development.

BIBLE CLASSES: Academic Bible courses are required of each student each semester. Freshmen meet Bible classes daily; sophomores, juniors, and seniors meet three days a week.

MONDAY NIGHT MEETING: This is a traditional period of worship, study, and discussion for all students who wish to attend.

MISSION STUDY: Another group of students meets to study particular aspects and techniques of foreign mission work.

BIBLE SEMINARS: Four two-day seminars are held yearly, with outstanding preachers speaking in chapel and to various religious groups. Special emphasis is placed on the needs of Bible majors and preaching students.

LECTURESHIP: The college's annual Lectureship is more than 48 years old. Hundreds of campus visitors join students in attendance during lectureship week, hearing lectures by church leaders from across the country.

Other religious activities in which the student may wish to participate are nightly dormitory vespers, lily pool devotionals, and various evangelistic campaigns during the weekend and vacation periods.

Cultural opportunities on the campus are numerous and originate from both student and professional sources. Two or three major dramatic productions and several smaller productions are presented each year by the speech department, an

opera is presented in the spring by the music and speech departments, and music groups frequently give concerts on campus. Art students exhibit their works in senior shows throughout the year.

The college's Lyceum Series brings to the campus a variety of professional entertainment. A typical year's program might include a touring drama group, a symphony orchestra, a concert singer, an organist, and a singing group of popular appeal.

Various departments bring to the campus visiting lecturers on topics of special interest.

Extracurricular activities and co-curricular activities may link the student to his academic field, his special interest, or simply to his social and recreational needs, but all are part of his education. The following are student groups:

Alpha Chi is a nationally affiliated society encouraging and recognizing superior scholarship. Harding's chapter, the Arkansas Eta chapter, is open to the upper 10 per cent of the senior class, provided the cumulative scholarship level of each honor student is 3.50 or above on at least 104 semester hours, and to the upper 10 per cent of the junior class whose scholarship level is 3.70

or above on at least 80 semester hours. The society presents a medal at commencement to the graduating member with the highest four-year scholastic record.

Greek letter organizations and the designated area of specialization are as follows:

Alpha Phi Gamma (Journalism), Alpha Psi Omega (Drama), Delta Mu Delta (Business Administration), Iota Beta Sigma (Broadcasting), Kappa Pi (Art), Phi Alpha Theta (History), Pi Gamma Psi (Accounting), Pi Kappa Delta (Forensics), Sigma Delta Psi (Athletics), Sigma Tau Delta (English).

Music organizations on campus are:

A CAPPELLA CHORUS: This group of about 75 is selected by audition and makes two extended tours each year. It also records the weekly "Hymns from Harding" radio program and gives concerts on campus and at other places on invitation. The Chorus rehearses daily.

CHORALE: Membership in this chorus of about 125 is open to any student. The group makes occasional short tours and rehearses three times a week. Campus concerts also are given.

RECORDING CHORUS: This volunteer chorus records hymns in foreign languages for use on the mission field.

BELLES AND BEAUX: Variety and musical entertainment is the province of this select group of about 15 chosen from the A Cappella Chorus. One of their chief goals is to provide entertainment for U.S. servicemen overseas. They have made five foreign tours for the USO and the National Music Council since 1960.

BISON BAND: Both a concert and a marching group, the Band performs at home football games and gives two annual concerts. Small groups within the Band are the Pep Band and Stage Band.

STUDENT MUSIC EDUCATORS' NATIONAL CONFERENCE: The purpose of this nationally affiliated chapter is to promote music education.

Student publications provide both a factual record of the year's events and a forum for student expression. The weekly newspaper, *The Bison,* has won numerous awards in both national and state competition. The yearbook, the *Petit Jean,* has been honored fourteen consecutive years with the All-American rating from the Associated College Press. The Humanities Division sponsors annually a publication of creative writing by students.

Intercollegiate Business Games afford selected outstanding accounting, business administration, finance, and management majors the opportunity to compete against teams from major colleges and universities across the nation in the simulated operation of an industry. During the ten years that Harding teams have participated, they have won the Michigan State University games three times and the Emory University games four times, the last three consecutively.

Special interest clubs on the campus range from those concerned with academic departments to political partisanship, from service projects to athletic events. They are:

RELIGIOUS AND SERVICE ORGANIZATIONS:

Timothy Club: for male students planning to preach
JOY: for women students seeking greater Christian devotion and service
Dactylology Club: for students interested in learning the sign language and using it in evangelism
Big Sisters: for upperclass women selected to help new women students plan for and adjust to college life
Circle K: for men; affiliated with Kiwanis International
WSRO: for women living in college residence halls

DEPARTMENTAL GROUPS:

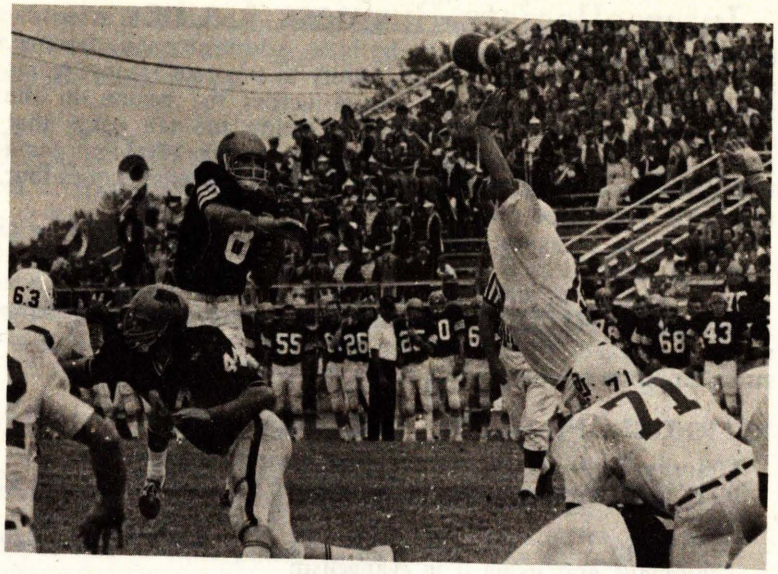
Campus Players: for students working in dramatic productions
French Club: for students enrolled in French or who speak French
PEMM: for physical education majors and minors
The Guild: for art students
Behavioral Science Club: for students in psychology and sociology and other interested students
Science Club: for science students; affiliated with the Arkansas Collegiate Academy of Science
American Home Economics Association: for students in home economics
Student National Education Association: for students preparing to teach

ATHLETIC GROUPS:

Varsity Club: for intercollegiate lettermen
Cheerleaders: seven elective positions and an alternate
Bisonettes: women's pom-pom cheering unit
Bison Boosters: volunteer unit decorating for home athletic contests and promoting school spirit.

POLITICAL GROUPS:

Young Americans for Freedom, Young Republicans, Young Democrats.



Athletics at Harding involve nearly all students. A nine-sport intercollegiate schedule draws many participants and even more ardent supporters. Participation in an outstanding intramural program totals about 90 per cent of the men and 60 per cent of the women students.

Harding is a member of the Arkansas Intercollegiate Conference and the National Association of Intercollegiate Athletics. Teams are fielded in football, baseball, basketball, track, cross-country, bowling, tennis, golf, and swimming. The Athletic Committee controls intercollegiate sports in harmony with established policies approved by the faculty, and competition is regulated by the basic educational purposes of the college.

In the conduct of intercollegiate athletics, the college administration subscribes to the Athletic Policy of the Commission of Colleges and Universities of the North Central Association of Colleges and Secondary Schools. The student athlete must be an undergraduate student regularly enrolled in at least 12 semester hours. He must have passed 12 hours the previous semester in attendance and no less than 24 hours the previous two semesters with a satisfactory cumulative average.

The intramural program includes both team and individual sports, with competition existing between social clubs and classes as well as teams assigned by the directors of the program. The major sports are flag football, softball, baseball, basketball, volleyball, tennis, and track. The excellent and varied facilities of Rhodes Memorial Field House, an indoor swimming pool, an eight-lane track, bowling lanes, tennis and handball courts, and a skating rink are used extensively throughout the year for recreational purposes.

Social clubs at Harding are part of a system that is quite unusual compared to fraternity systems of most insitutions. Every Harding student who desires membership in a club is assured of receiving an invitation, and the large number of groups (17 for men and 20 for women, with one for married couples) gives each student a wide choice of club interests and sizes. Organized to provide for students a wholesome social life with opportunities to develop leadership abilities and cooperative attitudes, the clubs regularly engage in service projects, present chapel programs, and enjoy banquets, parties, and outings.

The Student Association is the student government organization at Harding. All students are members of the association, which is headed by an executive council consisting of four officers and two representatives from each class. A cabinet of ten students is appointed by the S.A. president to take responsibility for specific activities of the association.

The Student Association exists to provide close cooperation between the students and the administration and faculty and in furnishing a systematic plan of participation in the responsibilities of the college. Executive council members serve on standing faculty committees which are concerned with student welfare.

Active in a variety of tasks, the Student Association sponsors social events for the entire student body, assists in planning Homecoming, sponsors Saturday night movies on campus, encourages academic competition among social clubs, studies campus problems, and makes recommendations to the administration and faculty on a wide range of subjects relating to the college and specifically to the students.

Dormitory Councils for men and women resident students consist of elected representatives from the residence halls. They work closely with the Dean of Students, the Dean of Men, the Dean of Women, and the dormitory directors in studying and resolving housing problems.

Services provided by the college assist the student in his total development. Major services include academic counseling, personal counseling, testing, placement, health, junior college relations, and alumni relations.

Academic Counseling is given each student by a faculty member who is assigned to him as an advisor. Freshmen and sophomores are generally assigned to faculty members in their respective fields of interest or to one of the pre-professional counselors. At the end of the sophomore year students are counseled by the department chairmen in their respective major fields of interest.

Personal Counseling is provided by the Counseling Office located in the Clinic Building. Here a student can find qualified counselors to help him with any type of personal problem. Both short-term or long-term counseling are available in a warm, empathic, and confidential atmosphere. Participation in group counseling also is possible. If tests are needed for self-understanding, academic planning, or vocational selection, these are administered and interpreted at no cost to the student.

Selected services of the Counseling Office are available to individuals or groups who are not connected with Harding College on a minimum-charge basis. These services include individual counseling, psychological evaluation, and group therapy. The Director of Counseling should be contacted about specific services and charges.

The Institutional Testing Program which includes the tests required of freshmen, sophomores, transfers, seniors, and graduate students, and the English proficiency examination, is administered by the Director of Institutional Testing. Special examinations are also available to students, as well as information about a wide range of national testing programs. The testing center conducts comprehensive research projects related to test scores. These include normative and validity studies and grade predictions.

When students need test scores sent to other colleges, to graduate schools, or to other agencies, they should contact the Institutional Testing Office. The first request up to three copies is free. Single copies thereafter cost $1; three copies ordered at the same cost $2.

The Placement Office keeps in constant touch with schools, industries, and businesses, and assists Harding graduates, graduating seniors, and graduates of any recognized senior college who have completed, or are completing, six semester hours of acceptable graduate work at Harding in finding suitable positions. The demand for Harding graduates for positions of responsibility is greater than the college can supply. All graduating seniors must register with the Placement Office, and graduates may write back to the college at any time for help in securing new jobs. There is a charge of $2 per set of credentials for every set after the first request after a graduate has left the college.

Health Services provided within the registration costs include the following for all students:

1. First-aid and emergency care which can be administered adequately in the college Health Center.
2. Since hospitalization is not included as a part of the college's own infirmary service, a student accident and sickness insurance plan is available to all full-time students at a cost of approximately $38 per fiscal year under a student group plan. This covers hospitalization, surgical fees, and medical care as provided in the policy and includes all intramural and intercollegiate athletic activities. Students participating in intercollegiate sports are required to take the insurance.

Smallpox vaccination is a requisite to entrance.

Health service does not cover the cost of drugs, extensive examinations, X-rays, dental care, or medical attention for chronic illnesses or accidents, including those incurred in voluntary activities such as intramural sports and outings, which require the services of a physician or outside hospitalization. These services may be arranged through the nurse, but the student will be expected to pay the additional cost.

A student may select his own physician in consultation with the Health Center. The college does not assume financial responsibility for medical service arranged by the student. Financial responsibility of the college for health service ends with the termination of one's student status.

Junior College Relations

are the responsibility of the Admissions Office. A serious effort is made to promote junior-senior college articulation because of the increasing number of junior college-graduate transfers at Harding. The Director of Admissions maintains liaison between the academic administrations in junior colleges and the academic offices at Harding. Students before and after transferring may obtain counsel and assistance from this office.

The Alumni Association

of Harding College maintains an office on the first floor of the American Heritage Center. This office serves as the center through which the various activities of the Alumni Association are coordinated. The purpose of the Association is to promote the welfare of Harding College and a mutually beneficial relationship between the alumni and their Alma Mater. Under the direction of the Executive Secretary, an up-to-date file on all alumni is maintained. Membership in the association includes alumni of Harding College, Arkansas Christian College, Harper College, Cordell Christian College, Western Bible and Literary College, Monea College, and Potter Bible School.

Alumnotes, news about Harding and Alumni Association activities, is published eight times yearly as part of the monthly *Harding College Bulletin*, which is sent to all alumni in the active file. The Alumni Office assists in the orientation of new students at the beginning of each semester. The chief activities of the Association are held in the fall during the weekend of the Homecoming football game. At this time the annual business meeting is held, the 25-year

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class is honored, and the Black and Gold Banquet featured. Additional periods of fellowship are planned in connection with the annual fall meeting of the Arkansas Education Association, the annual Lecturship, and the spring Commencement. Alumni are encouraged to make an annual contribution to the Alumni Fund.

Active chapters of the Association have been organized in a large number of centers. New chapters are organized annually. These chapters are helpful to the College in recruiting students, advertising, and supplying financial aid. They also afford periods of fellowship for the alumni.

A Distinguished Alumnus Award is presented at the Black and Gold Banquet to an outstanding alumnus chosen by the Executive Committee of the Association from nominations made by alumni.

General regulations

concerning student conduct exist to further the aims of Harding College in maintaining and promoting Christian standards of life. In all matters pertaining to personal conduct, students are expected to behave as responsible citizens in a Christian community. A student's application for admission to the institution implies his acceptance of the objectives and regulations of the college, and any person who is antagonistic to the spirit of Harding and who does not intend to support its policies should not enroll. The college aims to have its discipline firm, reasonable, and sympathetic. It reserves the right to dismiss a student whenever in its judgment the general welfare of the institution seems to require such action.

Students are responsible for reading and observing all regulations in the *Student Handbook*. The following basic regulations are designed to contribute to the welfare of each student:

BIBLE CLASSES: The college believes that a knowledge of the Bible and an appreciation of its teachings constitute the foundation for building happy and useful lives. Therefore, each student is required each semester to enroll in a course in Bible or in an approved course in a related field.

CHAPEL ATTENDANCE: One of the most important periods of the day is the chapel service which draws faculty and students together in a common experience. The quiet devotional period is followed by stimulating programs. Each student is required to attend daily.

CHURCH ATTENDANCE: Students are expected to attend church services each Sunday morning and evening.

NON-RESIDENT STUDENTS: Local students are expected to observe college regulations while on campus and when participating in college activities.

STUDENT MARRIAGES: Students who marry secretly or who falsify their marital status automatically sever their relationship with the college.

TOBACCO: The college discourages the use of tabacco. Women students are not permitted to smoke. Men must confine their smoking to their own rooms or the room of another student who smokes.

VISITING: Permission to spend weekends away from the college requires that the written consent of parents or guardians be sent directly to the dormitory director. Students are not permitted to remain off campus overnight with friends in town except by special permission.

MORAL CONDUCT: Drinking, gambling, dancing, hazing, obscene literature and pictures, and profanity are not consistent with the moral standards of a Christian institution. Students are expected to recognize this fact and govern themselves accordingly.

DRESS: A student is expected to dress appropriately and in keeping with the standards of the college.

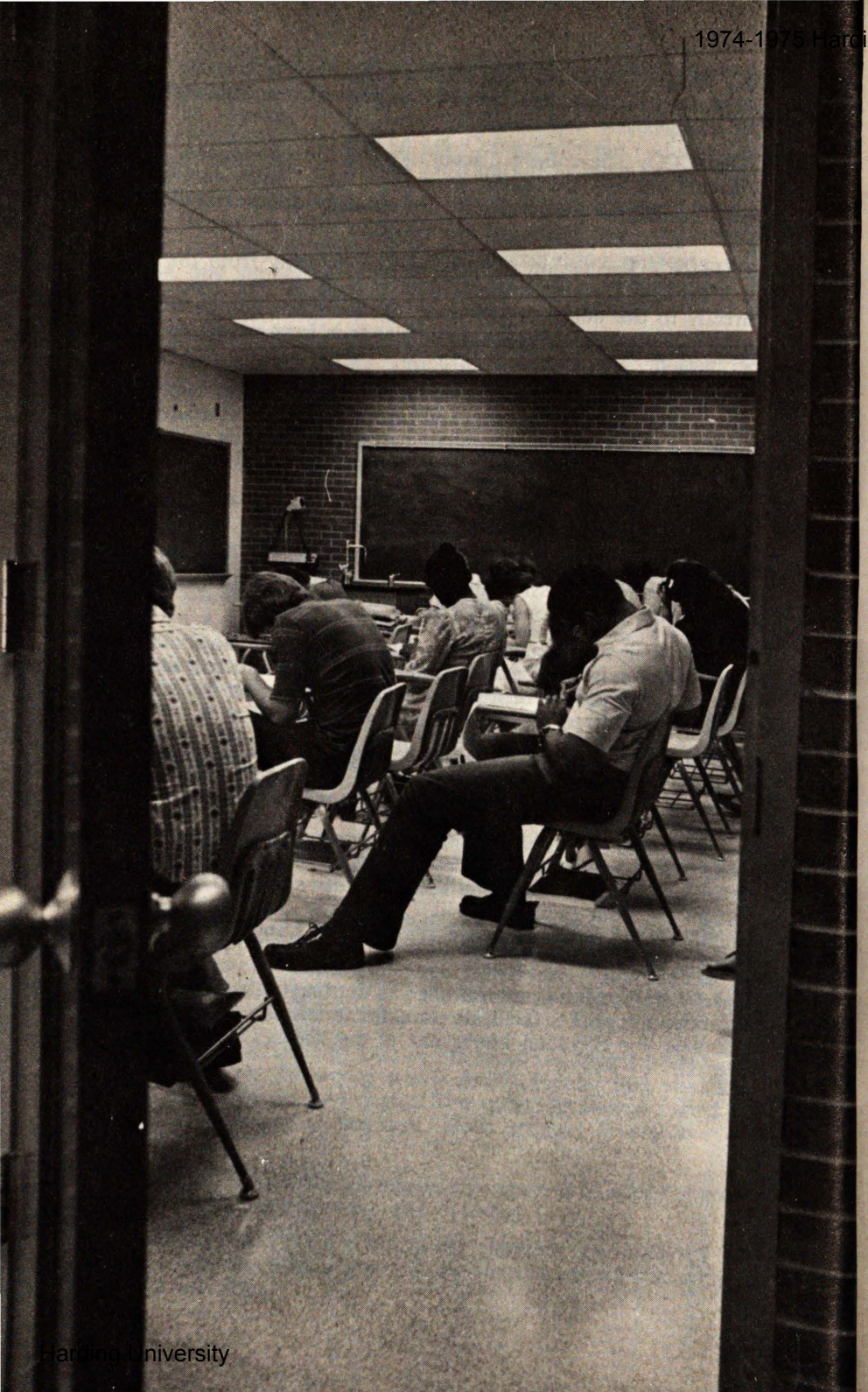
CHEATING: All students are expected to be honest in word and in deed. Dishonesty in assignments or examinations, or assisting others to be dishonest, is considered a serious offense.

PLAGIARISM: Students who fail to give credit for ideas and material taken from others for either written or oral presentation are guilty of plagiarism. Careful acknowledgement of others is an important value in the academic community.

PROPERTY: Property of the college, as well as that of other people, must be respected. Unauthorized use of, damage to, or destruction of college buildings, property, or equipment is considered a serious offense.

FINANCIAL: A student's fees, loans, fines, bills, and traffic penalties are his responsibility and must be paid when due. Financial delinquencies will result in withholding final examinations, delay of grade reports and transcripts, and cancelation of financial aid.

I. D. CARDS: All students enrolled at Harding College are issued an identification card to facilitate recognition, for admission to campus activities, for checking books out of the library, and for cashing checks.



Part III
Academic Information

Admission Requirements... Academic Regulations... Degrees Granted... Requirements for the Bachelor's Degree... Organization of Curriculum... Majors Offered... Suggested Programs... Graduate Studies

Harding University
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Admission to Harding College is determined on an individual basis with the following criteria considered: (1) academic preparation, (2) character, (3) educational interests, and (4) academic potential. Effort is made to admit all students who qualify and who can benefit from the unique educational program and opportunities available at Harding irrespective of their religious faith, national origin, sex, race, or color. When applying, each student should be aware of the distinct purpose of Harding College and be willing to commit himself to upholding institutional values.

High school graduates should have completed at least 15 units in academic subjects. Specifically, an applicant must have a minimum of 3 units in English and 9 units from other academic courses such as mathematics, science, social science, and foreign language. The remaining 3 units may be from other high school courses. Foreign language is not required for admission but it will be considered for partial fulfillment of the 9 units mentioned above.

These course requirements represent the **minimum** number of units necessary. Most high school graduates will more than meet these requirements and all prospective applicants are strongly urged to do so.

Students planning to major in engineering, mathematics, chemistry and physics should have earned at least 4 units in mathematics, including Algebra I and II, Plane Geometry, and Trigonometry.

Generally, a "C" average is required for admission. High school graduates and transfer students with fewer than 24 semester hours of credit are required to submit an official report of scores achieved on the American College Tests. A minimum composite score of 17 is recommended since Harding freshmen average about 21.6 on the ACT.

ACT scores and academic records are jointly considered in evaluating the eligibility of an applicant. Low grades may be offset by higher ACT scores; a good transcript may offset low ACT scores.

Applicants who do not meet the standards specified above may be granted probational admission for the summer session or the spring semester. Normally, a 1.65 grade point average must be achieved during the probationary period to qualify for re-enrollment at Harding.

Transfer students will be granted unconditional admission if their grade point average is 2.00 or higher. Those with lower averages will be considered on an individual basis and *may* be granted probational admission during any semester or summer session. Transfer students who have earned fewer than 24 semester hours must submit ACT scores.

Full credit will normally be given for courses transferred from accredited institutions if the courses approximately parallel those at Harding, provided the grade is "C" or higher. Students presenting transfer credit from non-accredited institutions may have their credit validated by special examination or on the basis of satisfactory work completed in residence. Harding will accept 6 semester hours of "D" credit for a student transferring 50 or more hours of credit, or 3 semester hours of "D" credit if 25 to 49 hours are transferred, provided the student presents a cumulative average of 2.00 or higher. If the student has more hours of "D" credit than can be transferred, the Registrar will determine which hours of "D" will be accepted in transfer. If the cumulative average is below 2.00, no hours of "D" will transfer.

Students who have been attending an accredited four-year college may transfer up to 96 semester hours toward graduation. A maximum of 68 semester hours may be transferred from an approved two-year college. A transfer student may enter Harding College under the catalog in effect during his freshman year of college, subject to the time limitation specified on page 45.

TRANSIENT CREDIT: Students who enroll during the summer, or a regular session, at another institution must achieve a grade of "C" or higher in a course in order for it to transfer to Harding toward meeting graduation requirements. It is wise for the student to check with the Dean at Harding relative to the acceptability of the credit prior to enrolling as a transient student at another institution.

Junior college students may satisfy Harding's general education requirements at the junior college by completing the broad-area curriculum outlined below:

Bible	8 semester hours
English Composition and Speech	6
Humanities:	
Literature	6
Art and/or Music Appreciation	3
Natural Science	8
Mathematics	3
Social Science (must include 6 hrs. American and/or World History)	12
Physical Education Activity	3

If the junior college graduate has not completed all of the courses listed above, he may take the remainder in residence at Harding.

Please note that this plan applies *only to graduates* of junior or community colleges. Non-graduates must meet the normal general education requirements at Harding College. Please note also that the above plan does not provide for waiver of courses required as part of a particular major. Also, students who plan to certify to teach will be required to meet all **certification requirements specified by the Arkansas Department of Education.**

Non-high school graduates. If a prospective student did not prepare for college in a recognized high school, he may apply for admission and attach a complete statement regarding his educational background and qualifications. He should arrange to take the ACT Test and have scores sent to Harding. His application will be considered by the Admissions Committee.

Special students are those who do not meet admission requirements but who desire to enroll in certain courses. Such a student may be permitted by the Dean to enroll in any course which he is qualified to study, but credit earned as a special student does not count toward a degree. Only a limited number of special students are approved.

Two required fees should accompany the Application for Admission — a $15 application fee and a $25 housing reservation fee. The application fee is non-refundable and is designed to cover the cost of application processing. The housing reservation fee is a deposit that is subsequently applied to the student's account. The $25 housing reservation fee will be refunded if the housing reservation is canceled more than 30 days prior to the proposed enrollment date and the student's account in the Business Office is in order.

The fees may be forwarded in the form of one check or money order in the amount of $40 made payable to Harding College. Commuting students should file only the $15 application fee.

Steps toward admission. To gain admission, students must see that the following items are filed with the Director of Admissions:

APPLICATION FOR ADMISSION: An Application Packet, obtainable from the Director of Admissions, will contain an Application for Admission as well as other materials. The application form is to be completed by the applicant and returned to the Director of Admissions well in advance of the proposed enrollment date. A pre-addressed envelope will be provided with the form.

PHOTOGRAPH: A wallet-sized photograph is to be attached to the application page.

FEES: All applications should be accompanied by a $15 application fee. Students desiring college housing should also enclose a $25 housing reservation fee, a total of $40.

REFERENCE FORMS: Three reference forms are included with the Application Packet. They are to be mailed or delivered to three persons who are qualified to evaluate the applicant.

TRANSCRIPT(S): Copies of academic credentials must be placed on file with Harding College. A student who plans to enter college for the first time should ask the high school guidance counselor or

principal to send directly to the Director of Admissions an *official copy* of his high school transcript. Transfer students should have official transcripts sent by the Registrar of each institution previously attended. If the college transcript does not list high school units earned, it will also be necessary for the high school transcript to be requested.

AMERICAN COLLEGE TEST: Applicants who will have fewer than 24 semester hours of college credit when entering Harding will be required to take the American College Test. This test is given at testing centers across the nation during the year. All students entering college for the first time are required to take the ACT test. Students should contact their guidance counselor for information regarding test dates and arrangements for taking the test. Upon request by the student, ACT will send test scores directly to Harding College.

HEALTH RECORD: A health form is enclosed with the Admission Packet. It does not necessarily need to be returned with the application. However, it should be completed in advance of the proposed enrollment date and mailed to the college or hand carried to the Harding Health Center before registering for classes.

The Director of Admissions and other members of the Admissions Office staff are ready to provide necessary assistance with all phases of college plans. Interested students should feel free to write or call:

Director of Admissions
Harding College, Box 762
Searcy, Arkansas 72143
(Phone: 501-268-6161, Ext. 407)

The Advanced Studies Program is conducted each summer for outstanding high school students who have completed the junior year in high school. Such a student who has achieved a "B" average or better in the "solid" academic courses may be approved for enrollment in college courses during the summer session. Credit earned in this program will be held in escrow until the student has competed the senior year of high school. Some students may qualify for admission to college the following fall semester. For additional information, write Dr. James F. Carr, Jr., Director of the Summer Session, Harding College, Box 1224, Searcy, Arkansas 72143.

A Summer Developmental Program is conducted each summer to assist high school graduates who are deficient in their background of preparation for college obtain the proficiency to do college work. A special ten-week summer program in English and mathematics for beginning freshmen is offered by Harding College. For additional information, write Dr. James F. Carr, Jr., Director of the Summer Session, Harding College, Box 1224, Searcy, Arkansas 72143.

Tests are required of all students and range from the ACT test for admission to the Graduate Record Examination for seniors. They are:

ACT TEST: Harding uses the test of the American College Testing Program as a scholastic aptitude entrance examination. It is required of all prospective freshmen. The ACT test includes tests in English usage, mathematics usage, social studies reading, and natural science reading. The entire battery may be completed in one morning. Scores on the ACT are used along with other information to determine the ability of each applicant to be successful in college work at Harding College.

The ACT is given at testing centers at high schools and colleges across the nation five times during the school year. The first test period is usually in early November and the last period in early June. Students who wish to apply for loans should take the ACT at one of the earlier test dates. Information and application blanks may be obtained from high school counselors or principals or directly from the ACT Registration Unit, P.O. Box 414, Iowa City, Iowa 52240.

TRANSFER TESTS: Transfer students with 40 to 89 semester hours of credit are required to take the Sequential Test of Educational Progress (STEP Test) after arrival on campus unless these tests were taken during the second semester of the sophomore year at the previous college and the scores have been sent to the Director of Institutional Testing at Harding. Students missing any part of the Transfer Tests on the scheduled date and having to have a second testing date will be charged a fee of $2.50; those missing the second time will be charged $5 for a third date.

SOPHOMORE TESTS: A series of tests is required of all sophomores during the second semester of the sophomore year. Test results are used for institutional evaluation and for counseling of students. The test is required of students the semester immediately after they have earned 40 semester hours of credit. The same fees are charged for late tests as in the case of transfer students.

ENGLISH PROFICIENCY EXAMINATION: A qualifying examination is given in the junior and senior years to any student who has not previously established competency in English composition. Additional assistance in English may be arranged for those who need it.

SENIOR EXAMINATIONS: During the senior year all candidates for degrees are given the Graduate Record Examinations as part of the requirements for the degree. Seniors in the teacher education program take the GRE Aptitude Tests and also the Commons Examination and the Teaching Area Examinations of the National Teachers Examinations. Non-certifying seniors take the GRE Aptitude Test and, in fields where available, the GRE Advanced Test. An official transcript from Educational Testing Service is required.

Classification of students is determined in the following manner: Regular students who have met entrance requirements but who have earned fewer than 27 semester hours of college credit are classified as *freshmen*. Those having 27 hours of college credit at the beginning of any semester are classified as *sophomores*. Those with 60 hours are *juniors*. Those with 90 hours are *seniors*. The necessary scholarship must be maintained at each level.

Any student enrolled in 12 or more hours per semester is classified as a *full-time student*. Any student enrolled in fewer than 12 hours per semester is classified as a *part-time student*; however, a part-time student who is enrolled in more than 8 hours per semester is subject to the Bible-course and chapel-attendance policies. A *special student* is a student who does not meet the admissions requirements but who may be permitted by the Dean of the College to take some specific course but for which no college credit is granted. All resident students are expected to enroll in a minimum of 12 hours each semester unless prior approval for a lighter load is obtained from the Dean of the College.

Academic regulations at Harding College are as follows:

CLASS AND CHAPEL ATTENDANCE: Admission to college implies that the student will observe the regulations of the school in regard to class and chapel attendance. Regular attendance and participation in classroom activities are necessary for the attainment of a student's educational objective. Regular chapel attendance contributes to his moral, spiritual, and intellectual growth. If the college should find that the student does not intend to meet his responsibilities for attendance at classes and chapel, he will be asked to withdraw.

CLASS CHANGES: Any student changing a class will be charged a fee of $3 unless the change is required by the institution. Class changes are not permitted after Monday of the fourth week of any semester except for unusual circumstances and only with the approval of the instructor, the academic advisor, and the Dean of the College.

CLASS DROPS: Any student dropping a class will be charged a fee of $3 unless the change is required by the institution. Any class dropped without the official approval of the College will be marked "F". Courses dropped by Monday of the fourth week will not appear on the official record. Courses dropped after Monday of the fourth week will be marked "WP" or "WF" depending upon whether the student is passing or failing at the time, but classes dropped after the eleventh week because of the possibility of failure or the possibility of achieving a low passing grade may be marked either "WF" or "F" at the discretion of the instructor.

LATE ENROLLMENT: Students enrolling after the day set for registration are charged a late enrollment fee of $15. The amount of course work to be carried is reduced according to time of entrance.

Enrollment is not permitted after Monday of the fourth week of the fall and spring semesters and after the first week of either summer term except for limited programs. Exceptions to this regulation must be approved by the instructor, the academic advisor, and the Dean of the College.

EXAMINATIONS: A sufficient number of examinations, including a final, are given during a semester to provide a satisfactory basis for grades. Students are expected to take all regularly scheduled examinations. If a student misses an examination because of illness confirmed by the college nurse or family physician, participation in a college activity approved by the faculty sponsor or other cause sanctioned by the Dean of Students, a make-up examination may be arranged at the convenience of the instructor.

A final examination may be taken out of regular schedule only in emergency situations approved by the instructor and the Dean of the College, but an examination fee of $3 will be charged unless the emergency results from illness confirmed by the college nurse or family physician, more than three final examinations scheduled the same day, or approved official representation of the college. Final examinations are not to begin before the beginning of the scheduled final examination period.

REPORTS AND GRADES: Reports of semester and mid-semester grades are sent to parents or guardians. A report on unsatisfactory work may be sent at any time.

Scholarship or achievement of the student in each course is expressed as follows:

A — Excellent or outstanding
B — Good or superior
C — Average
D — Below average, the lowest passing mark
F — Failure
WF — Withdrawn with failing grade
WP — Withdrawn with approval and passing grade
S — Satisfactory, but without reference to the quality of achievement
I — Incomplete

An "I" may be given only when the student has been unable to complete a course for reasons which in the judgment of the instructor have been unavoidable. Incompletes must be removed by the end of the first nine weeks of the semester immediately following the semester or summer session in which the "I" was received. Those not completed within the specified time automatically become "F."

After a final grade has been reported to the Registrar, the only basis for changing the grade *is an error on the part of the faculty member in calculating or reporting the grade.* A grade of "I" is not considered a final grade since it must be removed according to the schedule outlined above.

DEFINITION OF SEMESTER HOUR: A semester hour of credit requires 45 hours of lecture, recitation, discussion, or equivalent, exclusive of the time devoted to final examinations. On an average, two hours of preparation should accompany each hour spent in lecture, etc. Two or three hours of laboratory work are equivalent to one hour of recitation.

HONORS AND HONOR POINTS: In order to determine the student's scholarship level, the following points are assigned for each hour of the indicated grade: A, 4; B, 3; C, 2; D, 1; F, and I, O. Grades of "S" and "WP" are not used in determining scholarship levels.

A Dean's List is published each semester of those achieving high scholarship. To be eligible for the Dean's List a student must be carrying 12 hours of work or more. Freshmen must have an average scholarship level of 3.25 and sophomores, juniors, and seniors a level of 3.5, with no grade marked "incomplete" and no grade below "C" for the semester.

Students who achieve a scholastic level of 3.30 points during their entire college course are graduated *cum laude.* Those with an average of 3.60 are graduated *magna cum laude.* Those with an average of 3.85 are graduated *summa cum laude.*

SCHOLARSHIP LEVELS: Students are urged to keep their scholarship levels as high as possible. When it appears evident that the student is either unable or unwilling to maintain standards of satisfactory achievement in his academic work, appropriate steps will be taken by the college.

Two bases are used in the computing of scholarship levels, the semester and the cumulative. Semester scholarship levels are computed on the basis of the number of hours carried during the semester, including failing grades. Cumulative scholarship levels are computed on the basis of the number of hours only in which credit has been earned.

If a student falls below the minimum semester level for his classification in any semester, he will be placed on scholastic probation unless his cumulative level is 2.00 or higher. Classification here is based on the number of semesters a student has been enrolled as a full-time student rather than on the accumulated hours of credit. If a student falls below his appropriate level for two successive semesters, he will be placed on scholastic probation regardless of his cumulative level. The minimum semester scholarship levels for the different classifications are as follows:

First semester freshman	1.35
Second semester freshman	1.50
Sophomore	1.65
Junior	1.90
Senior	2.00

In computing the semester scholarship level, grades of "WP" will be omitted, but grades of "WF" will be included.

To remove academic probation a student must achieve the next semester he is enrolled in a minimum of 12 hours the minimum scholarship level specified for his classification or, when stipulated in writing, a higher level that may be set by the Academic Retention Committee.

The following policy governs the suspension of a student for academic deficiencies. At the end of any semester a student is subject to suspension if he fails half or more of the hours for which he is enrolled.

At the end of the freshman year a student is subject to suspension if
(a) he has a cumulative average less than 1.50, or
(b) he has been on probation the spring semester of his freshman year and he failed to achieve a 1.50 average for the spring semester.

At the end of the sophomore year a student is subject to suspension if
(a) he has a cumulative average less than 1.75, or
(b) he has been on scholastic probation for two semesters and failed to remove his probation at the end of the sophomore year, or
(c) it appears evident that he will be unable to meet graduation requirements at Harding College.

At the end of the junior year a student is subject to suspension if
(a) he has less than a 1.90 cumulative average, or
(b) he has been on scholastic probation for two semesters or more and failed to remove this probation at the end of his junior year, or
(c) it appears evident that he will be unable to meet graduation requirements at Harding College.

The probation policy applies to the regular school session. Probation is normally removed only at the end of a semester, but never at mid-semester. Summer school study, however, may be accepted in removing probation, provided the summer school program has been approved in advance by the Academic Retention Committee.

A student who has been suspended will normally be required to drop out for at least a full semester. He may be permitted, however, to attend the summer session, and if he achieves an adequate record on a program of summer work approved in advance by the Academic Retention Committee, he may be accepted for readmission for the fall semester.

A student who has been suspended must make application to the Academic Retention Committee for readmission, giving evidence that he will be able to do satisfactory academic work if readmitted. In general, the second suspension will be permanent.

A student on scholastic probation will be limited to not more than the normal load. When a student is on scholastic probation, he is not eligible to represent the college in any extracurricular activity, such as intercollegiate athletics, chorus, debate, band, dramatic productions, and student publications. Mid-semester grades are not used to establish eligibility. Representing the college includes a public performance or a trip in behalf of the activity but does not include regular meetings of the activity.

The college will attempt to notify both the student and his parents regarding the student's scholarship deficiency. The student, however, is at all times personally responsible for maintaining proper academic standards.

REPEAT COURSES: A student may repeat any course which he has previously taken; however, repeating a course voids previous credit in the course and the grade received when the course is repeated becomes the official grade for the course.

AMOUNT OF WORK: The normal course load is 16 hours per semester. Many first semester freshmen, however, will find it advisable to limit their load to 14 or 15 hours. Students who work for part of their expenses may be restricted in the amount of course work to be carried if, in the judgment of the Dean, the student is attempting to undertake more than he can satisfactorily do.

Sophomores whose scholarship level for the semester immediately preceding is 3.00 may carry 18 hours of credit. Juniors and seniors whose scholarship level for the semester preceding is 3.00 may carry 19 hours of credit. The Dean of the College may permit students to vary one hour from this schedule, but under no circumstances will a student be permitted to enroll in more than 20 hours per semester. The maximum credit that can be earned during the supervised teaching semester normally is 17 hours, but the Dean may permit 18 hours when circumstances justify.

TRANSFER CREDIT: In order for credit to transfer back to Harding College for a student taking work elsewhere during the summer or some semester as a transient student, a grade of "C" or higher must be achieved in the course. Transfer credit will count as upper-level credit *only* if the course has a junior-senior status at the institution where taken. Credit earned at a two-year college after a student has 68 semester hours will not be accepted for transfer *except for Bible majors* who take the third year Bible program at approved junior colleges. All work transferred from a junior college is considered lower-level credit *except for 300-level Bible courses* taken in the third year by Bible majors in approved third-year programs.

ADVANCED PLACEMENT CREDIT: Harding College will grant college credit for courses successfully completed in the Advanced Placement Program of the College Entrance Examination Board by an entering freshman while he was in high school. For scores of 5,4, and 3 the semester hours of credit permitted will be that allowed for the corresponding freshman course or sequence of courses at Harding, but no grade will be assigned. Students earning advanced placement credit may take as freshmen sophomore-level courses in the academic area in which the credit was earned.

CLEP CREDIT: A maximum of 30 semester hours may be earned on the basis of scores achieved on the College-Level Examination Program (CLEP) of Educational Testing Service, but no grade will be assigned and the CLEP examinations must be taken before the student has earned 68 hours of credit. Generally, recent high school graduates will not be concerned about CLEP examinations unless they rank at the 85th percentile or higher on national norms on such tests as ACT, SAT, or the National Merit Scholarship Qualifying Test. The CLEP examinations will normally be administered by the Director of Institutional Testing of the College. College credit in two courses will be granted to a student scoring at the 50th percentile or higher on National Sophomore Norms in subjects in the General Examinations provided the student has not already earned credit in the course or is not already enrolled for the course at the time the

test is administered. Similarly, college credit in one course will be granted to a student scoring between the 35th and 49th percentile.

Credit may also be earned on certain CLEP Subject Examinations by achieving a score at the 50th percentile or higher on national norms. Any interested student should check with the Dean of the College for additional information. CLEP credit does apply toward advancing the classification of a student.

A student who has failed a course, either in regular attendance or by examination, is not eligible to seek CLEP credit in that couse. In addition to paying the fee charged by Educational Testing Service for taking any CLEP examination, the student, if he qualifies for credit, will pay an additional fee of $10 for *each course* recorded for credit by the registrar.

EXEMPTION TESTS: A student who has achieved in his high school program or by independent study the proficiency expected in a general education course may in most general education courses exempt the specific course requirement by satisfactorily passing a comprehensive examination or series of tests over the course; however, no hours of credit are received. The candidate is charged a fee of $5 per course for exemption tests.

CREDIT BY EXAMINATION: To encourage independent achievement any regularly enrolled student with a minimum cumulative grade point average of 3.00 may be permitted credit by comprehensive examination in courses in which he believes he has acquired by self-study or experience the understanding normally gained through course work. Beginning freshmen whose high school records and entrance examinations would seem to warrant may receive credit by examination for courses which would largely duplicate work completed in high school.

Application for such examinations must be made upon a form supplied by the Registrar's Office and must have the approval of the instructor in the course, the department chairman, and the Dean of the College.

The type of examination to be given is determined by a departmental committee. The candidate for an examination for credit is charged a fee of $5 upon application and pays the regular tuition for the course when credit is granted. A grade of "C" or higher must be achieved to receive credit by examination. A student who has failed a course, either in regular attendance or by examination, may not reapply for credit by examination in that course.

A maximum of 32 hours of work completed by examination, correspondence, CLEP, and extension combined may be offered in fulfillment of the requirements for the Bachelor's degree.

CORRESPONDENCE CREDIT: A maximum of 18 semester hours of correspondence credit may be counted toward a baccalaureate degree. Not more than 12 consecutive hours of such credit may be submitted, however, until 6 hours of additional residence work has been completed. If correspondence work is permitted while a student is in residence, the hours of credit carried by correspondence

will be included in determining the maximum load permitted per semester.

All correspondence courses that are to apply toward graduation must be approved in advance by the Dean of the College and must be taken from a college or university that is a member of the National University Extension Association. A minimum grade of "C" must be achieved for the credit to transfer. A course that has been previously failed by a student will not be approved for correspondence study.

Degrees granted by Harding College at its main campus in Searcy are the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Medical Technology, and Master of Arts in Teaching. Cooperative programs for the Bachelor of Science in Medical Technology exist with Baptist Hospital and St. Vincent Hospital in Little Rock. At the Harding Graduate School of Religion in Memphis, Tennessee, are conferred the Master of Arts in Bible and Religion and the Master of Theology.

Requirements for the Master of Arts in Teaching are listed in the section on Graduate Studies in this catalog.

Requirements for the Master of Arts in Bible and Religion and the Master of Theology are contained in the Bulletin of the Graduate School of Religion which may be had upon request from the School at 1000 Cherry Road, Memphis, Tennessee 38117.

STATUTES OF LIMITATION: The terms of graduation outlined in the catalog under which a student enrolls at Harding may be withdrawn or superceded by later requirements if the student is not graduated within four years of the time he would normally be graduated.

At least two weeks prior to the spring commencement and at least one week prior to the summer commencement, for a senior who is a candidate for graduation at the given commencement, all grades in independent study courses, correspondence courses, credit by examination, and exemption examinations must be reported to the Registrar for graduation to proceed as planned.

A Bachelor's degree requires the completion of 128 semester hours of work, at least 32 of which must be in residence at Harding College. In addition, at least 24 of the last 32 hours required for graduation must be completed in residence at Harding College, except for students who are entering certain professional fields, as explained in a subsequent paragraph. If a student lacks not more than 8 hours of the amount required for graduation and is not on academic probation, these hours may be taken at another accredited four-year institution if prior approval is obtained from the Dean of the College.

A grade of "C" or higher must be achieved in a course taken elsewhere as a transient student for credit to transfer.

Students taking work at the residence center in Memphis, Tennessee, must also complete at least 18 hours on the Searcy campus.

For students pursuing certain professional programs of study that are highly academic in nature, the following provisions have been approved: At least 32 of the last 40 semester hours immediately preceding entry into the approved professional school, including at least 12 upper-level hours in the area of the major, must be completed at Harding with a minimum 2.00 average. At least 96 semester hours of liberal arts study must be completed prior to entry into the professional program, all other specific graduation requirements must be satisfied, and the first two years in the professional school must be successfully completed. If the professional program normally requires less than two years, the entire program must be satisfactorily completed.

For some programs, passing the professional certifying examination may be required. Each student planning a professional degree program should obtain a written statement of approval from the Dean of Harding College prior to beginning the professional program.

The candidate for a degree must have an average scholarship level of 2.00 in his major field. He must also have a minimum cumulative average of 2.00 in all work at Harding College presented for graduation and an average scholarship level of not less than 2.00 in all work in his major field taken at Harding College.

The candidate for a degree must also complete 45 hours in advanced-level courses. Courses at Harding College numbered 250-499 taken by second-semester sophomores and by juniors and seniors count as advanced credit. First-semester sophomores may receive advanced credit in these courses provided they are preceded by a year of freshman credit in the same subject. Transfer credit *carrying junior-senior level status at the institution where taken* counts as advanced credit, normally 300-level and 400-level courses at a senior college or university.

Transfer students must complete at Harding College at least 9 advanced level hours in their major field, except for Bible majors, who must complete at least 12 hours as outlined on page 95.

In addition to achieving a satisfactory scholastic record the candidate for any degree must be of good moral character. A student must have faculty approval to attain senior status and to become a degree candidate. During the first semester of his senior year a student must present to the Registrar a formal application for graduation. A student must also satisfy the Junior English Proficiency requirement, take the Graduate Record Examinations (for a student who completes the teacher education program the National Teachers Examinations and the Aptitude Test of the Graduate Record Examinations are the requirement), and register with the Placement Office before he becomes a candidate for graduation. Specific requirements for each departmental major are outlined preceding the description of courses for the department. Unless otherwise stated, the degree conferred upon the completion of the curriculum of any department is the Bachelor of Arts.

Curriculum is organized by division into two phases; The General Education Requirements and the Major and Minor Fields of Concentration.

The General Education Program is vital because the complex circumstances of our times require an understanding of basic principles in the areas which affect our lives most closely. The sciences give insight into the laws of life and of the physical world and suggest how these may be related to the advancement of human welfare. Literature, philosophy, and the creative arts reveal the ideas and concepts which have inspired man and helped to build our present culture. History and social science present the efforts of men to meet their basic social problems and point the way to better understandings. These disciplines, with a knowledge of one's own nature and relation to his Creator, should enable the student to arrive at wholesome attitudes toward the world in which he lives and his responsibilities to man and to God.

The General Education requirements are designed to give all students these basic understandings, to develop certain essential and fundamental skills which all should possess, and to furnish a broad foundation of knowledge for advanced level courses.

They are as follows:

I. Understanding Religious and Spiritual Values:
   *Bible 101, 112; two courses from Bible 204, 211, 212, 213 8
II. Understanding the Human and Creative Spirit:
   A. The means of communication:
      **English 103 and Speech 101 (or 103) 6
   B. The creative spirit:
      Art 101, Music 101, English 201, 202 10
III. Understanding the Living World:
   A. The world of life: Biology 111 4
   B. Health and recreation:
      ***From Physical Education 112, 113, 114, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 355, 356 4
IV. Understanding the Physical World:
   A. The language of mathematics:
      ****Mathematics 101 or a move advanced course 3
      (Mathematics 108 excluded except as indicated below.)
   B. The physical world:
      *****Physical Science 101, 102 4
V. Understanding the Social World:
   A. The historical scene:
      History 101, 111 6
   B. The economic and political scene:
      ******From Economics 201, Political Science 202 and Political Science 205 6
VI. Understanding Human Behavior:
      *******Psychology 201 3

*Students who transfer to Harding College as juniors or seniors may satisfy the minimum graduation requirement in Bible of 8 hours by taking upper-level Bible courses. The following upper-level substitutes are approved.

For Bible 101: Bible 303, 306, or 308.
For Bible 112: Bible 312, 314, 316, 318, 411, or 418.
For Bible 204: Two hours from Bible 303, 306, or 308 not taken to substitute for Bible 101.
For Bible 211, 212, or 213: Two hours from Bible 312, 314, 316, 318, 411, or 418 not taken to substitute for Bible 112. Two hours from Bible 340, 341, 342, 343, 440, or 443 will be accepted if scheduling problems occur.

**Students planning to certify to teach or to enter most professional schools of medicine, engineering, etc., and students who receive a grade of "D" in English 103 must also take English 104.

***Please note the following health and recreation provisions:

1. **All prospective teachers must take Physical Education 203** and 3 additional hours in physical education activity courses. Elementary education majors must also take Physical Education 330.

2. Veterans who have spent a year in the armed services may be given credit for 4 hours of activity and are excused from this requirement by making application to the Registrar.

****Students majoring or minoring in Office Administration or Secretarial Science may substitute Business 108 for Mathematics 101. Students majoring or minoring in Business Education may substitute Mathematics 108 for Mathematics 101. Students majoring or minoring in any area of the Department of Psychology and Sociology may substitute Psychology 260 and 325 for Mathematics 101. Mathematics 101 is required of all elementary education majors, but other majors may satisfy this requirement by achieving a score of 26 or higher on the ACT Mathematics Test. However, any student certifying to teach must have 3 hours of mathematics credit.

***** Physical Science 102 satisfied by Chemistry 111 or Physics 201.

******1. For students who transfer to Harding 6 hours of American history and 6 hours of European history or western civilization will be accepted as meeting the social science requirement for graduation.

2. **Students certifying to teach must elect Political Science 205** since 3 hours of American history and 3 hours of American government are required for certification.

3. For elementary education majors, Economics 315 will be accepted in lieu of Economics 201 or Political Science 202.

4. Majors in social work and sociology may substitute Sociology 203 for one of these courses in satisfying the general education requirements.

5. **Foreign students,** by Arkansas law, must take History 101 and Political Science 205.

******* In place of Psychology 201 all students preparing to teach should take Education 203, except vocational home economics majors who will take Home Economics 322, 323.

The General Education program is normally designed for the freshman and sophomore years. The student may be excused from any specific course requirement if he can demonstrate by a proficiency test that he already posses the knowledge to be sought in the course. Such exemption carries no credit.

Proficiency in writing

should characterize an educated person. To insure a minimum level of competency in writing, credit in English 249, English Proficiency, earned during the junior or senior year is required for graduation.

The English 249 requirement will be waived, however, for a student who

(1) Achieves a grade of "C" or higher in English 103, or equivalent, and who also achieves a minimum score of 310 on the STEP Writing Test as a sophomore or transfer student, or
(2) Achieves a grade of "B" or higher in English 103 *at Harding College*, or
(3) Passes a proficiency test in written English after reaching junior standing.

Major and minor fields

of concentration should be chosen no later than the beginning of the junior year. Students choose fields of concentration which normally consist of a departmental major of 30 to 42 semester hours. The maximum number of hours in a given department that can count toward satisfying the minimum 128 hours required for graduation is 12 hours more than the minimum required for the major. This major concentration must be supported by a minor which consists of at least 18 hours from another field. In a departmental major, 18 semester hours, and in a minor, 6 hours must be in advanced level courses.

A student may elect, however, a broad area major. In a broad area major the student must complete a minimum of 48 hours in the area, 24 of which must be in advanced level courses. A minor is not required of those who elect a broad area major.

In the case of students who have made a choice of a vocation or profession for which there is no established departmental major or broad area major, a special area of concentration may be arranged by the Dean of the College and the chairmen of the departments concerned.

In addition to the General Education courses and certain prescribed courses in the major and minor fields, other courses are selected by the student with the approval of his counselor. The prescribed courses for each major and minor field are listed with the offerings.

Majors offered

at Harding College include:

For the Bachelor of Arts degree:

Art
Bible
Biblical Languages
Biology
Business Education
Education, Elementary
Education, Kindergarten
Education, Secondary
Education, Special
Educational Media
English
French
General Business
General Science
History
Home Economics (Dietary Technology)
Home Economics (General)

Journalism
Mass Communications
Mass Media
Mathematics
Mathematics Education
Missions
Music
Music Education
Physical Education
Piano
Political Science
Psychology
Secretarial Science
Social Science
Social Work
Sociology
Spanish
Speech
Speech Therapy
Voice

For the Bachelor of Science degree:

Accounting
American Studies
Bible
Biology
Business Administration
Chemistry
Finance
General Science
Home Economics (Vocational)
Home Economics (Institutional Management and Dietetics)
Management
Mathematics
Nursing
Office Administration
Physics

For the Bachelor of Science in Medical Technology degree:

Medical Technology (In cooperation with an approved hospital)

Academic divisions are organized as follows:

I. DIVISION OF EDUCATION
- A. Department of Education
- B. Department of Physical Education, Health, and Recreation

II. DIVISION OF FINE ARTS
- A. Department of Art
- B. Department of Music

III. DIVISION OF HUMANITIES
- A. Department of English Language and Literature
- B. Department of Journalism
- C. Department of Modern Foreign Languages
- D. Department of Speech

IV. DIVISION OF NATURAL SCIENCE
- A. Department of Biological Science
- B. Department of Home Economics
- C. Department of Mathematics
- D. Department of Physical Science

V. DIVISION OF RELIGION
- A. Department of Bible, Religion and Philosophy
- B. Department of Biblical Languages

VI. DIVISION OF SOCIAL SCIENCE
- A. Department of Business and Economics
- B. Department of History and Social Science
- C. Department of Psychology
- D. Department of Sociology

Suggested programs are listed to assist students planning for various fields.

Students who have not definitely decided upon a profession or a purpose toward which to direct their education will find it advantageous to complete as rapidly as possible the prescribed work in General Education. Counselors will help to outline study programs to fit individual needs, but the following is a suggested schedule for the freshman and sophomore years.

First Year	Semester Hours	Second Year	Semester Hours
Art 101	2	*Econ. 201, Pol. Sci. 202, Pol. Sci. 205 (any two)	6
Biology 111	4	*English 201, 202	6
*English 103	3	*Math. 101 or elective	3
*History 101, 111	6	P.E. 112-130	2
*Math. 101 or elective	3	Phy. Sci. 101, 102	4
Music 101	2	Psychology 201	3
P.E. 112-130	2	Electives	6
Speech 101	3	*From Bible 204, 211, 212, 213	4
*Bible 101, 112	4		
	29		34

*These courses should be completed as listed in the freshman or sophomore years. A student who can demonstrate proficiency in a course may choose an elective instead. Many freshmen waive Mathematics 101 by achieving a score of 26 or higher on the ACT Mathematics Text.

Further explanations: For students planning to major in specific fields or pursuing certain pre-professional courses, the above program must be changed to meet the requirements of the chosen major or profession. The following pages outline a number of pre-professional curricula. Those involving the natural sciences assume that the student has adequate high school preparation in mathematics — at least a year and a half of algebra and a year of plane geometry. A student who is deficient in this preparation will need to take Mathematics 105 before taking 151 or 152. A student who has a good background in high school mathematics should take Mathematics 171 or 201 in lieu of 151, 152. Changes should not be made in these programs without the approval of the counselor.

For specific requirements a student seeking a professional degree is advised to consult with his pre-professional counselor the most recent catalog of the professional school which he wishes to attend. The counselors for the various pre-professional courses are listed on pages 199-200.

ART

The following program is suggested for students interested in the teaching of art.

First Year		Second Year	
Art 101	2	Art 200, 205	6
Art 103, 104	6	Art 210, 211	6
Bible 101, 112	4	From Bible 204, 211, 212, 213	4
Biology 111	4	Education 203	3
English 103, 104	6	English 201, 202	6
History 101, 111	6	Mathematics 101	3
Speech 101	3	P.E. 112-130	2
	31	Phy. Sci. 101, 102	4
			34

The program for the third and fourth years will be outlined by the chairman of the department.

The following program is suggested for students interested in interior design.

First Year		Second Year	
Art 103, 104	6	Art 200, 205	6
Art 117	3	Art 210	3
Bible 101, 112	4	Art 249, 250	6
Biology 111	4	From Bible 204, 211, 212, 213	4
English 103	3	English 201, 202	6
History 101, 111	6	P.E. 112-130	2
Mathematics 101	3	Phy. Sci. 101, 102	4
Speech 101	3	Psychology 201	3
	32		34

The program for the third and fourth years will be outlined by the chairman of the department.

For students certifying to teach art, Art 211 and Education 420 and 461 must be included in the program.

BIBLE

The following program is suggested for all Bible majors in the freshman year.

Art 101	2
Bible 101, 112	4
*English 103-104	6
**Greek 101-102	8
History 101 or 111	3
Music 101	2
P.E. 112-130	2
Speech 101	3
	30

*English 104 is required if the grade in English 103 is below "C"; otherwise, Journalism 310 may be elected later in lieu of English 104.

**Students with low scores on the ACT English Usage Test are advised to defer Greek 101-102 to the sophomore year and to take both History 101 and 111 and Mathematics 101 in the freshman year. Majors in Missions may elect a modern foreign language in place of Greek.

The following programs are outlined for the last three years.

A. For the Bachelor of Science degree in Bible:

Second Year		Third Year	
Biology 111	4	Bible 318	2
Mathematics 101	3	Bible 342	2
Phy. Sci. 101, 102	4	Bible 441 or 442	2
English 201-202	6	Textual electives	8
History 101 or 111	3	Historical-Doctrinal electives	8
Bible 220	3	Church Life electives	6
Textual elective	3	Journalism 310	2
Pol. Sci. 202, 205; Economics 201	3	Pol. Sci. 202, 205; Economics 201	3
Psychology 201	3	P.E. 112-130	2
	32		35

Fourth Year	
Bible 302	3
Preaching electives	12
Church Life electives	6
History 430	3
Speech 341	3
Non-Bible electives	7
	34

B. For the Bachelor of Arts degree in Bible:

Second Year		Third Year	
Biology 111	4	Textual electives	7
Mathematics 101	3	Preaching electives	4
Phy. Sci. 101, 102	4	Pol. Sci. 202, 205; Economics 201	3
English 201-202	6	P. E. 112-130	2
History 101 or 111	3	Minor and electives	17
Bible 220, 320	5		33
Pol. Sci. 202, 205 Economics 201	3		
Psychology 201	3		
	31		

Fourth Year	
Bible 420 or 421	2
Church Life electives	6
Historical-Dortrinal electives	6
Speech 341	3
Minor and electives	17
	34

C. For the Bachelor of Arts degree in Missions:

Second Year		Third Year	
Bible 220	3	Bible 320	3
Missions elective	3	Textual electives	8
Biology 111	4	Church Life electives	6
Mathematics 101	3	Missions electives	6
Phy. Sci. 101, 102	4	P. E. 112-130	2
English 201, 202	6	Philosophy elective	3
History 101 or 111	3	Pol. Sci. 202, 205; Economics 201	3
Pol. Sci. 202, 205; Economics 201	3	Speech 341	3
Psychology 201	3		34
	32		

Fourth Year	
Textual electives	7
Historical-Doctrinal electives	9
Missions electives	6
Non-Bible electives	7
Sociology 320	3
	32

BUSINESS

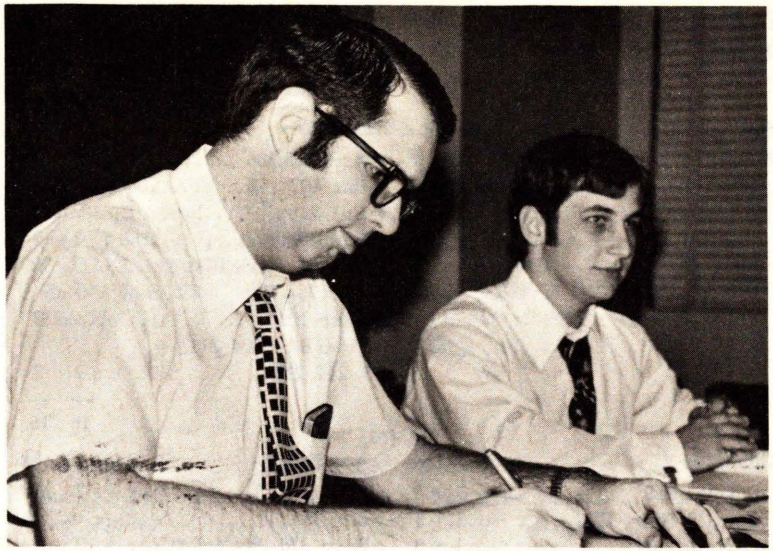
ACCOUNTING (B.S.): For those majoring in accounting the following program is outlined.

*First Year	F.	Sp.	Second Year	F.	Sp.
Acct. 205-206	3	3	Acct. 301-302	3	3
Biology 111	4		Econ. 201-202	3	3
Eng. 103, Bus. 117	3	2	Eng. 201, 202	3	3
Hist. 101, 111	3	3	Phy. Sci. 101, 102	2	2
**Math. 151		4	Pol. Sci. 202 or 205	3	
P. E. 112-130		1	Speech 101		3
Bible 101, 112	2	2	P. E. 112-130	1	1
	15	15	From Bible 204, 211, 212, 213	2	2
				17	17

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Acct. 355-356	3	3	Acct. 306-307	3	3
Art 101, Music 101	2	2	Acct. 401-402	3	3
Bus 315, 316	3	3	Econ. 330, Bus. 350	3	3
Fin. 322, Psy. 201	3	3	Mgt. 368, Acct. 405	3	3
Fin. 343, Bus. 255	3	3	P. E. 112-130, Bus. 260	1	3
Bible	2	2	Bible	2	2
	16	16		15	17

*Business 105 or equivalent ability is a prerequisite to Business 350 and should be taken as a freshman if needed.

**Students not adequately prepared to take Mathematics 151 in the spring should take Mathematics 105 in the fall and postpone History 101.



BUSINESS ADMINISTRATION (B.S.): For those majoring in business administration the following program is outlined.

*First Year	F.	Sp.	Second Year	F.	Sp.
Biol. 111, Art 101	4	2	Acct. 205-206	3	3
Eng. 103, Phy. Sci. 101	3	2	Econ. 201-202	3	3
Hist. 101, 111	3	3	Eng. 201, 202	3	3
**Math. 151		4	Music 101, Phy. Sci. 102	2	2
P. E. 112-130		1	P. E. 112-130		1
Speech 101, Bus. 117	3	2	Pol. Sci. 202 or 205		3
Bible 101, 112	2	2	Psy. 201	3	
	15	16	From Bible 204, 211, 212, 213	2	2
				16	17

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Acct. 301-302	3	3	Acct. 306, Mgt. 430	3	3
Bus. 315-316	3	3	Econ. 330	3	
Bus. 255, 350	3	3	Fin. 322	3	
Bus. 260	3		Mgt. 368	3	
Fin. 343, Mgt. 254	3	3	P. E. 112-130		1
P. E. 112-130		1	***Electives	3	9
Bible	2	2	Bible	2	2
	17	15		17	15

*Business 105 or equivalent ability is a prerequisite to Business 350.

**Students not adequately prepared to take Mathematics 151 in the spring should take Mathematics 105 in the fall and postpone Speech 101.

*** 9 hours must be elected from the Department of Business and Economics if Business 105, 117 were not taken earlier.

BUSINESS EDUCATION (B.A.): Students preparing to teach business should follow one of the two programs outlined below.

A. For certification to teach general business and secretarial subjects (Plan I):

First Year	F.	Sp.
*Bus. 106-107	2	2
Bus. 117	2	
Eng. 103-104	3	3
Hist. 101, 111	3	3
Math. 108		3
Biol. 111, Speech 101	4	3
Bible 101, 112	2	2
	16	16

Second Year	F.	Sp.
Acct. 205-206	3	3
Bus. 102, 252	3	3
**Bus. 218	2	
Eng. 201, 202	3	3
Art 101, Music 101	2	2
P. E. 112-130	1	
Educ. 203		3
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Bus. 317, 350	3	3
Bus. 315, Econ. 320	3	3
Econ. 201-202	3	3
Educ. 307, 336	3	3
P. E. 112-130	1	1
Phy. Sci. 101, Bus. 421	2	2
Bible	2	2
	17	17

Fourth Year	F.	Sp.
Bus. 422, 251	2	3
Bus. 451	6	
Educ. 320, Phy. Sci. 102	2	2
Educ. 417, P. E. 203	3	3
Educ. 450, Pol. Sci. 205	1	3
Elective (u-l)		3
Bible		2
	14	16

B. For certification to teach general business, bookkeeping, and economics (Plan II):

First Year	F.	Sp.
*Bus. 105-106	2	2
Bus. 117	2	
Eng. 103-104	3	3
Hist. 101, 111	3	3
Math 108		3
Biol. 111, Speech 101	4	3
Bible 101, 112	2	2
	16	16

Second Year	F.	Sp.
Acct. 205-206	3	3
Econ. 201-202	3	3
Eng. 201, 202	3	3
P. E. 112-130	1	
Phy. Sci. 101, Educ. 203	2	3
Art 101, Music 101	2	2
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Bus. 315, 316	3	3
Bus. 350, Econ. 320	3	3
Bus. elective (u-l)	3	3
Educ. 307, 336	3	3
P. E. 112-130		1
Pol. Sci. 205 Phy. Sci. 102	3	2
Bible	2	2
	17	17

Fourth Year	F.	Sp.
Bus. 422, 421	1	2
Bus. 451		6
Bus. elective (u-l)	3	
P. E. 203, Educ. 320	3	2
Educ. 417		3
P. E. 112-130, Educ. 450	1	1
Elective	6	
Bible	2	
	16	14

*Business 106 may be omitted if previous training satisfies.
**Prerequisite to Business 251 unless previous training satisfies.

FINANCE (B.S.): The following program is outlined for finance majors. The first and second years are the same as for business administration majors.

1974-75

Third Year	F.	Sp.
Acct. 301-302	3	3
Bus. 315, 316	3	3
Fin. 322, 345	3	3
Fin. 323, Elective	3	3
Fin. 343, Bus. 255	3	3
Bible	2	2
	17	17

Fourth Year	F.	Sp.
Bus. 260, Econ. 330	3	3
Fin. 343, 345	3	3
Fin. 323	3	
Bus. 255, 350	3	3
Mgt. 368, P. E. 112-130	3	1
Elective		3
Bible	2	2
	17	15

1975-76

Third Year	F.	Sp.
Acct. 301-302	3	3
Acct. 306-307	3	3
Bus. 315, 316	3	3
Fin. 322, 352	3	3
P. E. 112-130, Acct. 360	1	3
Bible	2	2
	15	17

Fourth Year	F.	Sp.
Bus. 260, Econ. 330	3	3
Bus. 350, Acct. 360	3	3
Elective	3	3
Mgt. 368, Fin. 352	3	3
P. E. 112-130	1	1
Bible	2	2
	15	15

MANAGEMENT (B.S.): The following program is outlined for management majors. The first and second years are the same as for business administration majors.

1974-75

Third Year	F.	Sp.
Bus. 255, 260	3	3
Bus. 315, 316	3	3
P. E. 112-130, Econ. 330	1	3
Mgt. 332, 333	3	3
Mgt. 368, 370	3	3
Bible	2	2
	15	17

Fourth Year	F.	Sp.
Bus. 350, P. E. 112-130	3	1
Fin. 343, Mgt. 370	3	3
Mgt. 332, 333	3	3
Mgt. 430		3
***Electives	6	3
Bible	2	2
	17	15

1975-76

Third Year	F.	Sp.
Bus. 255, Acct. 360	3	3
Bus. 260, Econ. 330	3	3
Bus. 315, 316	3	3
Fin. 322, Mgt. 254	3	3
Mgt. 368, P. E. 112-130	3	1
Bible	2	2
	17	15

Fourth Year	F.	Sp.
Acct. 360		3
Bus. 350, P. E. 112-130	3	1
Fin. 322, Mgt. 254	3	3
Fin. 343, Mgt. 430	3	3
***Electives	6	3
Bible	2	2
	17	15

***6 hours must be from the Department of Business and Economics if Business 105, 117 were not taken earlier.

OFFICE ADMINISTRATION (B.S.): The following program is outlined for office administration majors.

First Year	F.	Spr.
Biol. 111, Art 101	4	2
Eng. 103, Phy. Sci. 101	3	2
*Bus. 107		2
Bus. 108, Speech 101	3	3
Hist. 101, 111	3	3
P. E. 112-130		1
Bible 101, 112	2	2
	15	15

Second Year	F.	Sp.
**Bus. 102, 252	3	3
Econ. 201, 202	3	3
Eng. 201, 202	3	3
Music 101, Bus. 117	2	2
P. E. 112-130		1
Pol. Sci. 202 or 205		3
Psy. 201	3	
From Bible 204, 211, 212, 213	2	2
	16	17

Third Year	F.	Sp.
Acct. 205-206	3	3
Bus. 315, 350	3	3
Bus. 320		3
Mgt. 368, Bus. 251	3	3
Electives	3	2
Phy. Sci. 102	2	
Bible	2	2
	16	16

Fourth Year	F.	Sp.
Bus. 350, 317	3	3
***Business Elective	3	3
P. E. 112-130	1	1
****Electives	8	7
Bible	2	2
	17	16

*Business 106 or equivalent ability is a prerequisite.
**Business 101 or equivalent ability is a prerequisite to Business 102.
***At least 3 hours must be advanced credit.
****At least 11 hours must be advanced credit.

SECRETARIAL SCIENCE: Students interested in clerical, secretarial or office supervisory positions may elect one of the one-year or two-year programs outlined below, or a degree program planned by the counselor.

One-Year Terminal Program

A. For students with no prior training in secretarial science:

Fall	Semester Hours
Business 101	3
Business 105	2
Business 117	2
Business 218	2
English 103	3
Bible 112	2
	14

Spring	Semester Hours
Business 102	3
Business 106	2
Business 108	3
Economics 201	3
History 101	3
Bible 101	2
	16

B. For those with prior training in shorthand and typewriting:

Fall	Semester Hours
*Business 102	3
Business 106 or 107	2
Business 117	2
Business 218	2
English 103	3
Bible 112	2
	14

Spring	Semester Hours
*Business 107	3
Business 108	3
Business 251	3
Business 252	3
History 101	3
Bible 101	2
	16

*If student already has the background to take Business 252 in the spring he may take an elective in the place of Business 102 in the fall. If Business 107 is taken in the fall semester, the student may take an elective in its place in the spring semester.

C. For those with no prior training who prefer a general business course.

Fall	Semester Hours
Business 105	2
Economics 201	3
Business 117	2
English 103	3
History 101	3
Bible 112	2
	15

Spring	Semester Hours
Business 106	2
Business 218	2
Business 108	3
English 104	3
Elective	3
Bible 101	2
	15

Two-Year Terminal Program

A. For those with no prior training in secretarial science.

First Year	F.	Sp.
Bus. 101, 102	3	3
Bus. 105, 106	2	2
Bus. 108, 117	3	2
Eng. 103, 104	3	3
Hist. 101 or 111, P.E. 112-130	3	1
Bible 112, Elective	2	3
Bible		2
	16	16

Second Year	F.	Sp.
Acct. 205, Bus. 251	3	3
Bus. 107, 252	2	3
Bus. 218, 315	2	3
Bus. 350, Econ. 320	3	3
Econ. 201, Elective	3	2
P.E. 112-130	1	
Bible 204, 211, 212, 213	2	2
	16	16

B. For those with prior training in secretarial science.

First Year	F.	Sp.
Bus. 106, 102	2	3
Bus. 218, 107	2	2
Math. 101, Bus. 117	3	2
Eng. 103, 104	3	3
Hist. 101 or 111, Elective	3	3
P. E. 112-130, P.E. 112-130	1	1
Bible 112, 101	2	2
	16	16

Second Year	F.	Sp.
Acct. 205, 251		
Bus. 315, 252	3	3
Bus. 350, Econ. 320	3	3
Econ. 201, Art or Music 101	3	2
Elective, Elective	2	3
Bible 204, 211, 212, 213	2	2
	16	16

EDUCATION

ELEMENTARY EDUCATION: For those majoring in elementary education the following is the suggested program.

First Year	F.	Sp.
Art 101 or Music 101		2
Biology 111		4
English 103-104	3	3
History 101, 111	3	3
Math. 101	3	
P. E. 112-130	1	1
Speech 101	3	
Bible 101, 112	2	2
	15	15

Second Year	F.	Sp.
Art 101 or Music 101	2	
Educ. 203, Art 211	3	3
English 201, 202	3	3
Geog. 212, Music 116	3	3
P.E. 112-130	1	
P. E. 203		3
Phy. Sci. 101, 102	2	2
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Biology 308	3	
Economics 315	3	
Education 307, 336	3	3
Educ. 320	2	
Educ. 360	3	
English 350		3
Math. 225		3
P. E. 330		3
Speech 315		3
Bible	2	2
	16	17

Fourth Year

The directed teaching block consists of the following courses:

Education 401, 402, 403, 417, 441. This block may be taken either in the fall or the spring semester.

During the other semester the student must complete 2 hours in Bible; Political Science 205; Education 302; and 11 hours in elective courses.

SECONDARY EDUCATION: Students planning to teach at the secondary level are strongly urged to major in a subject-matter field and to take the professional education requirements for certification; however, the following program is arranged for those who may choose to major in secondary education.

First Year	F.	Sp.
Art 101, Music 101	2	2
Biology 111		4
English 103-104	3	3
History 101, 111	3	3
Math. 101	3	
P. E. 112-130		1
Speech 101	3	
Bible 101, 112	2	2
	16	15

Second Year	F.	Sp.
Econ. 201, or Pol. Sci. 202	3	
Education 203	3	
English 201, 202	3	3
P. E. 203		3
Phy. Sci. 101, 102	2	2
Pol. Sci. 205		3
Electives:		
Two teaching fields	3	3
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	
Educ. 307, 336	6
*Electives from Educ. 275, 325, 351, 380, 400, 413	3
P. E. 112-130	2
Electives:	
Two teaching fields	18
Bible	4
	33

*The above program is for education majors only. Those majoring in subject matter fields, except home economics, need only 24 hours including Psychology 203; Education 307, 320, 336, 417, one course from 420-430, 450, 451. For home economics, see the vocational home economics schedule following.

Fourth Year

The directed teaching block consists of the following courses:

Education 320, 417, one course from 420-430**, 450, 451.

This block may be taken either in the fall or the spring semester. During the other semester the student must complete 2 hours in Bible and 15 hours in elective courses.

**Most of these courses are offered only in the spring semester, and students doing supervised teaching during the fall semester must alter their schedules accordingly.

SPECIAL EDUCATION — MENTAL RETARDATION: For those majoring in special education with a mental retardation emphasis, the following is the suggested program.

First Year	F.	Sp.
Art 101 or Music 101		2
Biology 111		4
English 103-104	3	3
History 101, 111	3	3
Math. 101	3	
P. E. 112-130	1	1
Speech 101	3	
Bible 101, 112	2	2
	15	15

Second Year	F.	Sp.
Music 101 or Art 101	2	
Art 211, Educ. 203	3	3
English 201, 202	3	3
Geog. 212, Music 116	3	3
P.E. 112-130	1	
P.E. 203		3
Phy. Sci. 101, 102	2	2
Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Biol. 308, Educ. 406 or 407	3	3
Econ. 315, Psy. 400 or 410	3	3
Educ. 302, 320	2	2
Educ. 336, 360	3	3
Speech 250, Math. 225	3	3
Elective	1	1
Bible	2	2
	17	17

Fourth Year

The directed teaching block consists of the following courses:

Education 401, 402, 403, 405, 471.

This block will be taken during the fall semester. During the spring semester the student must schedule Education 407 or 406, English 350, Physical Education 330, Political Science 205, Psychology 410 or 400, and 2 hours of Bible.

SPECIAL EDUCATION — SPECIFIC LEARNING DISABILITIES: Students majoring in special education with a specific learning disabilities emphasis will follow the program outlined above *except* Education 409 will replace 405, Education 408 will replace 406, and Education 475 will replace 471. Students desiring certification in both areas of special education must complete all six courses.

HOME ECONOMICS

GENERAL HOME ECONOMICS (B.A.): The following program prepares the student for homemaking, demonstration, and sales work in foods and home equipment.

First Year	F.	Sp.
Art 117	3	
English 103	3	
History 101, 111	3	3
Home Ec. 102, 101	3	3
Math. 101		3
P. E. 112-130	1	1
Speech 101		3
Bible 101, 112	2	2
	15	15

Second Year	F.	Sp.
Art 101, Music 101	2	2
Biology 111		4
Econ. 201, Pol. Sci. 202, Pol. Sci. 205 (any two)	3	3
English 201, 202	3	3
Home Ec. 203, 201	3	3
Psychology 201	3	
From Bible 204, 211, 212, 213	2	2
	16	17

Third Year	F.	Sp.
Home Ec. 214		2
Home Ec. 331 or 433		3
Home Ec. 322 or 323	3 or 3	
Home Ec. (electives)	3 or 3	
P. E. 112-130	1	1
Phy. Sci. 101, 102	2	2
Electives	5	6
Bible	2	2
	16	16

Fourth Year	F.	Sp.
Home Ec. 391, 402	3	3
Home Ec. 405		3
Electives	12	8
Bible	2	2
	17	16

INSTITUTIONAL MANAGEMENT AND DIETETICS (B.S.):

The following program prepares the student for positions in institutional management, dietetics, and related fields. This four-year plan will meet the requirements of the American Dietetics Association (Emphasis I, Concentration A) for food service management and therapeutic and administrative dietetics.*

First Year	F.	Sp.
Art 101		2
English 103	3	
History 101, 111	3	3
Home Ec. 102	3	
Home Ec. 214		2
Math. 105		3
Music 101		2
P. E. 112-130	1	1
Speech 101		3
Bible 101, 112	2	2
	15	15

Second Year	F.	Sp.
Chem. 111, 115	4	4
Econ. 201	3	
English 201, 202	3	3
Home Ec. 201		3
P. E. 112-130	1	1
Pol. Sci. 202 or 205	3	
Psychology 201		3
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Acct. 205, Elective	3	3
Chem. 271, 324	4	3
Educ. 307 or H. Ec. 433	3	
Home Ec. 331	3	
Home Ec. 332 or 431		3
Home Ec. 435 or 436		3
Phy. Sci. 101		2
Sociology 301, Bible	3	2
	16	16

Fourth Year	F.	Sp.
Biology 271, 275	4	4
Home Ec. 391, 402	3	3
Home Ec. 431 or 332		3
Home Ec. 433 or Ed. 307	3	
Home Ec. 435 or 436		3
Management 368	3	
Electives	2	2
Bible	2	2
	17	17

*Those who may wish to prepare specifically for business administration in dietetics or for research and experimental foods should consult the chairman of the department for any necessary variations from the program outlined here.

VOCATIONAL HOME ECONOMICS (B.S.): The following program is arranged for those preparing to teach vocational home economics or to become extension home economists.

First Year	F.	Sp.
Art 117	3	
English 103-104	3	3
History 101		3
Home Ec. 101, 102	3	3
Math. 105	3	
Music 101		2
P. E. 112-130	1	
Speech 101		3
Bible 101, 112	2	2
	15	16

Second Year	F.	Sp.
Chem. 111, 115	4	4
Pol. Sci. 205	3	
History 111		3
English 201, 202	3	3
Home Ec. 203, 201	3	3
P. E. 112-130	1	1
From Bible 204, 211, 212, 213	2	2
	16	16

Third Year	F.	Sp.
Biology 271, 275	4	4
Educ. 336		3
Home Ec. 202 or 303	3	
Home Ec. 322, 323	3	3
Home Ec. 331 or 391	3	
Home Ec. elec. or 402		3
P. E. 203, Soc. 301	3	3
Bible	2	
	18	16

Fourth Year	F.	Sp.
Educ. 320, 336, 451		11
Educ. 417	3	
Educ. 424	3	
Home Ec. 391 or 331	3	
Home Ec. 402 or Elec.	3	
Home Ec. 406	3	
Home Ec. 405, 412		5
Bible	2	
	17	16

Deviations from General Education requirements for majors in vocational home economics: Biology 271, 275 are taken instead of 111; Home Economics 322, 323 replace Psychology 203; Chemistry 111, 115 replace Physical Science 102; and Sociology 301 is substituted for Political Science 202 or Economics 201. Art 101 and Physical Science 101 are waived.

Non-teaching majors for the Bachelor of Science degree in vocational home economics may omit the courses in education, Physical Education 203 and choose electives instead but must include Art 101, Home Economics 214, Physical Science 101, Psychology 201, Political Science 202 or Economics 201, and one additional hour in Physical Education 112-130, which are required for those planning to teach.

MUSIC EDUCATION

Those planning to teach music should follow for the first two years the curriculum below. The program for the junior and senior years will be outlined by the chairman of the department. Music 116 or 403 and Education 426 and 461 must be included.

First Year	Semester Hours	Second Year	Semester Hours
Biology 111	4	Art 101	2
English 103-104	6	English 201, 202	6
History 101, 111	6	Math. 101, Speech 101	6
Music 111-112	6	Music 251-252	6
Music 113-114	2	Music 253-254	2
Piano 101, 102	2	Phy. Sci. 101, 102	4
Voice 101, 102	2	Piano 201, 202	2
Bible 101, 112	4	Voice 201, 202	2
	—	From Bible 204, 211, 212, 213	4
	32		—
			34

Piano and voice majors should consult with the chairman of the department.

PHYSICS

The following program is suggested for all physics majors.

First Year	F.	Sp.	Second Year	F.	Sp.
Art 101, Music 101	2	2	English 201-202	3	3
Chemistry 111-112	4	4	History 101, 111	3	3
English 103	3		Math. 251-252	4	4
*Math. 171, 201	5	5	P. E. 112-130	1	1
Speech 101		3	Physics 211-212	4	4
Bible 101, 112	2	2	From Bible 204, 211, 212, 213	2	2
	16	16		17	17

*Students with adequate mathematics background should take Mathematics 201 in the fall and 251 in the spring.

PLAN A

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Math. 351	3		Biology 111	4	
P. E. 112-130	1		*German 101-102	3	3
Physical Science 101		2	Math. elective	3	
Physics 301, 311	3	3	P. E. 112-130		1
Physics 380 or 415	1	1	Physics 321, 421	3	3
Physics 411-412	3	3	Physics 305, 444		5
Pol. Sci. 202, 205; Economics 201		3	Pol. Sci. 202, 205; Economics 201	3	
Psychology 201	3		Elective		3
Elective		3	Bible	2	2
Bible	2	2		18	17
	16	17			

PLAN B

Third Year	F.	Sp.	Fourth Year	F.	Sp.
*German 101-102	3	3	Biology 111	4	
Math. 351	3		Math. elective	3	
P. E. 112-130	1		P. E. 112-130	1	
Physics 301, 444	3	3	Physical Science 101		2
Physics 321, 421	3	3	Physics 380 or 415, 311		4
Physics 380 or 415, 305	1	2	Physics 411-412	3	3
Psychology 201		3	Pol. Sci. 202, 205 Economics 201	3	3
Bible	2	2	Elective		3
	—	—	Bible	2	2
	16	16		—	—
				16	17

*French 101-102 may be elected instead of German 101-102.

PRE-AGRICULTURE [William F. Rushton, M.A. — Advisor]

Students planning agriculture as a vocation or profession may take one year or in certain instances two years of pre-agricultural training at Harding. The following is the suggested arrangement of courses. Each student should check the curriculum of the college of agriculture he plans to enter to determine the specific electives he should choose.

First Year	Semester Hours	Second Year	Semester Hours
Biology 111, 152	8	Biology 271, 313	7
Chem. 111, 115	8	Chem. 271	4
English 103-104	6	English 201, 202	6
History 101, 111	6	Speech 101	3
Bible 101, 112	4	*Elective	9
	—	From Bible 204, 211, 212, 213	4
	32		—
			33

*Sociology 203 is recommended for transfer to the University of Arkansas or Arkansas State University.

PRE-ARCHITECTURE (Maurice L. Lawson, M.S. — Advisor)

Students planning a career in architecture, architectural engineering, or regional and city planning should expect to spend five years to complete a degree. Those who transfer to Louisiana State University may complete the requirements for the degree in architectural engineering in two years and a summer term after finishing the following two-year course here, provided no grade of "D" is received on work to be transferred.

First Year	Semester Hours	Second Year	Semester Hours
Art 103, 104	6	Art 221-222	4
Chem. 111-112	8	History 101, 111	6
English 103, 104	6	Math. 251-252	8
Math. 171, 201	10	Physics 211-212	8
Bible 101, 112	4	Speech 101	3
	—	From Bible 204, 211, 212, 213	4
	34		—
			33

PRE-DENTISTRY (Jack Wood Sears, Ph.D. — Advisor)

Three years of college work is required for entrance to most schools of dentistry; however, preference is given to those who hold the Bachelor's degree. The pre-dental student should maintain at least a 3.00 cumulative average. Students who wish to obtain a degree before entering dental school should select as their major biological science, chemistry, or general science, and include those courses listed below. Those who wish to transfer after three years should follow the curriculum here outlined. Upon request Harding will confer a Bachelor of Science degree with a major in general science on students who complete the three-year program outlined, who successfully complete two years in an approved school of dentistry, and who satisfy the other requirements for graduation.

Students transferring to the School of Dentistry of Baylor University, the University of Tennessee, or the University of Missouri at Kansas City should complete the following courses. The student is advised to obtain in advance the admission requirements of the school of dentistry he plans to enter.

First Year	F.	Sp.
Chem. 111-112	4	4
English 103-104	3	3
History 101, 111	3	3
*Math 151, 152	4	3
P. E. 112-130	1	1
Bible 101, 112	2	2
	17	16

Second Year	F.	Sp.
Art 101 or Music 101		2
Biology 111, 152	4	4
Econ. 201	3	
English 201, 202	3	3
P. E. 112-130	1	1
Psychology 201	3	
Phy. Sci. 101		2
Speech 101		3
From Bible 204, 211, 212, 213	2	2
	16	17

Third Year	F.	Sp.
Biology 251	4	
Chem. 301-302	4	4
Music 101 or Art 101	2	
Physics 201-202	4	4
Pol. Sci. 202 or 205		3
Elective		3
Bible	2	2
	16	16

*Students inadequately prepared for Mathematics 151 must take 105 instead. Students with a strong mathematics background should take 171 or 201. Calculus is strongly recommended.

PRE-ENGINEERING (Maurice L. Lawson, M.S. — Advisor)

The standard pre-engineering course is two years followed by transfer to the engineering school. The 3-2 plan, however, permits the student to obtain a broader foundation for engineering by spending three years in liberal arts study and two years in the engineering school to receive his Bachelor's in engineering. Harding College has 3-2 plans arranged with the Colleges of Engineering of the University of Arkansas, Georgia Institute of Technology, the University of Missouri, and the Louisiana Polytechnic Institute. Upon the successful completion of an approved 3-2 plan a student may receive from Harding College a Bachelor of Science degree with a major in general science in addition to the engineering degree from his chosen college of engineering. Stanford University has a 4-2 plan by which outstanding students may complete four years in a liberal arts college, then transfer to Stanford and receive the Master of Science in engineering in two years. Those wishing to follow the 3-2 or 4-2 plan should outline their programs with the help of the pre-engineering counselor.

The following is the suggested two-year program for students who plan to transfer to the engineering school at the end of two years.

First Year	F.	Sp.
Chem. 111-112	4	4
English 103-104	3	3
History 101	3	
Math. 171, 201	5	5
Speech 101		3
Bible 101, 112	2	2
	17	17

Second Year	F.	Sp.
Art 221-222	2	2
*Econ. 201-202	3	3
Math. 251-252	4	4
P.E. 112-130	1	1
Physics 211-212	4	4
From Bible 204, 211, 212, 213	2	2
	16	16

For chemical engineering majors who wish to take the third year at Harding, the following program is suggested.

Third Year	F.	Sp.
Chem. 301-302	4	4
Chem. 411-412	4	4
Physics 301 or 421	3 or 3	
Electives	4-7	3-6
Bible	2	2
	17	16

*Chemical engineering majors should substitute Chemistry 261 for Economics 202.

PRE-LAW (Raymond Lee Muncy, Ph.D. — Advisor)

A liberal arts education is considered the best pre-legal preparation. Students are advised to elect a concentration in social science and to take as much work as possible in English composition and speech. Those who expect to enter law school after the completion of the junior year and plan ultimately to receive the Bachelor of Arts degree from Harding should consult the chairman of the Department of Social Science concerning their program of study. Upon request Harding will confer a Bachelor of Arts degree with a major in social science on students who follow a three-year program approved by the advisor and the Dean of the College, who successfully complete two years of work in an approved school of law, and who meet the other requirements for graduation.

PRE-MEDICAL TECHNOLOGY (Carroll W. Smith, Ph.D. — Advisor)

The minimum entrance requirement to approved schools of medical technology is three years of college work. Upon request Harding will confer the Bachelor of Science in Medical Technology degree on students who complete the three-year program outlined below, who successfully complete the program of work in an approved school of medical technology, and who meet the other requirements for graduation.

First Year	F.	Sp.
Chem 111-112	4	4
English 103-104	3	3
History 101, 111	3	3
Math. 151 or 152	3	
P. E. 112-130		1
Speech 101		3
Bible 101, 112	2	2
	15	16

Second Year	F.	Sp.
Art 101, Music 101	2	2
Biology 111, 152	4	4
Chem. 261	4	
English 201, 202	3	3
P.E. 112-130	1	1
Psychology 201		3
From Bible 204, 211 212, 213	2	2
	16	15

Third Year	F.	Sp.
Biology 271		4
*Biology elective	4	
*Chem. 271	4	
Econ. 201	3	
P. E. 112-130		1
Phy. Sci. 101		2
**Elective	4	4
Pol. Sci. 202 or 205		3
Bible	2	3
	17	17

*Students planning to go to the University of Arkansas School of Medical Technology should take Chemistry 301-302 instead of Chemistry 271 and a Biology elective; hence, should take Biology 271 in the fall.

**Physics 201-202 are strongly recommended. If Physics 201-202 are not elected, Biology 405, 420 are recommended.

PRE-MEDICINE (Don England, Ph.D. — Advisor)

Most schools of medicine require for admission a minimum of three years of college work with a 3.00 grade average. But preference is usually given to those holding the Bachelor's degree. Students who wish to complete the Bachelor of Science degree before transferring to medical school should choose biological science, general science, or chemistry as their major field of concentration. Upon request Harding will confer the Bachelor of Science degree with a major in general science on students who complete the three-year program outlined below, who successfully complete two years in an approved school of medicine, and who meet the other requirements for graduation.

The following courses are designed to meet the requirements of the University of Arkansas School of Medicine. With only slight modification, these courses will meet the requirements of any other school of medicine. Those planning to enter other schools should consult the pre-medical advisor for specific requirements.

First Year	F.	Sp.
Chem. 111-112	4	4
English 103-104	3	3
History 101, 111	3	3
*Math. 151, 152	4	3
P. E. 112-130		1
Bible 101, 112	2	2
	16	16

Second Year	F.	Sp.
Biology 111, 152	4	4
Chem. 261	4	
Econ. 201		3
English 201, 202	3	3
P. E. 112-130	1	1
Pol. Sci. 202 or 205	3	
Speech 101		3
From Bible 204, 211 212, 213	2	2
	17	16

Third Year	F.	Sp.
Art 101, Music 101	2	2
Biology 251 or 263	4	
Chem. 301-302	4	4
P. E. 112-130	1	
Phy. Sci. 101		2
Physics 201-202	4	4
Psychology 201		3
Bible	2	2
	17	17

*Students inadequately prepared for Mathematics 151 must take 105 instead. Students with a strong mathematics background should take 171 or 201. Calculus is required for admission by several schools of medicine.

PRE-NURSING (Ward Bryce Roberson, Ph.D. — Advisor)

Students of nursing planning to enter a collegiate school of nursing may complete one or two years of their work here, depending upon whether the school of nursing is on the 1-3 or 2-3 plan. The following curriculum is designed to meet the requirements for admission to the University of Arkansas School of Nursing, which is on the 2-3 plan.

First Year	F.	Sp.
Biology 111	4	
Chem. 111, 115	4	4
English 103-104	3	3
History 101		3
Math. 105 or 151	3	
P. E. 112-130		1
Psychology 201		3
Bible 101, 112	2	2
	16	16

Second Year	F.	Sp.
Biology 271	4	
Chem. 271	4	
History 111		3
Home Ec. 331	3	
P. E. 112-130		1
Psychology 240		3
Sociology 203, 301	3	3
*Elective		4
From Bible 204, 211, 212, 213	2	2
	16	16

*A student planning to enter the University of Arkansas School of Nursing must pass the University of Arkansas writing test or take English 3003 by correspondence from the University of Arkansas.

Students planning to enter other schools should obtain a catalog from the particular school of nursing and take it to the pre-nursing advisor for planning their programs.

PRE-OPTOMETRY (Dean B. Priest, Ph.D. — Advisor)

Schools of optometry require two years of pre-professional work for admission. The basic courses required by practically all schools include the following.

First Year	F.	Sp.	Second Year	F.	Sp.
Biology 111, 152	4	4	Biology 271		4
English 103-104	3	3	Chem. 111-112	4	4
History 101, 111	3	3	English 201, 202	3	3
*Math 151, 152	4	3	Physics 201-202	4	4
P. E. 112-130	1	1	Psychology 201	3	
Bible 101, 112	2	2	From Bible 204, 211, 212, 213	2	2
	17	16		16	17

*Students inadequately prepared for Mathematics 151 must take 105 instead.

Since the requirements vary widely among different schools of optometry, the student is advised to obtain in advance the admission requirements of the school of optometry he plans to attend.

PRE-PHARMACY (William D. Williams, Ph.D. — Advisor)

Students planning a pharmacy career may complete the two-year prepharmacy requirements at Harding. The following will meet the requirements for admission to the University of Arkansas School of Pharmacy.

Since requirements vary slightly among schools of pharmacy, the student should consult the catalog of the pharmacy school he plans to attend. Because of the heavy science load in the above curriculum, many students add an additional summer or spend three years at Harding before entering pharmacy school.

First Year	F.	Sp.	Second Year	F.	Sp.
Biology 111, 152	4	4	Chem. 261	4	
Chem. 111-112	4	4	Chem. 301-302	4	4
English 103-104	3	3	Econ. 201		3
*Math. 151, 152	4	3	History 101, 111	3	3
Bible 101, 112	2	2	Physics 201-202	4	4
	17	16	From Bible 204, 211, 212, 213	2	2
			Elective		3
				17	19

*Students inadequately prepared for Mathematics 151 must take 105 instead.

PRE-VETERINARY SCIENCE (George W. Woodruff, Ed.D. — Advisor)

This program is essentially the same as that outlined for pre-medicine. Each student should check the specific requirements of the School of Veterinary Science he plans to attend. It is recommended that a student obtain the baccalaureate degree if he intends to apply to a school of veterinary science.

PRE-PHYSICAL THERAPY (Maurice L. Lawson, M.S. — Advisor)

This program is essentially the same as the premedical program except that another semester of psychology and a year of sociology should be included. Each student should check the specific requirements of the physical therapy school he plans to attend.

SPEECH THERAPY

The following program is designed to meet Arkansas certification requirements in speech therapy and to prepare one for graduate study in speech therapy. **For certification to teach speech,** a student must take additional speech and education courses, including 6 hours of supervised teaching.

First Year	F.	Sp.	Second Year	F.	Sp.
Art 101 or Music 101		2	Biology 251, 275	4	4
Biol. 111, Math. 101 or 105	4	3	English 201, 202	3	3
English 103, 104	3	3	Art 101 or Music 101		2
History 101, 111	3	3	P.E. 203		3
P. E. 112-130	1	1	Phy. Sci. 101	2	
Speech 101, 211	3	2	Pol. Sci. 202 or Econ. 201		3
Bible 101, 112	2	2	Psy. 201	3	
	16	16	Speech 250	3	
			From Bible 204, 211, 212, 213	2	2
				16	17

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Education 307, 336	3	3	Pol. Sci. 205	3	
P. E. 112-130	1	1	Speech 401, 400	3	3
Phy. Sci. 102	2		Speech 402, 406	3	3
Psy. 260, Elec. Psy.	3	3	Speech 420		6
Speech 300, 300	1	1	Bible	2	
Speech 405	3		Elective Psy.	3	
Elective Educ.		6	Elective	3	
Bible	2	2		17	12
Elective	2	1			
	17	16			

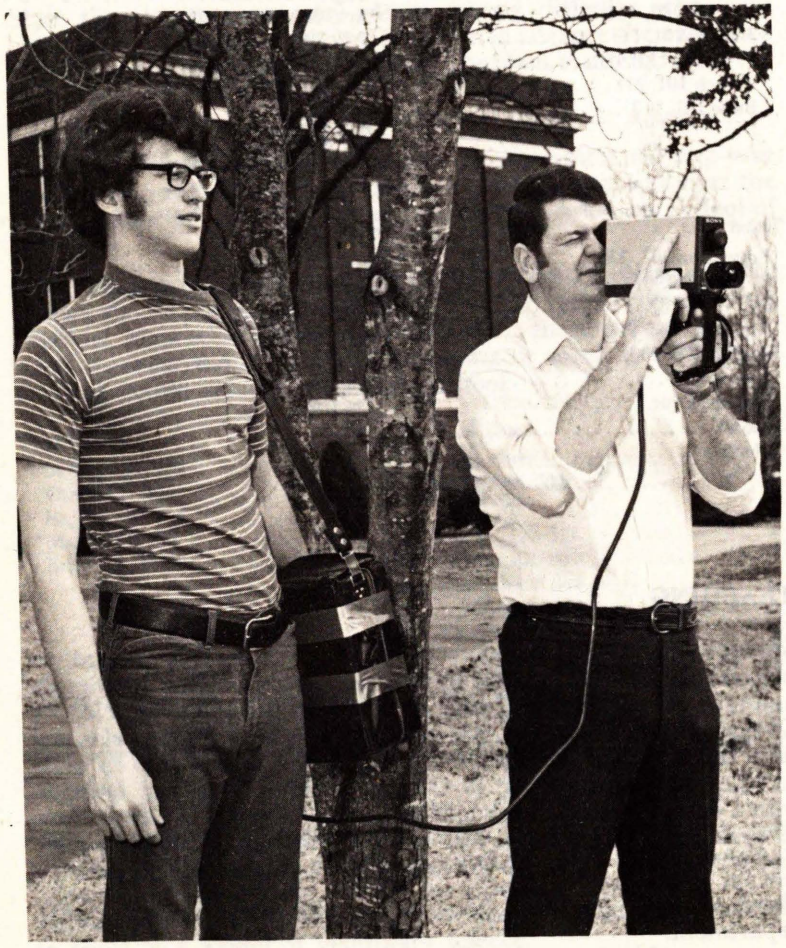
TEACHING

Students preparing to teach have three choices in regard to preparation: (1) they may major in education as outlined previously and take enough subject matter to certify in two teaching fields; or (2) they may major in their chosen subject matter teaching fields and take the specified courses in education and psychology to meet certification requirements; or (3) follow either plan just outlined with a year of graduate work leading to the degree of Master of Arts in Teaching. This graduate year is a combination of subject matter and professional work to fit the need of each teacher.

Those planning to teach home economics must major in that department.

Graduate studies at Harding College's Searcy campus lead to the Master of Arts in Teaching degree. The program is designed to give new and in-service teachers more adequate preparation for their professions. With the growing mass and complexity of information necessary for effective teaching and with the development of better techniques and materials, it has become increasingly more difficult for students to attain in a four-year undergraduate course the competencies needed in the teaching profession. Even experienced teachers frequently require further work to keep abreast of current developments and to enrich their preparation.

The graduate program at Harding meets the needs of both new and experienced teachers who recognize the personal and professional benefits to be gained from additional training in academic, cultural, and professional fields. Each student's program is designed to meet his individual needs.



The work of the graduate program is concentrated primarily in the field of teacher training. Fundamentally, it is aimed at meeting the needs of the teacher in terms of knowledge and practices, certification requirement, salary-schedule increments, and other advantages normally expected from a year of advanced study and a Master's degree. The program can be undertaken during the regular academic year or during summer sessions.

Administration of graduate study is the responsibility of the Director of Graduate Studies who serves as Chairman of the Graduate Council, which is appointed by the president of the college.

Admission to the Graduate Program is based primarily on the applicant's undergraduate record. Unconditional admission to the Graduate Program may be granted to applicants who hold the baccalaureate degree from an institution that is regionally accredited provided the applicant has a cumulative average of at least 2.50. An applicant who does not meet the requirements for the highest type of teaching certificate based on a four-year-training program will be required to complete the undergraduate courses required for such a certificate. These courses may be completed concurrently with graduate work. Provisional admission may be granted to graduates of institutions that are not regionally accredited or to applicants with a grade average below 2.50. In case an applicant is granted provisional admission, he must achieve a 3.00 average or better on the first 12 semester hours of graduate work to remain in the graduate program. Included in this first 12 hours must be at least 6 hours from the subject-matter area. Admission to graduate study does not imply admission to candidacy for the Master of Arts in Teaching degree.

A minimum score of 550 on the TOEFL (Test on English as a Foreign Language) is required for admission of students whose native language is not English *unless* the applicant holds a degree from an American college or university.

Undergraduate students in the college may register for graduate courses during their final semester's work, provided they lack not more than 8 semester hours of credit for graduation and they make formal application for admission to graduate study.

Full-time students may carry an absolute maximum of 16 hours during any semester and are not to exceed 6 hours during either summer term. Full-time teachers are limited to not more than 6 hours per semester. The minimum full-time load for graduate study is 10 hours per semester.

All work for the Master of Arts in Teaching degree should be completed within a period of five calendar years, but half credit may be given by the Graduate Council for graduate courses taken more than five years but less than eight years prior to graduation.

Students may register for graduate credit in approved 300 or 400 courses, indicated by a "G" after the course number. A minimum of 15 semester hours of the 32 required for the degree must be in courses numbered 500 or above. Eligibility to enroll in courses numbered 500 or above in any given field is restricted to those who have completed a minimum of 12 hours of undergraduate credit in that field.

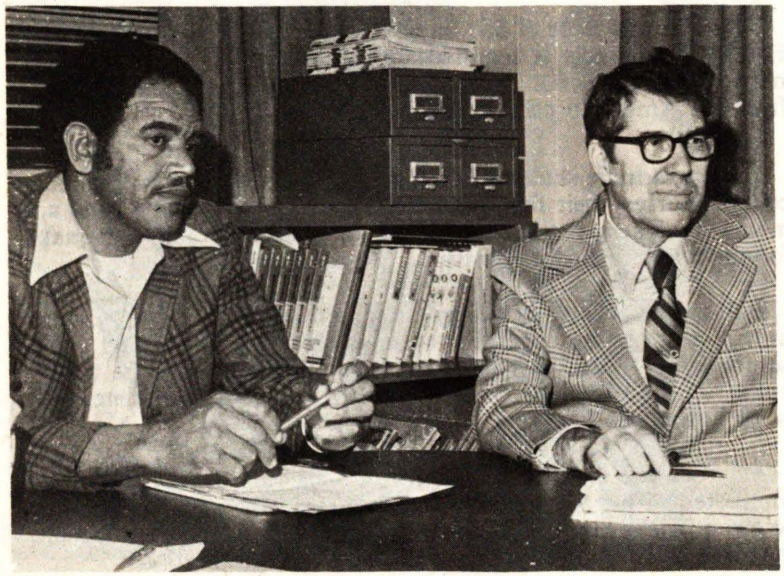
The Master of Arts in Teaching degree requires a minimum of 32 semester hours of credit in courses approved for graduate study with a minimum 3.00 average. A minimum of 26 hours of graduate study must be completed on the Harding campus. A written comprehensive examination covering the student's major and professional areas is required of all candidates for the Master of Arts in Teaching degree. An official transcript from Educational Testing Service of scores achieved on the National Teachers Examination must be on file in the Graduate Office.

Graduate curricula are available in the following major fields:

A. Elementary Education

B. Secondary Education
   a. Biblical Literature and Religion
   b. English and Humanities
   c. Home Economics
   d. Natural Sciences
   e. Physical Education
   f. Social Sciences
   g. Speech

C. Special Education



The elementary curriculum consists of the following 32-hour program:

I. Professional Courses (21 hours)
   A. Education 532, 545, 552
   B. Three courses selected from Education 410G, 411G, 502, 520, 521, 522, 530
   C. One course selected from Education 524, 527, 537, 538, 539, 543, 558

II. Academic Areas (9 hours)

III. Biblical Literature and Religion (2 hours)

IV. A minimum of 15 hours must be selected from courses number 500 or above.

The secondary curriculum consists of the following 32-hour program:

I. Professional Courses (12 hours)
   A. Education 536, 545, 552
   B. One course selected from Education 380G, 400G, 520, 532, 537, 538, 543, 554, 558

II. Fields of Academic Concentration (18 hours from not more than two areas)

III. Biblical Literature and Religion (2 hours)

IV. A minimum of 15 hours must be selected from courses number 500 and above.

The special education curriculum consists of the following 32-hour* program:

I. Professional Courses (24 hours)
   A. Education 502**, 545, 552
   B. Psychology 400G and Art 415G or Psychology 410G
   C. Education 505, 506, 507

II. Academic Area (6 hours)

III. Biblical Literature and Religion (2 hours)

IV. A minimum of 15 hours must be selected from courses numbered 500 or above.

*If not already completed in the undergraduate program, Speech 250 and Education 471 must be completed as undergraduate make-up courses.

**If Education 302 was included in the undergraduate program, the Director of Graduate Studies will substitute another course for Education 502.

Those interested in the Master of Arts in Teaching Program at Harding College should write Dr. Nyal D. Royse, Director of Graduate Studies, Harding College, Box 924, Searcy, Arkansas 72143, for a Graduate Catalog and application for admission forms.

Harding University
Office of the Provost

Part IV
Financial Information

Expenses. . . Financial Aid. . . Scholarships. . . Work. . . Loans. . .
Government Grants. . . Application for Aid

Harding University

Office of the Provost

What will college cost?

This is a most pressing question in the mind of a high school senior and his parents. Then, when the costs are known, another question: How can we afford it? This section will present educational costs in a realistic manner, together with practical methods of meeting these expenses. Harding College, a private institution without benefit of tax support, must meet its operating costs by income from the following sources: student fees, government grants, auxiliary enterprises, gifts, and endowment earnings.

The tuition fee and cost of attending Harding is moderate compared to that assessed by many colleges and universities of the same size and quality. Undergraduate expense estimates may be based on the following charges for the 1974-75 school year.

GENERAL EXPENSES: A typical boarding student taking 16 hours per semester can meet all regular expenses of tuition, fees, room, and board for $2,314.00 for the school year. A non-boarding student can meet expenses of tuition and fees for $1,379.00.

	Semester	Year
Tuition at $39.50 per semester hour	$632.00	$1,264.00
Registration Fee (activities, health, etc.)	57.50	115.00
*Meals (Pattie Cobb)	310.00	620.00
Room Rent	157.50	315.00
Total Basic Cost for Typical Student	$1,157.00	$2,314.00

*Board will be a minimum of $339.25 per semester in the American Heritage Cafeteria.

Rooms in Armstrong Hall, Pattie Cobb Hall, Cathcart Hall, Kendall Hall, and suite rooms in Graduate Hall will be $157.50 per semester.

Rooms in new air-conditioned residence halls will be $189.00 per semester.

ROOM AND BOARD: Rooms in the residence halls range from $157.50 to $256.50 per semester.

Meals in the college cafeteria in Pattie Cobb Hall are $310.00 for the semester. Board in the cafeteria in the American Heritage Center will be a minimum of $339.50 for the semester. In this cafeteria a charge will be made for each item taken, and the cost may run higher than $339.50, depending upon the food selected. In the event of any drastic increase of food costs the college reserves the right to change the price of meals without prior notice.

Married students may rent modern, completely furnished apartments on campus for $60.00 and $67.50 per month, plus utilities. Housetrailer locations are also available for a monthly rental fee of $20.00. Utility bills are paid by the occupant of the trailer.

A reservation fee of $25.00 is required to reserve an apartment or trailer space (refundable 30 days prior to occupancy date).

GRADUATE SCHOOL EXPENSES: For a summary of the tuition and fees for graduate students working toward the degree of Master of Arts in Teaching, see the Graduate Catalog. The same facilities for room and board are available for graduate students as for undergraduates and at the same rate. Expenses for graduate students in Bible and religion can be found in the Bulletin of the Graduate School of Religion, 1000 Cherry Road, Memphis, Tenn. 38117.

REGULAR TUITION AND FEES: Regular tuition is $39.50 per semester hour. The registration fee is $57.50 per semester. This fee covers such things as matriculation, library, infirmary, laboratory fees, yearbook, student newspaper, yearbook portrait, lyceum series, and athletic events.

SPECIAL TUITION AND FEES: Private instruction in piano, voice, band instruments, and speech require, in addition to the semester hour charge, a special fee as follows:

	Semester	Year
Two private lessons per week	$90.00	$180.00
One private lesson per week	50.00	100.00
Class instruction in voice and piano	25.00	50.00
Piano rental, one hour per day	10.00	20.00
Piano rental, two hours per day	15.00	30.00
Speech correction (private work)		
One hour per week	25.00	50.00
Two hours per week	50.00	100.00

OTHER SPECIAL FEES:

ACT Test fee	6.00	
Advanced Placement Credit (per course)	10.00	
Air-Conditioner in room (student's own A-C)	10.00	(15.00 for summer)
Art 212 fee	15.00	
Art 235 fee	13.00	
Art 255 fee	15.00	
Art 335 fee	15.00	
Art 340 fee	20.00	
Art 345 fee	10.00	
Art 355 fee	15.00	
Art 360 fee	20.00	
Art 365 fee	15.00	
Art 400 fee	15.00	
Art 401 fee	20.00	
Automobile registration fee	5.00	
Breakage deposits in chemistry, each course (returnable, less breakage)	10.00	
Bus. 105, 106, 107 fees	2.50	each
Bus. 117 fee	12.50	
Bus. 218 fee	2.50	
Bus. 260 fee	25.00	
Change of class, each change	3.00	
Education 320 fee	5.00	
Education 520 fee	5.00	
Fee for partial payment of account	5.00	
Graduation fee (required of all graduates whether attending graduation exercise or not)	40.00	
Key deposit	5.00	
Late registration fee (after day set for regular enrollment)	15.00	
Make-up final examination — each	3.00	
Make-up Freshman and Sophomore Tests:		
First make-up	2.50	
Second make-up	5.00	
Mathematics 215	25.00	
National Teachers Examination Test Fee	10.00	
Permit for credit by examination (per course — plus regular tuition if satisfactorily completed)	5.00	
Permit for exemption tests (per course)	5.00	
Permit for validation tests (per course)	5.00	
Physical Education 113 fee	2.00	
Physical Education 120 fee	2.00	
Physical Education 124 fee	6.00	
Physical Education 130 fee	20.00	
Physical Education 355 fee	6.00	
Physical Education 356 fee	2.00	
Physical Education 402 fee	3.00	
Placement Office Credentials (after first copy)	2.00	
Supervised teaching fee	25.00	
Trailer Connection fee	15.00	
Transcript of Academic Record	1.00	
Rush order of transcript	2.00	extra
Transcript of National Test Scores (after first copy)	1.00	
Tuition for auditing a class	19.75	per sem. hr.

PART-TIME STUDENTS: Students who wish to enroll for a specific course or for a number of courses up to and including 10 credits per semester may enroll as part-time students and pay $45.50 per semester hour rather than the regular tuition of $39.50 plus the $57.50 registration fee.

A student registering as part-time will not be entitled to any of the benefits as listed under the Registration Fee such as lyceum ticket, yearbook, college paper, athletic ticket, or health services.

DEFERRED PAYMENTS: A charge of $5.00 each semester is made for those students who wish to pay their bills by installment.

A payment of $350.00 each semester must be made by all boarding students and $200.00 by all non-boarding students at time of registration. The balance of the account may be sent home for payment or may be paid in three monthly installments as follows:

First Semester:		Second Semester:	
	September 20		February 15
	October 20		March 15
	November 20		April 15

Cash must be paid for books and supplies purchased at the bookstore.

EXPENSES FOR VETERANS: Those veterans who have served more than 180 days in the armed forces since 1955 are eligible for education allowance under the Veterans' Readjustment Benefits Act of 1966. A veteran must be certified for eligibility by his local VA office.

Disabled: Those entering under Public Law 16 for disabled veterans should apply to their state Veterans Administration headquarters for counseling and approval.

REFUNDS: Since the operating costs of a college must be based upon an estimated enrollment, all students are granted admission with the understanding that they are to remain at least one semester. After a student registers, there will be no refund of the registration fee. When a student officially withdraws, refund of tuition (hours charged only) will be governed by the following policy calculated from the catalogued date for enrollment:

Within one week	90 per cent refund of tuition
Within 2 weeks	80 per cent refund of tuition
Within third week	60 per cent refund of tuition
Within fourth week	40 per cent refund of tuition
Within fifth week	20 per cent refund of tuition
After 5 weeks	No refund of tuition

Students leaving the apartments by permission of the administration will be refunded rent for the unused time except that the use for any part of a month will be counted as a full month.

Students leaving the dormitory by permission of the administration will be refunded rent for the unused time except that any part of a four week period started, will be counted as full period.

Cost of meals will be refunded for the unused portion of the semester when removal from the dining hall has full sanction of the President and the Vice President for Finance, and the meal tickets are returned to the Business Office. But refunds of part of a week will be based on cost of individual meals. No refund can be made for meals missed while the student is enrolled. No refund is made of registration or special fees. If the withdrawal results from the student's misconduct, the institution is under no obligation to make any refunds.

BREAKAGE REFUND: Students withdrawing prior to the close of a semester or at the end of the first semester will make application for breakage refund at the Business Office. If the application is not completed within thirty days after withdrawal, the deposit will be forfeited. Accounts must be cleared for a cash refund.

GENERAL POLICIES: No diploma, certificate, transcript, or letter of recommendation will be granted to students who have failed to take care of any indebtedness to the college. Transcripts to other schools cannot be released until all accounts are paid in full. (Exception is made for government loans if they are not past due.)

At the discretion of the administration of the college, students may be suspended for non-payment of their indebtedness. Students who have not cleared all financial obligation to the college will not receive grades or credits.

All compensation due students employed by the college, except work performed under the college Work-Study Program, will be applied on charges for tuition, fees, room, or board, if such students are indebted to the college for any or all of these items.

REQUIRED FEES: There are two fees which should be sent with the Application for Admission — a $15.00 application fee and a $25.00 housing reservation fee. The application fee is non-refundable and is designed to cover the cost of application processing. The housing reservation fee is a deposit and is applied to the student's account. The housing reservation fee will be refunded if the housing reservation is canceled more than thirty (30) days prior to the proposed enrollment date.

The fees may be forwarded in the form of one check or money order in the amount of $40.00 made payable to Harding College. Commuting students should file only the $15.00 application fee.

ROOM FURNISHINGS: The dormitories are steam heated, so two blankets should be sufficient cover. The beds are all twin size. Students will need four or six sheets, two or three pillow cases, a pillow, a bed spread, and an adequate supply of towels and face cloths. Students may bring table lamps, small radios, and small record players. Women may wish to bring an iron and ironing board. Miscellaneous articles can be purchased locally.

CLOTHING NEEDS: Searcy's climate is quite mild, but there will be warm days, cold days, and rainy days. All students will need to bring about the usual college clothes, perhaps about the same number and kind worn to high school or college elsewhere.

For the women, we would suggest blouses, sweaters, skirts, dresses, loafers, heels and hose, and a conservative evening dress for special occasions. A raincoat, rain boots, and umbrella will be needed.

THE SUMMER SESSION: The summer session at Harding is an integral part of the total program of the institution. By means of the summer session a student can either accelerate or broaden his educational program. Summer students have the advantage at Harding of air-conditioned classrooms, residence halls, library, student center, and cafeteria.

The summer session is divided into two 5-week terms of 5 days per week. A student may carry a maximum of 13 hours for the summer but not more than 7 hours any one term. Expenses based on 6 hours each term are as follows:

For 1975 SUMMER SESSION		
Tuition ($39.50 per semester hour)	$237.00	$474.00
Registration fee	13.00	26.00
Rooms (double occupancy)	55.65	111.30
(single occupancy)	75.50	151.00
Board	104.50	209.00
TOTAL (for double occupancy)	$410.15	$820.30

Reservations and requests for information for the summer session should be directed to the Director of Admissions. See the summer school bulletin for the financial policy for the summer session.

Financial aid is available to the Harding student from at least four sources. One or a combination of these may be the answer to any student's problem in financing his college education. No student who has the ability and desire to attend should be deprived of a Christian education at Harding because of financial hindrances.

Scholarships of various types are available to students.

ACADEMIC: A student with a good academic background can earn as much as $1,400 in scholarships for four years at Harding. An entering freshman who achieves a composite score of 29 or above on the ACT examination or who is a semifinalist in the National Merit Testing Program is eligible for a $1,400 scholarship, provided the four-year high school transcript shows average or higher grades in solid subjects. An ACT composite score of 25 to 28 qualifies a student for a $1,000 scholarship. Both the $1,400 and $1,000 grants are prorated over four years or eight semesters of college work. They also may be applied to summer school work on a prorated basis.

Valedictorians and salutatorians of their high schools qualify for the $1,000 scholarship whether or not their ACT composite score is 25 or higher.

A student should request that a copy of his ACT or National Merit Test report card be sent to the Director of Admissions. The official test report card is required. A photostatic copy of the raw scores is not acceptable.

Transfer students may qualify for an academic scholarship of $125 to $175 per semester provided their grade point average in the college from which they transfer is 3.20 or higher. The $175 scholarship per semester requires a grade point average of 3.85.

To retain academic scholarships, recipients must maintain a 2.75 grade point level their freshman year and a 3.00 level their remaining three years.

DEPARTMENTAL: A few scholarships are given in speech and debate, vocal and instrumental music, home economics, and art. Interested students should write the appropriate department chairman for information.

ATHLETIC: Grants-in-aid are available only in football and basketball, according to rules of the Arkansas Intercollegiate Conference. The grants-in-aid cover room, board, tuition, and fees. Interested students should write the head coach of each sport for information.

Work on campus is a source of aid to Harding students, some of whom work up to 15 hours a week and earn more than $400 per semester. Many, of course, work fewer hours per week and earn less accordingly.

There are two work programs: The College Work-Study Program, which is funded by the federal government, and the regular Harding program. To qualify for either program, students must present evidence on proper application forms showing need for the aid. Harding also participates in the summer community work-study programs.

Applications for work are available from the Director of Admissions or the Director of Financial Aids at Harding College.

Loans available to students include ones provided by friends of the college (see listing in the index) and by government programs.

NATIONAL DIRECT STUDENT LOAN: Students enrolled for at least half time college work and who can show a financial need may be able to borrow up to $1,250 per year through the National Direct Loan Program. Most of the loans awarded, however, average less than $1,250 so that the loan fund may be spread to help as many students as possible.

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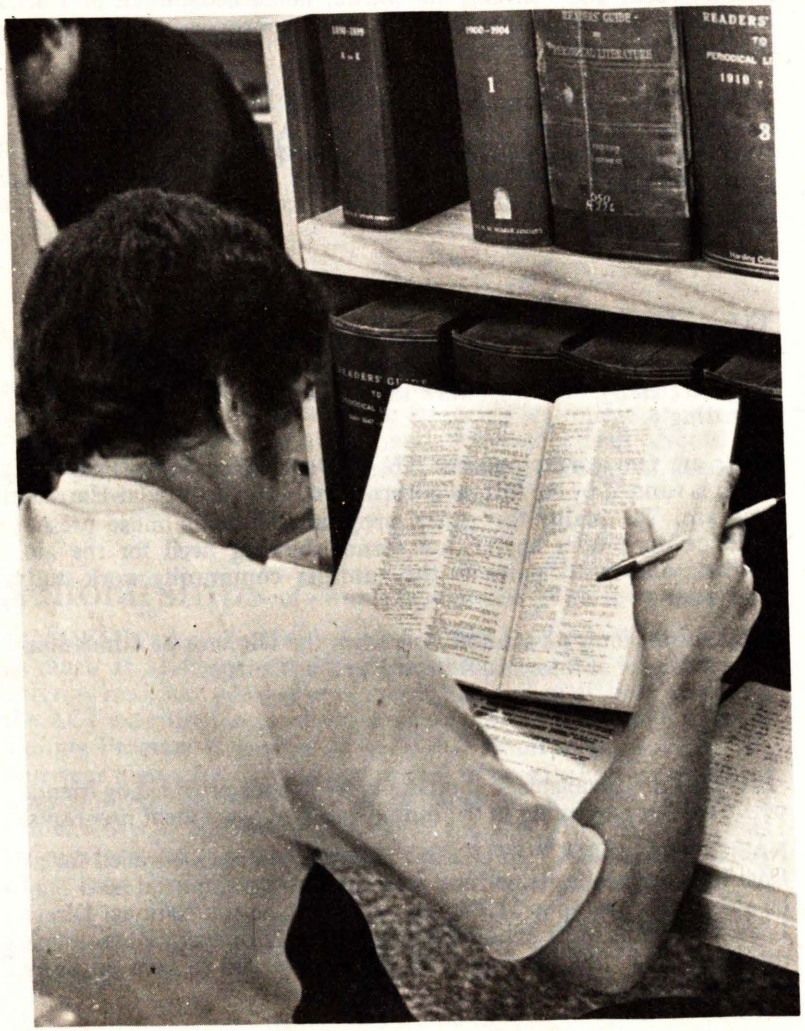
Repayment begins nine months after the student leaves school and continues no more than ten years at an interest rate of 3 per cent per year. Fifteen percent annually may be forgiven to teachers of handicapped children or to teachers in schools with a high concentration of students from low-income families. For military service performed after July 1, 1972, cancellation will be at the rate of 12.5 per cent of the total amount of such loans (plus interest) for each year of consecutive military service in an area of hostilities that qualifies for special pay (not to exceed 50 per cent of the total loan).

GOVERNMENT GUARANTEED STUDENT LOAN: Families of middle incomes may not qualify students for work, loans, or grants, yet circumstances may still make it hard on the family income. The Government Guaranteed Student Loan helps all alleviate such



difficulties by making loan insurance available to any college student who needs to borrow. The loan is not borrowed from the federal government but through a student's hometown bank or some other private lending agency. Interest rate on these loans is 7 per cent and is paid by the government while the student is in school if the students is eligible for federal interest benefits. Repayment need not begin until a student graduates or ceases taking at least a half-time load of study.

Government grants are available to a limited number of students with exceptional financial needs or disabilities.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT: Grants of from $200 to $1,000 per year, which must be matched by Harding with an equal amount of aid in some other form, are available to students with unusual needs. The grant can be no more than half the student's total assistance.

The amount of aid from this source is determined by the student's need. To determine the need, Harding uses the ACT Family Financial Statement to be completed by parents and returned to the American College Testing Program. The forms may be obtained from the Director of Admissions or the Director of Financial Aids at Harding College.

BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM: Freshmen and Sophomores who have not been enrolled in college prior to July 1, 1973, are eligible to apply for a basic grant. Amounts of the grants through this program range from $59.00 to $452.00 per academic year. Application can be obtained in the Financial Aids Office, from high school guidance counselors, or any government office.

VOCATIONAL REHABILITATION: Students who are permanently disabled may receive, at no cost to themselves, vocational counseling and financial assistance toward the cost of their college training provided the vocational objective of the disabled person is approved by a rehabilitation counselor. The student should apply directly to the vocational rehabilitation counseling service of the Department of Education in his own state and should at the same time notify the Vice President for Finance of the College so he may give any assistance necessary.

Application for aid should be made as follows:

1. Apply for admission. Application forms are available from the Director of Admissions.
2. Request application forms for aid and then submit them. Feel free to correspond with the Director of Financial Aid or the Director of Admissions. Make sure the college understands your circumstances and needs.
3. Complete an ACT Family Financial Statement form.

Part V

Courses of Instruction

Art. . . Bible, Religion, and Philosophy. . . Biblical Languages. . . Biological Science. . . Business and Economics. . . Education. . . English Language and Literature. . . General Science. . . History and Social Science. . . Home Economics. . . Journalism. . . Mathematics. . . Modern Foreign Languages. . . Music . . .Physical Education, Health, and Recreation. . . Physical Science. . . Psychology and Sociology. . . Speech

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Courses of instruction

are listed on the following pages. All courses will be offered as cataloged if enrollments justify. Courses offered "on demand" or "on sufficient demand" are so indicated. When a course is designated as offered on alternate years, in general the course with which it alternates and the year the course is to be offered are stated.

Year courses which must be taken in sequence, the first being a prerequisite to the second, are designated by joining the course numbers for the two successive semesters by a hyphen, such as Chemistry 111-112. Year courses which need not be taken in sequence are designated by separating the course numbers by a comma, such as Business 315, 316.

Courses numbered 100-199 are for freshmen; 200-299 for sophomores; 300-399 for juniors; and 400-499 for seniors. Courses numbered 250-299 taken by second-semester sophomores, juniors and seniors count as advanced credit. First-semester sophomores may receive advanced credit in these courses provided they are preceded by a year of freshman credit in the same subject. Courses numbered 250 or above are not open to freshmen. Courses numbered 300-399 are primarily for juniors and seniors; but in a few situations sophomores may enroll in these courses with the consent of the instructor and the department chairman. Courses numbered 400-499 are open only to juniors and seniors; courses numbered 450-499 are open only to seniors. Courses whose numbers are followed by "G" may be taken for graduate credit by students who are qualified to take graduate courses. Courses numbered 500 and above are open only to graduate students. Although students who are within eight hours of the baccalaureate degree may enroll for 500 courses, **credit in 500 courses cannot be applied toward meeting the baccalaureate degree requirements.** An "x" following a course number indicates a new course; the "x" is removed after the third year.

The semester hours credit which a course carries is shown in parentheses following the title of the course.

EXAMPLES:

Speech 400G. ADVANCED SPEECH CORRECTION. (3) Offered on sufficient demand.
This course may be taken for 3 hours credit either semester if the demand is sufficient. It may also be taken for graduate credit.

English 371. SHAKESPEARE. (3) Spring.
This course carries 3 hours credit and is offered in the spring semester.

Bible 418G. DANIEL AND REVELATION. (2 or 3) Spring.
This course may be taken for either 2 or 3 hours credit, is offered in the spring semester, and may be taken for graduate credit.

English 301, 302. AMERICAN LITERATURE. (3,3) Fall, Spring.
Either course may be taken for 3 hours credit as scheduled. English 301 is not a prerequisite to English 302.

Music 251-525. THEORY II. (3,3) Fall, Spring.
Each course carries 3 hours credit and must be taken in sequence.

Department of Art

PROFESSOR:
Elizabeth Mason, M.A.
Chairman

ASSOCIATE PROFESSOR:
Don D. Robinson, A.M.

ASSISTANT PROFESSOR:
Faye Brewer Doran, Ph.D.

INSTRUCTORS:
Stanley B. Green, B.S.E.
Paul Martin Pitt, M.A.

The Department of Art is designed to enrich the artistic understanding of all students, to develop greater proficiency in the arts, to supply the art training required by other departments, and to prepare teachers of art. Many courses requiring no special ability are open to all students and are recommended as electives.

Major (Bachelor of Arts): 33 hours of art at least 18 of which must be advanced level, including courses 103*, 105*, 200*, and at least 6 hours from 430-433. Majors must have a senior exhibit or complete a mural that is acceptable to the department. A minor is required.

Major (Bachelor of Science): 50 hours of art, at least 24 of which must be advanced level, including 103*, 105*, 200*, 205*, 210*, at least 6 hours from 430-433, and 450. A minor is not required. This degree, plus a year of foreign language, preferably French, and including at least nine hours from Art 430-433, is recommended for students planning to attend graduate school.

Minor: 18 hours of art including 6 hours of advanced credit.

Those planning to teach art must complete 21 hours of approved work in education plus Art 211 and 420. Also, Education 461, rather than 451, must be taken. It is strongly recommended that any student planning to teach art take 9 hours of art history.

The department reserves the right to retain one example of each student's work every semester.

101. ART APPRECIATION. (2) Fall, Spring.
A survey of the beauty and worth of artistic creations. The means and ideas promoting man's visual expression.

103. DRAWING AND COMPOSITION. (3) Fall.
Beginning drawing designed for the student who has had limited drawing experience. Consists of image formation, rendering techniques, and compositional theory and problems.

104. FREEHAND DRAWING AND COMPOSITION. (3) Fall, Spring.
Drawing in various media. Studio work in drawing and composition problems. Six studio hours per week. It is advised for students with some art background.

*May be waived, especially for transfer students, at the discretion of the chairman of the department.

105. ANATOMY. (3) Spring.
Learning the structure and function of the human figure through a complete study of bones and muscles. Strongly recommended for students with a strong background in art, and students who plan to attend graduate school.

117. DESIGN FOR THE HOUSE. (3) Fall.
Elements of art and especially colors used in design for all purposes. Application of color and design to choosing or designing a wardrobe, architectural styles, home plans and furnishings. Required of all home economics majors.

200. TWO-DIMENSIONAL DESIGN. (3) Fall.
Explores through discussion and application, the basic design principles and sources of design inspiration fundamental to all visual arts. Prerequisite: 103 or consent of instructor.

201-202. INTRODUCTION TO PAINTING. (3,3) Fall, Spring.
Creative experience in oil. Six studio hours per week. Prerequisites: 103, 104 or consent of instructor.

205. THREE-DIMENSIONAL DEISGN. (3) Spring.
Creative design with emphasis on volume and space relationships. Construction in a variety of materials. Prerequisite: 200 or consent of instructor.

210. COLOR THEORY. (3) Spring.
A concentrated study of the theory and application of color, both fundamental and advanced. Prerequisite: 200 or consent of instructor.

211. ART IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.
An introduction to art, the problems of art education, and the methods of teaching art in the elementary school. Required of all elementary education majors. Prerequisites: 101 and Education 203.

21?x. CRAFTS. (3) Fall, Spring.
An introduction to a variety of crafts. Highly recommended for all teachers, camp counselors, and any students who plans to work with children.

221. BEGINNING TECHNICAL DRAWING. (2) Fall.
Basic problems of mechanical drawing designed for both students needing specific professional drawing and general students. Use of instruments, lettering, geometrical problems, and various projections.

222. TECHNICAL DRAWING. (2) Spring.
Advanced work in technical drawing beginning with sectional views and advancing through auxiliary views, revolutions, etc. Prerequisite: 221 or two years of high school drafting with consent of instructor.

235-255. CERAMICS. (3,3) Fall, Spring.
Materials and techniques involved in working with clay. Class projects with clay in slab, coil and wheel methods, glazing and firing. Fee: $13.00 for 235, $15.00 for 255.

249-250. ADVERTISING ART. (3,3) Fall, Spring.
Beginning problems and exercises in lettering, advertising, layout, design, and techniques.

251-252. ADVANCED ADVERTISING ART. (3,3) Fall, Spring.
Advanced problems in the commercial field. Prerequisite: 249-250 or equivalent in experience.

300. WATERCOLOR. (3) Offered on sufficient demand.
Painting in all water-soluble media. Prerequisites for art majors: 103, 104, and 200, or equivalent accepted by instructor.

301-302. ADVANCED PAINTING. (3,3) Fall, Spring.
Painting courses for advanced students seeking to develop individual expression in creative painting and technical mastery of various media. Prerequisites: 201-202.

335x-355x. ADVANCED CERAMICS. (3,3) Fall, Spring.
Individual work on the potter's wheel, designing in clay, and glaze calculations. Prerequisite: 255. Fee: $15.00 each.

340. METALWORK AND JEWELRY. (3) Fall.
Basic designing, shaping and soldering of metals. Lapidary work in cutting and polishing stones, and experience in metal enameling. Prerequisite: 200 or consent of instructor. Fee: $20.

345. RELIEF AND INTAGLIO PRINTING. (3) Fall. Alternates with 400; offered 1974-75.
Explores the principles and techniques involved in fine arts printing by the relief (block) and intaglio methods. Prerequisite: 200 or consent of instructor. Fee: $8.

360. ADVANCED JEWELRY. (3) Spring.
Jewelry design and execution, mainly in lost-wax casting but offers some experience in other types of casting. Prerequisite: 340 or consent of instructor. Fee: $20.

365. SERIGRAPHY AND LITHOGRAPHY PRINTING. (3) Spring. Alternates with 401; offered 1974-75.
Creative individual and group projects in fine arts printing by the serigraphy (silk screen) and lithography methods. Prerequisite: 200 or consent of instructor. Fee: $15.

400. SCULPTURE IN PLASTER AND CLAY. (3) Fall. Alternates with 345; offered 1975-76.
Fundamental sculpturing problems in plaster and clay, emphasis upon clay modeling and plaster casting. Prerequisite: 205 or consent of instructor. Fee: $10.

401. SCULPTURE IN WOOD AND METAL. (3) Spring. Alternates with 365; offered 1975-76.
Fundamental sculpturing problems in wood and metal. Emphasis in metal is in welding and fabrication. Prerequisite: 205 or consent of instructor. Fee: $10.

415Gx. ART AND THE EXCEPTIONAL STUDENT. (3) Fall.
The role of art in the education of the exceptional student, includes designing and implementing an art curriculum appropriate to special needs. Minimum of one hour per week in actual teaching situations. May be taken two semesters for credit. Prerequisites: Art 211 and Education 302.

420. TEACHING ART. (3) Spring.
Techniques and methods of teaching art in the secondary school. Required of all art education majors. Same as Education 420.

430G. AMERICAN ART HISTORY. (3) Spring. Alternates with 433; offered 1974-75.
A study of art in the United States from early cultures to the present.

431G. ANCIENT THROUGH MEDIEVAL ART HISTORY. (3) Fall. Alternates with 432; offered 1974-75.
Western art from prehistoric times to the Renaissance.

432G. ART HISTORY FROM 15TH TO 19TH CENTURY. (3) Fall. Alternates with 431; offered 1975-76.
Western art from the 15th to the 19th century.

433G. MODERN ART HISTORY. (3) Spring. Alternates with 430; offered 1975-76.
Western art from the 19th century to the present day.

450x. SENIOR SEMINAR. (1) Fall, Spring.
The production of a one-person exhibit or mural.

475G. INDEPENDENT STUDY. (3) Offered on demand.
Provides opportunity for the well-qualified student to do supervised individual work in the field of his special interest. Concentration is permitted in the following areas: color theory, graphics, sculpture, ceramics, painting, etc. Qualified graduate students may take three times in different areas. Prerequisite: Consent of instructor.

Department of Bible, Religion, and Philosophy

PROFESSORS:
William Joe Hacker, Jr., D.R.E.
Chairman
Conard Hays, B.D.
Assistant to the Chairman
*James D. Bales, Ph.D.

ASSOCIATE PROFESSORS:
James R. Allen, M.R.E., Hh.D.
Robert Helsten, M.A.
Allan L. Isom, Ed.D.
Neale T. Pryor, Th.D.

ASSISTANT PROFESSORS:
Jerry L. Jones, Th.D.
L. V. Pfeifer, M.Div., M.Th.
Andy T. Ritchie, M.A.
Ed Sanders, M.A.
Don Shackelford, B.D.

VISITING PROFESSOR:
Van Tate, M.A.

Assisting from other departments:
PROFESSOR:
Jack Wood Sears, Ph.D.

* On leave of absence 1973-74

The aims of the Department of Bible, Religion, and Philosophy are: (1) To teach all students the Bible as the inspired word of God, (2) To develop in all students a philosophy of life based upon Jesus Christ as the supreme revelation of God to man, (3) To provide students multiple opportunities for meaningful experience in the development of Christian character while on the campus and beyond, (4) To prepare interested students for special Christian service in evangelism, edification, and worship, and (5) To challenge and to prepare men toward a preaching ministry.

These aims suggest five major areas into which the curriculum is organized. Strong emphasis is given to teaching the text of the English Bible for all students through courses in the Textual division. The Church Life division includes courses designed to prepare students for service in leadership, worship, and the educational ministry of the church. Courses intended to aid in the challenge and preparation of men for a preaching ministry are included in the Preaching division. The Historical-Doctrinal division includes courses relating to the development of Christendom in general as a world movement with a recognition of the historical factors which influence the development of various doctrines. The

division of Missions is to prepare interested students for service in world evangelism. MISSION/PREPARE is to provide a planned program for immediate expression of evengelical Christian commitment.

The curriculum structure is intended to give all students an opportunity to choose from a variety of courses to help prepare them to meet the challenge of their time. Recognition is given to the stated purposes of Harding College and to the importance of preparing men and women to carry out in life the charge to proclaim Christ to all the nations as stewards of the grace of God. The structure provides for this basic thrust while allowing the Bible major the flexibility of electives in each area of his prepation that he may be ready to accept a challenge immediately upon graduation or later upon completion of a graduate education.

Although a major in Bible and religion and a major in missions have been designed for women, the department recommends that women who seek one of these majors also complete a second major, such as elementary education, home economics or secretarial science. Since this preparation will require more than eight semesters, women are encouraged to major in another department and to include in their program of study as many courses as possible from the Textual division, Historical-Doctrinal division, and Church Life or Missions divisions, selecting those courses that will best prepare them for effective service in the church.

Students who transfer from another college with fewer than 87 hours, and who major in Bible, are required to take at least 18 hours in Bible at Harding. Six of these must be in the Textual division and 3 hours in each of the three other divisions. The remaining 3 hours may be elective.

Students who transfer from another college with at least 87 hours, and who major in Bible, are required to take at least 12 hours in Bible at Harding. Six of this must be in the Textual division and the remaining 6 hours distributed according to the recommendation of the chairman of the department.

Upon joint approval of the Chairman of the Bible Department and the Dean of the College, a maximum of 15 semester hours of credit earned at a school of preaching may be validated by examination. A grade of "C" must be achieved on the examination or examinations administered for each course. The candidate is charged a fee of $5 per course for the validation examination.

A Graduate School of Bible and Religion, located at 1000 Cherry Road at Park Avenue, Memphis, Tennessee 38117, confers the following degrees: Master of Arts in Bible and Religion and Master of Theology. Information about the program may be obtained upon request from the Graduate School.

A Christian Communications Program, located on the campus in Searcy, Arkansas, is a vocational program designed to train in the field of preaching and missions men who are over 21 years of age and who do not desire to pursue a liberal arts degree or to continue academic study in a graduate program. A diploma is conferred upon

successful completion of the two-year program. Information concerning this program may be obtained upon request from the Department of Bible, Harding College, Searcy, Arkansas 72143.

ADMISSION TO MISSION/PREPARE PROGRAM

MISSION/PREPARE is a four-year program providing up to four years of training including an undergraduate major in missions, a continuing education program, and MISSION/PREPARE internships. Any regularly enrolled student may participate in these activities.

There are special requirements, however, for admission to and retention in the MISSION/PREPARE Internship Program. The criteria include emotional stability, ability to communicate effectively through speaking and writing, personal, social, moral and ethical fitness, general intellectual ability, and physical fitness. To be admitted to the MISSION/PREPARE Internship Program a student must:

(1) Satisfy all admission requirements to the college.

(2) File a declaration of intent to enter the program and a biographical information blank in the office of the Department of Bible.

(3) File a formal application for admission to the program in the office of the Department of Bible. This application should be filed during the second semester of the student's freshman year or before the ninth week of any semester following. Transfer students may make formal application for admission to the MISSION/PREPARE program if they have completed 27 or more semester hours of work and if they have fewer than 90 semester hours of work. Other transfer students may be considered for admission by consent of the chairman of the Department of Bible.

(4) Satisfactorily complete the taking of psychological tests as required by the Department of Bible and Counseling Office.

(5) Be free of physical or mental defects inimical to effective mission work. Records will be made available from the Student Health Service and other services such as the Speech Clinic.

(6) Meet acceptable standards of adjustment in the areas of personal, social, moral, and ethical behavior. Letters of recommendation, conferences with college personnel acquainted with the student, and special interviews with the student may be used to make evaluations in these areas.

(7) Not be on academic probation at the time of making application.

To continue in the MISSION/PREPARE Internship Program a student must:

(1) Maintain a minimum cumulative grade point average of 2.5 at the completion of 27 semester hours or 2.20 at the completion of 60 or more semester hours of work.

(2) Have earned test scores on the freshman and sophomore tests which would indicate ability to complete successfully the prescribed course of work.

(3) Have demonstrated proficiency in English by successful completion of English 103-104 with at least a grade of "C" in each course.

(4) Non-missions majors must have favorable recommendation of the chairman of his major academic area and/or recommendation of at least two faculty members with whom he has had courses.

Students who are admitted to the MISSION/PREPARE Internship Program will spend a minimum of two months each summer doing internship training at faculty-approved places. Academic credit will be given in approved field work. Students will also be guided in raising all expenses involved for travel and living while doing internship work. The student is responsible for this expense. Scholarships for the regular school term may be granted upon the basis of need and available funds. Students admitted to the MISSION/PREPARE Internship Program may make application for scholarships to the Department of Bible. The student is required to make a written report to the appropriate faculty advisor upon completion of an internship abroad. Scholarships for academic credit in approved field work will be granted only upon successful completion of this requirement.

Special projects of the MISSION/PREPARE program also include a Missions Research Center and coordination of field survey trips and evangelistic campaigns.

BACHELOR OF ARTS DEGREE

Major in Bible and Religion: Minimum of 34 hours (maximum of 46 hours), including 18 hours of upper-level work; at least 4 lower-level hours and 6 upper-level hours must be from the Textual division; 12 hours from the Preaching division, including 220, 320, and 420 or 421; 6 hours from the Church Life division; and 6 hours from the Historical-Doctrinal division. In addition, Greek 101-102 and Speech 341 must be taken, and Greek should be taken before the senior year. A minor is required.

Major in Bible and Religion (for women only): Minimum of 34 hours of Bible credit (maximum of 46 hours), including 18 hours of upper-level work; 16 hours from the Textual division with at least 4 lower-level hours and 6 upper-level hours; 12 hours from the Church Life division; 6 hours from the Historical-Doctrinal division. The following courses are to be taken in lieu of the preaching requirements for male majors: Eight hours from Speech 350, Home Economics 101, 102, 322, 323, and Education 203. In addition, one year of Greek or a modern foreign language is required. This should be taken before the senior year. A minor or second major is required and a second major is strongly recommended.

Major in Missions: 64 hours, including 15 hours from the Missions division; at least 4 lower-level hours and 15 upper-level hours from the Textual division; 6 hours from the Church Life

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division; 6 hours from the Preaching division, including 320; 9 hours from the Historical-Doctrinal division; 3 hours of Philosophy; Sociology 320 or an approved substitute; and Speech 341. In addition, one year of a modern foreign language or Greek, or a reading proficiency demonstrated by examination, is required. A minor is not required.

Major in Missions (for women only): 64 hours, including 15 hours from the Missions division; at least 4 lower-level hours and 15 upper-level hours from the Textual division; 9 hours from the Church life division; 9 hours from the Historical-Doctrinal division. These additional courses from other departments are to be taken in lieu of the preaching division requirements for male students: Six hours from Speech 350, Home Economics 101, 102, 322, 323, Education 203; 3 hours of philosophy; and Sociology 320 or an approved substitute. In addition, one year of a modern foreign language or Greek, or a reading proficiency demonstrated by examination, is required. A minor is not required. It is strongly recommended, however, that a second major be completed.

Minor in Bible and Religion: 18 hours, 6 of which must be upper-level, with a minimum of 10 hours in the Textual division and 2 hours from each of two other divisions.

BACHELOR OF SCIENCE DEGREE

Major in Bible and Religion: 67 hours, including 19 hours from the Textual division with 4 lower-level and 15 upper-level, including 302 and 310; 15 hours from the Preaching division, including 220 and 12 upper-level hours; 12 upper-level hours from the Historical-Doctrinal division, including 342 and 441 or 442; 12 upper-level hours from the Church Life division; English 104 or Journalism 310; History 430 or an approved history substitute; and Speech 341. In addition, Greek 101-102 is required and should be taken before the junior year. For approved students, Greek textual courses may be substituted for upper-level requirements in the Textual division. A minor is not required.

TEXTUAL DIVISION

OLD TESTAMENT

101. THE OLD TESTAMENT. (2) Spring.
A brief historical study of the Old Testament; selected books and passages are given special attention in order to learn the message of the Old Testament for its day and for today.

204x. REDEMPTIVE HISTORY OF ISRAEL. (2) Fall, Spring.
The contribution of Jewish history from the conquest to the cross, noting the literature of the prophets as its relates to the history of Israel and to the scheme of redemption.

302G. INTRODUCTION TO THE OLD TESTAMENT. (3) Fall.
A study of the historical background of the Old Testament; canon and text; the history of interpretation; introduction to the major divisions and the individual books of the Old Testament. Designed for Bible majors; others may enroll.

303G. JEWISH HISTORY: PENTATEUCH. (2 or 3) Fall.
History of the Jewish people from the beginning to the founding of the nation and their contribution to later civilizations.

306. THE HEBREW PROPHETS. (2 or 3) Fall, Spring.
The prophetic writings of the Jewish people, with their social, religious and historical settings and the importance of their message to that period and to present times.

308. HEBREW POETRY AND WISDOM LITERATURE. (2 or 3) Spring.
The Psalms, Proverbs, Song of Songs, Lamentations, Ecclesiastes and Job in the light of their historical backgrounds, especially the poetic and wisdom literature of the ancient Near East; their message for their day and for today.

NEW TESTAMENT

112. THE NEW TESTAMENT. (2) Fall.
A historical study of the beginnings of Christianity from the birth of the Christ to the close of the first century. Selected passages from the gospels, Acts and the epistles are studied to present Christ, His mission, His message and His church as revealed in the New Testament.

211. THE FOUR GOSPELS. (2) Fall, Spring.
The origin, characteristics and relationships of the four gospels; content and message of the four gospels.

212. PRINCIPLES OF CHRISTIAN LIVING. (2) Fall, Spring.
A study of Christian moral values based upon key ethical passages of the Bible; the Christian view of courtship, marriage and the home.

213. ACTS OF APOSTLES. (2) Fall, Spring.
Historical backgrounds, introduction, the founding and expansion of the early church, government, worship, work, and destiny of the church as presented in the text of Acts and related scriptures.

310G. INTRODUCTION TO THE NEW TESTAMENT. (3) Spring.
A study of the historical and cultural background of the New Testament; text and canon; introduction to the books of the New Textament. Designed for Bible majors; others may enroll.

312. ROMANS. (2 or 3) Fall, Spring.
Introduction to the book and exegesis of the text.

314G. SELECTED LETTERS TO CHURCHES. (2 or 3) Fall, Spring.
First and Second Thessalonians, Philippians, Colossians, Galatians, Ephesians; historical setting; introduction to each book with its individual features; common relations in setting, thought, and life; content; exposition of selected passages.

316. GENERAL EPISTLES. (2 or 3) Spring.
Epistles of James, Peter, John, and Jude, and Paul's epistles to individuals; historical setting and introduction to each book with its individual features; common relations in setting, thought and life; content; exposition of selected passages.

318. HEBREWS. (2 or 3) Spring.
Introduction to the book and exegesis of the text.

411G. I AND II CORINTHIANS. (2 or 3) Fall.
Historical backgrounds; introduction; the founding and expansion of the early church; problems and their solutions in the Corinthian church; study of the text of First and Second Corinthians.

418G. DANIEL AND REVELATION. (2 or 3) Spring.
Historical setting, introduction, including apocalyptic pattern and message, content and exposition of selected passages.

PREACHING DIVISION

220. WORK OF THE PREACHER. (3) Fall.
An introduction to the special work of the preacher in relationship to both God and man. Proper attitudes toward the scriptures and their application to the needs of people; the preacher's relationship to the elders, and other special groups in the congregation. Open only to men preparing to preach.

320x. PREACHING METHODS. (3) Fall.
Materials, methods of preparation and sermon construction according to the types of sermons. Special attention to practical application by class presentation and evaluation. Prerequisite: 220 or consent of department chairman.

321x. INTRODUCTION TO CHRISTIAN COUNSELING. (3) Spring.
Introduction to the effective use of Christian Counseling in church life. A study of the basic types of counseling techniques and theories.

420Gx. EXPOSITION OF JOHN. (2) Fall, Spring.
The course is designed to aid the student preacher develop self-study skills in the preparation of expository and textual sermons. Prerequisites: Greek 101-102 or consent of department chairman.

421Gx. EXPOSITION OF ROMANS. (2) Spring.
The course is designed to aid the student preacher develop self-study skills in the preparation of expository and textual sermons. Prerequisites: Greek 101-102 or consent of department chairman.

425x. ADVANCED PREACHING. (2) Fall.
Designed to strengthen preaching techniques. Various types of sermons will be presented by students. Additional study of contemporary preaching and audience response will be studied. Persuasive preaching is stressed. Prerequisites: 220 and 320.

CHURCH LIFE DIVISION

330. THE EDUCATIONAL WORK OF THE LOCAL CHURCH. (3) Fall. Alternate years; offered 1975-76.
Carrying out the mission of the church through the educational work of the church, aims, principles of leadership, enlistment of workers, curriculum, V.B.S., visitation, promotion ideas, teacher's meetings, etc. Designed for Bible majors; others may enroll.

331x. THE CHURCH AND THE CHILDREN. (2 or 3) Fall. Alternate years; offered 1974-75.
A course designed to train parents and Bible school teachers toward proper Christian nurture of children.

332. THE CHURCH AND THE YOUNG PEOPLE. (2 or 3) Fall. Alternate years; offered 1975-76.
The young people and their religious needs, including courtship and marriage, with special emphasis on the methods and materials available to church school teachers.

333. THE WORK OF ADULTS IN THE CHURCH. (2 or 3) Fall. Alternate years; offered 1974-75.
The needs of adults in the church, marriage and the home, the women's work, the training of men and women for service, methods available in teaching adults.

334. PERSONAL EVANGELISM. (2 or 3) Fall.
Motives and methods of personal evangelism. The appreciation of Jesus and the early Christians as personal evangelists.

335. THE WORSHIP OF THE CHURCH. (2 or 3) Spring. Alternate years; offered 1974-75.
Objectives and problems of private and congregational worship. The relationship of worship to life. Improving leadership in worship. Definition of the church and its work in evangelism and benevolence.

336. HISTORY AND ANALYSIS OF RELIGIOUS MUSIC. (2 or 3) Spring. Alternate years; offered 1975-76.
Hebrew and Christian music, hymn writers and hymns and an evaluation of hymns adaptable to the worship of the church.

HISTORICAL-DOCTRINAL DIVISION

340x. SURVEY OF CHURCH HISTORY. (2 or 3) Fall, Spring.
A survey of the history of the church from the close of the apostolic age to the present.

341x. HISTORY OF THE RESTORATION MOVEMENT. (2 or 3) Spring.
A study of the restoration movement and of the men and events which shaped this movement in American history.

342. THE NEW TESTAMENT CHURCH. (2 or 3) Spring.
The nature, objectives, government, and work of the church in the first century.

343. PRINCIPLES OF BIBLICAL INTERPRETATION. (2 or 3) Spring. Alternate years; offered 1975-76.
How to study the Bible using principles of interpretation derived from the scriptures, the nature of language and the process of thought, a brief survey of interpretation.

344. BIBLICAL WORLD AND ARCHAEOLOGY. (2 or 3) Spring. Alternate years; offered 1974-75.
A historical and religious survey of world conditions in Biblical times with special attention to the social and religious conditions in Palestine.

345. LIVING WORLD RELIGIONS. (2 or 3) Fall. Alternate years; offered 1974-75.
The history and basic teachings of Zoroastrianism, Buddhism, Hinduism, Confucianism, Taoism, Shintoism, Judaism and Islam.

349. THE CHRISTIAN IN THE 20TH CENTURY. (2 or 3) Fall.
A study of the current trends in modern Protestant and Catholic thought; the question of authority in religion; the origin, growth, beliefs, and characteristics of the modern cult movements; a brief study of modern social, ethical, and philosophical trends.

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440G. SYSTEMATIC CHRISTIAN DOCTRINE. (2 or 3) Spring.
A textual approach to the Bible doctrine of revelation, God, Christ, the Holy Spirit, man, the church and eschatology.

441G. HISTORY OF CHRISTIAN THOUGHT TO 1517. (2 or 3) Fall.
The development of Christian thought from the sub-apostolic age to 1517. Special attention to outstanding leaders and major doctrines. Designed for Bible majors; others may enroll.

442Gx. HISTORY OF CHRISTIAN THOUGHT AFTER 1517. (2 or 3) Spring.
A continuation of 441 from 1517 to the present. Designed for Bible majors; others may enroll.

443G. EVIDENCES OF CHRISTIANITY. (2 or 3) Fall.
Special emphasis on the credentials of Christ as constituting the heart of Christian evidence.

MISSIONS DIVISION

250. INTRODUCTION TO WORLD MISSIONS. (2 or 3) Fall.
Survey of world missions. General introduction to missionary methods and principles.

351. MISSIONARY MESSAGE OF THE BIBLE. (2 or 3) Spring. Alternate years; offered 1974-75.
An examination of the basic Biblical concepts which provide a foundation for missions. The development of a philosophy of Christian missions.

352x. PREACHING AND MISSIONS. (2) Fall. Alternate years; offered 1975-76.
A study of the unique problems of preaching on mission fields. Relationships of the missionary as a preacher to his home church and to those of the mission field.

353. HISTORY OF MISSIONS. (2 or 3) Spring. Alternate years; offered 1974-75.
A survey of mission work from the second century to the present with special study of the work accomplished by the churches of Christ.

354. MISSIONARY PREPARATION. (2 or 3) Spring. Alternate years; offered 1975-76.
Motives for mission work. Examination of the field or relationship necessitating personal adjustment by the missionary. Relationship between the missionary and the church.

356. SEMINAR. (1 to 4). Offered on demand.
A prospectus must be submitted to the department chairman for approval.

357. FIELD WORK. (1-3) Offered on demand.
Field work will be done under the supervision of the faculty or one approved by the faculty in a mission field at home or abroad. A proposal must be submitted to the department chairman for approval.

455x. COMMUNICATIONS AND MISSIONS. (2) Fall. Alternate years; offered 1974-75.
A study of the theory of communication and of problems of cross-cultural communications of special relationships necessary for effective communications. Survey types of communications effective on the mission field.

GRADUATE DIVISION

503. INDEPENDENT STUDY. (3) Offered on demand.
Individual study in Bible for qualified graduate students pursuing the M.A.T. degree with a major emphasis in Biblical literature and religion.

PHILOSOPHY

251. INTRODUCTION TO PHILOSOPHY. (3) Fall. Offered 1975-76.
A general survey of philosophical problems, methods of approach, modes of thought acquainting the student with various types of philosophy through a brief survey of representative philosophies.

252. PHILOSOPHY OF RELIGION. (3) Spring. Alternate years; offered 1976-77.
A philosophical approach to the study of religion with an emphasis on methods and problems. Special attention is given to the Christian religion in the light of philosophic thought.

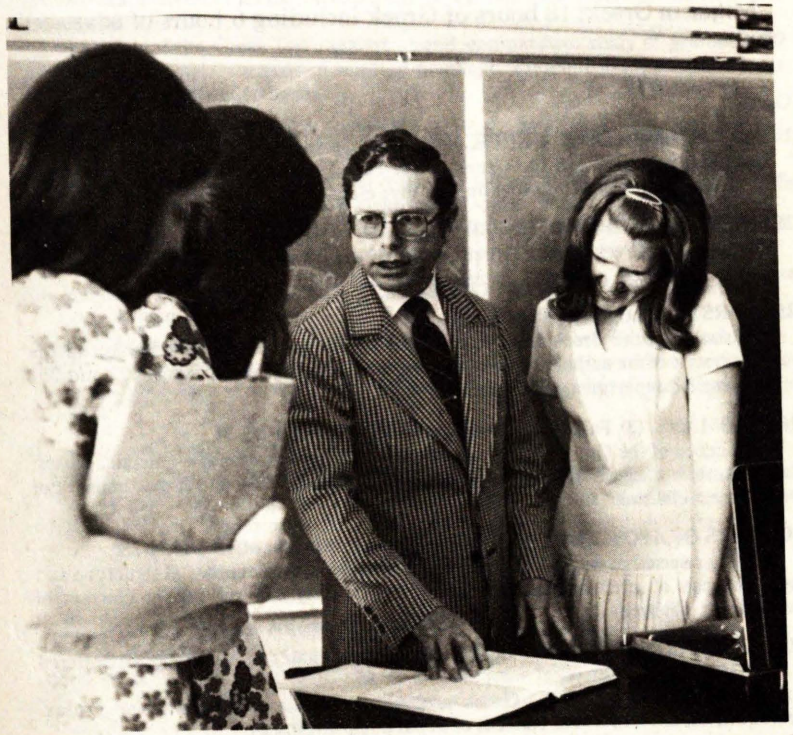
253. ETHICS. (3) Spring. Alternate years; offered 1975-76.
A study of principles and methods used in evaluating human conduct. An emphasis on the origin and development of the major views of the good life in consideration of Christian ethics to modern problems.

443. EVIDENCES OF CHRISTIANITY. (2 or 3) Fall.
Same as Bible 443.

Approved Related Courses

Textual upper level Greek courses, philosophy courses, and Speech 350 are approved related courses to meet the institutional requirement in Bible for juniors and seniors.

Sociology 301 is an approved related course for Vocational Home Economics majors and Social Science majors who are juniors or seniors.



Department of Biblical Languages

PROFESSOR:
William Leslie Burke, M.A.
Chairman

Assisting from other departments:

ASSISTANT PROFESSORS:
L. V. Pfeifer, M.Div., M.Th.
Don Shackelford, B.D.

The department seeks to satisfy the needs of those who desire a knowledge of Greek and Hebrew for a better understanding and use of the Bible.

Major in Biblical Languages: 34 hours of Greek and Hebrew that includes a minimum of 8 hours of Hebrew, 2 hours of Greek 451, and 16 additional hours of advanced work in one or both languages.

Minor in Biblical Languages: 22 hours including Greek 101-102, Hebrew 201-202, and 6 hours of advanced credit.

Minor in Greek: 18 hours of Greek including 6 hours of advanced credit.

Greek

101-102. ELEMENTARY GREEK. (4,4) Fall, Spring.
Grammar and syntax of the Greek of the New Testament with emphasis on learning the basic inflections and vocabulary. Five class periods per week.

251. THE GOSPEL OF JOHN. (3) Fall.
Reading the Greek text, further study of grammar, attention to vocabulary, exegesis of selected passages. Prerequisites: 101-102.

254. FIRST CORINTHIANS. (3) Spring.
Translation of the Greek text, more intensive study of grammar, attention to the linguistic style of the author, exegesis of selected passages. Prerequisites: 102 and 251 or consent of department chairman.

301. ROMANS. (3) Fall. Alternates with 305; offered 1975-76.
Translation of the Greek text, more extensive study of grammar — moods, tenses, particles, style, exegesis of selected passages. Prerequisite: 251 and 254 or consent of department chairman.

302. ACTS OF APOSTLES. (3) Spring. Alternates with 306; offered 1974-75.
Reading selected passages from the Greek text, study of grammatical structure and style, exegesis of selected passages. Prerequisites: 251, 254 and 301 or consent of department chairman.

303. I AND II TIMOTHY AND TITUS. (2) Fall. Alternates with Hebrew 201; offered 1974-75.
Reading and exegesis of the Greek text with emphasis on grammar and syntax. Prerequisites: 251 and 254 or consent of department chairman.

304. JAMES, I AND II PETER, AND JUDE. (2) Spring. Alternates with Hebrew 202; offered 1974-75.
Translation of the Greek text, analytical and comparative study of grammatical construction and style, exegesis of selected passages. Prerequisites: 251 and 254 or consent of department chairman.

305. ADVANCED GREEK GRAMMAR. (3) Fall. Alternates with 301; offered 1974-75.
Intensive, systematic and analytical study of the grammar of the Greek New Testament. Attention is given to the meanings of cases, tenses, moods, construction with participles, infinitives, prepositions, conjunctions, particles, various types of clauses. Prerequisites: 251 and 254 or consent of the department chairman.

306. WORD STUDY IN THE NEW TESTAMENT. (3) Spring. Alternates with 302; offered 1974-75.
Concordial, contextual, lexical, grammatical, and historical study of selected Greek words, terms and phrases which represent cardinal or distinctive ideas in the New Testament scriptures. Prerequisites: 251 and 254 or consent of the department chairman.

451. INDEPENDENT STUDY. (1-4) Offered on demand.
Directed study or research with primary emphasis on meeting the needs of the individual student. Readings in Greek and Roman history and the development of Hellenistic culture. Prerequisite: 301, 302 or consent of the chairman of the department.

Hebrew

201-202. ELEMENTARY HEBREW. (4,4) Fall, Spring. Alternates with Greek 303, 304; offered 1975-76.
Elementary and essential principles of the Hebrew language and grammar, attention to vocabulary with special emphasis on the verb, exercises in reading and writing. Five class periods per week.

Department of Biological Science

PROFESSOR:
Jack Wood Sears, Ph.D.
Chairman

ASSOCIATE PROFESSORS:
Ward Bryce Roberson, Ph.D.
George W. Woodruff, Ed.D.

ASSISTANT PROFESSORS:
Ronald H. Doran, M.A.
William F. Rushton, M.A.

The Department of Biological Science is designed to meet the following objectives: to provide a basic knowledge of biological science as a necessary part of general education; to train teachers of biology; to equip students for graduate study; and to prepare students to pursue medicine, dentistry, nursing, medical technology and similar professions.

Biology majors may elect either the Bachelor of Arts or the Bachelor of Science program. For the general science major see page 136.

Major (Bachelor of Arts): 30 hours of biological science including 111, 152, 252, and 14 additional hours of advanced work.

Major (Bachelor of Science): 30 hours in biological science including 111, 152, 252, and 14 additional hours of advanced work; 27 hours in two other sciences (chemistry, physics or mathematics); 6 hours in a fourth science and additional work in the four fields to total 67 hours. (Geology or another approved science may be substituted for one of the supporting sciences.) In addition, one year of German or French or a reading proficiency in one of the languages, demonstrated by examination, is required. Mathematics 201 is highly recommended. A minor is not required.

Minor: 18 hours in biological science including 111, 152, and 6 hours of advanced work. Students preparing to teach high school biology must include 252.

111. BIOLOGICAL SCIENCE. (4) Fall, Spring.
An audio-tutorial course in the principles of biology designed for the non-major and the major. Emphasis is placed on a few major concepts rather than on a survey of the entire field. Areas covered in depth are (1) the nature of scientific investigation; (2) cellular biology; (3) developmental genetics; (4) ecological principles and evolution. One lecture, one discussion-quiz session and two-hour laboratory session each week. Satisfies the general education requirement for all students.

152. GENERAL ZOOLOGY. (4) Fall, Spring.
An intensive study of the animal kingdom with emphasis on the taxonomy, morphology, and life histories of typical representatives of the animal phyla. Three lectures and one three-hour laboratory each week.

250x. MAN AND HIS ENVIRONMENT. (3) Fall, Spring.
A survey course designed to give the student a biological knowledge of the structure and function of ecosystems and man's influence on the environment. Three lectures and/or discussion groups per week. Prerequisite: 111.

251. VERTEBRATE ZOOLOGY. (4) Fall.
An intensive study of the vertebrates with emphasis on the structure, taxonomy, and life histories of the vertebrates. The anatomy of the cat is thoroughly studied in the laboratory. Three lectures and one three-hour laboratory each week. Prerequisite: 111.

252. THE PLANT KINGDOM. (4) Fall, Spring.
An intensive study of the plant kingdom with emphasis on the taxonomy, morphology, and life histories of the major plant groups. Three lectures and three hours of laboratory per week. Prerequisite: 111.

263. VERTEBRATE EMBRYOLOGY. (4) Spring.
The fundamental facts and processes of development from germ-cell formation to the completed, free-living organism. Three lectures and three hours laboratory per week. Prerequisite: 111.

271. BACTERIOLOGY. (4) Fall, Spring.
The history of bacteriology, physiology and morphology of bacteria, techniques of isolating and identifying bacteria, uses of the knowledge of bacteria in human affairs. Three lectures and three hours laboratory per week. Prerequisite: 111 or Chemistry 112 or 115.

275. HUMAN ANATOMY AND PHYSIOLOGY. (4) Fall, Spring.
The structure and function of the human body and its various parts. Designed for majors in home economics, physical education, psychology, nursing, and secondary education with emphasis in the sciences. Not recommended for majors in biology. Three lectures and three hours of laboratory per week. Prerequisite: 111 or Chemistry 112 or 115.

308. SCIENCE IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.
A course designed especially for elementary school teachers to introduce them to basic concepts of science and to demonstrations that will illustrate fundamental principles of science. Although the emphasis is primarily on biological science, attention is given to physical science, especially in the area of the earth sciences. Three hours of lecture, laboratory and field study per week.

311. INVERTEBRATE BIOLOGY AND PARASITOLOGY. (3) Spring. Alternates with 313; offered 1975-76.
The classification, morphology, life history and physiology of typical invertebrates except the insects. Attention is given to the parasites of man. Two hours lecture and three hours laboratory per week. Designed to complement 111, 152, and 251. Prerequisite: 152.

313. ENTOMOLOGY. (3) Spring. Alternates with 311; offered 1974-75.
The structure, classification, life history, physiology and economic importance of insects with special reference to those of this region. Two hours lecture and three hours laboratory per week. Prerequisite: 152.

314x. ORNITHOLOGY. (3) Spring.
The morphology, taxonomy, ecology, and distribution of birds and their influence on man. The birds of Arkansas will be emphasized in the laboratory. Two lectures and one three-hour laboratory per week. Prerequisite: 111.

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315x. MAMMALOGY. (3) Fall.
The morphology, taxonomy, ecology, and distribution of mammals and their influence on man. The mammals of Arkansas will be emphasized in the laboratory. Two lectures and one three-hour laboratory each week. Prerequisite: 251.

343G. FIELD BIOLOGY AND ECOLOGY. (4) Spring.
The principal plant and animal groups of this region; their classification and relationship to physical and biological environments. Three lectures and three hours of laboratory or field work per week. Prerequisite: 111, 152, 252.

405G. GENETICS. (3) Fall.
Facts and principles of heredity as applied to living organisms. Molecular genetics, microbial genetics, inheritance, variation and selection will be emphasized. Three lecture-demonstrations per week. Prerequisite: 111.

410G. BIOLOGICAL TECHNIQUES. (2) Fall, Spring.
A practical laboratory course designed to acquaint the student with the various instruments and techniques used in teaching and research in biology. Topics will be selected from microscopy, electrophoresis, physiography, chromatography, collecting and preserving plants and animals, preparation of slides, and scientific illustration. Registration restricted to biology majors or minors and to general science majors with an emphasis in biology. Prerequisite: Written consent of the instructor.

412x. INTRODUCTION TO VERTEBRATE HISTOLOGY. (2) Fall.
A study of the relationships between structure and function at the tissue and cellular level including some study of ultrastructure. Laboratory recognition of organs, organ parts and tissues of selected vertebrates will be stressed. One lecture and two hours of laboratory. Prerequisite: 251 or consent of department chairman.

420G. CELLULAR PHYSIOLOGY. (3) Spring.
An intensive study in physiology primarily at the cellular level with topics being selected from the following areas: the functional organization of the cell, the cellular environment; cellular membrances, transport, irritability, and contractibility; and cellular energy and matter conversions. Three lectures. Must be taken concurrently with 421 unless credit has been or is being earned in Chemistry 326. Prerequisites: 111 and Chemistry 301.

421G. CELLULAR PHYSIOLOGY LABORATORY. (1) Spring.
A laboratory course designed to study physiology and biochemistry at the cellular level. Must be taken concurrently with 420 unless credit has been or is being earned in Chemistry 326. Same as Chemistry 326.

430. RESEARCH. (1-4) Fall, Spring. Offered on demand.
A research participation course designed for the capable advanced undergraduate student who is majoring in biology or in general science with an emphasis in biology. The research will be under the supervision of a competent staff member. The student should enroll in this course for two successive semesters. A research paper will be required. Prerequisites: Junior standing with a grade point average of 3.50 or higher in the major field; written consent of the department chairman and of the staff member who will supervise the research.

449Gx. WORKSHOP IN ENVIRONMENTAL STUDIES. (3) Summer.
Workshop for elementary teachers and for secondary teachers of science and social studies designed to stimulate an awareness of the environmental interdependency of man and his ecological community and to evaluate these concepts in light of the present energy crisis. Laboratory fee $10.00.

470. READINGS IN BIOLOGY. (1-3) Offered on demand.
An independent study or tutorial course for biology majors to fill any deficiencies in their backgrounds. Registration restricted to biology majors and to general science majors with an emphasis in biology. Prerequisite: Consent of the chairman of the department.

508. SCIENCE FOR ELEMENTARY SCHOOL TEACHERS. (3) Offered on sufficient demand.
A practical course designed to meet the need of the individual teacher in the elementary school. Emphasis will be placed on principles and basic facts and understandings in the biological, physical, and earth sciences that are particularly relevant to the elementary teacher. Readings, laboratory exercises, and discussions will provide in-depth study experiences.

510. BIOLOGY FOR SECONDARY SCHOOL TEACHERS. (3) Offered on sufficient demand.
A practical course designed to fit the individual needs of those teaching biology in the secondary schools. Emphasis will be given to those biological facts and principles that are necessary. Help will be given in the preparation of laboratory and field experiences for the students. Two lecture-discussions and one three-hour laboratory period each week. Prerequisite: 12 hours of biology and graduate standing.

530. RESEARCH. (1-4) Offered on demand.
A research course for graduate students who have an adequate background in biology. A research paper will be required. Prerequisites: Graduate standing; written consent of the department chairman and of the staff member who will supervise the research.

570. INDEPENDENT STUDY. (1-3) Offered on demand.
Individual study in biology for qualified graduate students. Prerequisite: 12 hours of biology and approval of the chairman of the department.

Department of Business and Economics

PROFESSOR:
James A. Hedrick, Ed.D., C.P.A.
Chairman

ASSOCIATE PROFESSORS:
Billy Ray Cox, M.B.A., LL.D., C.P.A.
Ermal H. Tucker, M.S.

ASSISTANT PROFESSORS:
David B. Burks, M.B.A.
Donald P. Diffine, M.A.
*Robert J. Kelly, M.A.
Charles R. Walker, M.S.

INSTRUCTORS:
Gary Bartholomew, M.B.A., C.P.A.
Barbara E. Karaffa, M.A.

* On leave of absence 1973-74

The curriculum of the Department of Business and Economics is designed to provide opportunity for understanding the institutional structure and behavior patterns of modern industrial society; to provide training for business careers; to train teachers of business education; and in collaboration with other departments to train teachers of the social studies.

Students majoring in Business and Economics may choose the Bachelor of Arts degree in Business Education, General Business, or Secretarial Science; or they may choose the Bachelor of Science degree in Accounting, Business Administration, Finance, Management, or Office Administration. In addition, the department offers both one-year and two-year terminal programs in secretarial science.

BACHELOR OF ARTS DEGREE

Business Education

Major (Plan I, with shorthand): 50 hours, including Accounting 205-206; Business 102, 107, 117, 251, 252, 315, 317, 350, 421, 422, 451; Economics 201-202, 320; and Mathematics 108. A minor is not required.

Major (Plan II, without shorthand): 49 hours, including Accounting 205-206; Business 106, 117, 315, 316, 350, 421, 422 (1 hour), 451; Economics 201-202, 320; Mathematics 108 or 151; and 9 hours elected from the department, 3 of which must be advanced. Economics 320 will be waived for students who complete the requirements for the Bachelor of Science degree in Business Administration. A minor is not required.

Minor (Plan I to qualify for certification as a second teaching field): 25 hours, including Accounting 205-206; Business 107, 117, 252, 315, 350, and 251 or 317; and Economics 201.

Minor (Plan II, to qualify for certification as a second teaching field): 25 hours, including Accounting 205-206; Business 106, 117, 315, 350; Economics 201, 202; and 3 hours of upper-level work elected from the Department of Business and Economics.

Under either plan, business education majors must also complete Education 203, 307, 320, 336, 417, and 450. In addition, majors under Plan I will include Business 421, 422 (2 hours), and 451 for a minimum of 25 hours of prescribed work in education; and majors under Plan II will include Business 421, 422 (1 hour), and 451 for a minimum of 24 hours of prescribed work in education.

Economics

Minor: 18 hours of approved economics and finance courses; including Economics 201-202 and 6 hours of advanced credit.

General Business

Major: 46 hours, including Accounting 205-206; Business 255, 315, 316, 350; Economics 201-202, 330; Finance 322, 343; Management 254, 368; Mathematics 151 or 210; and 3 hours elective from the department. A minor is required.

Minor: Economics 201-202 and 12 additional hours in business, economics, finance, and/or management, 6 of which must be advanced credit.

Secretarial Science

Major: 36 hours, including Accounting 205; Business 102, 106, 107, 108 (or Mathematics 101), 117, 251, 252, 315, 317, 350; Economics 320; and 3 hours elected from the department.

Minor (For those who wish an emphasis on secretarial subjects): 18 hours, including Business 102, 106-107, and 11 additional hours elected from the Department of Business and Economics, including 6 upper-level hours.

Minor (For those who wish an emphasis on general business and clerical subjects): 18 hours, including Accounting 205; Business 106, 117, 218, and 9 additional hours elected from the Department of Business and Economics, including 6 upper-level hours.

BACHELOR OF SCIENCE DEGREE

Accounting

Major: 63 hours, including Accounting 205-206, 301-302, 306, 355, 401-402, and 6 additional hours in accounting; Business 255, 260, 315, 316, 350; Economics 201-202, 330; Finance 322, 343; and Management 368. In addition, Mathematics 151 or 210 is required. A minor is not required.

Minor: 18 hours in accounting. The following additional courses are recommended: Business 255, 315, 316; Economics 201-202; Management 368; and Mathematics 151 or 210.

Business Administration

Major: 63 hours, including Accounting 205-206, 301-302, 306; Business 255, 260, 315, 316, 350; Economics 201-202, 330; Finance 322, 343; Management 254, 368, 430; and 9 hours elective in the department. In addition, Mathematics 151 or 210 is required. A minor is not required.

Finance

Major: 63 hours, including Accounting 205-206, 301-302, 306-307; Business 255, 260, 315, 316, 350; Economics 201-202, 330; Finance 322, 323, 343, 345, 352, 360; and Management 368. In addition, Mathematics 151 or 210 is required. A minor is not required.

Management

Major: 63 hours, including Accounting 205-206, 360; Business 255, 260, 315, 350; Economics 201-202, 330; Finance 322, 343; Management 254, 332, 333, 368, 370, 430; and 6 hours elective in the department. In addition, Mathematics 151 or 210 is required. A minor is not required.

Office Administration

Major: 49 hours, including Accounting 205-206; Business 102, 107, 108 (or Mathematics 101), 117, 251, 252, 315, 317, 320, 350; Economics 201-202; Management 368; and 6 hours elective from the department, 3 of which must be advanced.

ACCOUNTING

205-206. FUNDAMENTALS OF ACCOUNTING. (3,3) Fall, Spring.
Elementary accounting theory, practice and simple analysis; applications to single proprietorships, partnerships and corporations. Prerequisite or co-requisite: Mathematics 151 or equivalent.

301-302. INTERMEDIATE ACCOUNTING. (3,3) Fall, Spring.
Analysis and understanding of accounting theory and practice; the preparation and interpretation of operating statements and reports of partnerships and corporations, including such items as capital stock transactions, surplus, inventories and reserves. Prerequisite: 205-206.

305. COST ACCOUNTING. (3) Fall.
Elements of production under the job cost, process cost and standard cost systems; inventorying of materials; payrolls and taxes; budgets; wage plans and other related topics. Prerequisite: 205-206.

306-307. FEDERAL TAXATION. (3,3) Fall, Spring.
Broad coverage of the federal tax structure; preparation of declarations and returns for individuals, partnerships and corporations; gross and net income; capital gains and losses; allowable deductions; estates and trusts. Prerequisite or corequisite: 205-206.

355-356. PRINCIPLES OF AUDITING. (3,3) Fall, Spring.
Audit theory and procedure; internal control; detailed audit; examination of financial statements; working papers and reports; auditor's opinion; professional standards and ethics; practice audit case. Prerequisite or corequisite: 301.

360. BUDGETING. (3) Spring.
Principles of budgeting, direct and variable costing, gross profit and break-even analysis, cost-profit-volume analysis, differential and comparative cost analysis, capital expenditure planning and control, and internal profit measurements. Prerequisite: 205-206.

401-402x. ADVANCED ACCOUNTING. (3,3) Fall, Spring.
Intensive analysis of accounting theory and practice. Coverage of the more complex problems of partnership accounting, joint ventures, installment and consignment sales, consolidated balance sheets and statements. Prerequisite: 301-302.

405. C.P.A. PROBLEMS. (3) Spring. Offered on sufficient demand.
C.P.A. examination problems in accounting theory, practices, cost, auditing, taxes and business law. Prerequisite: 401 and approval of department chairman.

BUSINESS

101. BEGINNING SHORTHAND. (3) Fall.
Principles of Gregg Shorthand. Presentation of theory with extensive practice in reading and writing. Introduction to transcription. Extra dictation practice in multi-channel dictation laboratory. Class meets five times a week. Prerequisite or corequisite: 105 or equivalent.

102. INTERMEDIATE SHORTHAND. (3) Fall, Spring.
A review of fundamental principles, with assignments which stress speed, accuracy, fluency, and vocabulary. Intensive transcription practice. Extra dictation practice in multi-channel dictation laboratory as needed. Class meets four times a week. Prerequisite: 101 or equivalent ability.

105. BEGINNING TYPEWRITING. (2) Fall.
Introduction to keyboard and basic operating techniques on manual and electric typewriters. Practice in personal and routine office problems. Meets five times a week. Fee: $2.50.

106. INTERMEDIATE TYPEWRITING. (2) Fall, Spring.
Continuation of speed and accuracy drills; practice in office problems with emphasis on office standards of achievement. Meets three times a week. Prerequisite: 105 or equivalent ability. Fee: $2.50.

107. ADVANCED TYPEWRITING. (2) Fall, Spring.
Occupational competence and production skills developed with special attention to accuracy and speed in production. Meets three times a week. Prerequisite: 106 or equivalent ability. Fee: $2.50.

108. MATHEMATICS FOR BUSINESS. (3) Fall.
Review of basic arithmetical calculations, decimals, ratios, percentages; simple and compound interest, discounts, depreciations, graphs, partial payments and other common business procedures. May be substituted for Mathematics 101 in the general education requirements by majors and minors in Office Administration and Secretarial Science. Business Education majors must enroll in Mathematics 108 or take some other course in mathematics.

117. BUSINESS MACHINES. (2) Fall, Spring.
Instruction and practice in the use of modern calculating machines; proficiency developed on 10-key and full keyboard adding-listing machines; extensive practice and application of business problems on electronic display and printing calculators and, rotary calculators; class meets four hours a week; extra laboratory practice provided as needed. Fee: $12.50.

218. CLERICAL SKILLS. (1 or 2) Fall, Spring.
Two areas of study: (1) Filing and records management, and (2) operation and skill development on office secretarial machines — electric typewriters, Executive IBM.

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duplicating machines, and transcribing machines. A student who already has competency in filing may take machines for 1 hour of credit; a student who already has competency in the designated machines may take filing for 1 hour of credit. Instructor's consent is required before enrolling for 1 hour of credit. Prerequisite: 105 or equivalent; consent of instructor if enrolling for 1 hour of credit. Fee: $2.50.

251. SECRETARIAL PROCEDURES. (3) Spring.
An intensive study of the duties required of secretaries, with special emphasis on personal appearance, attitudes and personality traits, as well as the technical requirements. Prerequisites: 102 and 106 or their equivalent; if 107 and 252 have not been taken previously, they should be taken concurrently; 218 or equivalent skills.

252. ADVANCED DICTATION AND TRANSCRIPTION. (3) Spring.
Extensive dictation practice to develop speed to 100-140 words per minute. Practice in technical dictation; procedures for notetaking of speeches. Extra dictation practice in multi-channel dictation laboratory as needed. Emphasis on improvement of transcription techniques and speed. Meets four times a week. Prerequisite: 102 or equivalent ability; and 107 which may be taken concurrently.

255. INTRODUCTORY STATISTICS. (3) Fall, Spring.
A mathematical development of the basic techniques of statistics. Problems of collection and analysis of data, averages, sampling, frequency distribution, index numbers and related topics. Prerequisite: Mathematics 151 or 210.

260. FUNDAMENTALS OF DATA PROCESSING. (3) Fall, Spring.
Basic fundamentals of data processing with emphasis on theory and accounting machines, including key-punches, sorters, collators, reproducing-punches, and interpreters. Fee: $25.00.

315, 316. BUSINESS LAW. (3,3) Fall, Spring.
History of legal development; organization of courts and administrative agencies; legal principles involved in the law of agency; bailments, bankruptcy, carriers, contracts, corporations, creditors' rights, mortgages and liens, insurance, negotiable instruments, partnerships, real property, sales, suretyship, torts and trusts.

317. OFFICE MANAGEMENT. (3) Fall.
The administrative problems of an office; relation of office functions to modern business procedures and management, workflow, office layout and standards, employment problems, equipment and supplies.

350. BUSINESS COMMUNICATIONS. (3) Fall, Spring.
The composition of effective business letters and reports. Emphasis on characteristics of good business writing and development of basic letter plans applicable to principal business functions. Preparation of personal resume and application letter. Extensive practice in letter writing. Prerequisite: 105 or equivalent and English 103.

421x. TEACHING BASIC BUSINESS. (2) Spring.
The objectives and place of business education in the curriculum, the application of methods for the basic business understanding and attitudes in general business subjects and accounting. Designed for all business education majors. Same as Education 421.

422x. TEACHING BUSINESS SKILLS. (1 or 2) Fall.
A continuation of Business 421. The application of methods for teaching the methods and techniques for the development of the skill subjects — typewriting, business machines, and shorthand. Students certifying in Comprehensive Business (Plan I) will take for 2 hours credit; others will take for 1 hour credit and will not take methods of teaching shorthand. Same as Education 422.

450. INDEPENDENT RESEARCH. (1-3) Offered on demand.
For majors with high scholastic ability and clearly defined professional goals. Emphasis placed on research techniques and procedures assignments. Prerequisite: Consent of the major advisor and department chairman.

451. SUPERVISED TEACHING. (6) Fall, Spring.
Same as Education 451.

ECONOMICS

201-202. PRINCIPLES OF ECONOMICS. (3,3) Fall, Spring.
The fundamental theories of economics and their application to the problems of production, distribution, money, wages, rent, profits, taxation, public spending and international trade.

315. ECONOMIC EDUCATION FOR ELEMENTARY TEACHERS. (3) Fall.
Basic economics concepts. The importance of economic education as a means of improving decision making in the market place and at the polls. Emphasis will be placed on how economic knowledge can be incorporated into the elementary school curriculum. Required for certification of all elementary teachers.

320. PERSONAL FINANCE. (3) Spring.
Managing personal finances; topics include inflation, tax problems, insurance, annuities, credit, home ownership, bank accounts, investments, old age and survivors disability insurance and other social security programs.

330. PRINCIPLES OF MARKETING. (3) Spring.
The solution of a variety of problems and cases involving the selection of channels of distribution, product policies of manufacturers and middlemen, price and general marketing procedures.

FINANCE

322. MONEY AND BANKING. (3) Fall.
Current banking institutions and practices, relationship between Federal Reserve System and commercial banks, monetary theory and banking principles. Prerequisites: Accounting 205-206 and Economics 201-202.

323x. REAL ESTATE APPRAISAL, FINANCING, AND MANAGEMENT. (3) Fall. Alternate years; offered 1974-75.
The various approaches to valuation — market, cost, and income; also, the appraisal process, the capitalization of income, gross-rent multipliers, replacement-cost method, and the market comparison method. Sources of mortgage funds, credit analysis, insuring loans, types of leases, and the care and upkeep of property. Prerequisites: Accounting 205-206 and Economics 201-202.

343. MANAGERIAL FINANCE. (3) Fall.
Forms of business organization including the promotion, organization, capitalization, expansion, reorganization and fiscal operations; management and financing of modern corporate forms of business enterprise. Prerequisites: Accounting 205-206 and Economics 201-202.

345. FINANCIAL POLICY AND ADMINISTRATION. (3) Spring. Alternate years; offered 1974-75.
The application of principles developed in managerial finance to strategic decision problems; case method and simulation used extensively. Prerequisite: 343.

352x. SECURITIES ANALYSIS. (3) Spring. Alternate years; offered 1975-76.
An analytical approach to the problem of selected investment, risk determination, delimiting of risks, areas and fields of investment. Prerequisites: Accounting 205-206 and Economics 201-202.

360x. BUDGETING. (3) Spring. Alternate years; offered 1975-76.
Same as Accounting 360.

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254. INDUSTRIAL MANAGEMENT. (3) Spring.
Intensive study of the planning, organizing, and controlling functions of modern industrial management. Emphasis is directed toward the development of a soundly coordinated managerial philosophy in the realm of production, finance, and distribution.

332x. WAGE AND SALARY ADMINISTRATION. (3) Fall. Alternate years; offered 1974-75.
Economic, legal, and social forces affecting wage and salary decision-making; principles and philosophies underlying wage and salary administration; elements of an integrated compensation program. Prerequisite: Economics 201-202.

333x. COLLECTIVE BARGAINING. (3) Spring. Alternate years; offered 1975-76.
Legal and social framework for labor-management relations, union and management viewpoints; organizational relationships, the collective bargaining process, contract negotiation and administration. Prerequisite: Economics 201-202.

368. PERSONNEL MANAGEMENT. (3) Fall, Spring.
Techniques and policies needed to handle human relations problems in business, industry, government and education. Includes organizational relationships, employee selection, training, placement, discharge and labor turn-over. Prerequisite: Psychology 201.

370x. ORGANIZATIONAL BEHAVIOR. (3) Spring. Alternate years; offered 1974-75.
Integration of the human relations factors — attitudes, motivation, formal and informal relationships, communications — involved in business situations. Prerequisite: 368.

430. ADMINISTRATIVE POLICY SIMULATION. (3) Spring.
Use of a management game to integrate and utilize decision-making concepts and techniques studied in earlier courses. Students act as top managers of a company in competition with their rivals in computer-simulated industry. Emphasis on formulation of business objectives, forecasting, planning, and analytical decision-making. Prerequisite: Senior standing or consent of instructor.

Co-operative Education

DIRECTOR:
Winfred O. Wright, Dr. de l'Universite

Students desiring to obtain practical experience while helping finance their education should investigate Harding's co-operative education program. Students who meet the academic and personal qualifications for this program will be expected to complete at least two work assignments during the sophomore, junior, and senior years. Participation in this program will normally require five years for the completion of the degree unless the student attends two summer sessions. Harding College is a member of the Arkansas Consortium for Co-operative Education.

267x. CO-OPERATIVE EDUCATION PROJECT. (2-3) Offered on demand.
Academic credit granted for a special project conducted in connection with a co-operative education work experience under the supervision of a faculty member assigned by the chairman of the department of the student's major field. The project will include written and/or oral reports and an assessment of the educational value of the work experience. A maximum of 6 hours of credit may be earned through two or more work experiences. If a given department decides that the work experience and concurrent study project merit credit in the major field, the department chairman may request the Dean of the College, prior to the completion of the work project and reporting of grades to the Registrar, to approve departmental credit, for example, Mathematics 267 or Sociology 267. Prerequisite: Sophomore standing and joint approval of the department chairman and Director of Co-operative Education.

Department of Education

PROFESSORS:
Edward G. Sewell, Ph.D.
Chairman
James F. Carr, Jr., Ed.D.
Nyal D. Royse, Ed.D.

ASSOCIATE PROFESSORS:
Jerome M. Barnes, Ed. D.
Bobby L. Coker, Ed.D.

ASSISTANT PROFESSORS:
Lois L. Brown, M.A.
Betty Work Watson, M.A.
Murrey W. Wilson, M.A.

Assisting from other Departments:

Representatives from various departments teach the courses in methods involving the high school subjects.

The Department of Education has the primary responsibility for the preparation of students for successful careers in the teaching profession. To this end an undergraduate program leading to the Bachelor of Arts or Bachelor of Science degree and a graduate program leading to the degree of Master of Arts in Teaching have been developed. The undergraduate teacher education program is accredited by the National Council for Accreditation of Teacher Education.

A rather complete curriculum of advanced work in the various subject-matter fields and professional areas is available. Students with suitable personal qualities holding the bachelor's degree are eligible for admission to graduate study. Admission, however, is provisional for those who do not hold a six-year teacher's certificate or its equivalent based on a degree. Graduating seniors within eight semester hours of graduation are eligible to register for graduate work provided they observe the regulations concerning admission to the graduate program. For additional information concerning graduate work see the section on Graduate Studies.

The undergraduate program is structured to meet the needs of two groups of clients; namely, students who need pre-service preparation for teaching and experienced teachers who need additional preparation for self-improvement. Course work for the former group will be scheduled in the fall semester and largely repeated in the spring semester. Course work for inservice teachers will appear on evening schedules during the regular school year and on summer session schedules.

OBJECTIVES OF THE TEACHER EDUCATION PROGRAM

The objectives of the Department of Education at Harding College are:

1. To assist students to gain an understanding of human behavior.
2. To contribute to the objectives of the general education of the individual student.
3. To develop in students a proper understanding and appreciation of the contribution of the schools to our civilization and life.
4. To identify and encourage students with professional promise to enter the teaching profession.
5. To develop in such students the competencies and qualities essential in successful teachers.
6. To provide adequate preparation in both professional and subject-matter courses which the teacher must have to meet fully the responsibilities of his profession.
7. To develop in students the professional attitudes which will enable them to give the finest quality of service and leadership in their profession and in the community.
8. To prepare students for advanced training in education and related fields.

SCOPE AND LIMITATIONS OF THE PROGRAM

One of the major functions of Harding College is the preparation of elementary and secondary public school teachers. This function is served at both the undergraduate and graduate levels. On the undergraduate level elementary teachers are prepared to teach in kindergarten, in grades one through eight, and in special education, and secondary teachers are prepared to teach in the fields of art, biology, business, chemistry, English, French, general science, home economics, journalism, mathematics, music, physical education and health, physics, social science, Spanish and speech. The graduate program is designed primarily to develop superior elementary and secondary teachers in a limited number of areas. The graduate program is not designed to train for administrative, personnel or specialized services except in the area of speech correction.

BASIC BELIEFS OF THE PROGRAM

The education of teachers is an institution-wide function and is the responsibility of the entire faculty. The Department of Education has the primary responsibility for planning and administering the teacher education program. The education of teachers embraces three areas: general education, professional education, and subject field education.

The basic beliefs can be summarized as follows:

1. The teacher should be a superior person.
2. Prospective teachers should develop a real commitment to their chosen profession and to the program of work required in preparing for it.

3. The teacher should be an educated person in both the liberal arts and in the fields of specialization.
4. The teacher should be a professionally educated person.
5. The teacher should enter his professional career as a qualified competent practitioner and as a responsible member of his community.

The following assumptions are made:

1. The minimum amount of training required must be a bachelor's degree.
2. Graduates of the teacher training program must be prepared to teach in public schools of Arkansas and other states of the United States. Elementary teachers must receive training in broad subject areas and specialized content areas as well as in professional courses. Secondary teachers must be trained as specialists in their teaching fields.
3. Graduates from the institution will participate in the total school program and will assume leadership in their school's co-curricular activities and community responsibilities to a degree compatible with their training and ability.
4. Graduates of the institution must be adequately prepared to continue their training at the graduate level in the larger and stronger universities.
5. Selective admission procedures must insure the recruitment of prospective teacher trainees at a steadily increasing level of achievement.
6. Teacher training requires a balance of general, professional, and subject field education.

ORGANIZATION FOR TEACHER EDUCATION

Responsibility for the administration of the total teacher education program is assigned to the Chairman of the Department of Education. The Teacher Education Committee is an institution-wide interdepartmental committee responsible for formulating policies and coordinating all aspects of the teacher education program. The Committee on Admission and Retention to Teacher Education recommends criteria in this area and applies the criteria adopted by the faculty.

GENERAL EDUCATION REQUIREMENTS

The following general education requirements must be satisfied by course credit to satisfy state department certification requirements. These requirements cannot be satisfied by exemption tests.

1. English (excluding Speech, Journalism, and Humanities) — 12 semester hours.
2. Biological Science, Physical Science, and Mathematics (*one course in each*) — 9
3. Social Studies (including a minimum of 3 semester hours U.S. History and 3 semester hours U.S. Government) — 12
4. Physical Education (including P.E. 203 and 3 semester hours of recreation activities) — 6

ADMISSION TO THE TEACHER EDUCATION PROGRAM

All students who wish to prepare for a career in teaching must apply for and be formally admitted to the teacher education program. The faculty believes that those who enter the teaching profession should compare favorably in ability with those entering other professions. The criteria for admission to and retention in the teacher education program include: emotional stability; ability to communicate effectively through speaking and writing; personal, social, moral, and ethical fitness; general intellectual ability; physical fitness; and pre-teaching laboratory experience.

To be admitted to the teacher education program, a student must:

1. Satisfy all requirements for admission to the college.
2. File a Declaration of Intent to enter the program and a Biographical Information Blank in the office of the Department of Education.
3. File a formal application for admission to the program in the office of the Department of Education. This application should be filed during the second semester of the student's sophomore year. Transfer students who plan to teach should make formal application for admission to the Teacher Education Program if they have completed 45 or more semester hours of work. Admission to the Teacher Education Program is a prerequisite for admission to all required professional education courses.
4. Have satisfactorily completed Education 203 or an acceptable equivalent substitute.
5. Have a minimum cumulative grade point average of 2.20* at the time of application.
6. Have earned test scores on the freshman and sophomore tests which would indicate ability to complete successfully the teacher education program.
7. Have demonstrated proficiency in English by the successful completion of English 103-104** with at least a grade of "C" in each course.
8. Be free of physical or mental defects inimical to effective teaching. Records will be made available from the Student Health Service and other school services such as Speech Clinic.
9. Meet acceptable standards of adjustment in the areas of personal, social, moral, and ethical behavior. Letters of recommendation, conference with college personnel accquainted with the student, and special interviews with the student may be used to make evaluations in these areas.
10. Have favorable recommendation of the chairman of his major academic area and/or the recommendation of at least two faculty members with whom he has had courses.
11. Not be on academic probation at time of making application.

*In calculating cumulative averages for admission to the teacher education program and for admission to the directed teaching semester, the averages will be calculated on the total work completed rather than on the work accepted toward the degree.

**For students certifying to teach English, English 323 is accepted in lieu of English 104.

Formal admission to the teacher education program is a prerequisite for enrollment in all junior-senior level education courses required for certification, except Education 302. Students are requested to make application to the program not later than the end of the second semester of their sophomore year. If a student has definitely chosen teaching as a profession earlier than this date, he is advised to file the application as soon as possible after this decision is reached. Every possible effort will be made to counsel the student wisely and adequately; but the student has the responsibility of planning his program so that all requirements are met.

ADMISSION TO THE SUPERVISED TEACHING SEMESTER

Initial admission to the teacher education program does not guarantee retention in it. At least one semester in advance of the semester during which supervised teaching is to be done, request for admission to supervised teaching should be made by filling out the required application form and filing it with the Chairman of the Department of Education.

No student can be admitted to the supervised teaching semester who has not completed the general education requirements or has not programmed them to the satisfaction of the Committee on Admission and Retention to Teacher Education.

Applicants for the supervised teaching semester in elementary education must have completed Education 203, 307, 336, 360, and 15 semester hours selected from the following content and specialization courses: Art 211; Biology 308; Economics 315; English 350; Geography 212; Mathematics 225; Music 116; Physical Education 330; and Speech 315 prior to the supervised teaching semester. Education 320 must be completed prior to or during the supervised teaching semester.

Applicants for the supervised teaching semester in secondary education, except for vocational home economics majors, must have completed Education 203, 307, 336, and one course from Education 419-430, unless this course in special methods and curriculum is scheduled as a part of the supervised teaching semester. They must also have completed, or be able to complete during the supervised teaching semester, the minimum Arkansas certification requirements in the subject-matter area in which supervised teaching is to be done. Students in vocational home economics must have completed Education 307, 336, 424, and Home Economics 322 or 323.

Either Education 307 or Education 336 must be taken in residence at Harding College, and it is strongly recommended that both be taken in residence. Neither course may be taken by correspondence.

To be eligible for admission to the supervised teaching semester the student must:

1. Have been admitted to the Teacher Education Program during the semester prior to enrollment in the supervised teaching semester or earlier.
2. File formal application to the supervised teaching semester. This must be filed prior to the semester in which supervised teaching is to be done.
3. Have approval of the chairman of his academic teaching area.
4. Have approval of his professional counselor.
5. Have on file in the office of the Department of Education a program of studies which has the approval of both his academic and professional counselors.
6. Have completed satisfactorily all catalogued prerequisites for the supervised teaching semester.
7. Have completed, or be able to complete during that semester, the minimum Arkansas requirements in approved subject-matter courses for the area in which he is to do supervised teaching. Home economics majors must have a minimum of 32 hours of the home economics requirements completed.
8. Have a minimum cumulative grade point average of 2.25.*
9. Have a minimum grade point average of 2.40* in his major teaching area for the secondary program. OR: Have a minimum grade point average of 2.40* in the professional and content and specialization courses required for admission to the supervised teaching semester for the elementary program.
10. Not be on academic probation.

SUPERVISED TEACHING SEMESTER

During the supervised teaching semester, elementary education majors will be enrolled in Education 401, 402, 403, 417, and 441; secondary education majors, except for vocational home economics majors, will be enrolled in Education 320, 417, 450 and 451. Students majoring in vocational home economics will be enrolled in Education 320. 417, 451 and Home Economics 405, 412. Special methods for secondary teachers, Education 419-430, must be taken prior to or concurrent with the supervised teaching semester. Courses required in the supervised teaching semester must be taken in residence at Harding College unless approved otherwise by the Teacher Education Committee.

CURRICULA

Major in Educational Media: 42 hours, including Education 320, 431, 432, 433, 434; 12 hours from Art 103, 104, 200, 221-222, 249-250, 345-365; 9 hours from Journalism 303, 304, 305, 322; and Speech 141, 251, 280, 281. A minor is required.

Major in Elementary Education: 31 semester hours including Education 203, 302, 307, 320, 336, 360, 401, 402, 403, 417 and 441. The following content and specialization courses must be completed: Art 211; Biology 308; Economics 315; English 350;

*In calculating cumulative averages for admission to the teacher education program and for admission to the directed teaching semester, the averages will be calculated on the total work completed rather than on the work accepted toward the degree.

Geography 212; Mathematics 101, 225; Music 116; Physical Education 203, 330; and Speech 315. A minor is required and appropriate content and specialization courses listed above may be counted in the minor. For certification as a kindergarten teacher, Education 410, 411 and 481 must also be completed.

Major in Special Education (Mental Retardation emphasis): 43 hours in Education 203, 302, 320, 336, 360, 401, 402, 405, 406, 407, and 471; Psychology 400; Psychology 410 or Art 415; and Speech 250. In addition, the following content and specialization courses must be completed: Art 211; Biology 308; Economics 315; English 350; Geography 212; Mathematics 101, 225; Music 116; and Physical Education 203, 330.

Major in Special Education (Specific Learning Disabilities emphasis): 43 hours in Education 203, 302, 320, 336, 360, 401, 402, 403, 407, 408, 409, and 475; Psychology 400; Psychology 410 or Art 415; and Speech 250. In addition, the following content and specialization courses must be completed: Art 211; Biology 308; Economics 315; English 350; Geography 212; Mathematics 101, 225; Music 116; and Physical Education 203, 330.

A student may certify to teach in both special education areas by completing both sets of special education requirements. This means completing Education 405, 406, 407, 408, 409, 471, and 475 in addition to the requirements common to both majors.

Major in Secondary Education: 30 semester hours, including Education 203, 307, 320, 336, 417, one course from 419-430, 450, 451 and at least 6 additional hours of education elected from Education 260, 302, 325, 351, 380, 400, 405, 407, 408, 409, 413, other courses from 419-430, 431, 432, 433, and 434. In addition, 6 hours of physical education including Physical Education 203 and three hours of physical education activity courses must be completed.

It is strongly recommended that secondary teachers major in a subject-matter area rather than in education. Secondary teachers, however, must include in their programs Education 203, 307, 320, 336, 417, one course from 419-430, 450, 451 (or 461); and 6 hours of physical education including Physical Education 203 and three hours of physical education activity. All students planning to teach on the secondary level must major in a subject matter area or meet minimum Arkansas certification requirements in at least two subject-matter areas.

History 101 and Political Science 205, or equivalent, are required of *all* students certifying to teach.

Required of All Teachers:

203. PRINCIPLES OF HUMAN GROWTH AND DEVELOPMENT. (3) Fall, Spring.

The physical, mental, emotional, social, and psychological development of the human individual. Special attention is given to the application of the principles of psychology to an understanding of human growth and development during the childhood and adolescent periods. Six hours of observation are required.

307. EDUCATIONAL PSYCHOLOGY. (3) Fall, Spring.

The basic processes and principles of human behavior, the development and growth of man's equipment for learning, the learning process, learning and forgetting, motivation, principles of learning, with special efforts to make application of the principles of psychology to the problems of the classroom teacher. Requires a minimum of 12 hours of laboratory work. Either 307 or 336, preferably both, must be completed in residence at Harding. Cannot be taken by correspondence. Prerequisite: Formal admission to the teacher education program.

320. AUDIO-VISUAL AIDS. (2) Fall, Spring.

Technical problems related to audio-visual equipment, the value and importance of these aids to learning and their use in actual teaching situations. Laboratory periods to be arranged. Prerequisite: Formal admission to the teacher education program. Fee $5.00.

336. HISTORY AND PHILOSOPHY OF EDUCATION. (3) Fall, Spring.

A study of the history and some of the major philosophies of education in the United States. Requires a minimum of 6 hours of laboratory work. Either 307 or 336, preferably both, must be taken in residence at Harding. Cannot be taken by correspondence. Prerequisite: Formal admission to the teacher education program.

417. TESTS AND MEASUREMENTS. (3) Fall, Spring.

Deals with problems of evaluation; how to improve the grading systems in the school; construction and evaluation of tests; uses and interpretation of test results. Prerequisites: Same as for Education 441 or 451. Should be taken during the supervised teaching semester; exceptions must be approved in advance by the Chairman of the Education Department.

Additional Courses Required of All Elementary Teachers:

302. INTRODUCTION TO SPECIAL EDUCATION. (2) Fall, Spring.

Introduction to different special education areas with consideration given to psychology and education of problems of autism, mental retardation, orally handicapped, blind, gifted, and emotionally handicapped. Developed for the classroom teacher. Prerequisite: Formal admission to the teacher education program or the speech therapy program.

360. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.

Prerequisite: Formal admission to the teacher education program.

401. METHODS IN ELEMENTARY MATHEMATICS. (2) Fall, Spring.

Requires at least 6 hours of laboratory work which includes collection and organization of materials for supervised teaching. Prerequisites: Same as for Education 441. This course should be taken during the supervised teaching semester.

402. METHODS IN ELEMENTARY SCIENCE. (2) Fall, Spring.

Requires at least 6 hours of laboratory work which includes the collection and organization of materials for supervised teaching. Prerequisites: Same as for Education 441. This course should be taken during the supervised teaching semester.

403. METHODS IN ELEMENTARY READING AND SOCIAL STUDIES. (2) Fall, Spring.

Requires at least 6 hours of laboratory work which includes collection and organization of materials for supervised teaching. Prerequisites: Same as for Education 441. This course should be taken during the supervised teaching semester.

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441. SUPERVISED TEACHING. (6-8) Fall, Spring.
A minimum of eight weeks of teaching in a regular school situation under the supervision of a qualified supervising teacher required. Prerequisites: Education 203, 302, 307, 320, 360, 417; a minimum of 15 hours from Art 211, Biology 308, Economics 315, English 350, Geography 212, Mathematics 225, Music 116, Physical Education 330, Speech 315; and formal admission to the supervised teaching semester. Transfer students with advanced standing in Education 307 or 336 may be requested to do additional laboratory work in the course taken in residence here: Application to the supervised teaching semester must be filed with the Chairman of the Department of Education the semester prior to the semester in which supervised teaching is to be done. The maximum credit that can be earned during the supervised teaching semester is normally 17 hours, but the Dean may permit 18 hours when circumstances justify. Credit by transfer for courses required in the supervised teaching semester will be accepted only upon approval of the Teacher Education Committee. Fee $25.00.

Additional Courses Required of All Special Education Teachers:

407x. PSYCHOLOGY OF EXCEPTIONAL CHILDREN. (3) Spring.
A study of those children to be considered exceptional, in reference to their education and psychological needs, with discussion of all phases and concepts of exceptionality. Prerequisite: 203 or Psy. 240.

A. Mentally Retarded Emphasis:

405x. METHODS OF TEACHING THE MENTALLY RETARDED. (3) Fall.
Instruction in modern methods of teaching the mentally retarded, includes discussion of the necessary curriculum, underlying philosophy, and general goals of teaching the mentally retarded. Prerequisite: 302 or consent of department chairman.

406x. NATURE AND NEEDS OF THE MENTALLY RETARDED. (3) Spring.
Study of the nature and needs of the mentally retarded with emphasis on physical, motor, mental, language, emotional and social development and discussion of the necessary curriculum to meet their special needs. Prerequisite: 302 or consent of department chairman.

471x. SUPERVISED TEACHING MENTALLY RETARDED. (6-8) Fall.
A minimum of eight weeks of teaching mentally retarded under supervision of a qualified supervising teacher. Prerequisites: a minimum of 15 hours Educ. 405, 406, 407, Psy. 400, 410, and Speech 250; a minimum of 15 hours from Art 211, Biology 308, Economics 315, English 350, Geography 212, Mathematics 225, Music 116, and Physical Education 330; and formal admission to the supervised teaching semester. Application to the supervised teaching semester must be filed with the Chairman of the Department of Education the semester prior to the semester in which supervised teaching is to be done. The maximum credit that can be earned during the supervised teaching semester is normally 17 hours, but the Dean may permit 18 hours when circumstances justify. Credit by transfer for courses required in the supervised teaching semester will be accepted only upon approval of the Teacher Education Committe. Fee: $25.

B. Specific Learning Disabilities Emphasis:

408x. NATURE AND NEEDS OF CHILDREN WITH SPECIFIC LEARNING DISABILITIES. (3) Fall
Problems encountered by the child with learning disabilities and his specific needs in terms of educational, social, and psychological development.

409x. EDUCATIONAL PROCEDURES FOR CHILDREN WITH SPECIFIC LEARNING DISABILITIES. (3) Spring.
Disorders of auditory and written language, reading, arithmetic; and non-verbal disorders of learning with emphasis placed on the educational and psychological needs of the learning disabled student.

475x. SUPERVISED TEACHING CHILDREN WITH SPECIFIC LEARNING DISABILITIES. (6-8) Spring.
A minimum of eight weeks of teaching mentally retarded under supervision of a qualified supervising teacher. Prerequisites: a minimum of 15 hours from Education 407, 408, 409; Psychology 400, 410 (or Art 415), and Speech 250; a minimum of 15 hours from Art 211, Biology 308, Economics 315, English 350, Geography 212, Mathematics 225, Music 116, and Physical Education 330; and formal admission to the supervised teaching semester. Application to the supervised teaching semester must be filed with the Chairman of the Education Department the semester prior to the semester in which supervised teaching is to be done. The maximum credit that can be earned during the supervised teaching semester is normally 17 hours, but the Dean may permit 18 hours when circumstances justify. Credit by transfer for courses required in the supervised teaching semester will be accepted only upon approval of the Teacher Education Committee. Fee: $25.

Additional Courses Required of All Kindergarten Teachers:

410Gx. KINDERGARTEN CURRICULUM. (3) Fall.
Study of techniques of teaching the content of the kindergarten curriculum. Minimum of 6 hours of laboratory work. Prerequisites: 203, or equivalent, and 307.

411Gx. KINDERGARTEN METHODS AND MATERIALS. (3) Spring.
Objectives, materials and methods of teaching in the kindergarten. Minimum of 6 hours of laboratory work. Prerequisites: 203, or equivalent, and 307.

481x. KINDERGARTEN PRACTICUM. (3-6) Fall, Spring.
Practical application of theories and methods in working with pre-school children. Students who have completed 441 in grades 1-3 need take this for only 3 hours. Other students certifying for kindergarten will take for 6 hours either as part of the "block semester" or following supervised teaching. Prerequisites: 203, 307, 320, 336, 360, and 410 or 411; a minimum of 15 hours from Art 211, Biology 308, Economics 315, English 350, Geography 212, Mathematics 225, Music 116, Physical Education 330, Speech 315; and formal admission to the supervised teaching semester. Transfer students with advanced standing in Education 307 or 336 may be requested to do additional laboratory work in the course taken in residence here. Application to the supervised teaching semester must be filed with the Chairman of the Department of Education the semester prior to the semester in which the practicum is to be done. The maximum credit which can normally be earned during the practicum semester is 17 hours. Credit by transfer for courses required in the supervised teaching semester will be accepted only upon approval of the Teacher Education Committee. Fee $25.00.

Additional Courses Required of All Secondary Teachers:

419-430. SPECIAL METHODS OF TEACHING HIGH SCHOOL SUBJECTS.
The courses listed below deal with the curriculum and methods ot teaching the various high school subjects. At least one of these special methods courses is either a prerequisite or a corequisite to the supervised teaching semester. Prerequisite: Formal admission to the teacher education program.

419x. METHODS OF MODERN FOREIGN LANGUAGE TEACHING. (3) Fall.
Instruction in modern methods of language teaching, and training in their uses. Required of all students certifying to teach a foreign language on the secondary level.

Harding University
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420. TEACHING ART. (3) Spring. Same as Art 420.

421x. TEACHING BASIC BUSINESS. (2) Fall.
Same as Business 421.

422x. TEACHING BUSINESS SKILLS. (1-2) Spring.
Same as Business 422.

423. TEACHING ENGLISH. (3) Spring.

424. TEACHING HOME ECONOMICS. (3) Fall.
Same as Home Economics 424.

425. TEACHING MATHEMATICS. (3) Spring.

426. SECONDARY MUSIC METHODS. (3) Spring.
Same as Music 426.

427. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR SECONDARY SCHOOLS. (3) Spring.
Same as Physical Education 427.

428. TEACHING SCIENCE. (3) Spring.

429. TEACHING SOCIAL SCIENCE. (3) Fall.

430. TEACHING SPEECH. (3) Fall.
Same as Speech 430.

450. STUDENT TEACHING SEMINAR. (1) Fall, Spring.
Preparation for student teaching through study of practical problems, observations, and visiting speakers; discussion of common problems during student teaching; and evaluation of remedial work on weaknesses discovered during student teaching. Prerequisite: Enrollment in 451 or 461.

451. SUPERVISED TEACHING. (6-8) Fall, Spring.
A minimum of eight weeks of teaching in a regular school situation under the supervision of a qualified supervising teacher is required. Prerequisite: Education 203, 307, 336, one course from 419-430, and formal admission to the supervised teaching semester. Education 419-430 may be taken concurrently. Transfer students with advanced standing credit in Education 307 or 336 may be required to do addition laboratory work in the course taken in residence here. Application to the supervised teaching semester must be filed with the Department of Education the semester prior to the semester in which supervised teaching is to be done. The maximum credit which can be earned during the supervised teaching semester is normally 17 hours, but the Dean may permit 18 hours when circumstances justify. Credit by transfer for courses required in the supervised teaching semester will be accepted only upon approval of the Teacher Education Committee. The final grade in this course will not be submitted to the Registrar's Office until all certification requirements in two fields, where applicable, have been satisfactorily completed. Fee $25.00.

Supervised Teaching to Certify for Grades K-12:

461. SUPERVISED TEACHING Fall, Spring.
All students certifying in Art or Music must take Education 461. Physical education majors who wish to certify for grades K-12 must take 461 and also include Physical Education 129 and 330 in their program. Prerequisites for admission are the same as for Education 451 except for additional courses that will be designated by the chairman of the Department of Education. Read the course description for Education 451. Fee $25.00.

Electives:

260. MEASUREMENTS FOR BEHAVIORAL SCIENCES. (3) Fall.
Same as Psychology 260.

325. STATISTICS. (3) Spring.
Same as Psychology 325.

339x. COMPARATIVE EDUCATION. (3) Summer. Offered on sufficient demand.
Offered in conjuction with 539.

351. COUNSELING. (3) Fall.
Same as Psychology 351.

380. PSYCHOLOGY OF PERSONALITY. (3) Fall.
Same as Psychology 380.

400. PSYCHOLOGICAL TESTING. (3) Offered on sufficient demand.
Same as Psychology 400.

413. SCHOOL SUPERVISION. (3) Offered in conjunction with 554.
Study of the philosophy, principles, and techniques of supervision. Prerequisites: Consent of the chairman of the department.

431. EDUCATIONAL MEDIA. (3) Offered on sufficient demand.
The development of techniques in the use of multi-media in instruction; the production of transparencies; a study of recent developments in educational media; a study of research in the use of programmed instruction; and a review of basic audio-visual materials and machines. Fee $5.00.

432. INDEPENDENT STUDY — MEDIA ADMINISTRATION AND RESEARCH. (3) Offered on demand.
Research in administration and production of media programs. Management of an integrated program, including production, selection, utilization, and administration of communications media.

433. INDEPENDENT STUDY — PRODUCTION OF MEDIA. (3) Offered on demand.
The use of educational media in meeting instructional objectives. The development of slides, filmstrip, films, and multi-media programs. The application of educational psychology to media programming.

434. INDEPENDENT STUDY — MEDIA FIELD EXPERIENCES. (3) Offered on demand.
Guided experiences in actual radio and television programming, script writing and media techniques. Performed in cooperation with a commercial and/or educational television station.

Graduate Education Courses:

502x. INTRODUCTION TO SPECIAL EDUCATION. (3) Fall, Spring.
Introduction to different special education areas with consideration given to autism, mental retardation, orally handicapped, blind, gifted, and emotionally handicapped. Developed for the classroom teacher. Not open to those who have credit in 302.

520. EDUCATIONAL MEDIA. (3) Offered on sufficient demand.
Offered for graduate students in conjunction with 431. Credit may not be earned in both 431 and 520. Fee $5.00.

521. MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL. (3) Fall.
Objectives, content and materials, curricula, organization, methods of teaching, and current problems in the field of teaching mathematics and science. One-half semester will be devoted to each area.

522. SOCIAL STUDIES AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. (3) Spring.

Objectives, content and materials, curricula, organization, methods of teaching, and current problems in the field of teaching elementary social studies and language arts. One-half semester will be devoted to each area.

524. EVALUATION IN THE ELEMENTARY SCHOOL. (3) Summer.

The objectives of evaluation. Types of evaluation instruments. Selection, interpretation and use of evaluation instruments used in the elementary school.

527. IMPROVEMENT OF INSTRUCTION IN ELEMENTARY SCHOOLS. (3) Spring.

The problems and difficulties confronting the elementary school teacher. Current research and readings in educational literature are investigated as a basis for the improvement of instruction in classroom situations.

529x. TEACHING THE BIBLE IN THE PUBLIC SCHOOLS. (3) Summer. Offered 1974.

A study of the legal questions, methods of incorporating Bible study in the curriculum of the public schools, problems, methods of teaching, and other aspects of encouraging the teaching of the Bible in the public schools.

530. TEACHING READING IN THE PRIMARY GRADES. (3) Summer. Offered on sufficient demand.

Study of techniques and research appropriate to teaching reading in lower grades of elementary school; emphasis on inter-relationship of language arts; readiness; individual differences; word recognition skills; oral reading; evaluation of reading materials and reading progress; new trends in teaching reading.

531x. SELECTED TOPICS IN ELEMENTARY SCIENCE METHODS. (3) Summer. Offered on sufficient demand.

Emphasizes the experimental approach to science teaching in the elementary grades.

532. DEVELOPMENT AND ADMINISTRATION OF THE CURRICULUM. (3) Fall.

Curriculum construction and organization, oriented in terms of actual difficulties faced in curriculum revision. Affords special study of curriculum problems confronting the students in the course. Appraises curriculum demands of modern society as they pertain to principles, issues and concepts. Considers desirable form and content of the school program and techniques of enrichment.

536. IMPROVEMENT OF INSTRUCTION IN THE SECONDARY SCHOOL. (3) Spring.

Designed to give practical assistance to the high school teacher; a critical study of current practices and trends in high school teaching.

537. INDIVIDUALIZATION OF INSTRUCTION. (3) Summer. Offered on sufficient demand.

A critical evaluation of the procedures utilized in caring for individual differences in the regular classroom.

538. PSYCHOLOGY OF LEARNING. (3) Spring.

A study of selected research in human learning and the fundamental principles of the learning process. Survey of the major theories of learning developed by contemporary psychologists.

543. PHILOSOPHY OF EDUCATION. (3) Summer. Offered on sufficient demand.

Nature, techniques and aims of education in the light of representative educational philosophies. Attention to their influence upon present day educational thought and practice. Consideration given to the understanding of concepts and terms peculiar to the field.

545. EDUCATIONAL SOCIOLOGY. (3) Spring.

The study of educational theories, principles and practices in the light of current sociological concepts, with special reference to educational problems arising from our rapidly changing social, economic and political conditions. Educational needs and adaptation of training institutions in terms of educational change; ways in which selective culture factors and trends affect the process of organization of education.

552. RESEARCH METHODS. (3) Fall.

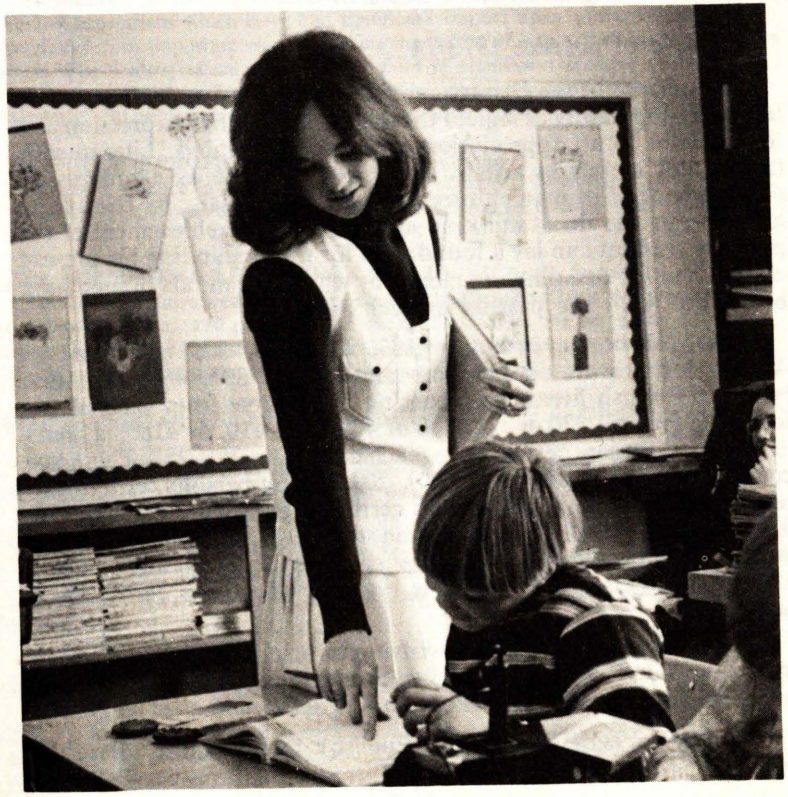
Essential techniques involved in research work, selecting and defining problems, treatment and interpretation of data and research reporting. Types of research, criteria for selecting and planning a problem, preparing bibliographies, securing data for various types of research, the organization, preparation and interpretation of materials.

554. SUPERVISION OF INSTRUCTION. (3) Offered on sufficient demand.

Contribution of supervision to teaching through leadership in curriculum development, guidance, student activities, school services and other phases of the school as a social enterprise. Special techniques of improvement of teaching and learning through utilization of the processes of democratic participation, guidance, research, social forces and trends.

558. THESIS AND RESEARCH. (3-6) Offered on demand.

The amount of credit earned in this course will depend upon the comprehensiveness and quality of the research undertaken. Methods and techniques of research are treated and applied to the selection of a problem or topic, and the organization and interpretation of materials appropriate thereto.



Department of English Language and Literature

ASSISTANT PROFESSORS:
Gary D. Elliott, Ph.D.
Chairman
*Josephine Cleveland, M.A.
*Alice K. Jewell, M.A.
Duane McCampbell, M.A.
*Dennis M. Organ, M.A.
Charles Pittman, M.A.
Lawrence Eugene Underwood, M.Ed.
Edward White, M.A.

ASSOCIATE INSTRUCTORS:
Rodger Lee Brewer, B.A.
Joe E. McReynolds, B.A.

Assisting from other departments:

PROFESSOR:
Neil B. Cope, Ph.D.

ASSISTANT PROFESSORS:
Betty Work Watson, M.A.
Dorothy S. Wright, Dr. de l'Universite

* On leave of absence 1973-74

The purpose of the Department of English is to assist the student in developing habits of logical thinking and effective expression and to lead him to an appreciation of the creative mind. Literature is treated not merely as artistic expression but also as a progressive development of human culture, thought, and ideals. By relating to his own age the finest thinking and the highest achievement of the past, the student can lay a foundation for understanding his present culture and for grasping the means by which the minds of men have broadened with the passing of each age.

Major: 33 hours, including 103, 201, 202, 300; six hours of American literature chosen from among 301, 302, 408, 411; nine hours of English literature, choosing one course from each of the following groups: 370 or 371; 380 or 400; 402, 410, or 418; six hours of electives. Majors certifying to teach must take 251, 252. These two courses may be substituted for 201, 202 only by persons certifying to teach English. Also, those persons certifying to teach must take 322, 323, but may delete 300. In addition, two years of a modern foreign language are required of majors not certifying to teach and one year of a modern foreign language is required of majors certifying to teach.

Minor (required of minors certifying to teach English): 24 hours, including 103, 251, 252, 322, 323; six hours in American literature; 3 hours of elective advanced work in English.

Minor (if not certifying to teach English): 18 hours, including 103, 201, 202, and 6 hours of advanced work.

All students preparing to teach in elementary or secondary schools must satisfactorily complete 103-104 or the equivalent. For students certifying to teach English 323 is accepted in lieu of 104. A grade of at least "C" in each course is required for admission to the Teacher Education Program. For high school teachers of English, a foreign language minor or second teaching field is very useful. Also, since high school teachers of English are often expected to coach debate and to supervise the student newspaper, Speech 125 and Journalism 201 are also desirable electives. Speech 255 is also a very desirable elective for prospective English teachers.

103. INTRODUCTION TO COMPOSITION, RHETORIC, AND RESEARCH. (3) Fall, Spring.
This course stresses principles of effective writing. Also, the student is given specific instruction in using the library, in research methods, and in writing the research paper.

104. INTRODUCTION TO LITERATURE AND COMPOSITION. (3) Fall, Spring.
Introducing the student to literature with special attention being given to poetry, drama, and short fiction, this course also gives the student the opportunity to develop further his writing skills.

201, 202. LITERATURE OF THE WESTERN WORLD. (3,3) Fall, Spring.
Emphasizing writers whose ideas are representative of concepts, movements, or creative expressions which have had significant impact upon western culture, this course examines important views regarding the nature of man and of his place in the world. The reading selections sweep the field of significant creative writing from classical times into the Twentieth Century. The course is closely related to Art 101 and Music 101, which concern principles underlying creative work in art and music.

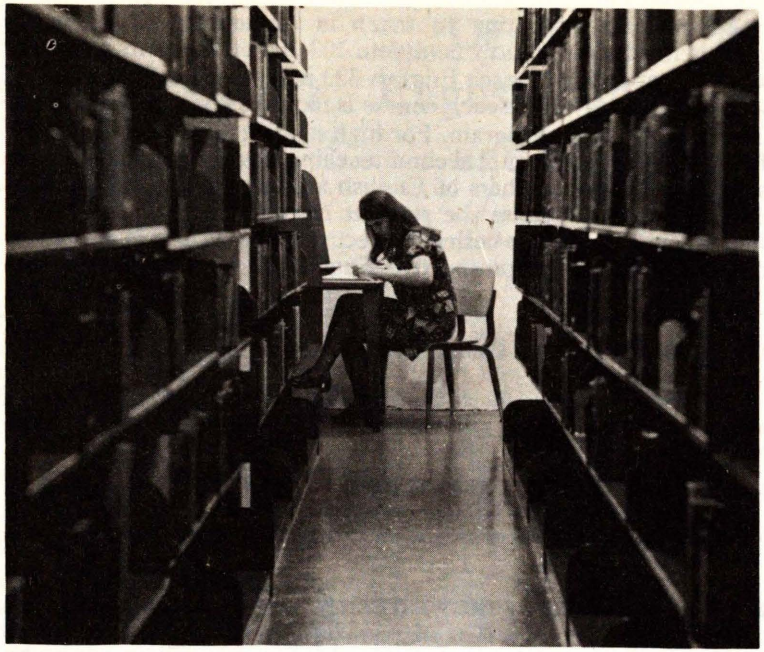
249. ENGLISH PROFICIENCY. (3) Spring, Summer.
Intensive practice in writing. Passing this course will satisfy the junior English proficiency test. Open only to juniors and seniors. Does not count toward the major or minor.

251x, 252x. BRITISH LITERATURE SURVEY. (3,3) Fall, Spring.
This course examines the developments and significance of British literature, with its historical, social, and philosophical backgrounds from the beginning to present times. Designed for English majors. For those persons certifying to teach English, 251 and 252 are required and may be taken in lieu of 201 and 202.

300x. HISTORY OF THE ENGLISH LANGUAGE. (3) Spring. Offered on sufficient demand.
This course is designed for students planning to attend graduate school; traces the development of the English language from Anglo-Saxon to modern English.

301, 302. AMERICAN LITERATURE. (3,3) Fall, Spring.
This course examines the developments and significance of American literature, with its historical, social, and philosophical backgrounds from the beginning to present times.

322. SYSTEMS OF ENGLISH GRAMMAR. (3) Fall, Spring.
Stressing the basic principles of English grammar, this course is designed particularly for students who plan to teach English and for those who need a broad understanding of language structure. The course reviews functional linguistics, comparative grammars, and syntax.



323. ADVANCED COMPOSITION — CREATIVE WRITING. (3) Fall.
A study of professional writing techniques, with emphasis on the demands of various literature media. Students are expected to write for publication, and this may include fiction and verse. Applicable aspects of style, rhetoric, and effectiveness are reviewed.

350. CHILDREN'S LITERATURE (3) Fall, Spring.
This course provides a study of the types and sources of children's literature, involves the extensive reading necessary to acquaint a prospective teacher with the wealth of material available in the field, and demonstrates procedures in the teaching of literature to children. It does not count toward the major. Only students majoring in elementary education may count it toward the minor. Prerequisite: Education 203.

370. OLD AND MIDDLE ENGLISH LITERATURE. (3) Fall.
With emphasis on Chaucer, this course is designed to give the interested student the opportunity to study this period of British literature in depth.

371. SHAKESPEARE. (3) Spring.
This course outlines Shakespeare's development as a dramatic artist and as an interpreter of humanity. It gives attention not only to the resourcefulness of his language but to the penetration of his thought, the breadth of his sympathies and understanding, and the wholeness of his view.

380. RENAISSANCE AND SEVENTEENTH CENTURY BRITISH LITERATURE. (3) Spring. Alternates with 400G. Offered 1974-75.
Excluding Shakespeare, this course gives attention to major writers of the period, including sonneteers, dramatists, Spenser, Donne, and Milton.

400G. RESTORATION AND NEO-CLASSIC LITERATURE. (3) Spring. Alternates with 380; offered 1975-76.
This course deals with Dryden, Pope, Swift, Johnson, and other significant contributors to English Restoration and Neo-Classic literature.

402G. BRITISH ROMANTIC POETRY. (3) Fall. Alternates with 404G; Offered 1975-76.
In this course the poetry of Wordsworth and Coleridge, of Keats, Shelley, and Byron is examined in depth, with appropriate attention to the scholarship devoted to the period.

404G. VICTORIAN POETRY. (3) Fall. Alternates with 402G; offered 1974-75.
A study of Victorian poetry is the logical sequel to a study of Romantic poetry. This course gives major emphasis to Tennyson and Browning but notes also lesser figures of the Victorian period.

407G. MODERN DRAMA. (3) Spring. Alternates with 410G; offered 1975-76.
The major dramatists of England, Europe, and America from Ibsen to the present are the subjects of this course. The course examines changes in dramatic technique, social and philosophical backgrounds, and cultural concepts. It affords opportunity for extensive reading in dramatic literature.

408Gx. AMERICAN SHORT STORY. (3) Spring.
Focusing upon a particular genre, this course provides the student an opportunity to increase his ability to read carefully and to explicate profitably. Students certifying to teach are encouraged to enroll in this course.

410Gx. MODERN LITERATURE. (3) Spring. Offered 1975-76.
This course deals with British and American literature of the twentieth century, exclusive of drama. It is designed to cover authors and developments that cannot be given adequate attention in either 252 or 302.

411G. AMERICAN NOVEL. (3) Fall.
This course follows the development of the American novel from its early instances to the present time. It involves a careful study of selected novels by Cooper, Hawthorne, Twain, Howells, Crane, Dreiser, Hemingway, Steinbeck, and others.

418G. BRITISH NOVEL. (3) Spring. Alternate years; offered 1974-75.
This course deals with representative selections from major British novelists ranging chronologically from Henry Fielding to Somerset Maugham. Organized upon close textual discussions of the novels but primarily critical in nature, it also stresses historical aspects of selected writers.

450. INDEPENDENT STUDY. (1-3) Offered on demand.
When in the judgment of the chairman of the English Department and of the appropriate member of the English faculty a senior student majoring in English can advantageously embark upon an independent study project, the content of this course may be adapted to his specific needs. Independent study will be approved only for students displaying an unusual degree of emotional, intellectual, and academic maturity.

530. INDEPENDENT STUDY IN LITERATURE. (1-3) Offered on demand.
When in the judgment of the chairman of the English Department and of the appropriate member of the English faculty a graduate student majoring in English can advantageously embark upon an independent study project, the content of this course may be adapted to his specific needs. Independent study will be approved only for students displaying an unusual degree of emotional, intellectual, and academic maturity.

General Science

The Departments of Biological Science, Mathematics and Physical Science cooperate in offering an interdepartmental major. This program in general science is designed for those who need training in several branches of science in order to teach science in high school and for those who for any other reason desire a broad understanding and appreciation of the sciences. Both the Bachelor of Arts and the Bachelor of Science degrees are offered in general science. Since they will need to take 21 hours of approved courses in education, those planning to certify to teach in the minimum time should elect the Bachelor of Arts program, should omit from the general education program Mathematics 101 and Physical Science 102, and should take Education 203 instead of Psychology 201.

Major (Bachelor of Arts): 53 hours in the biological and physical sciences and mathematics including Biology 111, 152; Chemistry 111 and 112 or 115; Mathematics 152; Physical Science 101; Physics 201-202; and a total of 24 hours of advanced work in two of the following fields — biology, chemistry, mathematics and physics — with a minimum of 6 hours in each of the two selected. A minor is not required.

Major (Bachelor of Science): 67 hours in the biological and physical sciences and mathematics including Biology 111, 152; Chemistry 111 and 112 or 115; Mathematics 151, 152 or 171; Physical Science 101; Physics 201-202; and a total of 24 hours of advanced work in two of the following fields — biology, chemistry, mathematics — with a minimum of 6 hours in each of the two selected. A minor is not required.

Minor: 35 hours in the biological and physical sciences and mathematics including Biology 111, 152; Chemistry 111 and 112 or 115; Mathematics 152; Physical Science 101; Physics 201-202; and 6 hours of advanced work in the area.

For a description of course offerings consult the Department of Biological Science, the Department of Mathematics, and the Department of Physical Science.

Department of History and Social Science

PROFESSOR:
Clifton L. Ganus, Jr., Ph.D.

ASSOCIATE PROFESSORS:
Raymond Muncy, Ph.D.
Chairman
Virgil H. Lawyer, M.A.
Dallas Roberts, M.A.
Joe T. Segraves, Ph.D.

ASSISTANT PROFESSORS:
*Fred R. Jewell, M.A.T., M.A.
*Thomas R. Statom, M.A.T.
V. Ponder Wright, M.S.

INSTRUCTORS:
Earl W. Cobill, M.A.
Thomas M. Howard, M.A.

* On leave of absence 1973-74

The work of the department is designed to give students basic information concerning the social forces and institutions which affect civilizations and the fundamental principles underlying enlightened citizenship and international relations; to prepare teachers for elementary and secondary schools; to furnish the knowledge and academic discipline needed for graduate study in history, political science, sociology or social science; to provide the pre-professional background for the fields of law, government service, social work or some related professional field.

Students preparing to teach social science in secondary schools must complete 9 hours of American history, 6 hours of European history, 3 hours of American national government and a total of 6 hours selected from at least two of the following fields: economics, geography, and sociology. In addition to certifying in the broad area of social science, a student should keep in mind that 9 hours in a specific field of social science are required for certification in that field. For example, 9 hours of geography are required to certify in geography or 9 hours of European history are required to certify in European history.

BACHELOR OF ARTS DEGREE

HISTORY

Major: 30 hours in history and social science, of which 18 hours must be advanced-level hours, and including History 101, 111, 430; two courses elected from History 301, 302, 340, and 403; Political Science 202 or 420; Social Science 450; and 10 additional hours in history. In addition, one year of a modern foreign language is required.

Minor: Political Science 202 or 420 and 15 hours in history, of which 6 hours must be advanced-level hours, and including History

101, 111, and one course elected from History 301, 302, 340, and 403.

POLITICAL SCIENCE

Major: Social Science 450 and 28 hours in political science including 202 or 420, 205, 251, 300, and 305. In addition, one year of a modern foreign language is required.

Minor: 18 hours in political science including 202, 205, 251, and 305.

SOCIAL SCIENCE

Major: 53 hours in social science including Economics 201-202; Geography 212; History 101, 111, 430; two courses elected from History 301, 302, 340, and 403; Political Science 202 or 420, 205, 251; Social Science 450; Sociology 203; 6 additional advanced hours in American history; 3 additional advanced hours in non-American history; and 6 additional hours elected from economics, geography, political science, and sociology. A minor is not required.

Minor: 18 hours of social science including 6 hours of advanced credit.

Minor (for students preparing to teach social science in secondary schools): 24 hours of social science including 6 hours of advanced credit. This must include 9 hours in American history, 6 hours in non-American history, 3 hours in American national government, and a total of 6 hours selected from two of the following fields, economics, geography, and sociology. For this minor Economics 201 and Political Science 205 should be elected in satisfying general education requirements. An upper-level American history course and an upper-level European history course will normally be taken for the advanced credit.

BACHELOR OF SCIENCE DEGREE

AMERICAN STUDIES

Major: 62 hours in American Studies, including Economics 201-202; Geography 212; History 101, 111; two courses elected from History 301, 302, 340, and 403; Political Science 202, 205, 251; Social Science 450; Sociology 203; 6 hours in American literature from English 301, 302, 411; 6 additional hours in American political scene from Political Science 354, 422, 435; 3 additional hours in American culture from Sociology 305, 355, 405; 3 additional hours in American economic scene from Finance 322 or Management 254; 6 additional hours in American history from History 301, 302, 340, 366, 403, 420, 441; Journalism 401 or an elective approved by the chairman of the department. In addition, one year of a modern foreign language is required.

Minor: 30 hours in American Studies, including History 101, 111; two courses elected from History 301, 302, 340, and 403; Political Science 202, 205; Sociology 203; and 9 additional hours selected from three of the five fields listed under the major.

GEOGRAPHY

212. FUNDAMENTALS OF GEOGRAPHY. (3) Fall, Spring.
Physical geography including climates, soil, river systems, and mountain ranges. The aspects of geography affecting racial division and human population.

300x. WORLD GEOGRAPHY. (3) Fall.
A survey of the major geocultural areas of the world, focusing on both the physical traits (land, forms, climate, natural resources, etc.) and the land-man relationships in the area (land uses, population description, etc.) Prerequisite: Geography 212.

400x. URBAN GEOGRAPHY. (3) Spring. Alternate years; offered 1974-75.
A spatial analysis of the origins, development, internal environments, regional relationships, and contemporary problems of urban centers. Application of geographic research to selected contemporary problems involving the city to provide student with insight into the way the geographer approaches these problems will have primary emphasis.

HISTORY

101. AMERICAN HISTORY. (3) Fall, Spring.
Survey of American history with attention to geographical factors, social forces, and political and industrial development. Required of all freshmen.

111. WESTERN CIVILIZATION. (3) Fall, Spring.
Development of Western civilization from about 1500 to the present. Emphasis is placed on major political, economics, and social movements. Required of all freshmen.

301. EARLY NATIONAL AMERICA 1787-1850. (3) Fall.
Prerequisite: 101 or consent of department chairman.

302. EMERGENCE OF MODERN AMERICA 1850-1900. (3) Spring.
Prerequisite: 101 or consent of department chairman.

310. HISTORY AND CULTURE OF THE FAR EAST. (3) Fall.
A study of China and Japan, including indigenous origins, the impact of the West through the 19th century, and problems of development through the last 50 years.

340. COLONIAL AMERICA 1608-1787. (3) Spring.
Prerequisite: 101 or consent of department chairman.

366. HISTORY OF THE FRONTIER. (3) Spring. Alternate years; offered 1974-75.
Settlement of the West, the laws and policies related to its development, and the effects of the frontier on national life. Prerequisite: 101 or consent of the department chairman.

401. HISTORY OF ENGLAND. (3) Spring.
Political, religious, literary, and economic activities of the English people from 1066 to present. Recommended for pre-law students. Prerequisite: 111 or consent of department chairman.

403. TWENTIETH CENTURY AMERICA 1900 TO PRESENT. (3) Fall.
An historiographical and interpretative treatment. Prerequisite: 101 or consent of department chairman. Recommended for those who plan to do graduate study in history.

408G. EUROPEAN HISTORY 1648-1815. (3) Fall. Alternates with 441G; offered 1974-75.
Prerequisite: 111 or consent of department chairman.

410G. EMERGING NATIONS. (3) Fall.
Same as Political Science 410.

420G. DIPLOMATIC HISTORY OF THE UNITED STATES. (3) Fall.
A survey of the diplomacy and foreign policy of the United States from the American Revolution to the present.

430G. ANCIENT AND MEDIEVAL HISTORY. (3) Spring.
An historical survey from antiquity to 1300. Required of all history and social science majors.

431Gx. RENAISSANCE AND REFORMATION HISTORY. (3) Fall.
Europe during the period of Renaissance and Reformation, 1300-1648.

441G. HISTORY OF THE SOUTH. (3) Fall. Alternates with 408G; offered 1975-76.
A study of the social, political, and economic development of both the old and the new South. Special attention will be given to those forces that made the South unique.
Prerequisite: 101 or consent of department chairman.

446G. EUROPEAN HISTORY 1815-1914. (3) Fall.
Prerequisite: 111 or consent of department chairman.

447G. MODERN EUROPEAN HISTORY 1914 TO PRESENT. (3) Spring.
Prerequisite: 111 or consent of department chairman.

502. AMERICAN IDEALS AND INSTITUTIONS. (3) Summer only.
The revolution of American ideals and institutions from the Colonial Period to the present. A brief history of America and of her economic and political development is included.

503. TWENTIETH CENTURY AMERICA. (3) Fall.
An historiographical and interpretative treatment. Suggested for those who plan to do graduate work in history. Prerequisite: 101 or consent of department chairman.

POLITICAL SCIENCE

202. INTERNATIONAL RELATIONS. (3) Fall, Spring.
A study of the interaction of nations, with a survey of territorial states, nationalism, international organizations, international law, war, and the nuclear revolutions with focus on why nations and men act as they do.

205. AMERICAN NATIONAL GOVERNMENT. (3) Fall, Spring.
A study of the formal institutions of government at the federal level with special emphasis on the informal workings of the political process.

251. AMERICAN STATE AND LOCAL GOVERNMENT. (3) Spring.
The nature, structure and functions of state, city, county, town and special district governments and their interrelationships.

300. COMPARATIVE POLITICAL SYSTEMS. (3) Fall.
An analysis of the political processes and institutions of major democratic and non-democratic political systems utilizing contemporary methods in the field of comparative politics.

305x. SCOPE AND METHODS OF POLITICAL SCIENCE. (3) Spring.
An examination of the research, literature, and scholarly methods in Political Science with emphasis on the contemporary state of the discipline as a study of political phenomena.

324. PRINCIPLES OF PUBLIC ADMINISTRATION. (3) Fall. Alternate years; offered 1974-75.
The administrative processes of national, state, and local governments.

351. INTERNATIONAL ORGANIZATION. (3) Spring. Alternate years; offered 1974-75.
Methods devised by states for dealing with their common problems. Special attention to significant problems faced by the United Nations and their importance in current international relations. Structure, purpose, and conditions affecting U.N. efficiency. Subordinate and related bodies.

354. POLITICAL PARTIES IN THE UNITED STATES. (3) Fall. Alternate years; offered 1974-75.
An analysis of the role of political parties in the electoral decision-making processes of the United States political system.

355. COLLECTIVE BEHAVIOR. (3) Offered on sufficient demand.
Same as Sociology 355.

410Gx. EMERGING NATIONS. (3) Fall.
An examination of the political processes in the developing countries. The general problems arising from the transition from traditional societies to modern industrial states. Special attention will be given to contemporary literature in the field.

420G. DIPLOMATIC HISTORY OF THE UNITED STATES. (3) Fall.
Same as History 420G.

422G. AMERICAN POLITICAL THOUGHT. (3) Fall. Alternate years; offered 1975-76.
An analysis of the evaluation of American political thinking throughout the development of the American political system.

423G. CONTEMPORARY POLITICAL IDEOLOGIES. (3) Spring. Alternate years; offered 1974-75.
An examination of the major ideologies of the modern world and their principal variations.

435G. INTRODUCTION TO CONSTITUTIONAL LAW. (3) Spring. Alternate years; offered 1975-76.
A study of the constitutional background and some of the most important Supreme Court decisions which have marked the direction of American government.

450. PROBLEMS IN POLITICAL SCIENCE. (1-3) Offered on demand.
Open to outstanding majors wishing to concentrate, through research and special supervised reading, upon a particular problem. Emphasis on introduction to graduate work in the field of political science.

250x. OUR WESTERN CULTURE. (3-6) Summer only.
An integrated course in the art, music, and history of Western Europe offered in the summer International Studies Program.

449Gx. WORKSHOP IN ENVIRONMENTAL STUDIES. (3) Summer.
Same as Biology 449G.

450G. SENIOR SEMINAR IN THE SOCIAL SCIENCES. (2) Spring.
Synthesizes the various disciplines in the social science field. Includes course content and bibliography, historiography, scientific research, and critical analysis.

503. DIRECTED READING IN THE SOCIAL SCIENCES. (1-3) Offered on demand.
Individual study and research on selected topics of interest to broaden and strengthen the student's background in the social sciences.

Department of Home Economics

PROFESSOR:
Mildred L. Bell, Ph.D.
Chairman

ASSOCIATE PROFESSOR:
Eva Thompson, Ph.D.

ASSISTANT PROFESSORS:
Sharen Deacon Crockett, M.S.
*Lynn A. England, M.S.
Elaine C. Thompson, M.A.

INSTRUCTOR:
Elizabeth K. Wilson, M.A.

* Fall semester of 1973-74.

The Department of Home Economics offers courses designed to prepare young women to meet their responsibilities as homemakers and consumers; to prepare for teaching home economics in vocational home economics programs; and to give background courses as foundation for specialized training for dietetics, food service management, and other related careers. Young women not majoring in the department are encouraged to choose basic courses in home economics as electives.

Harding College is approved by the State Department of Education and the Federal Office of Education for the training of teachers in vocational home economics. The college is also approved for the training of extension home economists.

Echo Haven is the Home Economics Department's modern home where college women may gain valuable experience in many phases of managing a home. Those who live there organize themselves into working units and carry out their plans under supervision of a resident teacher. All home economics majors live in the home sometime during their junior or senior years. The house accommodates six girls, and the residence period is nine weeks. Any junior or senior girl may live in the house if she enrolls in Home Economics 402 as an elective.

The nursery school laboratory is excellently arranged and well equipped. It provides for 18 children, and includes a play room, music-art-dining room, kitchen, a rest-sleep room, children's rest room, a lounge isolation room, a teacher's office, conference room, observation booths, and playground.

Major (Bachelor of Arts): 32 hours in home economics, including 101, 102, 201, 203, 214, 322 or 323, 331 or 433, 391, 402, 405 and 3 additional advanced hours. In addition, Art 117 is required and Sociology 301 is strongly recommended.

Major (Bachelor of Arts for Dietary Technology): A broad area major including Accounting 205, 206, 360; Business 108, 317, 368; Economics 201; Home Economics 102, 201, 214, 322 or 323, 331, 332, 337, 391, 402, 433, 435, 436; and Psychology 307. A minor is not required.

Major (Bachelor of Science for Vocational Teachers): 40 hours in home economics, including 101, 102, 202 or 303, 203, 322, 323, 331, 391, 402, 405, 406, and 412. Other required courses are Art 117; Sociology 301; Chemistry 111-115; Biology 271*, 275*; Education 307, 320, 336, 417, 424, and 451; and Physical Education 203. This program includes 9 hours in human development and family; 9 in consumer education and home management; 6 in housing, furnishings, and equipment; 9 in food, family meals, and nutrition; and 9 in textiles and clothing. Non-teaching majors must complete Art 101, Home Economics 214, Physical Science 101, Psychology 201, Political Science 202 or Economics 201, and two more hours of physical education activity, but may omit the education courses and Physical Education 203. One home experience with a minimum grade of "C" planned by the student with the guidance of subject-matter teachers and carried out during the first three years the student is enrolled shall be required for graduation with the Bachelor of Science in Vocational Home Economics. A minor is not required.

For a student desiring to certify also in another secondary field, Home Economics 412 is waived.

For a student desiring dual certification in home economics and elementary education, it is recommended that the student complete the Bachelor of Arts degree in elementary education after completing the Bachelor of Science degree in home economics. Art 211, Biology 308, Economics 315, English 350, Geography 212, Mathematics 225, Music 116, Physical Education 330, and Education 401, 402, 403, and 441 are required.

Major (Bachelor of Science for Dietitians and Food Service Managers — American Dietetics Association, Emphasis 1, Concentration A): 32 hours in home economics, including 102, 201, 214, 331, 332, 391, 402, 431, 433, 435 and 436. Other required courses are Chemistry 111-115, 271, 324, Biology 271*, 275*, Accounting 205, Business 368, Education 307, and Economics 201. A minor is not required.

Minor: 18 hours in home economics, including 101, 102, 201, and 9 hours of additional work including 6 advanced level hours.

*Any substitutes for Biology 271 or 275, made for a transfer student, must be approved by the Chairman of the Department of Home Economics.

101. FAMILY CLOTHING PROBLEMS. (3) Fall, Spring.
The selection of clothing to meet the needs of various members of the family. Practical experience in cutting, pressing and construction of selected garments, using a variety of fabrics, interpretation of commercial patterns and sewing machine maintenance. The choice of ready-made clothing and recognition of good fashion designs. Selection of children's clothing. Two hours lecture and three hours laboratory per week.

102. FOOD PREPARATION. (3) Fall, Spring.
Principles underlying the selection and preparation of foods. Study of market standards for products, grades, labeling, and the consumer's responsibility in the economic system. Laboratory experiences in application of scientific principles to cooking food. Two hours lecture and three hours laboratory per week.

201. MEAL MANAGEMENT. (3) Spring.
Meal planning for the family, stressing nutrition, organization of work, food costs, marketing, meal preparation, and table service for all occasions. Two hours lecture and three hours laboratory per week. Prerequisite: 102.

202. CLOTHING TAILORING. (3) Fall.
The more difficult problems involved in the selection and construction of the family wardrobe. Making a tailored suit or coat and renovating child and adult clothing. Two hours lecture and three hours laboratory per week. Prerequisites: 101 or equivalent.

203. TEXTILES. (3) Fall.
Problems in consumer textiles; selection, maintenance, and serviceability of fabrics for clothing and home furnishings; characteristics of fibers, fabrics, and finishes; laboratory study of selected fabrics. Two hours lecture and three hours laboratory per week.

214. FAMILY HEALTH. (2) Spring.
Promotion of health and prevention of illness for the family. Care of the sick and convalescent, first aid and safety in the home. Two hours lecture per week.

303. ADVANCED CLOTHING ORIGINAL PATTERN DESIGNING. (3) Fall.
The development of original simple designs through draping on the dress form and by flat pattern designing. A study of special fitting problems. Two hours lecture and three hours laboratory per week. Prerequisites: 101 and 202 or consent of instructor, and Art 117.

322, 323. CHILD DEVELOPMENT. (3,3) Fall, Spring.
Normal development of the child from infancy through adolescence and his guidance and care in the home. Emphasis on recognizing childhood problems and remedial measures in overcoming them, how the child learns and how to teach children. Two hours lecture and three hours laboratory per week in the Nursery School.

331. NUTRITION. (3) Fall.
Principles of normal nutrition and metabolism, food values, and requirements for maintenance and growth. Two hours lecture and three hours laboratory per week. Prerequisite: 102.

332. DIET THERAPY. (3) Spring. Alternates with 431; offered 1974-75.
Modifications of the normal diet for therapeutic purposes. Prerequisite: 331.

337. FOOD PRESERVATION AND SCHOOL LUNCH PROGRAM. (2) Fall. Alternates with 433; offered 1975-76.
A survey of special methods of food preservation. Emphasis on all methods of food preservation used in the home. The organization and administration of school lunch programs. Laboratory for food preservation, observation and participation in school lunch room.

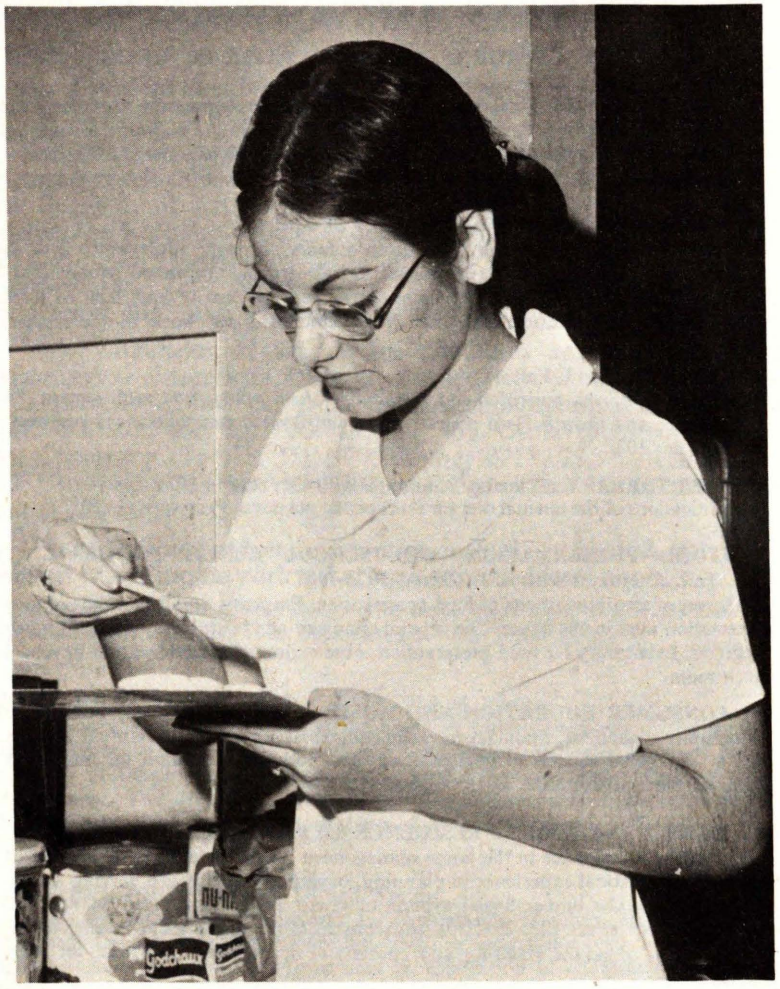
391. CONSUMER EDUCATION AND HOME MANAGEMENT. (3) Fall.
Consumer economics, financial records, budgetmaking for the individual and the family, managerial aspects of homemaking, and work simplification for household activities. Prerequisite: 102. 201 recommended.

402. HOME MANAGEMENT RESIDENCE. (3) Fall, Spring.
Nine weeks of residence in the home management house. Management applied to group living. Practical experience in planning, buying, preparing and serving meals. Physical care of the home. Social aspects of group living. Supervised by resident director. Prerequisites: 102, 201, 391 and consent of the department chairman for majors; junior or senior standing and consent of department chairman for non-majors.

405G. HOME EQUIPMENT. (3) Spring.
Planning equipment and its arrangement for the kitchen and laundry. Storage problems. Major emphasis on selection, arrangement, operation, cost, and care. Simple repair of home equipment.

406G. HOUSING AND HOME FURNISHINGS. (3) Fall.
A study of housing and selection of furnishings for the home, including arrangements, period styles, and decorative details. Laboratory experiences are to include art in its application to the home, refinishing and reupholstering furniture, making of slip covers and draperies, and landscaping. Techniques suitable for homemakers, extension workers, and homemaking teachers. Students furnish own materials. Two hours lecture and three hours laboratory per week. Prerequisite: Art 117.

412G. TEACHING ADULT HOMEMAKING CLASSES. (2) Spring.
Organization and development of homemaking programs, teaching methods and materials useful for teaching adult classes based on the program of federal agencies for the improvement of home and home living.



424. TEACHING HOME ECONOMICS. (3) Fall. Same as Education 424.
The basic philosophy of vocational home economics and its place in the total educational program of the school and community, collection and organization of teaching materials, evaluation, teaching aids, equipment, and management of the department.

431G. ADVANCED NUTRITION. (3) Spring. Alternates with 332, offered 1975-76.
Aims to extend the student's knowledge of the science of nutrition and metabolism and the recent advances in the field of nutrition. Three lectures per week. Prerequisites: 331 and Chemistry 324.

433G. EXPERIMENTAL PROBLEMS IN FOODS. (3) Fall. Alternates with 337; offered 1974-75.
The experimental approach in applying scientific principles of food preparation to major food problems such as the effects of heat, oxidation, time of cooking and manipulation on quality of food; new commercial products are studied. Two hours lecture and three hours laboratory per week.

435G. QUANTITY COOKERY. (3) Spring. Alternates with 436; offered 1975-76.
Organization and management; menu planning and standard methods of food preparation in quantity. Observation and practice in the college cafeteria. Prerequisite: 201.

436G. FOOD SERVICE ORGANIZATION. (3) Spring. Alternates with 435; offered 1974-75.
Selection, layout, and maintenance of the physical plant, equipment, furnishings and linens for a food service department, organization and management of personnel. Observation and practice in quantity food services and field trips. Prerequisite: 201.

451. SUPERVISED TEACHING. (6) Spring. Same as Education 451.
Directed participation in teaching. Residence at teaching center for nine weeks. Planning for and managing classes, keeping records, making reports. Use of various evaluation procedures, experience in community participation. Prerequisites: 322 or 323; Education 307, 336, 424; and consent of the department chairman.

Humanities

The Departments of Art, English, History, Music and Speech cooperate in offering two interdisciplinary courses in humanities. The development of these courses was stimulated by a grant from the National Endowment for the Humanities to a consortium of Arkansas colleges. These courses may be elected as acceptable alternatives to some of the general education courses.

201x., 202x. INTEGRATED HUMANITIES. (3) Fall, Spring.
An interdiscplinary study of contemporary values in relationship to man's past.

Department of Journalism

PROFESSOR:
Neil B. Cope, Ph.D.
Chairman

Assisting from other departments:

ASSISTANT PROFESSOR:
*Dennis M. Organ, M.A.

* On leave of absence 1973-74

The Department of Journalism offers basic studies for students planning to find a vocation in journalism, advertising, public relations, mass media, or related areas. It also offers courses for those who need the practical techniques of journalism for use in other vocations.

Major in Journalism: 27 hours in journalism of which 18 hours must be advanced courses, and including 201, 301, 302, 401 and 450.

Minor in Journalism: 18 hours in journalism, including 6 hours of advanced work.

Major in Mass Media: 64 hours, including Journalism 201, 392, 401; Sociology 203; Speech 141, 210, 251, 255, 275, 280, 281, 410; 6 hours elected from Education 431, 434, and Speech 441, 442; and 27 hours elected from the following courses with at least 6 hours elected from each of three of the areas: Education 431, 432, 433, 434 and/or Speech 441, 442 (in addition to prescribed courses above); Journalism 251, 252, 301, 302, 303, 323; Management 254, 368, 370; a modern foreign language; Political Science 324, 354, 422, 423, 435; Sociology 305, 350, 355, 405, 408; and Speech 204, 211, 265, 306, 405, 406. A minor is not required.

201. INTRODUCTION TO JOURNALISM. (3) Fall.
An examination of the broad field of journalism, its backgrounds and influences. Exercises in reading newspapers and in evaluating mass communications media. Inquiry is made into vocational opportunities. Prerequisite: English 103.

251. STUDENT PUBLICATIONS ACTIVITY — NEWSPAPER. (1) Fall, Spring.
Participation in staff duties or other assignments for student newspaper. Open to majors and non-majors, but no more than two hours credit may be obtained in 251 and/or 252. Prerequisite: Consent of faculty advisor.

252. STUDENT PUBLICATIONS ACTIVITY — YEARBOOK. (1) Fall, Spring.
Same as for 251 except work is on yearbook. Prerequisite: Consent of faculty advisor.

301. REPORTING. (3) Fall. Alternates with 401; offered 1975-76.
Fundamentals of gathering and writing news. Exercises in news writing and news values, with emphasis on good journalistic practice for newspapers.

302. EDITING. (3) Spring. Alternates with 392; offered 1975-76.
Preparation of copy, copyreading, headline writing, desk work, and page makeup. Attention given to news values, reader interest, promotion techniques, and editorial problems. Special consideration is given to editorial practices of small town dailies and weeklies.

303. ADVERTISING. (3) Spring. Alternates with 305; offered 1974-75.
Advertising methods and media; problems in selling, and the psychology of advertising. Special attention to newspaper and magazine techniques, to mechanics and layout, and to direct mail methods.

304. PHOTOGRAPHY. (2) Fall. Alternates with 322; offered 1975-76.
The fundamentals of photography, developing and printing, enlarging, use of photographic equipment and standard techniques are studied by lecture and laboratory work.

305. PUBLICATIONS PHOTOGRAPHY. (3) Spring. Alternates with 303; offered 1975-76.
Attention is given to the special problems of news coverage by camera, magazine illustration, and communication through the printed photograph. Picture quality, production techniques, and picture editing are emphasized. Prerequisite: 304 or equivalent.

310. RELIGIOUS JOURNALISM. (2) Spring. Alternate years; offered 1974-75.
The writing of religious articles for publication, the preparation of copy for the press and the media used by churches and individuals in public relations. Of special interest to ministerial students and those preparing for church and mission work.

322. TYPOGRAPHY AND GRAPHIC ARTS. (3) Fall. Alternates with 304; offered 1974-75.
Principles of graphic presentation and printing mechanics. Types and type families, legibility, spacing, harmony, contrast and use of color as they affect the functional design of printed matter.

323. ADVANCED COMPOSITION — CREATIVE WRITING. (3) Fall.
Same as English 323.

392. PUBLIC RELATIONS PRINCIPLES. (3) Spring. Alternates with 302; offered 1974-75.
An examination of the basic principles and philosophies underlying public relationships, followed by a study of current policies, methods, and media employed by industrial, business, educational, and social organizations in their information programs.

401. THE PRESS AND SOCIETY. (3) Fall. Alternates with 301; offered 1974-75.
Background of the American press; examination of problems of editorial freedom, ethics of the press, propaganda, public opinion, and the place of the newspaper in a democratic society.

410G. SCHOOL PUBLICATIONS. (2) Summer.
Scope and purpose of student publications as standard extracurricular adjuncts in the educational program, particularly at the high school level, are examined. Function and organization of the staff, management and editing problems, production techniques, and relationships to school and community are explored. Designed particularly for teachers who supervise school newspapers and yearbooks.

450. INDEPENDENT STUDY. (2) Offered on demand.
Individual study or research on selected topic of interest to the major in journalism.

Harding University
Office of the Provost

Department of Mathematics

ASSOCIATE PROFESSOR:
Dean B. Priest, Ph.D.
Chairman
Bill W. Oldham, Ed.D

ASSISTANT PROFESSORS:
Troy Blue, M.A.
Alva Gene Dugger, M.S.
Stephen W. Smith, Ph.D.

The objectives of the Department of Mathematics are to give cultural training in mathematics, to prepare teachers of secondary school mathematics, to give the basic training in mathematics needed by pre-professional students or students of science, and to lay a broad foundation for students majoring in mathematics.

Major in Mathematics (Bachelor of Arts): 33 hours of mathematics, including 215, 251-252 and five courses numbered 300 or above. Physics 201-202 or 211-212 are also required.

Major in Mathematics (Bachelor of Science): 33 hours of mathematics, including 215, 251-252 and five courses numbered 300 or above; 27 hours in two other sciences; and 6 hours in a fourth science. Physics 211-212 must be included. A minor is not required.

Major in Mathematics Education (for middle school certification): 25 hours of mathematics, including 101, 171 (or 151, 152), 201 or 210, 215, 225, and 6 hours of upper-level work; and 29 hours of Education, including 203, 302, 307, 320, 336, 360, 401, 403, 417, and 441. The following content and specialization courses must be completed: Art 211, Biology 308, Economics 315, English 350, Geography 212, Music 116, and Physical Education 203 and 330. A minor is not required.

Minor: 18 hours of mathematics, including 6 advanced hours.

Students certifying to teach mathematics at the secondary level must include 306 and are strongly encouraged to take 313 and 323. For certification, 21 hours of mathematics are required as a minimum.

101. BASIC MATHEMATICS. (3) Fall, Spring.
A study of numbers, number systems, number operations, and number bases; sets and set operations; variables; and an introduction to algebraic operations. Required of all elementary education majors who do not have an equivalent background in mathematics. Does not count toward a major or minor in mathematics.

105. INTERMEDIATE ALGEBRA. (3) Fall, Spring.
Designed for those students who present fewer than one and one-half entrance units in algebra or have inadequate preparation. Does not count toward major or minor in mathematics.

108. MATHEMATICS FOR BUSINESS. (3) Fall.
Same as Business 108. Does not count toward a major or minor in mathematics or general science.

151. COLLEGE ALGEBRA. (4) Fall, Spring.
Rapid review of elementary algebra, quadratic equations, functions and graphs, inequalities, logarithms, ratio and proportion, variation, progressions, mathematical induction, binomial theorem, introduction to the theory of equations, determinants and complex numbers. Prerequisite: 105, or its equivalent, or consent of instructor.

152. PLANE TRIGONOMETRY. (3) Spring.
Trigonometric functions, functional relations, logarithms, solution of right and oblique triangles with application, identities, inverse functions and equations. Prerequisites: 105, or its equivalent, and one year of plane geometry or consent of instructor.

171. COLLEGE ALGEBRA AND TRIGONOMETRY. (5) Fall.
Integrated course in college algebra and trigonometry. Recommended course for chemistry majors, pre-engineers, mathematics majors, and physics majors with a good background in mathematics. A student may not receive credit for 171 and 151 and/or 152. Prerequisites: One and one-half years of algebra, plane geometry, and trigonometry. Students with a clearly superior background should elect 201. Students who have a weak background in the prerequisites should elect 151 and 152.

201. ANALYTICS AND CALCULUS I. (5) Fall, Spring.
Essentials of analytic geometry with an introduction to differential and integral calculus. Prerequisite: 171, or 151 and 152, or the equivalent. Students who do not make a grade of "C" or higher on the prerequisites are advised not to take this course.

210x. BUSINESS CALCULUS. (4) Fall, Spring.
An introduction to differential and integral calculus for the non-science major. A rapid review of algebra is provided. Applications are taken primarily from business and economics. Does not count toward a major in mathematics. Prerequisite: score of 26 or higher on the ACT mathematics test or consent of the chairman of the department.

211x. SELECTED TOPICS. (1-3) Offered on demand by independent study.
Topics pertinent to the William Lowell Putnam Mathematics Contest will be studied. Certain topics in the application of mathematics to the behavioral, management, life and physical sciences will also be covered. Prerequisite: consent of instructor and department chairman.

215. INTRODUCTION TO PROGRAMMING. (3) Spring.
A general study of digital computers, basic use of the programmable calculator, Programma 101. BASIC and FORTRAN are also studied. Two class periods and 3 hours of laboratory per week. Prerequisite: 151 or consent of instructor. Fee $25.00.

225. MATHEMATICS IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.
A continuation of the topics introduced in 101, experimental and informal geometry, introduction to probability, linear equations and inequalities. Required of elementary education majors. Prerequisite: 101 or consent of instructor. Does not count toward a major or minor in mathematics except for elementary education majors.

251. ANALYTICS AND CALCULUS II. (4) Fall, Spring.
A continuation of 201. Prerequisite: 201.

252. ANALYTICS AND CALCULUS III. (4) Fall, Spring.
A continuation of 251. Prerequisite: 251.

306Gx. FOUNDATIONS OF GEOMETRY. (3) Spring.
An examination of Euclidean geometry with an introduction to non-Euclidean geometry. Prerequisite: 201.

Harding University
Office of the Provost

313G. LINEAR ALGEBRA. (3) Spring.
Linear equations, matrices and vector spaces, linear transformations, determinants, rational and Jordan forms, inner product spaces and bilinear forms. Prerequisite: 252 or consent of department chairman.

320G. PROBABILITY. (3) Fall. Alternate years; offered 1975-76.
Probability as a mathematical system, random variables and their distributions, limit theorems, and topics in statistical inference. Prerequisite: 252.

323G. MODERN ALGEBRA I. (3) Fall. Alternate years; offered 1974-75.
Brief development of the complex number system beginning with the natural numbers. A study of abstract algebraic systems including groups, rings, fields and integral domains. Prerequisite: 201 and junior standing.

331G. INTERMEDIATE ANALYSIS I. (3) Spring. Alternate years; offered 1975-76.
Real number systems, functions, sequences, additional topics in limits, continuity, differentiation, integration, infinite and power series, and uniform covergences. Prerequisite: 252.

351G. DIFFERENTIAL EQUATIONS. (3) Fall.
Ordinary differential equations with applications. Prerequisite: 252. Physics 211-212 highly recommended.

420G. PROBABILITY AND STATISTICS. (3) Offered on sufficient demand.
Estimation, decision theory and testing hypotheses, relationships in a set of random variables, linear models, and design. Prerequisite: 320.

421G. ANALYTICAL MECHANICS. (3) Spring. Alternate years; offered 1974-75.
Same as Physics 421G.

423G. MODERN ALGEBRA II. (3) Offered on sufficient demand.
Theory of groups, modules, ideals and lattices. Prerequisite: 323 or consent of instructor.

431Gx. INTERMEDIATE ANALYSIS II. (3) Offered on sufficient demand.
Continuation of 331. Introduction to topology. Prerequisite: 331 or consent of instructor.

432G. ADVANCED CALCULUS. (3) Offered on sufficient demand.
Partial differentiation, applications to geometry of space, maxima and minima, Lagrange's multipliers, indeterminate forms, elliptic integrals, line integrals, Green's theorem and transformation of multiple integrals. Prerequisite: 331 or 252 and consent of instructor.

450G. DIRECTED READING. (3) Offered on demand.
Individual reading in advanced mathematics. Prerequisite: Consent of the instructor and chairman of the department. May be taken two times for credit.

523x. WORKSHOP IN TEACHING AIDS FOR MATHEMATICS [K-12]. (3) Summer only. Offered on sufficient demand.
A course to acquaint mathematics teachers with the wide range of teaching aids available for grades K-12. Teaching aids considered include manipulations, activities, games, and visuals.

525. MATHEMATICS FOR THE ELEMENTARY TEACHER. (3) Offered in conjunction with 225.
A study of the structure of the real number system to include number bases, modular arithmetic, number operations, sets and set operations, sentences, relations, variables, and an introduction to the language of contemporary algebra.

Department of Modern Foreign Languages

ASSOCIATE PROFESSOR:
Winfred O. Wright, Dr. de l'Universite
Chairman

ASSISTANT PROFESSORS:
Ava Conley, M.A.
Dorothy S. Wright, Dr. de l'Universite

Assisting from other Departments:

ASSOCIATE PROFESSOR:
Robert L. Helsten, M.A.

The department seeks to satisfy the needs of those students who desire a modern foreign language for its cultural values, those who require a modern foreign language for greater proficiency in their chosen field, and especially those who desire greater proficiency in a foreign language as a major or minor field of study. Students who have taken one or more years of French or Spanish in high school will be assigned to their first course in college French or Spanish, respectively, after a conference with the chairman of the department to determine the proper level of placement.

Major in French: 30 hours in French, including 18 hours of advanced credit.

Minor in French: 18 hours in French, including 6 hours of advanced credit.

Major in Spanish: 30 hours in Spanish, including 18 hours of advanced credit.

Minor in Spanish: 18 hours in Spanish, including 6 hours of advanced credit.

Students who certify to teach French or Spanish *must* include Education 419 even though the foreign language is a minor field, in which case the 18 hours of the language should be selected with the advise of the chairman of the Department of Modern Foreign Languages so as to meet the Arkansas certification requirements.

FRENCH

101-102. ELEMENTARY FRENCH. (4,4) Fall, Spring.
Fundamentals of grammar, oral comprehension and reading of graded material. Five class periods per week.

201-202. INTERMEDIATE FRENCH. (3,3) Fall, Spring.
Increased reading, conversation, and composition combined with a review of grammar. Prerequisite: 102 or two years of high school French.

251. FRENCH CONVERSATION. (1) Fall, Spring.
Guided conversational experience in small groups on topics of common interest to students of French. Two hours each week. May be taken four semesters for credit. Prerequisite: 102 or equivalent.

301-302. INTRODUCTION TO FRENCH LITERATURE. (3,3) Fall, Spring. Alternates with 303-304; offered 1974-75.
A survey of major authors and their works from the Middle Ages to the present. Prerequisite: 202 or equivalent.

303. ADVANCED COMPOSITION. (3) Fall. Alternates with 301; offered 1975-76.
Techniques of writing in French. Imitation of selected French texts illustrating various styles. Exercises in creative writing. Prerequisite: 202 or equivalent.

304. ADVANCED FRENCH. (3) Spring. Alternates with 302; offered 1975-76.
A practical application of advanced grammar in group discussions, reports and translations. Literary analysis of passages from representative works. Prerequisite: 202 or equivalent.

305. CONTEMPORARY FRENCH CIVILIZATION. (3) Offered in the summer on sufficient demand.
A study of the mores, customs, government and important personalities of present day France. Prerequisite: 202 or equivalent.

402. FRENCH CLASSICISM. (3) Spring. Alternates with 404; offered 1974-75.
A study of Corneille, Racine, Moliere, Pascal, La Fontaine, and others. Prerequisite: Any 300 course.

403. LITERATURE OF THE 18TH CENTURY. (3) Fall. Alternates with 401; offered 1975-76.
A study of 18th Century writers with emphasis on the works of the philosophers. Prerequisite: Any 300 course.

404. LITERATURE OF THE 19TH CENTURY. (3) Spring. Alternates with 402; offered 1975-76.
A study of representative writers of the 19th Century and the important literary movements. Prerequisite: Any 300 course.

405. LITERATURE OF THE 20TH CENTURY. (3) Fall. Alternates with 403; offered 1974-75.
A study of outstanding writers of the 20th Century and of current literary trends in France. Prerequisite: Any 300 course.

GERMAN

101-102. ELEMENTARY GERMAN. (3,3) Fall, Spring.
Study of grammar and syntax reduced to a practical minimum with the reading of graded texts, chief emphasis on reading ability, elementary conversation. The spring semester includes an introduction to scientific German.

201x-202x. INTERMEDIATE GERMAN. (3,3) Fall, Spring. Offered on sufficient demand.
Increased conversation, reading, and composition, with a review of grammar. Prerequisite: 102 or two years of high school German.

SPANISH

101x.-102x. ELEMENTARY SPANISH. (4,4) Fall, Spring.
Fundamentals of grammar, oral comprehension, and reading of graded material. Five class periods per week.

201x-202x. INTERMEDIATE SPANISH. (3,3) Fall, Spring.
Increased reading, conversation, and composition combined with a review of grammar. Prerequisite: 102 or two years of high school Spanish.

301x-302x. INTRODUCTION TO SPANISH LITERATURE. (3,3) Offered on sufficient demand.
A survey of major authors and their works. Prerequisite: 202 or equivalent.

303x. ADVANCED COMPOSITION AND GRAMMAR REVIEW. (3) Fall. Alternates with 301; offered 1975-76.
Grammatical analysis, translation to Spanish and free composition to develop fluency and correctness in written Spanish. Prerequisite: 202 or equivalent.

304x. ADVANCED SPANISH. (3) Spring. Alternates with 302; offered 1975-76.
A practical application of Spanish with advanced conversation, literary analysis, and phonetic review. Prerequisite: 202 or equivalent.

315x. LATIN AMERICAN CIVILIZATION. (3) Fall. Alternates with 401; offered 1974-75.
A cultural survey of the Latin American nations with emphasis on the contemporary period. (Lectures and classroom discussion will be in English. Readings, written exercises, and testing will be in Spanish for Spanish majors and minors, in English for all other students.) Prerequisite: For Spanish majors and minors, 202 or equivalent. No prerequisites for students majoring in other areas.

401x. THE SPANISH GOLDEN AGE. (3) Fall. Alternates with 305; offered 1975-76.
Cervantes and the Golden Age dramatists. Prerequisite: any 300 course.

405x. LITERATURE OF THE 20TH CENTURY. (3) Spring. Alternates with 406; offered 1975-76.
The essay and the novel, with historical emphasis on the Generation of 1898 and critical emphasis on the prose of the 20th century. Prerequisite: any 300 course.

406x. 19TH AND 20TH CENTURY SPANISH DRAMA. (3) Spring. Alternates with 405; offered 1974-75.
A study of Moratin, Zorilla, Lorca, Casona, Sastre, and others. Prerequisite: any 300 course.

Harding University
Office of the Provost

Department of Music

PROFESSORS:
Erle T. Moore, Ed.D.
Chairman
Kenneth Davis, Jr., D.Mus.

ASSOCIATE PROFESSOR:
William W. Hollaway, Ph.D.

ASSISTANT PROFESSORS:
George Edward Baggett, D.M.E.
*Clifton L. Ganus, III, M.M.E.
Ann R. Sewell, M.M.

INSTRUCTOR:
Mona S. Moore, B.A.

ASSOCIATE INSTRUCTOR:
Arthur Lloyd Shearin, B.A.

*On leave of absence 1973-74.

The Department of Music is organized to prepare students to teach music, to train qualified students for a career of musical performance, and to provide for all students the cultural enrichment afforded through the study of music. The areas of concentration are music, music education, piano, and voice.

Piano Proficiency Barrier: All music majors must pass the departmental piano proficiency barrier prior to graduation.

Transfer Placement Examinations: All music majors transferring to Harding College must take the departmental theory placement examination prior to registration in the department.

The music major who begins study at Harding will be reviewed after three semesters by the entire music faculty to determine whether he may continue as a music major. The transfer music major will be reviewed at the discretion of the music faculty no later than the end of his second semester at Harding.

Major in Music: 44 hours in music, including 111-112, 113-114, 131-137, 205, 251-252, 253-254, 255-256, 331 or 332, 335, 431-432, and 10 hours of applied music to be determined by the chairman of the department. A minor is required.

Major in Music Education with emphasis on Vocal-Choral: 50 hours in music, including 111-112, 113-114, 205, 251-252, 253-254, 255-256, 331, 335, 336, 403, 426, 431-432, and at least 6 hours of voice and 4 hours of piano. Participation in an instrumental or choral ensemble for six semesters is required. In addition, Education 203, 307, 320, 336, 417, 450, and 461 are required. A minor is not required.

Major in Music Education with emphasis on Instrumental: 50 hours in music, including 111-112, 113-114, 211-212, 251-252, 253-254, 255-256, 332, 335, 403, 426, 431-432, 461-462, 4 hours of piano, and at least 6 hours of private instrument. Participation in an instrumental or choral ensemble for six semesters is required. In addition, Education 203, 307, 320, 336, 417, 450, and 461 are required. A minor is not required.

Major in Piano: 51 hours in music, including 111-112, 113-114, 205, 251-252, 253-254, 255-256, 335, 431-432, 2 hours of Piano 331, 4 hours of private or class voice, and 16 hours of private piano. A solo piano recital satisfactory to the music faculty must be given during the senior year. A minor is required.

Major in Voice: 53 hours in music, including 111-112, 113-114, 251-252, 253-254, 255-256, 331, 335, 431-432, 8 hours of piano and 16 hours of private voice. In addition, at least one semester each of French and German is required. A voice recital satisfactory to the music faculty must be given during the senior year. A minor is required.

Minor in Music: 18 hours in music, including 6 hours of advanced work selected with approval of department chairman.

101. MUSIC APPRECIATION. (2) Fall, Spring.
A study of representative works of the world's great composers, with attention given to the correlative developments in other art areas.

111-112. THEORY I. (3,3) Fall, Spring.
Part writing, harmonization and harmonic analysis based upon the diatonic harmonies of major and minor keys. Prerequisite: 115 or consent of the instructor. Co-requisite: 113-114.

113-114. EAR TRAINING. (1,1) Fall, Spring.
Ear training, music reading, keyboard harmony and dictation based upon the diatonic harmonies of major and minor keys. Prerequisite: 115 or consent of the instructor. Co-requisite: 111-112.

116. MUSIC IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.
Techniques and materials for music instruction in grades one through eight.

117. FUNDAMENTALS OF MUSIC AND SONG LEADING. (2) Fall.
Elementary music theory, including notation, scale construction, rhythmic organization, practice in music reading and song leading. Does not count toward the major.

131-137. PARTICIPATION IN MUSIC ORGANIZATION.
Participation in one of the several music organizations. Open to majors and non-majors, but no more than two hours credit may be obtained by such participation whether by participating in two organizations during a given semester or one organization for two semesters. Prerequisite: Consent of the director of the organization involved.

131. CHORALE. (1) Fall, Spring.
132. A CAPPELLA CHORUS. (1) Fall, Spring.
133. BAND. (1) Fall, Spring.
134. BELLES AND BEAUX. (1) Fall, Spring.
135. CHAMBER SINGERS. (1) Fall, Spring.
137. RECORDING CHORUS. (1) Fall, Spring.

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205. ITALIAN, FRENCH, AND GERMAN DICTION. (3) Spring.
The study of songs of the Italian, French, and German repertoire for the purpose of acquiring a familiarity with the pronunciation and a working knowledge of syntax and grammar. Six weeks will be devoted to each language.

211-212. INSTRUMENTAL INSTRUCTION. (2,2) Fall, Spring.
Class instruction in the playing of band/orchestral instruments including two woodwinds and two brasses.

251-252. THEORY II. (3,3) Fall, Spring.
Part writing, harmonization, analysis, modulation, involving chromtic alternation. Prerequisite: 112, Co-requisite: 253-254.

253-254. ADVANCED EAR TRAINING. (1,1) Fall, Spring.
Music reading, dictation, analysis involving chromatic harmonies. Prerequisite: 113. Co-requisite: 251-252.

255-256. MUSIC LITERATURE. (1,1) Fall, Spring.
Study and acquaintance with a wide range of musical literature of all principal periods. One class meeting and one supervised laboratory per week. Required of all music majors. Non-music majors accepted only with permission of the instructor.

331. CHORAL CONDUCTING. (3) Fall.
Choral conducting techniques, rehearsal procedures, musical interpretation, repertoire, program building and voice classification. Emphasis on the problems of high school choruses. Prerequisite: 251-252 or 111-112 and consent of instructor.

332. INSTRUMENTAL CONDUCTING. (2) Offered on sufficient demand.
Preparation for the conducting of the high school band. Includes baton technique and rehearsal procedures.

335. FORM ANALYSIS. (2) Fall.
The structural principles of music, the elements of form and the forms used are studied through analysis and listening.

336x. ORCHESTRATION-CHORAL ARRANGING. (2) Spring.
Scoring and arranging for orchestral ensembles; arranging for two, three, four, and five part choral groups. Prerequisite: Music 251.

403. ELEMENTARY MUSIC METHODS. (3) Fall, Spring.
Techniques and materials for music instruction in grades one through eight. Registration restricted to music majors.

426. SECONDARY MUSIC METHODS. (3) Fall.
Organization and objectives of music education programs, methods of instruction and the directing of choral organization in high school. Registration restricted to music majors. Same as Education 426.

431G-432G. HISTORY OF MUSIC. (3,3) Fall, Spring.
The development of Western music from its beginnings in the Greek and Jewish cultures to its manifestations in the present century.

450Gx. INDEPENDENT STUDY. (1-3) Offered on demand.
Independent study on selected topics in music for music majors who are planning to do graduate study. Prerequisite: Consent of instructor and department chairman.

461-462. INSTRUMENTATION. (1,1) Fall, Spring. Offered on sufficient demand.
Scoring and arranging for instrumental ensembles with emphasis on the concert band.

502. SPECIAL PROBLEMS IN MUSIC EDUCATION. (3) Offered on sufficient demand.
Problems of musical interest to the student which lie outside the normal curriculum and which are deemed particularly applicable to his individual aims.

505. SEMINAR: ADVANCED CHORAL METHODS AND MATERIALS. (3) Offered on sufficient demand.
Examination of beliefs and practices of some of the country's leading choral conductors. Analysis and conducting of some of the larger choral works. Extensive compilation of choral materials of all types.

APPLIED MUSIC

Private Instruction

Private instruction is offered in voice, piano, brass, woodwind, and percussion instruments. In each, the student's level of ability is determined and an individual program of study is followed, seeking to help each student to attain the maximum musical development within his capability.

In private study, one 30-minute lesson per week plus one hour of practice per day counts for one semester hour of credit. The normal number of lessons per week in any one subject is two. Make-up lessons will be given for lessons which are missed by the teacher or by the student if the student's absence is due to a reason which would excuse him from a class absence.

In addition to the regular lessons and practice periods, all applied music students will be required to attend performance-discussion periods to be held each two weeks at an hour mutually convenient to the teacher and his students.

Course names shall be assigned according to the type of private instruction being taken (Voice, Piano, etc.). Course numbers will be assigned according to the number of semesters during which credit has been earned in any one subject according to the following schedule:

First semester	101	Fifth semester	301
Second semester	102	Sixth semester	302
Third semester	201	Seventh semester	401
Fourth semester	202	Eighth semester	402

Class Instruction

PIANO 331x. PIANO ACCOMPANYING CLASS. (1) Fall, Spring. Offered on sufficient demand.
Study of the demands and problems of ensemble playing and accompanying. Emphasis on study of scores, and supervised laboratory experiences. May be taken two times for credit. Prerequisite: Consent of the instructor.

VOICE 105. VOCAL METHODS. (2) Fall.
Study of basic approaches to the processes of voice production including respiration, phonation, resonation, and articulation from the psychological, physiological, and acoustical standpoints. Practice in analyzing vocal problems and in seeking their solution.

VOICE 106. VOICE CLASS. (2) Spring.
Application of basic vocal methods to basic vocal literature. Prerequisite: Music 117 or passing an examination on music fundamentals.

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Department of Nursing

ASSISTANT PROFESSOR:
A. Michele Warren, M.S.
Chairman

The Department of Nursing is being organized to provide students the educational experiences that will enable the graduate of the program to function as a professional nurse in beginning positions in nursing. The program in nursing leads to the degree of Bachelor of Science in Nursing and qualifies the graduate to be admitted to the examinations for license to practice as a registered nurse. The professional courses in nursing build on a basic foundation of general education in the arts and sciences. The college is working closely with the Arkansas State Board of Nursing in developing the program. Students who have completed the pre-nursing prerequisites with a satisfactory grade average will be able to begin their professional courses with the 1975 spring semester.

Proposed Major: 60 hours in nursing, including 201, 202, 301, 302, 311, 401, 405, 421, 431, and 451. In addition, Biology 271, 275; Chemistry 111, 115, 271; Home Economics 331; Management 368; Mathematics 105 or 151; Psychology 201, 240; and Sociology 203, 301 must be completed. Sociology 203, 301 satisfies the 6 hours of elective general education social science and Biology 271, 275 satisfy Biology 111. A minor is not required. The college reserves the right to make changes at any time in the individual courses of study and in the curriculum leading to the degree.

201x-202x. FUNDAMENTALS OF NURSING. I, II. (4,4). Fall. Spring.
(Both courses offered Spring, 1975.) Prerequisites: Chemistry 271 and formal admission to the nursing program.

301x. MEDICAL-SURGICAL NURSING I. (6) Fall.
(Offered Spring, 1975.) Prerequisite: 201.

302x. MEDICAL-SURGICAL NURSING II. (6) Spring.
(Offered Summer, 1975.) Prerequisite: 301.

311x. PSYCHIATRIC NURSING. (6) Summer.
(Offered Summer, 1975). Prerequisite: 202.

401x. MEDICAL-SURGICAL NURSING III. (8) Fall.
(Not offered 1974-75.)

405x. LEADERSHIP SKILLS THEORY. (3) Fall.
(Not offered 1974-75.)

421x. COMMUNITY AND FAMILY NURSING. (12) Spring.
(Not offered 1974-75.)

431x. NURSING SEMINAR. (3) Spring.
Not offered 1974-75.)

451x. NURSING PRACTICUM. (8) Summer.
(Not offered 1974-75.)

Department of Physical Education, Health, and Recreation

PROFESSOR:
Harry D. Olree, Ed.D.
Chairman

ASSOCIATE PROFESSORS:
Ted M. Altman, Ed.D.
Cecil M. Beck, M.A.
Bob J. Corbin, M.Ed.
Hugh M. Groover, M.Ed.
Theodore R. Lloyd, M.A.
Clifford John Prock, M.T.

ASSISTANT PROFESSORS:
Karyl V. Bailey, Ph.D.
Barbara G. Barnes, M.A.T.
Jess Bucy, M.A.
Kathryn R. Campbell, M.A.T.
Wilton Y. Martin, M.A.T.
Jerry Mote, M.A.T.
Arnold E. Pylkas, M.A.

ASSOCIATE INSTRUCTOR:
Richard A. Johnson, B.A.

The Department of Physical Education, Health, and Recreation is designed to meet the recreational needs of students, the needs of those planning to teach physical education or to coach, and the needs of those interested in the supervision of activities associated with youth group work such as summer camps and scout programs.

The institutional requirement of 4 hours in physical education activity can be met by a combination of any of the following: 112, 113, 114, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, and, for physical education majors and minors, 355, 356. Veterans who have spent at least one year in the military service may receive credit for the total 4 hours of physical education required by the college.

Students in the teacher education program must complete only 3 hours of physical education activity. Physical Education 203 is required of all students who plan to teach. Physical Education 330 is also required of elementary education majors.

Major: 33 hours in physical education, 18 of which must be advanced level hours, including 202**, 203, 206, 301; four hours from 304*, 306*, 307*, 308**, and 310**; 320, 355, 356, 402*, 404, 405, and 427. Biology 275 is required in addition to the 33 hours in physical education. Any major who desires to certify to teach at the elementary as well as the secondary level must include Physical Education 129 and 330 and take Education 461 rather than 451.

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Minor: 18 hours in physical education, 6 of which must be advanced level hours, including 203, 206, and either 355 or 356. Both 355 and 356 are recommended for students planning to teach physical education.

All majors and minors in physical education, health, and recreation must pass a series of sports skills tests as a prerequisite to Physical Education 355 and 356. Skills tests must be passed in two team sports selected from football, volleyball, basketball, softball, track and field, and baseball (women may substitute either field hockey or speedball for football). A proficiency test must also be passed in swimming and three other dual and individual sports selected from golf, gymnastics, bowling, archery, badminton, handball, and tennis.

112. BEGINNING AND INTERMEDIATE SWIMMING. (1) Fall, Spring.
Teaches the individual how to adjust himself to the water, to breathe properly, to change direction and position in the water, and to swim by use of a basic swimming stroke. Emphasizes development of leg and arm strokes, sculling, treading water, and simple rescue methods of assisting drowning persons. Not open to student capable of passing an intermediate swimming test.

113. ADVANCED SWIMMING AND SENIOR LIFESAVING. (1) Spring.
Instruction and practice in advanced swimming techniques and the American Red Cross Senior Lifesaving Course. Prerequisite: 112 or the ability to pass an intermediate swimming test. Fee $2.00.

114x. WATER SAFETY INSTRUCTOR'S COURSE. (1) Spring.
This course consists of lectures on methods and organization, and practice in teaching the American Red Cross swimming and water safety courses. Open to card-carrying Red Cross Water Safety Instructors whose appointments have lapsed and persons holding current senior lifesaving certificates. American Red Cross WSI Cards will be issued to those satisfactorily completing the course.

119. CONDITIONING ACTIVITIES. (1) Fall, Spring.
Participation in exercises in order to improve body mechanics, posture, and physical fitness. Required of those students assigned to the course by the physical education department.

120. ARCHERY AND BADMINTON. (1) Fall, Spring.
Instruction and practice in the basic skills of archery and badminton. Fee $2.00.

121. VOLLEYBALL AND TABLE TENNIS. (1) Fall, Spring.
Instruction and practice in the basic skills of volleyball and table tennis.

122. TENNIS AND SHUFFLEBOARD. (1) Fall, Spring.
Instruction and practice in the basic skills of tennis and shuffleboard.

123. MAT AND TRAMPOLINE TUMBLING. (1) Fall.
Instruction and practice in the basic skills of mat and trampoline tumbling.

124. GOLF AND BOWLING. (1) Fall, Spring.
Instruction and practice in the basic skills of golf and bowling. Fee $6.00.

125. SPEEDBALL AND BASKETBALL. (1) Fall, Spring. (For women only.)
Instruction and practice in the basic skills of speedball and basketball.

126. ADAPTED ACTIVITIES. (1) Fall, Spring.
Instruction and practice in adapted activities for those students who are excused by the school physician from the regular activity program. May be taken four semesters for credit.

127. GYMNASTICS. (1) Fall, Spring.
Instruction and practice in the basic skills of gymnastics.

128. HANDBALL AND WEIGHT TRAINING. (1) Fall, Spring. (For men only).
Instruction and practice in the basic skills of handball and weight training.

129. FUNDAMENTALS OF MOVEMENT AND RHYTHM. (1) Fall.
Principles and practices of body movement and response to rhythm. Required of those students certifying to teach physical education in the elementary school.

130. OUTDOOR ACTIVITIES. (1) Spring. (For men only).
The course will provide students with an opportunity for developing knowledge of and an appreciation for the out-of-doors and basic skills necessary for living in the out-of-doors. Instruction will be provided in elementary woodlore and basic ecology. In addition, training will be given and time will be spent in the following out-of-doors experiences: survival training and camping, basic wilderness and mountain climbing techniques, canoeing, and rafting. Fee $20.00.

202. FIRST AID. (2) Fall, Spring.
Standard Red Cross First Aid course.

203. HEALTH EDUCATION. (3) Fall, Spring.
Consideration of personal, school and community health problems. Required of all prospective teachers. Prerequisite: Sophomore standing.

206. SURVEY OF PHYSICAL EDUCATION [K-12]. (3) Fall.
A study of the historical development of physical education, its underlying principles and its place in the educational program.

301G. KINESIOLOGY AND BIOMECHANICS. (3) Fall.
A study of major muscle groups and their relationship to various body movements. Consideration is also given to various activities which contribute to the functional development of major muscle groups. Prerequisite: Biology 275 or consent of the instructor.

304. COACHING FOOTBALL. (2) Fall.
Coaching and officiating football.

306. COACHING BASKETBALL. (2) Spring.
Coaching and officiating basketball.

307. COACHING BASEBALL AND TRACK. (2) Spring.
Coaching and officiating baseball and track.

308. COACHING SOFTBALL AND VOLLEYBALL. (2) Fall.
A study of the theory and techniques of coaching and officiating softball and volleyball for women.

310. COACHING BASKETBALL AND TRACK. (2) Spring.
A study of the theory and techniques of coaching and officiating basketball and track for women.

315. CAMP LEADERSHIP. (2) Spring.
Study of and participation in camp organization, camp promotion, campfire programs, nature observation, camp athletics, hiking and outdoor cookery.

320. ORGANIZATION AND SUPERVISION OF RECREATION PROGRAMS. (3) Fall.
History of the recreation movement, methods of organizing and supervising various types of institutional and community recreation programs, and survey of vocational opportunities in the field.

330G. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. (3) Spring.
A study of methods as they apply to the total program and to the organization, instruction and selection of activities at the class level. Required of prospective elementary teachers.

355. THEORY & TECHNIQUES OF TEACHING SPORT SKILLS I. (3) Fall.
Theory and techniques of teaching golf, gymnastics, bowling, and swimming, and through development of skills in these activities. For majors and minors only. Fee: $6.00. Prerequisite: Must have passed a proficiency skills test in two team sports and four dual and individual sports.

356. THEORY & TECHNIQUES OF TEACHING SPORT SKILLS II. (3) Spring.
Theory and techniques of teaching archery, badminton, handball, and tennis, and through development of skills in these activities. For majors and minors only. Fee: $2.00. Prerequisite: Must have passed a proficiency skills test in two team sports and four dual and individual sports.

402G. PREVENTION AND TREATMENT OF ATHLETIC INJURIES. (3) Fall.
A study of the prevention of athletic injuries and the different forms of therapy in the treatment of injuries common to athletics and physical education. Fee $3.00.

403G. SEMINAR IN COMMUNITY HEALTH PROBLEMS. (3) Offered on sufficient demand.
An attempt to define health problems within the community. Students engage in the analysis and possible solution of these problems.

404G. EVALUATION AND APPRAISAL IN PHYSICAL EDUCATION. (2) Fall.
Acquaints students with the various testing devices in physical education and gives practice in the use of these devices.

405G. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION [K-12]. (3) Fall.
A study of the principles of organization and administration of physical education and athletic programs. Consideration will be given to personnel, schedules, equipment and facilities, records, budget and finance, legal aspects, publicity and public relations, athletic associations, eligibility regulations, contracts and officials.

406G. MOTOR LEARNING AND PERFORMANCE. (3) Offered on sufficient demand.
Psychological and physiological factors related to the development of motor skill; emphasis on the teacher's role in facilitating learning. Includes review and analysis of appropriate research. Prerequisite: 301 or consent of the instructor.

407G. PHYSIOLOGY OF EXERCISE. (3) Spring.
Fundamental concepts of human physiology and their application to programs of physical education and sports. Prerequisite: Biology 275 or consent of the instructor.

427. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR SECONDARY SCHOOLS. (3) Spring.
A study of methods as they apply to the total program and to the organization, instruction and selection of activities at the class level. Same as Education 427.

450. SEMINAR IN PHYSICAL EDUCATION. (2) Offered on sufficient demand.
Open only to majors in physical education in their senior year.

501. DIRECTED READING IN PHYSICAL EDUCATION. (3) Offered on demand.
Independent study of selected topics to fill any deficiencies or to strengthen the student's background in physical education.

502. DIRECTED READING IN HEALTH EDUCATION AND RECREATION. (3) Offered on demand.
Independent study of selected topics to fill any deficiencies or to strengthen the student's background in health education and recreation.

503. RESEARCH METHODS IN PHYSICAL EDUCATION, HEALTH EDUCATION, AND RECREATION. (3) Offered on sufficient demand.
The application of research methods and techniques to problems in physical education, health education, and recreation.

504. RESEARCH. (1-6) Offered on demand.
Supervised research in health, physical education, or recreation. A research paper will be required. The study must be approved by the chairman of the department and the staff member who will supervise the research. Prerequisite: 503.

Department of Physical Science

PROFESSORS:
William D. Williams, Ph.D.
Chairman
Don England, Ph.D.
Joseph E. Pryor, Ph.D.

ASSOCIATE PROFESSORS:
Maurice L. Lawson, M.S.
James E. Mackey, Ph.D.
Carroll W. Smith, Ph.D.

ASSISTANT PROFESSORS:
Clifford E. Sharp, M.S.T.
Edmond W. Wilson, Jr., Ph.D.

The Department of Physical Science is organized with the following objectives in view: to increase the general culture of all students; to prepare high school science teachers; to provide the basic training for pre-professional students of medicine, engineering and other professional fields; and to prepare chemistry and physics majors for graduate study or industrial work. The Bachelor of Science degree is awarded to chemistry and physics majors. For the general science degree programs see page 136.

Chemistry

Major: 35 hours of chemistry, including 111-112, 261, 301-302, 310, 411-412, and 6 additional advanced-level hours. The following supporting courses or equivalents must be completed: Physics 211-212, Mathematics 251, and additional science and/or mathematics to total 67 hours in this area. Participation in a departmental seminar, Chemistry 310, with a passing grade is required of all junior and senior majors. In addition, German 101-102 is required. Chemistry 312, Mathematics 252, 351, and Physics 301 are recommended. A minor is not required.

Minor: 18 hours of chemistry, including 6 advanced hours.

Physics

Major: 33 hours of physics, including 211-212 and at least 2 hours of intermediate or advanced laboratory. The following supporting courses or equivalents must be completed: Chemistry 111-112; Mathematics 252, 351; and additional sciences and/or mathematics to total 67 hours in this area. Participation in a departmental seminar with a passing grade is required of all junior and senior majors. In addition, German 101-102 or French 101-102 is required. Chemistry 411-412 or 3 additional hours of approved mathematics may be elected as part of the 33-hour physics total. A double major in mathematics is highly recommended. A minor is not required.

Cooperative Major: A major in physics is also offered in cooperation with the University of Arkansas. The student will normally enroll at the University of Arkansas for his senior year. A 3-2 program is offered in cooperation with Georgia Institute of Technology.

Minor: 18 hours in physics including 6 hours of advanced credit.

CHEMISTRY

111-112. GENERAL CHEMISTRY. (4,4) Fall, Spring.
The fundamental principles and facts of inorganic chemistry including the basic laws and theories, atomic structure, the periodic table, bonding, nomenclature, solutions, reactions, and elementary calculations. 112 includes a systematic survey of the more common elements and qualitative analysis. Three class periods and three hours laboratory per week.

115. GENERAL CHEMISTRY. (4) Spring.
Continuation of 111 designed for students majoring in home economics, agriculture, nursing, physical education, and biology. A basic introduction to the nomenclature, classification, preparation, uses, and characteristic reactions of single aliphatic and aromatic compounds of carbon with special emphasis being placed on applying chemistry to biological systems. Does not count toward a major in chemistry. Three class periods and three hours laboratory per week. Credit in both 112 and 115 will not be granted.

261. ANALYTICAL CHEMISTRY I. (4) Fall.
The basic theories and techniques of qualitative and quantitative chemical separations and analyses emphasizing chemical equilibrium, gravimetric and volumetric analysis. Two class periods and six hours laboratory per week. Prerequisite: 112 or 115 with a minimum grade of "C."

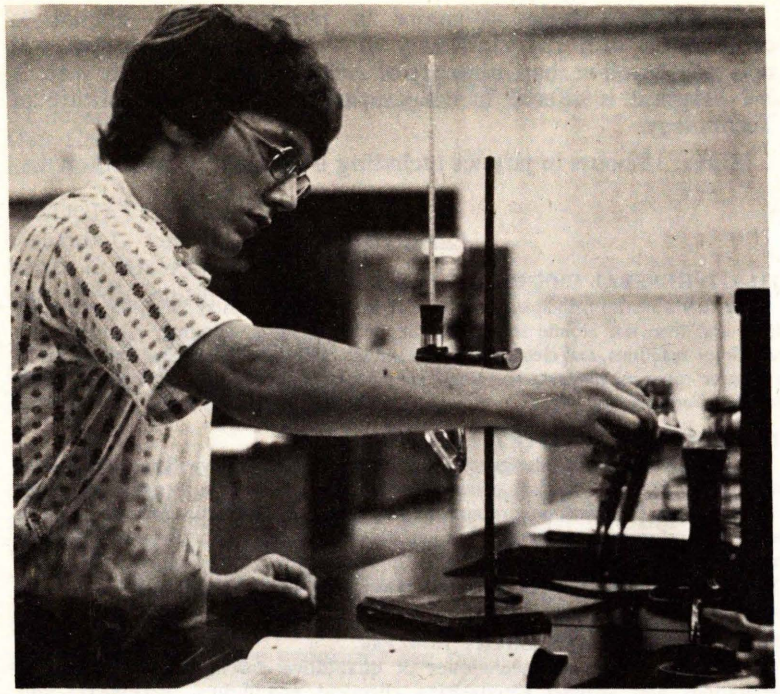
262. ANALYTICAL CHEMISTRY II. (4) Spring. Alternate years; offered 1973-74.
Continuation of 261 emphasizing instrumental analysis. Two class periods and six hours laboratory per week. Prerequisite: 261.

271x. ELEMENTARY ORGANIC CHEMISTRY. (4) Fall.
A terminal study of fundamental organic chemistry, with a brief summary of the chemistry of foods and polymers. This course is designed for students of biology, home economics, nursing, education, and preprofessional curricula requiring only four hours of organic chemistry. Three class periods and three hours of laboratory per week. Prerequisite: 112 or 115. Does not count toward a major in chemistry. Credit is voided by earning credit in 301 and/or 302.

301-302. ORGANIC CHEMISTRY. (4,4) Fall, Spring.
An integrated approach to structure and mechanism in organic chemistry, including nomenclature, classification, synthesis, properties, and uses of the compounds of carbon. Three class periods and three hours laboratory per week. Prerequisite: 112 or 115.

310. CHEMICAL COMMUNICATIONS. (1) Fall and Spring.
The sources of information in the field of chemistry, the use of chemical literature, and departmental seminar. Required of all junior and senior majors, but credit is earned only in the spring semester of the senior year. Prerequisite: 12 hours of chemistry.

312. ADVANCED INORGANIC CHEMISTRY. (3) Spring. Alternate years; offered 1974-75.
Advanced topics in inorganic chemistry including atomic structure, periodic system, chemical bonding, coordination chemistry and radio-activity. Three class periods per week. Prerequisite: 112, Physics 202 or equivalent.



324. BIOCHEMISTRY I. (3) Spring.
The basic concepts of the chemistry and metabolism of carbohydrates, lipids, proteins, nucleic acids, vitamins, and hormones are considered with special consideration being given to biochemical energetics and molecular biochemistry. Three class periods per week. Prerequisite: 271 or 301.

325x. BIOCHEMISTRY LABORATORY. (1) Spring.
A laboratory designed to study physiology and biochemistry at the cellular level. Same as Biology 421. Prerequisite: Enrollment or credit in 324.

326x. BIOCHEMISTRY II. (3) Fall.
Continuation of 324 with added emphasis given to enzymology, protein and nucleic acid metabolism, and photosynthesis. Additional special topics in the field of biochemistry may be considered. Three class periods per week. Prerequisite: 302 or 324.

405G. RESEARCH TECHNIQUES. (1 or 2) Fall, Spring.
An introduction to research methodology and techniques. Inorganic, organic, analytical, radioisotope, physical, or biochemical research projects may be chosen according to student goals and staff interests. A minimum of three hours of laboratory per week for each hour of credit. May be repeated but not more than 2 hours may count toward the 35 required for a major. Prerequisite: Junior standing and consent of faculty member who will advise.

411G-412G. PHYSICAL CHEMISTRY. (4,4) Fall, Spring.
Fundamental principles of physical chemistry including states of matter, properties of solutions, thermodynamics, equilibria and phase diagrams, chemical kinetics, conductance and electromotive force. Three class periods and three hours laboratory per week. Prerequisites: 261 or consent of the instructor, Physics 211-212 and Mathematics 251. Mathematics 251 may be taken concurrently.

PHYSICAL SCIENCE

101. EARTH SCIENCE. (2) Fall, Spring.
An introduction to the philosophy and methodology of science. Some basic concepts of astronomy, geology, meteorology, and conservation of natural resources.

102. PHYSICAL SCIENCE. (2) Fall, Spring.
Some basic concepts of chemistry and physics.

212. FUNDAMENTALS OF GEOGRAPHY. (3) Fall, Spring.
Same as Geography 212.

PHYSICS

201-202. GENERAL PHYSICS. (4,4) Fall, Spring.
Beginning physics course primarily for pre-professional programs. This may not be applied to a major or minor in physics without approval of the department chairman. Material normally covered will be mechanics, thermodynamics, acoustics, optics, and electricity. Three hours lecture and three hours laboratory per week. Prerequisite: Mathematics 152 or equivalent. Credit in both 201-202 and 211-212 will not be granted.

211-212. COLLEGE PHYSICS. (4,4) Fall, Spring.
Beginning physics course for physical science and mathematics majors and pre-engineers. This course is designed to provide a fundamental background for further studies in physics. Material normally covered will be mechanics, thermodynamics, acoustics, optics, and electricity. Three hours lecture and three hours laboratory per week. Prerequisite: Concurrent enrollment in Mathematics 251 and a grade of "C" in Mathematics 201. Credit in both 201-202 and 211-212 will not be granted.

301. MODERN PHYSICS. (3) Fall.
Some of the important twentieth century advances in the field of physics selected from electromagnetic radiation, atomic structure, X-rays, spectroscopy, theory of relativity, the quantum theory, and nuclear physics. Three class periods per week. Prerequisites: 201-202 or 211-212 and Mathematics 251.

305. ELECTRONICS. (2) Spring.
A course designed to provide a working knowledge of basic electronic devices and circuits involving either vacuum tubes or transistors. The design, construction, and testing of some of these circuits will be treated in the laboratory. Students taking this course must have satisfactorily completed 201-202, 211-212, or the equivalent. One hour lecture and at least three hours laboratory per week. Prerequisite: Consent of the instructor.

311. OPTICS. (3) Spring. Offered on sufficient demand.
A study of geometrical and physical optics, including a rigorous treatment of basic principles and the theory of certain optical instruments. Three class periods per week. Prerequisites: 201-202 or 211-212 and Mathematics 252. The latter may be taken concurrently.

321. THERMODYNAMICS AND STATISTICAL MECHANICS. (3) Fall. Alternate years; offered 1974-75.
A study of the thermal properties of matter including the first, second, and third laws of thermodynamics and their applications, with an introduction to statistical mechanics. Three hours lecture per week. Prerequisite: 211-212 and Mathematics 252 or consent of the instructor.

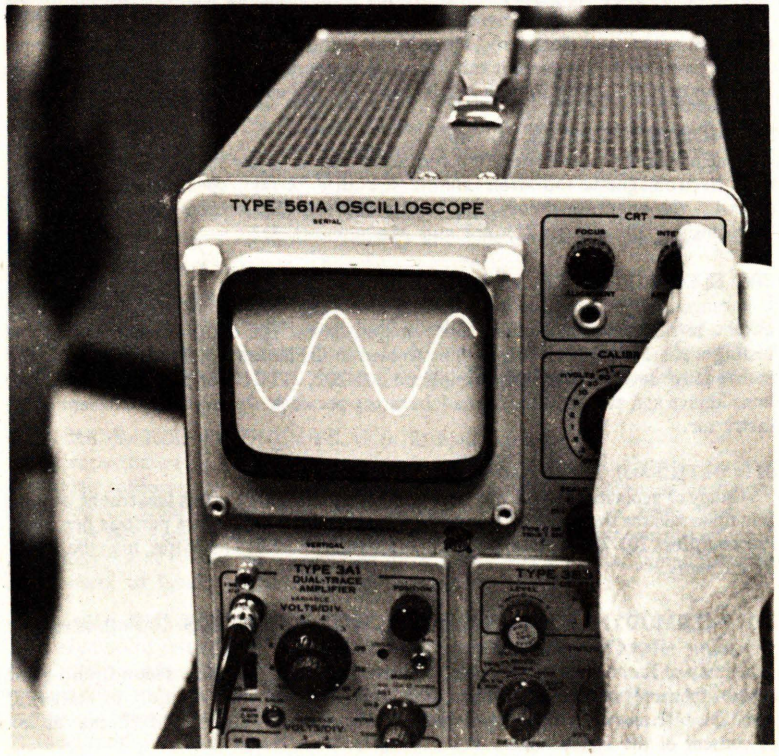
380. INTERMEDIATE LABORATORY. (1-2) Offered on demand.
Experiments related to intermediate courses in physics with emphasis on modern physics and optics. Normally the laboratory is taken concurrently with the respective intermediate course. Three hours laboratory per week for each hour of credit. Prerequisite: 211-212 and enrollment or credit in some course beyond general physics, or consent of the instructor.

411G-412G. ELECTROMAGNETIC THEORY. (3,3) Fall, Spring. Alternate years; offered 1975-76.
The properties of electric and magnetic fields, electrostatics, and Maxwell's equations. Both semesters must be taken. Three hours lecture per week. Pre- or co-requisite: Mathematics 351.

415G. ADVANCED LABORATORY. (1) Offered on demand.
Selected experiemental problems of an advanced undergraduate level from various areas of physics. Not less than three laboratory hours per week. May be taken two times for credit. Prerequisite: Advanced standing in physics and approval of instructor.

421G. ANALYTICAL MECHANICS. (3) Spring. Alternate years; offered 1974-75.
Kinematics of point masses and bodies with an introduction to vector analysis, stressing the use of mathematics in interpreting natural phenomena. Three class periods per week. Prerequisite: 211-212 and Mathematics 351.

444G. SELECTED TOPICS. (3) Offered on sufficient demand.
Study of certain advanced physics topics. Class meetings will be arranged by the instructor. Prerequisite: Consent of the instructor.



Department of Psychology and Sociology

PROFESSOR:
Billy D. Verkler, Ph.D.

ASSOCIATE PROFESSOR:
Walter L. Porter, Ph.D.

ASSISTANT PROFESSORS:
Ronald L. Brotherton, M.A.
Chairman
William L. Culp, M.A.
Bernadine Egly, M.S.S.W.
Lewis L. Moore, M.A.T.

The Department of Psychology and Sociology has been designed to achieve the following objectives:

1. To contribute to the general education of students by giving them a scientific attitude toward and an understanding of human behavior;
2. To help students gain attitudes, information, and understanding which will enable them better to meet their personal and social problems;
3. To serve as a bridge between the biological sciences and the other social sciences;
4. To promote creative and critical thinking;
5. To give background preparation for professions which deal with individual and group behavior, such as child psychology, industrial psychology, clinical psychology, and social work;
6. To encourage students to enter the field, whether in teaching, research, or applied areas;
7. To supply information which will prepare students for more advanced study in psychology and/or sociology.

Major in Psychology: 32 hours in approved psychology courses, including 201, 240, 260, 315, 325, 375, 380, and 425. Six hours of a foreign language are highly recommended.

Major in Psychology (for those certifying to teach with psychology as a teaching field): 32 hours in approved psychology courses, 18 of which must be upper-level hours, including 201, 240, 307, 315, 380, and 438. In addition, certification in a second teaching field, including supervised teaching, is required.

Minor in Psychology: 18 hours, including 201 and 6 hours of upper-level work.

Major in Social Work: 54 hours, including Psychology 201, 351, 380, 410; Social Work 265, 330, 399, 450 (for 9 hours), 451; Sociology 203, 250, 260, 325, 405, 408; and 3 hours of elective social work or sociology. A minor is not required. A select group of senior social work majors may participate in an undergraduate-graduate linkage

program between Harding College and the University of Arkansas Graduate School of Social Work in Little Rock.

Major in Sociology: 32 hours in approved courses, including 203, 250, 261, 325, 330, 408, 440, 445, and 450. Six hours of a foreign language are highly recommended.

Minor in Sociology: 18 hours, including 203 and 6 hours of upper-level work.

PSYCHOLOGY

201. GENERAL PSYCHOLOGY. (3) Fall, Spring.
The fundamentals of human adjustment with special reference to such topics as scope and methods of psychology, growth and development, individual differences and their measurement, the dynamics of behavior, frustration and conflict, personality, learning, remembering and forgetting, thinking and problem solving, and applied psychology.

240. CHILD AND ADOLESCENT PSYCHOLOGY. (3) Fall.
Individual development through adolescence with emphasis on physical and motor, mental and language, emotional and social development. Prerequisite: 201.

260. MEASUREMENTS FOR BEHAVIORAL SCIENCES. (3) Fall.
An introduction to measurements currently used in behavioral sciences, with emphasis upon theory and rationale as well as techniques. Areas covered include a review of algebra, data scales, frequency distributions, graphic representations, percentiles, measures of central tendency, and variability. Satisfies general education mathematics requirement **only** if Psychology 325 is also satisfactorily completed. Three class periods and two hours laboratory per week. Prerequisite: 201 or equivalent.

300x. PARENTHOOD AND MARRIAGE RELATIONSHIPS. (2) Offered on sufficient demand.
The psychological aspects of marriage relationships and child rearing from a Christian viewpoint.

307. EDUCATIONAL PSYCHOLOGY. (3) Fall, Spring.
Same as Education 307.

315. PHYSIOLOGICAL PSYCHOLOGY. (3) Fall.
Survey of response systems and biological events as independent variables in behavior. Such topics as reflex and voluntary actions, motor skills, mental and physical work, fatigue, efficiency, and motor theory of behavior. Prerequisite: 201.

325. STATISTICS. (3) Spring.
Introduction to statistical techniques as they apply to the field of psychology. Considers application of statistical methods to data from psychological tests and experiments. Interpretation and theory stressed. Required of majors in psychology, sociology, and social work. Three class periods and two hours laboratory per week. Prerequisite: 260.

351G. COUNSELING. (3) Fall, Spring.
A course designed to give students a thorough knowledge of the theories and philosophies underlying current practices in the field of counseling. Special attention is given to helping each student develop his own theory and techniques. Prerequisites: Junior standing and 201 or Education 203.

375. EXPERIMENTAL PSYCHOLOGY. (4) Fall.
Design and analysis of psychological research in such areas as learning, problem-solving, concept formation, perception, and thinking. Group and individual experimentation. Required of majors in psychology. Three class periods and three hours laboratory per week. Prerequisite: 325.

380G. PSYCHOLOGY OF PERSONALITY. (3) Fall, Spring.
An introduction to theories of personality, with emphasis upon dynamics of personality development. Prerequisite: 201.

400G. PSYCHOLOGICAL TESTING. (3) Spring. Offered on sufficient demand.
History and development of mental tests; validity and reliability of measures used, practice in administration, scoring, and interpretation of group tests of intelligence, interest, personality, scholastic aptitude, special abilities, and achievement. Prerequisite: 201 and 325 or the consent of the instructor.

407x. PSYCHOLOGY OF EXCEPTIONAL CHILDREN. (3) Spring.
Same as Education 407. Prerequisite: 240 or Education 203.

408G. SOCIAL PSYCHOLOGY. (3) Spring.
Psychology of the individual in the group situation; the social environment as a source of psychological stimulation. Consideration of such topics as crowd and mob behavior, leadership, personality, prejudice. Prerequisite: 201. Sociology 203 is recommended.

410G. BEHAVIORAL DISORDERS. (3) Spring.
A study of basic concepts of psychopathology with emphasis on the development of behavior deviations and descriptions of various types of behavioral disorders. Prerequisite: 380 or consent of the departmental chairman.

425G. HISTORY AND SYSTEMS. (3) Spring.
A study of the historical and philosophical development of psychology; emphasis upon contributions of important leaders and schools of psychology, and consideration of current problems in psychology. Prerequisite: 18 semester hours of psychology or consent of the instructor.

435Gx. PERCEPTION AND MOTIVATION. (3) Offered on sufficient demand.
A survey of theory pertaining to perception and motivation. Consideration of the concepts of instinct, drive, and motive with coverage of both animal and human studies. Prerequisite: 240 or consent of instructor.

438G. PSYCHOLOGY OF LEARNING. (3) Offered on sufficient demand. Same as Education 538.

450. INDEPENDENT STUDY. (1-3) Offered on demand.
Individual study or research for senior majors in psychology. Prerequisite: 201 and consent of the instructor and the chairman of the department.

550x. INDEPENDENT STUDY. (1-3) Offered on demand.
Individual study or research in psychology for qualified graduate students. Prerequisite: 12 hours of psychology and approval of the chairman of the department.

SOCIAL WORK

265. INTRODUCTION TO SOCIAL WELFARE. (3) Spring.
Survey of the history of social welfare. Examination of governmental and economic factors in social welfare as well as introduction to structure and functioning of social work as a profession.

330. RESEARCH METHODS. (3) Fall.
Same as Sociology 330. Prerequisites: Sociology 203 and 325.

399. PROFESSIONAL METHODS IN SOCIAL WORK. (3) Fall.
An examination of the methods, procedures, and problems of professional social work practices. Prerequisite: 265.

450x. FIELD PLACEMENT. (3-9) Offered on demand.
Individual study or research on selected topics in social work. Will include supervised field work. Prerequisite: 399. Open only to senior majors in social work.

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451x. SOCIAL WORK SEMINAR. (3) Offered on demand.
Review of latest developments in social work; analysis of problems encountered in field placement; development of self-awareness and techniques of interviewing. Corequisite: 450.

SOCIOLOGY

203. GENERAL SOCIOLOGY. (3) Fall, Spring.
Introduction to the general principles of sociology giving a broad perspective of the nature of society and its problems in terms of social institutions, forces and changes.

250. ANTHROPOLOGY. (3) Fall.
A study of the origin, nature and diffusion of culture. Beginnings of human society and the comparison of some contemporary cultures.

260. MEASUREMENTS FOR BEHAVIORAL SCIENCES. (3) Fall.
Same as Psychology 260.

265. INTRODUCTION TO SOCIAL WELFARE. (3) Spring.
Same as Social Work 265.

301. COURTSHIP AND MARRIAGE ADJUSTMENT. (3) Fall, Spring.
Historical family variations, courtship patterns, mate selection, marriage and divorce laws. Designed to give the student a thorough background for his own standards.

305. THE AMERICAN COMMUNITY. (3) Fall.
A study of the organization and structure of the American community. Emphasis is given to the various elements of community living and the function of the community. Prerequisite: 203.

315x. LATIN AMERICAN CIVILIZATION. (3) Fall. Alternate years; offered 1974-75.
Same as Spanish 315.

320. ETHNOLOGY. (3) Offered on sufficient demand.
Study of a variety of world cultures with emphasis placed upon kinship, political and economic systems, religion, value systems, and social change.

325. STATISTICS. (3) Spring.
Same as Psychology 325. Prerequisite: 260.

330. RESEARCH METHODS. (3) Fall.
Introduction to the major steps of scientific inquiry into social relations. Emphasis will be placed on survey design and analysis. Prerequisite: 203 and 325.

342. CRIME AND DELINQUENCY. (3) Spring.
A study of crime and juvenile delinquency emphasizing causes, law enforcement, and treatment. Prerequisite: 203.

350. INDUSTRIAL SOCIOLOGY. (3) Offered on sufficient demand.
The social aspects of the structure and functioning of industrial organizations. Prerequisite: 203.

355. COLLECTIVE BEHAVIOR. (3) Offered on sufficient demand.
The factors which influence public opinion, how public opinion affects policy-making and execution, the problem of measurement and the media, techniques, and content of propaganda.

375. POPULATION AND ECOLOGY. (3) Offered on sufficient demand.
The influence of demographic factors, habitat, economy, and technology on social organization and change in the human community. Prerequisite: 203.

381x. CULTURE AND PERSONALITY. (3) Offered on sufficient demand.
The impact of culture on the development of individual personality, survey of the contemporary schools of thought, research methods, and applications.

405G. CONTEMPORARY SOCIAL PROBLEMS. (3) Fall.
Our present social system, the organization into communities, states and races. The fundamental problems which affect these social organizations. Prerequisite: 203.

408G. SOCIAL PSYCHOLOGY. (3) Spring.
Same as Psychology 408G. Prerequisite: Psychology 201. Sociology 203 is recommended.

410G. MINORITY GROUPS. (3) Fall.
The identity, goals, and organizations of minority groups; race relations as a social problem. Prerequisite: 203.

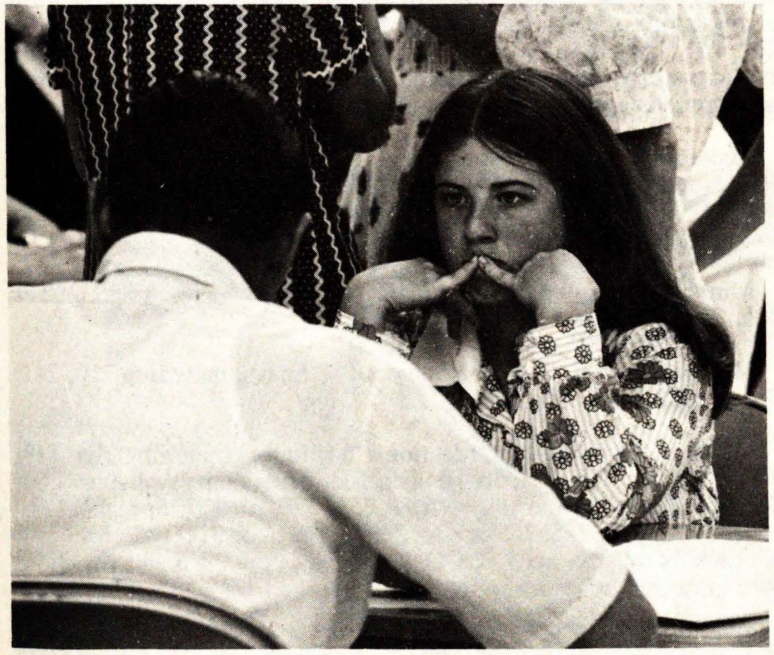
440G. HISTORY OF SOCIOLOGICAL AND ANTHROPOLOGICAL THEORY. (3) Spring.
Major theoretical contributions to sociology, social psychology, and anthropology. A study of the historical development and theoretical interrelationships of the three fields. Prerequisite: 15 hours of sociology, including 203 and 250; and, for juniors, permission of the instructor.

445G. SEMINAR IN CONTEMPORARY SOCIOLOGICAL THEORY. (3) Fall.
Analysis of current sociological theories and concepts, including trends and major figures in the field. Prerequisite: 15 hours of sociology.

449Gx. WORKSHOP IN ENVIRONMENTAL STUDIES. (3) Summer.
Same as Biology; 449G.

450. INDEPENDENT STUDY. (1-3) Offered on demand.
Individual study or research for senior majors in sociology. Prerequisite: 203 and consent of the instructor and chairman of the department.

550x. INDEPENDENT STUDY. (1-3) Offered on demand.
Individual study or research in sociology for qualified graduate students. Prerequisite: 12 hours of sociology and approval of the chairman of the department.



Department of Speech

PROFESSORS:
Evan Ulrey, Ph.D.
Chairman
Richard W. Walker, Ph.D.

ASSOCIATE PROFESSOR:
John H. Ryan, Ph.D.

ASSISTANT PROFESSORS:
J. Harvey Dykes, M.A.
Robert Eubanks, M.A.

INSTRUCTORS:
Patrick Garner, M.A.
Robert E. West, M.A.
Morris Ray Ellis, M.A.

The Department of Speech has the following objectives: to establish an academic basis for understanding the role of communication in society, to improve the communicative skills and attitudes of all students, to develop specialized abilities in public speaking, dramatics, oral reading, mass communications, and speech therapy, and to prepare teachers of speech.

Major in Speech: 33 hours of speech including 204, 210, 211, 250, 251, 255, 265, 275, 405, and 410. Speech majors must earn credit in at least four semesters of co-curricular activity courses numbered 131, 141, 151, 161, 270, and 300. Credit must be earned in at least two areas. Students should enroll in only one laboratory course per semester except by permission from the department chairman.

Recommended major for secondary school teachers: 33 hours of speech including 204, 206, 210, 211, 250, 251, 255, 265, 275, 310, 405, 410, and four semesters of co-curricular activity courses in at least two areas. Education 430 is also required.

Minor in Speech: 18 hours, including 210, 211, 204 or 255, 250 or 405, 265 and 275.

Minor in Speech (for Bible majors): 18 hours, including 210, 211, 255 or 350, 265, 275 and 341.

Major in Mass Communications: 64 hours, including Art 249-250; Business 315, 368; Journalism 303, 323, 392; Psychology 260; Sociology 203 and one course from 355, 375, or 405; Speech 141 (2 hours), 211, 251, 255, 265 or 275, 280, 281, 310 or 311, 341, 401, 410. A minor is not required. This is the recommended major for those who plan graduate study in mass communications.

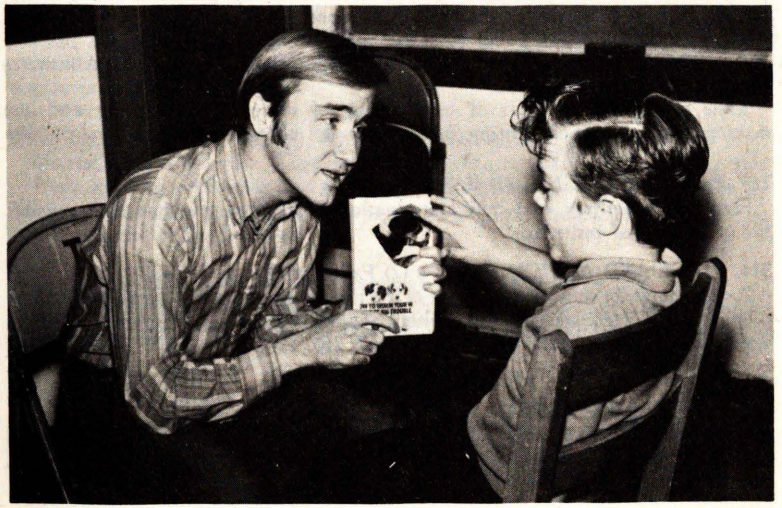
Major in Speech Therapy: 62 hours of speech, biology, education, and psychology, including Speech 211, 250, 255 or 210, 300 (2 hours), 400, 401, 402, 405, 406, and 420; Biology 251 and 275; Education 307, 336, and *at least* 6 additional hours elected from 203, 302, 325, 351, 380, 400, 407, 417, and 430; and Psychology 201, 260, and 6 additional hours elected from 325, 351, 380, 400, 407, and 410 (not included as Education courses where dual listing occurs). Also, all general education courses required for teacher certification must be met by *course credit*, including History 101, Physical Education 203 and 3 hours of activity courses, and Political Science 205. If a student desires to certify as a speech teacher as well as a speech therapist, he must take additional education and speech courses and be admitted to the teacher education program. No minor is required.

GRADUATE PROGRAM IN SPEECH THERAPY

Admission: The student must qualify for admission to the graduate program — see pages 72-74. In general, a minimum of twelve undergraduate hours in speech will be required. The twelve hours should include Speech 250 or equivalent and an introductory course in phonetics. Students without satisfactory undergraduate preparation must complete a prescribed number of hours which will not count for graduate credit. The specific program of the student will be worked out in counseling with his major field advisor who will be appointed by the Speech Department Chairman.

Goals of the program: to prepare students to do a high quality of work in speech therapy in the public school or a speech clinic. Students completing the program will exceed the minimum requirements for Arkansas certification in Speech Therapy.

Course requirements for the Master of Arts in Teaching degree: 18 approved graduate hours in speech; 12 hours in education, including 536, 545, 552, and 3 hours of elective from 400, 419, 532, 537, 538, 543, and 554; and 2 hours in Bible. A candidate for the M.A.T. degree must be qualified to hold the six-year Arkansas certificate or its equivalent from another state.



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101. BASIC SPEECH COMMUNICATION. (3) Fall, Spring.
Instruction and practice in the theory and skills of oral communication such as the organization and delivery of short speeches, reading aloud in public, group discussions, critical listening, and evaluation. Does not count toward a major or minor.

103x. BASIC SPEECH COMMUNICATION—HONORS. (3) Fall, Spring.
A study of classical and contemporary theories of public communication in the theory and practice of prominent speakers. Prepared speeches, writing of critical essays, discussion.

121. INTRODUCTION TO ACTING. (2) Fall. Alternates with 310; offered 1974-75.
Lecture-laboratory in acting methods and techniques. Practical application in the drama workshop.

131. DRAMA LABORATORY. (1) Fall, Spring.
Credit may be earned for participation in major productions (three-act plays) on the Harding stage. The course may be taken two times for credit. Prerequisite: Consent of the director.

141. BROADCASTING LABORATORY. (1) Fall, Spring.
Credit may be earned for announcing or staff work on the college radio station. Basic equipment and techniques will be mastered through workshop sessions and regular staff activity. The course may be taken two times for credit. Prerequisite: Consent of the faculty director.

151. BEGINNING INTERCOLLEGIATE DEBATING. (1) Fall, Spring.
Credit may be earned for satisfactory participation in intercollegiate debate competition. The course may be taken two times for credit. Prerequisite: Consent of the debate instructor.

161. ORAL INTERPRETATION LABORATORY. (1) Fall, Spring.
Credit may be earned for adaptation and production of dramatic and non-dramatic literature for public presentation in a readers theatre or lecture recital. The course may be taken two times for credit. Prerequisite: 255 and consent of the director.

204x. INTRODUCTION TO EDUCATIONAL THEATRE. (2) Fall. Alternates with 206; offered 1975-76.
Orientation to the theory and practice of theatre arts; including a survey of plays. Study in the problems of play selection and direction, acting, personnel and financial organization, and general production management.

206x. INTRODUCTION TO THE TECHNICAL THEATRE. (2) Fall. Alternates with 204; offered 1974-75.
Basic theory and practice of construction of scenery and painting and the development and use of lighting instruments and controlboards.

210. PUBLIC SPEAKING. (2) Fall, Spring.
Preparation, delivery, and critical evaluation of prepared speeches. Prerequisite: 101 or consent of instructor.

211. VOICE AND ARTICULATION. (2) Fall, Spring.
A drill course for improving the use of the normal speaking voice, articulation and pronunciation. Exercises, practice projects, and use of recording equipment required. Speech majors should take concurrently with 210. Prerequisite: 101 or consent of instructor.

250. SPEECH CORRECTION. (3) Fall.
A survey of common speech defects, training teachers to correct minor defects and to recognize those that should be referred to experts. Prerequisite: 211 or consent of instructor.

251x. BROADCASTING. (2) Fall.
An introduction to the history, development, structure, and impact of broadcasting in the United States. Intended for all prospective majors and non-majors interested in attaining an educated layman's knowledge.

255. ORAL INTERPRETATION OF LITERATURE. (3) Fall, Spring.
Analysis and oral presentation of the various literary genres, including the essay, prose fiction, poetry, and drama.

265. ARGUMENTATION AND PERSUASION. (3) Fall.
Theory and practice of argumentation and persuasion, including research, the brief, cognitive and affective aspects of persuasion; argument, evidence, and motivation.

270. ADVANCED INTERCOLLEGIATE DEBATING. (1) Fall, Spring.
Credit may be earned for satisfactory participation in intercollegiate debate competition. The course may be taken two times for credit. Prerequisite: One year of satisfactory participation in intercollegiate debate.

275. SMALL GROUP COMMUNICATION. (3) Spring.
Theories and methods of interpersonal communication and group problem solving.

280. INTRODUCTION TO MASS COMMUNICATIONS THEORY. (2) Spring. Alternates with 281; offered 1974-75.
Investigation and analysis of the functions of mass communications systems in total station operation will be evaluated. Emphasis will be placed on the uses of programming and some alternatives to present practice. Prerequisite: 251.

281. PROGRAMMING. (2) Spring. Alternates with 280; offered 1975-76.
Analysis of the programming function of Radio and Television broadcasting. Programming philosophies of commercial and public agencies will be investigated in light of governmental and industry standards. The relationship of programming to total station operation will be evaluated. Emphasis will be placed on the uses of programming and some alternatives to present practice. Prerequisite: 251.

300. CLINICAL PRACTICE. (1) Fall, Spring.
Laboratory in speech correction. The course may be taken two times for credit. Prerequisite: 250.

306x. CONTEMPORARY DRAMA. (2) Spring. Alternates with 308; offered 1974-75.
Plays for the modern stage. Reading and analysis of plays, including study of possible production approaches to each. Prerequisites: 204 and 206 or consent of the instructor.

308x. THEATRE HISTORY. (3) Spring. Alternates with 306; offered 1975-76.
General study of the rise and development of the Western Theatre: Classical period to Ibsen. Reading representative plays coordinated with study and development in the physical theatre, with staging and with the roles of actor and director. Prerequisite: 204 or consent of the instructor.

310. PLAY DIRECTING. (3) Fall. Alternates with 121; offered 1975-76.
Lecture-workshop in selecting, analyzing, staging, and producing plays. Includes student directing of short plays. Prerequisite: 204 and 206 or consent of instructor.

311x. SCENE DESIGN AND STAGE LIGHTING. (3) Spring. Alternates with 312; offered 1974-75.
A study of form and style in scenic design. Requires the execution of perspective sketches, elevation drawings and renderings or models or settings designed varying styles and periods. Prerequisite: 206 or consent of the instructor.

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312. COSTUME AND MAKE-UP. (3) Spring. Alternates with 311; offered 1975-76.
A historical survey of costuming, along with practical projects in design and construction. Principles and application of stage make-up. Three class periods and one hour laboratory per week. Prerequisite: 206.

315G. SPEECH IN THE ELEMENTARY SCHOOL. (3) Fall, Spring.
A study of teacher and student communicative roles with particular attention to speech activities such as creative dramatics, oral reading, speech improvement, and phonetics.

341. CHRISTIAN COMMUNICATION. (3) Fall, Spring.
Classical and modern principles of communication as they relate to the Christian imperative to communicate.

350. ORAL INTERPRETATION OF THE BIBLE. (3) Spring.
Theory and practice of reading the Bible aloud. Selections from the Old and New Testament are used as a basis for theory and criticism. Prerequisite: 255 or consent of instructor.

352. READERS THEATRE. (3) Spring.
A study of the theory and techniques of group presentation of dramatic and non-dramatic literature. Adaptation of material, casting, rehearsing, directing, and production of readers theatre scripts. Emphasis on analysis and criticism of the literature and on program building. Prerequisite: 255.

400G. ADVANCED SPEECH CORRECTION. (3) Spring.
Identification and correction of more involved type of speech abnormalities: aphasia, cleft palate and cerebral palsied speech, and stuttering. Prerequisite: 250 or equavalent.

401G. VOICE SCIENCE. (3) Fall. Offered on sufficient demand.
A study of the anatomy, physiology, and acoustics of voice production.

402G. AUDIOLOGY. (3) Fall.
A study of the process of hearing, of tests for impaired function of the ear, and of rehabilitation of the aurally handicapped. Supervised practice in testing hearing.

405G. PHONETICS. (3) Fall.
General phonetic principles and practice. Regional dialects of America (general American, southern and eastern); also standard British or stage speech. Prerequisite: 211 or consent of instructor.

406G. PSYCHOLOGY OF LANGUAGE DEVELOPMENT. (3) Spring.
A study of normal and delayed language development; the foundations and functions of language in individual and group social behavior; communicative systems and facility; research data and major theories as a basis for successful therapy.

410G. RHETORICAL AND COMMUNICATION THEORY. (3) Spring.
Introduction to ancient and modern theories of discourse and communication. Development of critical theory and practice.

420x. SUPERVISED CLINICAL PRACTICE. (6) Spring.
A minimum of eight weeks of full-time clinical experience in an approved speech therapy clinic. Prerequisites: 250, 300 (2 hours), 400, 401, and 402.

430. TEACHING SPEECH. (3) Fall.
Methods of instructing in speech at high school level: speech fundamentals, public speaking, discussion, debate, interpretation, radio and drama. Same as Education 430.

441x-442x. INTERNSHIP IN RADIO AND TELEVISION. (3,3) Offered on demand.
Supervised work in a commercial or educational station. Designed to give the student an opportunity for observation and practice of fundamentals in a professional setting. Satisfactory academic performance in assigned subject areas for investigation is included. May be taken concurrently.

460G. ADVANCED AUDIOLOGY. (3) Summer.
A study of the more elaborate types of tests and diagnostic procedures of defective hearing. Supervised practice in advanced testing is provided. Prerequisite: 402.

461G. ANATOMY AND PHYSIOLOGY OF THE SPEECH MECHANISMS. (3) Summer.
The structure of the organs of hearing and speech and how these organs function.

500. ORGANIC SPEECH DISORDERS. (3) Summer.
A study of speech disorders which are the result of organic maldevelopment or damage and the rehabilitation of the person with the organic speech disorder.

501. SEMINAR IN SPEECH PATHOLOGY. (3) Summer.
Directed individual study in defective speech and its rehabilitation. Prerequisite: Consent of the instructor.

503. CLINICAL PRACTICE. (1 to 3) Summer.
Laboratory experience in the diagnosis of speech difficulties, including administering of tests, taking case histories, and writing reports. Prerequisite: 250 and consent of the instructor.

505. STUTTERING. (3) Summer.
A study of the psychology, idiology, and therapy of the disorder of stuttering. Thorough investigation of research on the subject.

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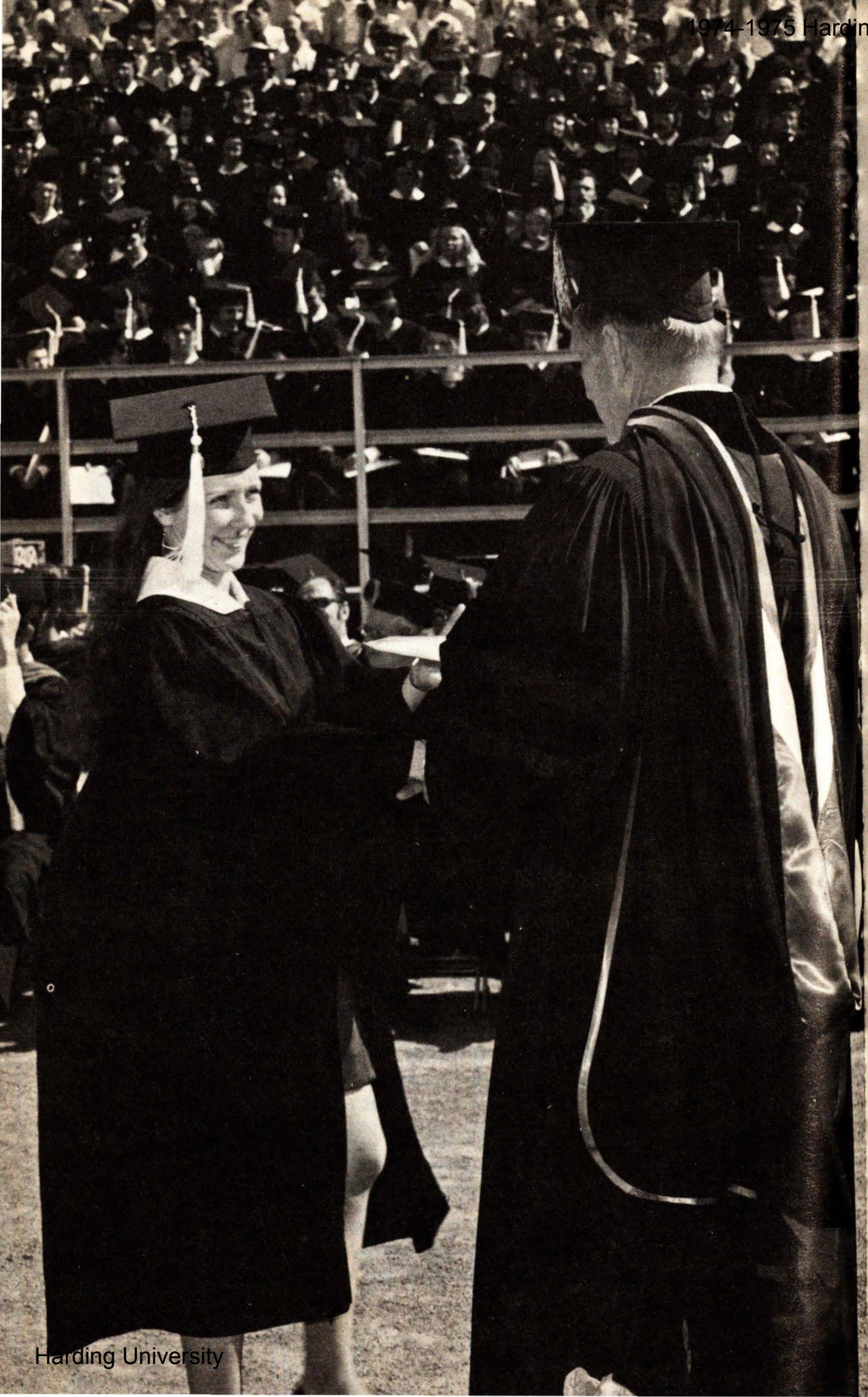

Part VI

Directory of Personnel
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Harding University

Office of the Provost

Board of Trustees

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HAROLD COGBURN, M.D., Forrest City, Arkansas

JAMES H. CONE, Little Rock, Arkansas

JAMES B. ELLERS, Memphis, Tennessee

HOUSTON EZELL, Nashville, Tennessee

RICHARD D. FULLER, Memphis, Tennessee

CLIFTON L. GANUS, JR., Ph.D., *Ex-Officio,* Searcy, Arkansas

JACK J. GOODE, Memphis, Tennessee

LOUIS E. GREEN, Newark, Delaware

DALLAS HARRIS, Boise, Idaho

OLEN HENDRIX, Prescott, Arkansas

HILLARD JOHNMEYER, Vichy, Missouri

LEMAN JOHNSON, Wenatchee, Washington

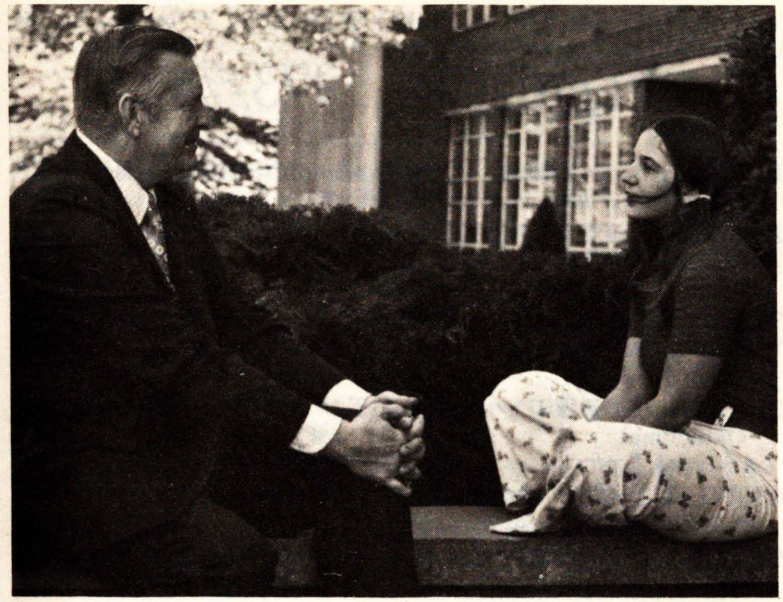
HOUSTON T. KARNES, Ph.D., Baton Rouge, Louisiana

MILTON PEEBLES, Saratoga, Arkansas

DAN E. RUSSELL, M.D., Shreveport, Louisiana

J. A. THOMPSON, Searcy, Arkansas

MRS. ROBERT S. WARNOCK, Magnolia, Arkansas



Officers of Administration

CLIFTON L. GANUS, JR., Ph.D., *President of the College*

BILL R. COX, M.B.A., LL.D., C.P.A., *Vice President*

LOTT R. TUCKER, JR., B.A., *Vice President for Finance and Business Manager*

C. FLOYD DANIEL, B.S., *Vice President for Development*

JOSEPH E. PRYOR, Ph.D., *Vice President for Academic Affairs and Dean of the College*

JAMES F. CARR, JR., Ed.D., *Assistant to the President and Director of the Summer Session*

TED M. ALTMAN, Ed.D., *Dean of Students*

VIRGIL M. BECKETT, B.A., *Registrar*

EDDIE R. CAMPBELL, M.A.T., *Dean of Men*

JOAN L. WOOD, M.S., *Dean of Women*

FRED J. ALEXANDER, M.Ed., *Director of Admissions*

HARRY D. OLREE, Ed.D., *Director of Research*

SHIRLEY ANNE BIRDSALL, M.S.L.S., *Librarian*

NYAL D. ROYSE, Ed.D., *Director of Graduate Studies*

HAROLD HAZELIP, Ph.D., *Dean of the Graduate School of Religion*

PERRY S. MASON, M.A., LL.D., *Superintendent of the Academy*

HAROLD BOWIE, Ed.D., *Vice President for Memphis Academy and Superintendent of Memphis Academy*

Harding University
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Faculty — 1973-74

FRED J. ALEXANDER, M.Ed. (Abilene Christian College)
Director of Admissions. 1968, 1969.*

JAMES R. ALLEN, M.R.E., Hh.D. (Harding Graduate School of Religion, Oklahoma Christian College)
Associate Professor of Bible. 1959, 1971.

TED M. ALTMAN, Ed.D. (North Texas State University)
Dean of Students and Associate Professor of Physical Education. 1963, 1972.

GEORGE EDWARD BAGGETT, D.M.E. (University of Oklahoma)
Assistant Professor of Music. 1949, 1955.

KARYL V. BAILEY, Ph.D. (Texas A & M University)
Assistant Professor of Physical Education. 1967, 1969.

**JAMES D. BALES, Ph.D. (University of California)
Professor of Christian Doctrine. 1944, 1947.

BARBARA G. BARNES, M.A.T. (Harding College)
Assistant Professor of Physical Education. 1966, 1972.

JEROME M. BARNES, Ed. D. (North Texas State University)
Associate Professor of Education and Director of Educational Media Center. 1962, 1971.

GARY BARTHOLOMEW, M.B.A., C.P.A. (University of Denver)
Assistant Professor of Accounting. 1971, 1973.

CECIL M. BECK, M.A. (North Texas State University)
Associate Professor of Physical Education. 1953, 1971.

VIRGIL M. BECKETT, B.A. (Harding College)
Registrar. 1958, 1960.

MILDRED L. BELL, Ph.D. (University of Minnesota)
Professor of Home Economics and Chairman of the Department. 1952, 1959.

WINNIE E. BELL, M.A.L.S. (George Peabody College)
Assistant Librarian. 1959.

SHIRLEY ANNE BIRDSALL, M.S.L.S. (Louisiana State University)
Librarian. 1962.

TROY BLUE, M.A. (George Peabody College)
Assistant Professor of Mathematics. 1967.

RODGER LEE BREWER, B.A. (Harding College)
Associate Instructor of English. 1973.

*First date indicates year of employment; second date, year appointed to present rank or position.

**On leave of absence 1973-74.

RONALD LEON BROTHERTON, M.A. (San Jose State College)
Assistant Professor of Psychology, Chairman of the Department of Psychology and Sociology, and Director of Counseling. 1969.

LOIS L. BROWN, M.A. (San Diego State College)
Assistant Professor of Special Education. 1973.

JESS BUCY, M.A. (Arkansas State University)
Assistant Professor of Physical Education. 1969.

WILLIAM LESLIE BURKE, M.A. (Northwestern University)
Professor of Greek and Hebrew and Chairman of the Department *of Biblical Languages.* 1944, 1947.

DAVID B. BURKS, Ph.D. (Florida State University)
Assistant Professor of Business Administration and Director of Placement. 1967, 1970.

EDDIE R. CAMPBELL, M.A.T. (Harding College)
Dean of Men. 1965, 1969.

KATHRYN R. CAMPBELL, M.A.T. (Harding College)
Assistant Professor of Physical Education. 1970, 1971.

JAMES F. CARR, JR., Ed.D. (Indiana University)
Professor of Education, Assistant to the President, and Director of the Summer Session. 1970, 1973.

**JOSEPHINE CLEVELAND, M.A. (Michigan State University)
Assistant Professor of English. 1966, 1968.

EARL W. COBILL, M.A. (University of Mississippi)
Instructor in Political Science. 1973.

BOBBY L. COKER, Ed.D. (University of Arkansas)
Associate Professor of Education and Director of Institutional Testing. 1968, 1973.

AVA CONLEY, M.A. (Vanderbilt University)
Assistant Professor of Spanish. 1973.

NEIL B. COPE, Ph.D. (University of Missouri)
Professor of Journalism and Chairman of the Department. 1936, 1947.

BOB J. CORBIN, M.Ed. (University of Oklahoma)
Associate Professor of Physical Education and Research Associate. 1964, 1973.

BILLY RAY COX, M.B.A., C.P.A., LL.D. (Southern Methodist University, Oklahoma Christian College)
Associate Professor of Business Administration, Vice President, and Director of the American Studies Program. 1964, 1970.

***SHAREN DEACON CROCKETT, M.S. (Ohio State University)
Assistant Professor of Home Economics and Director of the Nursery School. 1968, 1972.

WILLIAM L. CULP, M.A. (University of Arkansas)
Assistant Professor of Sociology. 1967, 1972.

KENNETH DAVIS, JR., D. Mus. (Indiana University)
Professor of Music. 1953, 1970.

**On leave of absence 1973-74.
***Spring semester of 1973-74.

DONALD P. DIFFINE, M.A. (St. Mary's University)
Assistant Professor of Economics. 1971.

FAYE M. DORAN, Ph. D. (Pennsylvania State University)
Assistant Professor of Art. 1973.

RONALD H. DORAN, M.A. (University of South Carolina)
Assistant Professor of Biological Science. 1968, 1973.

ALVA GENE DUGGER, M.S. (University of Missouri at Rolla)
Assistant Professor of Mathematics. 1969, 1972.

ELIZABETH P. DYKES, M.L.S. (Texas Woman's University)
Reference Librarian. 1967.

J. HARVEY DYKES, M.A. (Wayne State University)
Assistant Professor of Speech. 1967.

BERNADINE EGLY, M.S.S.W. (University of Missouri)
Assistant Professor of Social Work. 1970, 1973.

GARY D. ELLIOTT, Ph.D. (Kansas State University)
Assistant Professor of English and Chairman of the Department. 1967, 1973.

MORRIS RAY ELLIS, M.A. (Stephen F. Austin State University)
Instructor in Speech. 1971.

JAMES DONALD ENGLAND, Ph.D. (University of Mississippi)
Professor of Chemistry. 1960, 1971.

***LYNN A. ENGLAND, M.A. (University of Mississippi)
Assistant Professor of Home Economics and Director of the Nursery School. 1966, 1973.

ROBERT E. EUBANKS, M.A. (University of Arkansas)
Assistant Professor of Speech. 1967, 1969.

CLIFTON L. GANUS, JR., Ph.D. (Tulane University)
President of the College and Professor of History. 1946, 1965.

**CLIFTON L. GANUS III, M.M.E. (North Texas State University)
Assistant Professor of Music. 1968, 1970.

PATRICK GARNER, M.A. (Illinois State University)
Instructor in Speech. 1972.

STANLEY B. GREEN, B.S.E. (University of Houston)
Instructor in Art and Director of Publicity and Public Relations. 1966, 1971.

HUGH M. GROOVER, M.Ed. (University of Arkansas)
Associate Professor of Physical Education and Athletic Director. 1957, 1971.

WILLIAM JOE HACKER, JR., D.R.E. (Southwestern Baptist Theological Seminary)
Professor of Bible and Religious Education, Chairman of the Department of Beble, Religion and Philosophy, and Director of Christian Communications. 1961, 1971.

EARL CONARD HAYS, B.D. (Southern Methodist University)
Professor of Bible and Church History and Assistant to the Chairman of the Department of Bible, Religion and Philosophy. 1953, 1972.

**On leave of absence 1973-74.
***Fall semester of 1973-74.

JAMES A. HEDRICK, Ed.D, C.P.A. (North Texas State University)
Professor of Accounting and Chairman of the Department of Business and Economics. 1952, 1965.

ROBERT L. HELSTEN, M.A. (Harding Graduate School of Religion)
Associate Professor of Bible. 1958, 1972.

WILLIAM W. HOLLAWAY, Ph.D. (North Texas State University)
Associate Professor of Music. 1966, 1972.

THOMAS M. HOWARD, M.A. (Northern Illinois University)
Instructor in History and Political Science. 1972.

ALLAN L. ISOM, Ed.D. (New Orleans Baptist Theological Seminary)
Associate Professor of Bible. 1963, 1972.

**ALICE K. JEWELL, M.A. (Indiana University)
Assistant Professor of English. 1968, 1972.

**FRED R. JEWELL, M.A. (Indiana University)
Assistant Professor of History. 1968, 1970.

RICHARD A. JOHNSON, B.A. (Harding College)
Associate Instructor in Physical Education. 1969.

JERRY L. JONES, Th.D. (New Orleans Baptist Theological Seminary)
Assistant Professor of Bible. 1966.

BARBARA E. KARAFFA, M.Ed. (Bowling Green State University)
Instructor in Business Education. 1973.

**ROBERT J. KELLY, M.S.E. (Arkansas State University)
Assistant Professor of Business Education. 1969, 1972.

MAURICE L. LAWSON, M.S. (University of Oklahoma)
Associate Professor of Physics. 1954, 1965.

VIRGIL H. LAWYER, M.A. (North Texas State University)
Associate Professor of History and Social Science. 1961, 1973.

THEODORE R. LLOYD, M.S. (University of Mississippi)
Associate Professor of Physical Education. 1964, 1973.

DUANE McCAMPBELL, M.A. (University of Southern California)
Assistant Professor of English. 1969, 1972.

JAMES E. MACKEY, Ph.D. (University of Mississippi)
Associate Professor of Physics. 1968, 1973.

WILTON Y. MARTIN, M.A.T. (Harding College)
Assistant Professor of Physical Education. 1972, 1973.

ELIZABETH B. MASON, M.A. (George Peabody College)
Professor of Art and Chairman of the Department. 1946, 1950.

ERLE T. MOORE, Ed.D. (Columbia University)
Professor of Music and Chairman of the Department. 1949.

LEWIS L. MOORE, M.A.T. (Harding College)
Assistant Professor of Psychology and Sociology. 1970, 1973.

MONA MOORE, B.A. (Central State University--Oklahoma)
Instructor in Music. 1957.

**On leave of absence 1973-74.

JERRY D. MOTE, M.A.T. (Harding College)
Assistant Professor of Physical Education. 1967, 1970.

RAYMOND LEE MUNCY, Ph.D. (University of Mississippi)
Associate Professor of History and Chairman of the Department of History and Social Science. 1964, 1971.

BILL W. OLDHAM, Ed. D. (University of Northern Colorado)
Associate Professor of Mathematics. 1961, 1972.

HARRY D. OLREE, Ed.D. (George Peabody College)
Professor of Physical Education, Chairman of the Department of Health, Physical Education, and Recreation, and Director of Research. 1957, 1966.

**DENNIS M. ORGAN, M.A. (University of Missouri)
Assistant Professor of Journalism. 1967, 1972.

L. V. PFEIFER, M.Div., M.Th. (Golden Gate Baptist Theological Seminary)
Assistant Professor of Bible. 1973.

PAUL PITT, M.A. (Tulsa University)
Instructor in Art. 1971.

CHARLES PITTMAN, M.A. (Memphis State University)
Assistant Professor of English. 1962.

WALTER L. PORTER, Ph.D. (George Peabody College)
Associate Professor of Psychology. 1971, 1973.

DEAN B. PRIEST, Ph.D. (University of Mississippi)
Associate Professor of Mathematics and Chairman of the Department. 1962, 1969.

C. JOHN PROCK, M.T. (Southwestern State College--Oklahoma)
Associate Professor of Physical Education. 1960, 1971.

JOSEPH E. PRYOR, Ph.D. (Louisiana State University)
Vice President for Academic Affairs, Dean of the College, and Professor of Physical Science. 1944, 1973.

NEALE T. PRYOR, Th.D. (New Orleans Baptist Theological Seminary)
Associate Professor of Bible. 1962, 1970.

ANDY T. RITCHIE, M.A. (Scarritt College)
Assistant Professor of Bible. 1946, 1972.

WARD BRYCE ROBERSON, Ph.D. (Utah State University)
Associate Professor of Biological Science. 1964, 1972.

DALLAS ROBERTS, M.A. (University of Arkansas)
Associate Professor of Political Science. 1957, 1972.

DON D. ROBINSON, A.M. (Colorado State University)
Associate Professor of Art. 1962, 1972.

NYAL D. ROYSE, Ed.D. (Memphis State University)
Professor of Education and Director of Graduate Studies. 1966, 1973.

WILLIAM F. RUSHTON, M.A. (University of Arkansas)
Assistant Professor of Biological Science. 1960.

**On leave of absence 1973-74.

JOHN H. RYAN, Ph.D. (University of Missouri)
Associate Professor of Speech. 1961, 1969.

ED SANDERS, M.A. (Harding Graduate School of Religion)
Assistant Professor of Bible. 1973.

JACK WOOD SEARS, Ph.D. (University of Texas)
Professor of Biological Science and Chairman of the Department. 1945.

JOE T. SEGRAVES, Ph.D. (University of Kentucky)
Associate Professor of History. 1963, 1972.

ANN R. SEWELL, M.M. (Hardin-Simmons University)
Assistant Professor of Music. 1961, 1964.

EDWARD G. SEWELL, Ph.D. (University of Texas)
Professor of Education, Chairman of the Department, and Director of Teacher Education. 1947, 1965.

DON SHACKELFORD, B.D. (New Orleans Baptist Theological Seminary)
Assistant Professor of Bible. 1972.

CLIFFORD E. SHARP, M.S.T. (Antioch College)
Assistant Professor of Physical Science. 1969, 1972.

ARTHUR L. SHEARIN, B.A. (Harding College)
Associate Instructor in Music. 1972.

CARROLL W. SMITH, Ph.D. (University of Oklahoma)
Associate Professor of Chemistry and Research Associate. 1968, 1973.

STEPHEN W. SMITH, Ph.D. (Florida State University)
Assistant Professor of Mathematics. 1971.

**THOMAS R. STATOM, M.A.T. (Harding College)
Assistant Professor of History. 1967, 1972.

VAN TATE, M.A. (Fuller Theological Seminary)
Visiting Professor of Missions. 1973.

ELAINE C. THOMPSON, M.A. (Texas Woman's University)
Assistant Professor of Home Economics. 1954.

EVA THOMPSON, Ph.D. (Texas Woman's University)
Associate Professor of Home Economics. 1970.

ERMAL H. TUCKER, M.S. (Kansas State Teachers College)
Associate Professor of Business Education. 1957, 1971.

LOTT R. TUCKER, JR., B.A. (Harding College)
Vice President for Finance and Business Manager. 1951, 1970.

BETTY THORNTON ULREY, B.A. (Harding College)
Instructor in English. 1967.

EVAN ULREY, Ph.D. (Louisiana State University)
Professor of Speech and Chairman of the Department. 1950.

LAWRENCE EUGENE UNDERWOOD, M.Ed. (Auburn University)
Assistant Professor of English. 1970, 1972.

BILLY D. VERKLER, Ph.D. (Mississippi State University)
Professor of Sociology. 1957, 1972.

**On leave of absence 1973-74

CHARLES R. WALKER, M.S. (University of Illinois)
Assistant Professor of Business. 1965, 1973.

RICHARD W. WALKER, Ph.D. (Louisiana State University)
Professor of Speech. 1953, 1968.

WILLIAM T. WALLACE, M.A. (George Peabody College)
Assistant Registrar. 1964, 1969.

BETTY WORK WATSON, M.A. (Michigan State University)
Assistant Professor of Elementary Education. 1968, 1970.

ROBERT E. WEST, M.A. (Abilene Christian College)
Instructor in Speech. 1970.

EDWARD WHITE, M.A. (Marshall University)
Assistant Professor of English. 1969.

WILLIAM D. WILLIAMS, Ph.D. (University of Kentucky)
Professor of Chemistry and Chairman of the Department of Physical Science. 1954, 1963.

EDMOND W. WILSON, JR., Ph.D. (University of Alabama)
Assistant Professor of Chemistry. 1970.

ELIZABETH K. WILSON, M.A. (University of Alabama)
Instructor in Home Economics. 1971.

MURREY W. WILSON, M.A. (University of Arkansas)
Assistant Professor of Education and Director of Student Teaching. 1957.

JOAN L. WOOD, M.S. (Kansas State Teachers College)
Dean of Women. 1973.

GEORGE W. WOODRUFF, Ed.D. (Oklahoma State University)
Associate Professor of Biology. 1966, 1972.

DOROTHY S. WRIGHT, Dr. de L'Universite (University of Toulouse)
Assistant Professor of French. 1968.

V. PONDER WRIGHT, M.S. (East Texas State University)
Assistant Professor of History. 1973.

WINFRED O. WRIGHT, Dr. de l'Universite (University of Toulouse)
Associate Professor of French and Chairman of the Department of Modern Foreign Languages. 1966, 1971.

Emeriti

GEORGE STUART BENSON, M.A., LL.D.
President Emeritus and Emeritus Professor of Bible.

LLOYD CLINE SEARS, Ph.D.
Dean Emeritus and Emeritus Professor of English.

Graduate School of Religion

Memphis, Tennessee 38117

ANNIE MAY ALSTON, M.A. (University of Chicago)
Librarian. 1944, 1956.

WILLIAM FLATT, Ed.D. (Memphis State University)
Registrar and Associate Professor of Counseling. 1965, 1973.

HAROLD HAZELIP, Ph.D. (University of Iowa)
Dean of the Graduate School of Religion and Associate Professor of Christian Doctrine. 1967, 1972.

JACK P. LEWIS, Ph.D., Ph.D. (Harvard University, Hebrew Union College)
Professor of Bible. 1954.

MAC LYNN, S.T.D. (San Francisco Theological Seminary)
Assistant Professor of Ministry. 1973.

DON L. MEREDITH, M.S.L.S. (University of North Carolina)
Associate Librarian. 1968, 1973.

CARROLL DUANE OSBURN, D.Div. (Vanderbilt University)
Assistant Professor of Bible. 1973.

JOHN A. SCOTT, Ph.D. (University of Pennsylvania)
Associate Professor of Counseling. 1959, 1966.

PHILIP SLATE, M.A. (Harding Graduate School of Religion)
Assistant Professor of Preaching and Missions. 1971.

THOMAS B. WARREN, Ph.D. (Vanderbilt University)
Professor of Bible. 1971.

EARL WEST, Ph.D. (Indiana University)
Professor of Church History. 1955, 1968.

VELMA R. WEST, M.A. (Pepperdine University)
Assistant Professor Emeritus of Greek. 1952, 1973.

W.B. WEST, JR. (University of Southern California)
Professor of New Testament. 1951, 1972.

Academy and Elementary School

CLAUDETTE ALEXANDER, M.A.T. (Harding College)
Sixth Grade, Elementary School. 1971.

BETTY A. ALSTON, M.A. (Memphis State University)
Second Grade, Elementary School. 1969.

BILLY RAY BARDEN, M.A.T. (Harding College)
Instructor in Science and Coach. 1967.

J. E. BERRYHILL, M.A. (George Peabody College)
Registrar and Instructor in Bible and Social Science. 1952, 1967.

HAZEL BLUE, B.A. (Harding College)
First Grade, Elementary School. 1967.

JAMES R. BROWN, M.S. (University of Arkansas)
Instructor in Mathematics. 1970.

RUTH BROWNING, M.A.T. (Harding College)
Instructor in English and Social Science. 1959.

GLENAVE CURTIS, B.S. (Harding College)
Instructor in Home Economics. 1971.

BILL DILES, M.A.T. (Harding College)
Principal and Instructor in Bible and Business. 1963, 1967.

DAVID T. ELLIOTT, B.A. (Harding College)
Instructor in Bible and Physical Education and Coach. 1969.

LENY M. ELLIOTT, B.A. (Harding College)
Instructor in Physical Education. 1973.

ANTHONY FELKER, B.A. (Harding College)
Instructor in Social Studies and Physical Education. 1973.

DALE G. GOULD, M.A.T. (Harding College)
Instructor in Science. 1970.

MILDRED GROOVER, B.A. (Harding College)
Instructor in Business. 1962, 1967.

MARYBELLE HELSTEN, B.A. (Harding College)
Fifth Grade, Elementary School. 1958.

FLORENCE F. HENRY, M.A. (George Peabody College)
Music, Elementary School. 1957.

AUBREY EDWARD HIGGINBOTHAM, JR., M.S.E. (State College of Arkansas)
Guidance Counselor. 1960, 1969.

CINDY LOU HOLMES, B.A. (Harding College)
Instructor in French and English. 1973.

LOIS L. LAWSON, M.A.T. (Harding College)
Third Grade, Elementary School. 1955.

ELSIE K. LYNN, M.S.E. (State College of Arkansas)
Instructor in English. 1966.

GARY MARTIN, B.A. (Harding College)
Instructor in Speech. 1971.

PERRY S. MASON, M.A., LL.D. (George Peabody College, Magic Valley Christian College)
Superintendent, 1946.

ANN B. NORWOOD, B.A. (Harding College)
Instructor in Physical Education and Librarian. 1973.

HAROLD NORWOOD, M.A. (University of Arkansas)
Instructor in Mathematics and Coach. 1973.

KATHRYN C. RITCHIE, B.A. (Harding College)
Instructor in Mathematics. 1950.

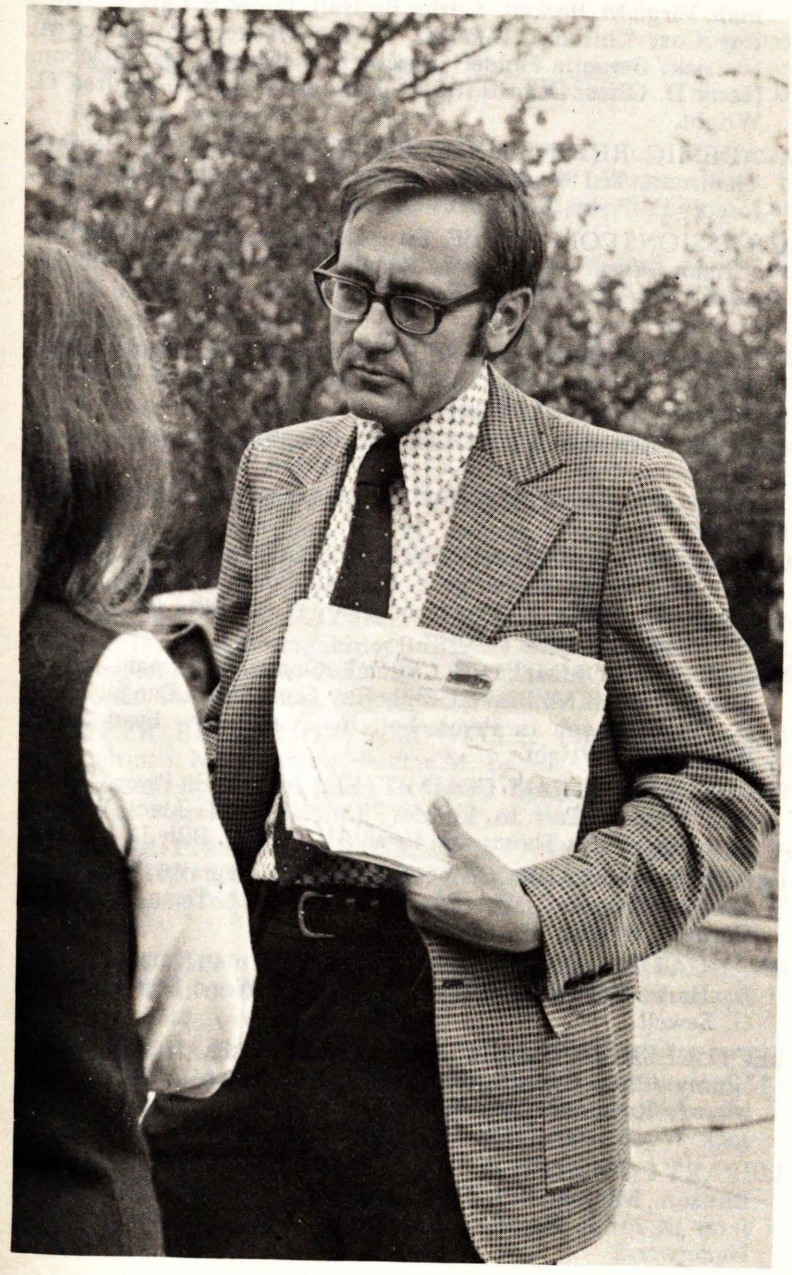
MATTIE SUE SEARS, M.A.T. (Harding College)
Fourth Grade, Elementary School. 1962.

KATHRYN WATTS, B.S. (Columbia University)
Instructor in Piano. 1964.

WILLIAM H. WATTS, B.A. (Harding College)
Instructor in Art and Coach. 1972.

IRMA WELCH, M.A.T. (Harding College)
Librarian. 1963.

RAY A. WRIGHT, M.M.E. (North Texas State University)
Instructor in Bible, English, and Music and Director of Chorus. 1968.



Harding University
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1973-74

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Architecture — MAURICE L. LAWSON, M.S.
Dentistry — JACK WOOD SEARS, Ph.D.
Engineering — MAURICE L. LAWSON, M.S.
Law — RAYMOND LEE MUNCY, Ph.D.
Medicine — JAMES DONALD ENGLAND, Ph.D.
Medical Technology — CARROLL W. SMITH, Ph.D.

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Optometry — DEAN B. PRIEST, Ph.D.
Pharmacy — WILLIAM D. WILLIAMS, Ph.D.
Physical Therapy — MAURICE L. LAWSON, M.S.
Social Work — WILLIAM L. CULP, M.A.
Veterinary Medicine — GEORGE W. WOODRUFF, Ed.D.

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JOAN L. WOOD, M.S., *Dean of Women*
JONEAL SHACKELFORD, B.A., *Director of Women's Residence Halls Activities*
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ELGIA PATTERSON, *Secretary*
BERNADINE EGLY, M.S.S.W., *Counselor*
ALLAN L. ISOM, Ed.D., *Counselor*
LEWIS L. MOORE, M.A.T., *Counselor*

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THELMA BUCHANAN, *Director, Kendall Hall*
RUTH GOODWIN, *Director, Pattie Cobb Hall*
RUBY JAMES, B.S., *Director, Stephens Hall*
MARY OLGA MARTIN, *Director, Heritage Hall*
EDDIE R. CAMPBELL, M.A.T., *Director, Harbin Hall*
WILTON Y. MARTIN, M.A.T., *Director, Keller Hall*
DON SHACKELFORD, B.D., *Director, Armstrong Hall*

HARRY D. OLREE, Ed.D., *Director of Health*
MATTIE JEAN COX, L.V.N., L.P.N., *College Nurse*
LAURA MORGAN, *Receptionist*

HUGH M. GROOVER, M.Ed., *Athletic Director*
KATY HOPKINS, *Secretary*

Admissions

FRED J. ALEXANDER, M.Ed., *Director of Admissions and Director of Junior College Relations*
CAROL DAVIS, PAULA LANGFORD, DAWN LOWE, SUSAN L. WALKER, and ROSEMARY WILSON, *Secretaries*
DURWARD McGAHA, M.S.E., *Assistant Director of Admissions*
ROBERT RAY WATSON, M.A., *Admissions Counselor*
DEAN BAWCOM, B.S., *Admissions Counselor*
BRETT H. FOXX, B.A., *Admissions Counselor*

Business

LOTT R. TUCKER, B.A., *Vice President for Finance*
LATINA DYKES, B.S., *Secretary*

PATRICIA YOUNG, B.A., *Cashier*
RUTH BURT, *Accounts Payable*
JEAN CURRY, *Accounts Receivable*
SUE McGAHA, *Accounts Receivable*
PAT McGHEE, *Receptionist*
LYNETTE MANGUM, *Accounts Receivable*
SHARON MITCHELL, *Accounts Receivable*
BETTY SMITH, *Accounts Receivable*

BYRON A. ROWAN, B.S., *Comptroller*
TRAVIS BLUE, B.S., *Accountant*
SUE CAROL BUCY, *Bookkeeper*
HELEN KEARBEY, *Bookkeeper*
MARY ELIZABETH POLK, *Bookkeeper*
FLORA B. SWARTZ, B.A., *Bookkeeper*
FAITH WALLACE, B.S., *Payroll Accountant*

RUSSELL SHOWALTER, M.A., *Director, Student Financial Aid*
MARY DELLE COOPER, B.S., DEBORAH CRAWFORD, and JANE MUSICK, *Secretaries*

MARIAN NUNNALLY, *Bookkeeper, Memphis Branch*

Buildings and Grounds

W. T. PEARSON, *Construction Superintendent*
JOHNNIE BALLARD, *Maintenance Foreman*
DON EADS, *Construction Foreman*

HERMAN SPURLOCK, B.A., *Chief Engineer*
HERMAN L. BROWN, *Electrician*
W. C. EVATT, JR., *Electrician Foreman*
ALBERT EZELL, *Boiler Operator*
CLYDE JOYNER, *Boiler Operator*
EARL LOMAX, *Plumber*
ELBERT TURMAN, *Boiler Room Operator*
BOYD WILSON, *Boiler Operator*

LYLE POINDEXTER, *Shop Foreman*

BERNIE L. VINES, *Student Work Supervisor*
W. G. HOLLEMAN, *Janitorial Supervisor*
LARRY A. DAUGHETY, *Campus Work Supervisor*
HUBERT PULLEY, *Campus Work*

MERLE ELLIOTT, *Shipping and Receiving Clerk*

BILL BARNES, *Chief Security Officer*

GEORGIA H. DUBOIS and LESLIE KENNINGTON, *PBX Operators*

Auxiliary Enterprises

JOHN LEE DYKES, M.S., *Manager, Student Center and Book Store*
GERTRUDE DYKES, *Assistant Manager, Searcy Book Store*
WILLIAM BRIDGES, B.S., *Assistant Manager, Searcy Book Store*
OSCAR MOORE, *Manager, Memphis Book Store*
ROBERT STREET, *Manager, College Farms and Dairy*
CORINNE HART, *Manager, Pattie Cobb Cafeteria*
WILLIAM CURRY, *Manager, Heritage Center Cafeteria*
GUY PETWAY, *Manager, American Heritage Center*
GREG RHODES, *Transportation Officer*
HERMAN WEST, *Manager, College Press*
DONALD T. SMITH, *College Pilot*
HAZEL LOMAX, *Manager, College Inn*
CLARENCE McDANIEL, *Manager, College Laundry and Cleaners*
TOMMIE BROWN, *Manager, Post Office*
ED HIGGINBOTHAM, M.S.E., *Manager, Camp Tahkodah*
ED BURT, *Manager, College Bowl*

Endowments and scholarships

and other forms of financial aid have been established by friends of the college in order to assure the permanence of the vital service which Harding is giving. Endowments are permanently invested, and income is used for the general operational expenses of the college. It is hoped that other friends will continue to add to these assets which broaden the services which Harding can give and provide that this service will continue through the years to come.

The following are endowments:

THE HARRY R. KENDALL FUND: Mr. Harry R. Kendall left a bequest in the form of stock which has a value of approximately $7,400,000. This bequest was made in 1958. The income from this stock is used for the regular operating expenses of Harding College. None of the stock can be sold for a minimum of twenty years. The income constitutes an important endowment.

FORD FOUNDATION ENDOWMENT: Among the many colleges over the nation included in the extremely liberal gift of the Ford Foundation in 1956, Harding College received endowment assets of approximately $200,000.

AMERICAN FOUNDERS ENDOWMENT FUND: Because of their interest in Christian education, the men who founded the American Founders Insurance Co. presented to Harding College for an endowment fund 910 shares of stock having a value of $45,500 at the time it was given in 1962.

THE GRACE WELLS SCHOLARSHIP FOUNDATION: Miss Grace G. Wells, now of Berkeley, Calif., a former student at Galloway College, has created a foundation for the purpose of helping worthy women to attend Harding College. The endowment at present is $63,000. Miss Wells will choose the women to receive scholarships of $600 from those recommended by the President and the Dean of Students of Harding College. Application should be made early each year through the Dean of Students.

The following are scholarships, loan funds, awards, and other student aids:

THE AMERICAN FOUNDERS SCHOLARSHIP FUND of $100 is available to a worthy student on the basis of scholarship and need. An unrestricted grant of similar size goes into the general fund of the college. This has been established by the American Founders Insurance Company of Austin, Tex.

T. H. BARTON SCHOLARSHIP FUND, amounting to approximately $4,600, was established by Colonel T. H. Barton of El Dorado, Ark.

DR. GEORGE S. BENSON STUDENT LOAN FUND of $1,050 was established by the faculty of Harding College in honor of Dr. Benson's election as Arkansan of 1953. It provides for short term loans to undergraduate students.

WYNNE SCHOLARSHIP FUND: The funds received each year shall be used to provide scholarship aid to young people who are residents of the Wynne area attending Harding College. For the purposes of this scholarship fund, the Wynne area is defined as any location within a 25-mile radius of Wynne, Arkansas. The scholarships provided shall be limited to one-half the cost of tuition, fees, room and board per student per semester. Monies collected in each year in excess of scholarship awarded shall be retained for use in subsequent years.

Z. BENSKY SCHOLARSHIP FUND of $2,500 was provided through the generosity of Mr. Z. Bensky of Little Rock, Arkansas. The income from this fund is to provide scholarship aid for a student in dramatics.

BOOTH BROTHERS MEMORIAL SCHOLARSHIP, established by the Booth family of Searcy as a memorial scholarship of $3,000, allows the income to be awarded annually to a Searcy student.

G. C. BREWER MEMORIAL SCHOLARSHIP was established by friends and relatives of the late minister to aid worthy students.

W. J. CARR SCHOLARSHIP was founded by a gift of $2,500 from W. J. Carr of Junction City, Arkansas.

CAVALIER CLUB LOAN FUND, established by the Cavalier social club on the Harding campus, amounts to approximately $87 at the present time.

ELIZABETH J. COUCHMAN MEMORIAL FUND of $940, made possible through the generosity of Mrs. Elizabeth J. Couchman of Winchester, Kentucky, permits the income to be applied on a student scholarship annually.

GEORGE M. ROBERTS MEMORIAL SCHOLARSHIP FUND provides financial assistance to a senior boy or girl who has financial need and who is a good student and a good citizen of Harding.

JAMES T. CONE MEMORIAL SCHOLARSHIP FUND has been established by the family and friends of James T. Cone who was Vice Chairman of the Board of Trustees at the time of his death in 1968.

EARHART LOAN FUND of $7,500 is used for loans to students.

MR. AND MRS. JIM G. FERGUSON STUDENT LOAN FUND of $4,500 is available to worthy students who have done satisfactory work in Harding College for at least one semester and whose scholarship record is entirely satisfactory. The maximum loan is $150 per semester. The amount loaned to any one student shall not exceed $400.

GALAXY CLUB LOAN FUND, amounting to $120 at the present time, was established by the Galaxy social club.

C. L. GANUS LOAN FUND, established by the late C. L. Ganus, Sr., of New Orleans, Louisiana, has made available $2,000 annually as a loan fund for deserving students who could not otherwise attend college. As these loans are repaid other students make use of the fund.

MONTGOMERY-SUMMITT MEMORIAL FUND was established by members of the Education Department and other friends of Dr. Clyde R. Montgomery and Dr. W. K. Summitt, prominent educators of the College, following their decease in 1965.

W. K. SUMMITT MEMORIAL FUND was established by friends of Dr. W. K. Summitt who had given thirty years of service to Harding College at the time of his death on October 2, 1965, from being struck by a hit-and-run driver in New Orleans.

LANNY G. WILDMAN MEMORIAL FUND was established by the Sherman R. Wildman family of Moro, Illinois, in memory of their son, Lanny, who was killed June 12, 1966, in an automobile collision. The scholarship fund provides assistance to a Bible major.

DR. L. K. HARDING MEMORIAL SCHOLARSHIP, created by a gift of $5,000 from Mrs. L. K. Harding of Henning, Tennessee, is in memory of her husband, Dr. L. K. Harding, the eldest son of James A. Harding for whom the college is named.

HARDING COLLEGE LOAN FUND NUMBER 10, is provided anonymously by a friend of the college to help worthy students.

MR. AND MRS. LEMAN JOHNSON STUDENT LOAN FUND, a sum of $100 given by Mr. and Mrs. Leman Johnson of Wenatchee, Washington, is used to assist Bible majors.

KATE McCULLUM MORRIS MEMORIAL LOAN FUND was established by friends and relatives of Mrs. Morris to assist worthy students.

CARL AND CECIL SHORES MEMORIAL STUDENT LOAN FUND was established by the family and friends of Carl and Cecil Shores. Mr. and Mrs. Shores were residents of Cave Springs, Arkansas. Mr. Shores was a member of the President's Development Council and both were very much interested in the work at Harding College. The Loan Fund was established to help needy students obtain a Christian education.

THE CHARLES KENNETH HAMMON MEMORIAL SCHOLARSHIP FUND was established through the generosity of Mrs. Charles Kenneth Hammon of Gainesville, Florida, in memory of her husband. From this fund, four scholarships of $450 each are to be awarded to outstanding students from the areas of political science, business, journalism, and American studies. The recipients are to be chosen based on their scholastic attainments, positive attitudes, and potential for good works, and are to receive a personal interview before being named recipients.

THE RALEIGH MARTIN MEMORIAL SCHOLARSHIP of $2,000 annually is made possible through the generosity of Dr. and Mrs. Maurice Hood of Austin, Texas. The scholarships are to be granted on the basis of need and scholarship with preference given to those students who plan to enter the mission field after graduation. Each recipient is also requested, although not required, to return without interest the scholarship money which they received within a six-year period after their graduation so that others might benefit.

JESSE H. JONES AND MARY GIBBS JONES SCHOLARSHIPS, established through the generosity of Jesse H. Jones and Mary Gibbs Jones of Houston, Texas, provide a fund of $2,000 annually to finance scholarships for young men and women of outstanding ability in the American Studies Program. Individual scholarships vary from $230 to $500 annually.

H. R. KENDALL LOAN FUND was provided by H. R. Kendall of Chicago, Illinois, to assist students majoring in Bible and religion.

G. R. KENDALL STUDENT LOAN FUND was established in honor the late G. R. Kendall of Chicago, Illinois.

MRS. PAULINE LAW SCHOLARSHIP FUND of $2,650, established by the will of Mrs. Pauline Law of Granite, Oklahoma, permits the interest from the fund to be used in scholarships for ministerial students selected by the college.

W. P. AND BULAH LUSE OPPORTUNITY TRUST NUMBER 1 was established by Mr. and Mrs. W. P. Luse of Dallas, Tex. Funds provided by this trust are loaned to pre-engineering students only.

THE DELLA NICHOLAS LOAN FUND, amounting to $5,032.87, is available for ministerial students at the undergraduate level. This was made available by tne will of the late Della Nicholas of Huntginton, West Virginia.

OPTOMETRY SCHOLARSHIP of $100 is given each year by Drs. M. M. Garrison and Howard F. Flippin of Searcy to an outstanding sophomore preparing for optometry. The recipient of the scholarship will be chosen by the donors on the basis of scholarship reports and recommendations from the institution.

ORPHAN SCHOLARSHIP FUND of $9,000, raised by friends of Harding College, was established to assist students from certain orphan homes.

MRS. MILDRED J. FERRELL LOAN FUND was established by the family and friends of Mrs. Ferrell to provide assistance to worthy students.

SAM W. PEEBLES MEMORIAL SCHOLARSHIP FUND, now $2,200, was started by friends of Lt. Sam W. Peebles, Jr., a graduate of 1938, who was killed in service on November 22, 1944.

Harding University
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GARY GREEN MEMORIAL SCHOLARSHIP FUND, established by Mr. and Mrs. E. E. Green of Muscle Shoals, Ala., in memory of their son who was killed in an automobile accident, Jan. 25, 1970, assists young men, preference given to those planning to preach, recipients selected by the President, Vice President, and Chairman of the Bible Department.

NEAL PEEBLES SCHOLARSHIP FUND, a fund of $10,000 established by the will of Neal Peebles of Searcy, permits the interest of the fund to be used for scholarships for deserving students selected by the College.

READERS DIGEST FOUNDATION SCHOLARSHIP FUND is an endowment fund whose interest provides scholarship aid to a deserving student.

HAROLD D. PORTER STUDENT LOAN FUND provides aid to a worthy student reared in a Christian orphan home.

J.M. PRYOR MINISTERIAL STUDENT FUND of $150 was created by J. M. Pryor of Emerson to aid ministerial students.

THE DUANE E. PRIEST MEMORIAL FUND has been contributed by friends in memory of Duane E. Priest to be used as a scholarship for pre-medical students.

MR. AND MRS. JESSE P. SEWELL LOAN FUND, now $1,150, is available to ministerial students who have attended at least one semester in Harding College, whose work and character are satisfactory; recipients to be chosen by the Chairman of the Bible Department, the Dean, and the Vice President for Finance of the College.

SAMUEL ANDREW ARRINGTON LOAN FUND was established by Gervis J. Arrington of Stephens in memory of his grandfather.

GOSPEL BROADCAST SCHOLARSHIP provide by the Gospel Teachers Publications of Dallas, Texas, is a full-tuition scholarship for a deserving student in the field of religious education.

STERLING STORES, INC., STUDENT LOAN FUND of $500 is available to deserving students who have attended at least one semester at Harding College, who are doing satisfactory work, and who are of good character.

MRS. CECILE B. LEWIS MEMORIAL FUND is a revolving loan fund of $2,500 to provide short-term loans to deserving students.

THE WILLA MAE RICHTER MEMORIAL SCHOLARSHIP FUND of $1,000 was established by W. Thomas Barr to provide financial assistance to worthy students.

ILA TULLOSS MEMORIAL LOAN FUND was established by the many friends of Mrs. Tulloss who enjoyed working with the college students.

HOWARD NOLAN LEMMONS MEMORIAL LOAN FUND was established in 1969 in memory of Howard Lemmons.

IRA B. HENTHORN STUDENT LOAN FUND was established by a gift of stock to the college to help worthy students.

VAN STEWART MEMORIAL LOAN FUND was established by students from Harding College who worked with Van during the summer of 1973. Van was loved and appreciated for many reasons, especially for the time he dedicated to the building of character in young men.

THE GANUS AWARDS of $100 each are given to the boy and the girl making the highest scholastic averages at Harding College during the academic year. These awards are given through the generosity of the late Mr. C. L. Ganus, Sr., of New Orleans, Louisiana.

STUDENT LOAN FUND, amounting to $900, is provided to help worthy students of Harding College.

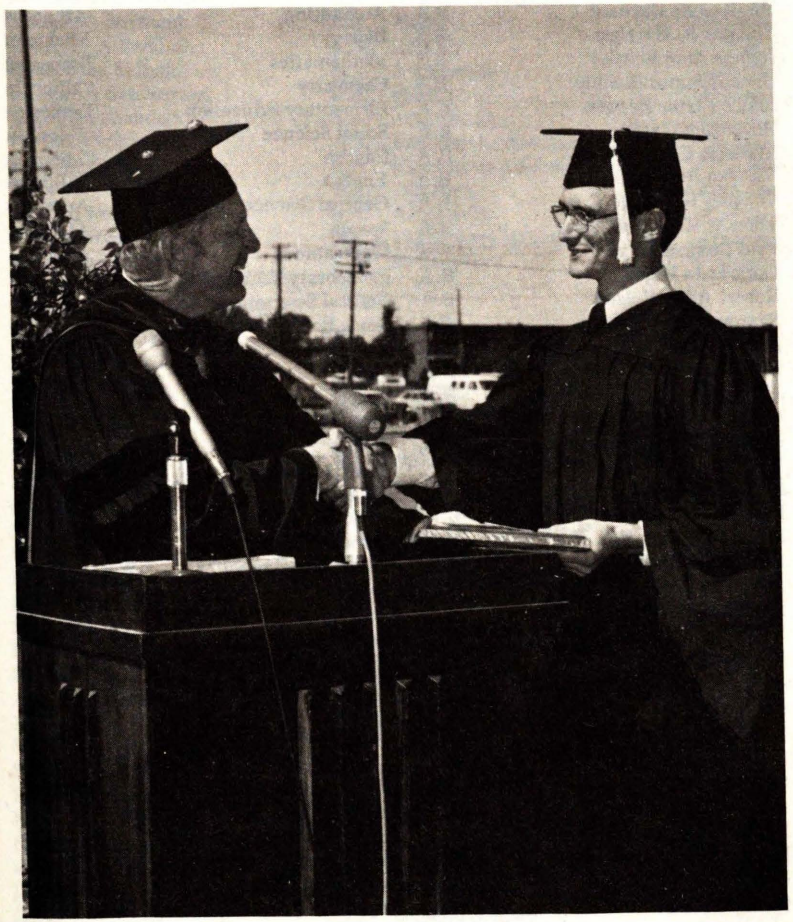
RALPH STIRMAN SCHOLARSHIP was established by friends and relatives of Ralph Stirman, a member of the class of '42.

CHUCK DEAN MEMORIAL LOAN FUND was established by the family of Mr. Dean to provide financial assistance to worthy students.

THE UTLEY AWARD, established by Mr. Morton Utiey of Indianapolis, Indiana, is an annual award of half tuition for one semester at Harding College to the freshman, sophomore, or junior man and woman showing the greatest development during the academic year. A faculty committee will determine the recipient.

THE WALL STREET JOURNAL medal and a one-year subscription to the publication each spring are awarded to the business administration major who has the best scholarship record and has been using the Wall Street Journal. This award is made through the Department of Business Administration.

ESTABLISHING ADDITIONAL SCHOLARSHIP FUNDS: Studies have shown that for every student in college there is another student with equal ability who finds it financially impossible to obtain a college education. To invest in these students is a worth-while work. Harding College invites others to establish similar scholarships through gifts and legacies.



Harding University
Office of the Provost

Honors and Degrees

May 13, 1973

SUMMA CUM LAUDE

Calvin Roy Crim	B.S. & B.A.	Mathematics & Bible	Missouri
Steven William Eckman	B.A.	Bible	Nebraska
Douglas C. Heimburger	B.S.	General Science	Mathematics
Virginia L. Johnson	B.A.	French	California
J. Carisse Mickey	B.A.	Biology & English	Texas
John Warren Nunnally	B.S.	Mathematics	Tennessee
McKay Shields	B.S.	Home Economics	Mississippi
James R. Stough	B.A.	Bible	Arkansas
Swaid Nofal Swaid	B.S.	Biology	Israel
Radford Douglas Tanksley	B.S.	General Science	Mississippi

MAGNA CUM LAUDE

Holly J. Allen	B.A.	Elementary Education	Arkansas
Virgil Gene Barnard	B.A.	Accounting	Arkansas
Thomas K. Barriger	B.S.	Biology	Michigan
Robert Alan Beasley	B.S.	Mathematics	Tennessee
Ronald James Blachly	B.S.	Chemistry	California
Janice Elaine Brewer	B.A.	Elementary Education	Tennessee
Roger Tod Castle	B.A.	Social Science	Colorado
Marietta C. Clark	B.A.	English	California
Carolyn Jean Dell	B.A.	English	Illinois
Gregory R. Elliott	B.A.	General Science	Arkansas
Thomas Raymond Estes	B.A.	Speech	Alabama
Paul Denton Farrar	B.S.	Mathematics	Arkansas
Doris Beth Healy	B.A.	Elementary Education	Kansas
Robert Allen Helsten	B.A.	General Science	Arkansas
Sharon Kay Holderby	B.S.	Home Economics	Virginia
Jack R. Holt	B.S.	Biology	Oklahoma
Joe Dale Jones	B.A.	Bible	Arkansas
Elissa Lane	B.A.	History	Arkansas
Gail Joyce Lumpkin	B.A.	Social Work	Missouri
Janice Kay McJunkins	B.A.	English	Arkansas
Robert M. Mahaffey	B.S.	General Science	Arkansas
Joe David Marrs	B.A.	Accounting	Arkansas
Beverly Ann Martin	B.A.	Music Education	Arkansas
James P. Parker IV	B.A.	Elementary Education	Texas
Barbara Bever Powers	B.A.	Elementary Education	West Virginia
Patty S. Schiro	B.A.	English	Colorado
Donna Jean Stanfill	B.A.	English	Tennessee
Susan Fay Vance	B.A.	English	Arkansas
Rosemary B. Wilson	B.A.	Business Education	Arkansas

CUM LAUDE

Robert Q. Argo	B.A.	General Science	Tennessee
Karen H. Athanasiou	B.S.M.T.	Medical Technology	Arkansas
Genevieve Bailey	B.S.	Home Economics	Arkansas
Anne Allyson Baker	B.A.	Accounting	Arkansas
Rebecca Susan Banks	B.A.	Business Education	California
Nona Irene Beason	B.A.	Social Work	California
Paul Norman Bennett	B.A.	Accounting	Arkansas
Charlotte Wrenn Blair	B.A.	English	Texas
Nancy M. Breedlove	B.A.	Elementary Education	Alaska
Mary Delois Broom	B.A.	Physical Education	Oklahoma
Timothy Lee Bruner	B.A.	Journalism	Arkansas
Mary Kathleen Burton	B.A.	French	Georgia
Linda Carol Cash	B.S.	Home Economics	Arkansas
Ronald D. Coleman	B.A.	Accounting	Arkansas
Billie Lynn Evans	B.S.	General Science	Pennsylvania
Linda Mae Franklin	B.S.	Home Economics	Alabama
Sandra Kay Gifford	B.A.	Elementary Education	California
Shirley Ann Graves	B.S.M.T.	Medical Technology	Texas
Wayne Bowlin Hall	B.A.	Accounting	Arkansas
Joan E. Harmon	B.A.	Elementary Education	Arkansas
Anna F. Huddleston	B.A.	Social Work	Tennessee
Debra Gay James	B.A.	Elementary Education	Arkansas
David L. Johnson	B.A.	Bible	Florida
Marceline L. Lasater	B.A.	English	Texas
Freida Kay McCartney	B.S.	Dietetics	Arkansas
David Layton McCown	B.A.	Accounting	Pennsylvania
Michael H. Murrie	B.A.	Speech	Illinois
Alice Faye Newberry	B.A.	Art	Missouri
M. Catherine Newberry	B.A.	Business Education	Florida
Donna M. Northcut	B.A.	Biology	Tennessee
Albert Lacy Randall	B.A.	English	Texas
James Max Reibolt	B.A.	Accounting	Arkansas
Constance Sue Roemer	B.A.	French	Arkansas
Kathy Ann Sanders	B.A.	Accounting	Arkansas
Emmett Neil Smith	B.S.	Business Administration	Arkansas
Doris A. Taylor	B.A.	Elementary Education	Ohio
Janis Vance Taylor	B.S.	Dietetics	Arkansas
Richard Neale Taylor, Jr.	B.A.	Accounting	Alabama
Ruth T. West	B.A.	Elementary Education	Arkansas
Mary Louise Wilson	B.A.	Social Work	Wisconsin

BACHELOR OF SCIENCE

Maureen Albaugh	B.S.	Dietetics	Virginia
Michael E. Barrington	B.S.	Biology	Indiana
Jesse Lee Beamon	B.S.	Biology	Texas
Brenda Lee Beck	B.S.	Home Economics	Tennessee
Daniel M. Blucker	B.S.	General Science	Arkansas
Robert Dee Bradley	B.S.	Business Administration	Oregon
Bradford O. Brooks	B.S.	Biology	Montana
Lloyd C. Champion	B.S.	Business Administration	Arkansas
Garvin W. Claiborne	B.S.	Business Administration	Tennessee
Michael S. Clem	B.S.	General Science	Arkansas
Mary Sue Collins	B.S.	Chemistry	Arkansas
Elizabeth Dale Cupp	B.S.	Dietetics	Texas
Sheryl Anne Davis	B.S.	Office Administration	Tennessee
Larry Joe Dykes	B.S.	Mathematics	Texas
Rick Donald Eldred	B.A.	Business Administration	Texas
Alan R. Freeman	B.S.	Business Administration	Arkansas
James M Grubb	B.S.	Business Administration	Alabama
Kathryn E. Hensley	B.S.	Home Economics	Arkansas
Jean Rae Holt	B.S.	Dietetics	California
Daniel Hugh Isenberg	B.S.	Business Administration	Kentucky
Michael L. James	B.S.	Mathematics	Arkansas
Ernest Roy Langford	B.S.	Management	Mississippi
Harry Huston Miller	B.S.	Business Administration	Alabama
James I. Miller	B.S.	General Science	Florida
Lester Ray Miller	B.S.	General Science	Arkansas

Harding University

Office of the Provost

Kathy Lynn Nelson	B.S.	Dietetics	Alabama
Arthur L. Oden	B.S.	Business Administration	Arkansas
Gregory Guy Pauley	B.S.	Management	Ohio
Edward Dale Powers	B.S.	Bible	West Virginia
Danny Dean Scales	B.S.	General Science	Indiana
Danny Neal Smelser	B.S.	General Science	Alabama
Michael Bruce Smith	B.S.	Chemistry	West Virginia
James A. Summitt	B.S.	General Science	Missouri
Kathryn A. Trickey	B.S.	Office Administration	Texas
Faith Naomi Wallace	B.S.	Office Administration	Florida
James Ray Williams	B.S.	Business Administration	Arkansas
Larry G. Wilson	B.S.	Business Administration	Arkansas
Francie Jo Zeps	B.S.	Home Economics	Indiana

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Alan Dale Evans	B.S.M.T.	Medical Technology	Oklahoma

BACHELOR OF ARTS

Rebecca E. Acker	B.A.	Physical Education	Texas
Jim Floyd Akins	B.A.	Political Science	California
Douglas L. Allee	B.A.	Bible	Arkansas
David Lee Allen	B.A.	Accounting	Arkansas
Jerry Lynn Anderson	B.A.	Biology	Virginia
Rebecca A. Bagnetto	B.A.	Music Education	Oklahoma
Marion E. Barton	B.A.	Speech	Alabama
Daniel S. Bateman	B.A.	Speech	Michigan
Lana C. Bawcom	B.A.	Home Economics	Arkansas
John P. Belasco, Jr.	B.A.	Bible	Michigan
Deborah Ann Betts	B.A.	Journalism	Michigan
Ernestine F. Bibee	B.A.	Social Work	Delaware
Deloris J. Birdwell	B.A.	Art	Michigan
Vicki Ann Blackwood	B.A.	Elementary Education	Alabama
Donavon G. Blake	B.A.	Art	Colorado
Lester O'Neal Bland	B.A.	Psychology	Arkansas
James Robert Bledsoe	B.A.	Psychology	Texas
Patricia Ann Bolton	B.A.	Elementary Education	Arkansas
Verna Dee Bost	B.A.	Art	Texas
Charles Steven Bowers	B.A.	Bible	Alabama
Rose Toll Boyd	B.A.	Home Economics	Alaska
Myra Jane Bradley	B.A.	Psychology	Arkansas
Robert D. Bradley	B.A.	Accounting	Oregon
Edward Earl Bray	B.A.	Biology.	Pennsylvania
Randal Ford Brewer	B.A.	Accounting	Tennessee
Ricky C. Brewer	B.A.	Physical Education	Tennessee
Carl Ricky Brown	B.A.	General Business	Georgia
Larry Steven Brown	B.A.	Biology	Pennsylvania
Katherine A. Bruner	B.A.	Elementary Education	Arkansas
Lester Thomas Busby	B.A.	Art	Indiana
Antonio R. Bustamante	B.A.	Biology	Puerto Rico
Houston T. Bynum	B.A.	Bible	Tennessee
John T. Carr	B.A.	Social Science	Arkansas
Mary Diana Carr	B.A.	Elementary Education	Michigan
Larry D. Christensen	B.A.	Accounting	Nebraska
Marilee E. Coker	B.A.	Elementary Education	Arkansas
Thomas E. Cook	B.A.	Bible	Tennessee
Daniel Lee Cooper	B.A.	Bible	Indiana
Margie Carol Cooper	B.A.	Elementary Education	Alabama
Paula Jeanine Cooper	B.A.	Home Economics	Missouri
Charles A. Corum	B.A.	Bible	Kansas

George F. Crowder	B.A.	Psychology	Arkansas
Colleen Powell Crown	B.A.	Elementary Education	Arkansas
Michael D. Crumbaugh	B.A.	English	Missouri
David C. Cunningham	B.A.	Speech	Arkansas
Phyllis L. Daugherty	B.A.	Secondary Education	Illinois
Glenn E. Davis	B.A.	Physical Education	Michigan
Carl Randy Denham	B.A.	Psychology	California
Martha Nell Denham	B.A.	Elementary Education	Arkansas
Deborah Dee Dickey	B.A.	Physical Education	Arkansas
Elizabeth A. Dixon	B.A.	Physical Education	Missouri
Nell I. Dockery	B.A.	Physical Education	Arkansas
Barbara S. Duncan	B.A.	Art	Arkansas
Rhonda K. Dunning	B.A.	Elementary Education	Missouri
David Paul Edmondson	B.A.	Bible	Arkansas
John Michael Edwards	B.A.	Physical Education	Indiana
George W. Egly	B.A.	Biology	Arkansas
Jennifer Lynn Elkins	B.A.	Elementary Education	Georgia
David Lee Embry	B.A.	Accounting	Indiana
Linda Sue Epperson	B.A.	Social Work	Illinois
Renita Gail Evans	B.A.	English	California
Jack E. Farber	B.A.	Bible	Arkansas
Anthony M. Felker	B.A.	Physical Education	Tennessee
Richard T. Fowler	B.A.	Accounting	Missouri
Brett Heywood Foxx	B.A.	Music Education	Pennsylvania
Virginia B. Francisco	B.A.	Political Science	Michigan
Paul Samuel Fredin	B.A.	General Business	Michigan
Mark Whitney Frost	B.A.	Psychology	Arkansas
Mona Lee Garner	B.A.	Piano	Arkansas
Nancy Jo Graddy	B.A.	English	Arkansas
Arthur Michael Gray	B.A.	Physical Education	Arkansas
Linda Ann Gray	B.A.	Elementary Education	Arkansas
Teresa Greene	B.A.	Social Work	Pennsylvania
Marsha Ann Griffith	B.A.	Physical Education	Georgia
Charles R. Guild	B.A.	Elementary Education	Washington
Bruce Orlin Gump	B.A.	Elementary Education	Ohio
Edwin M. Gurganus	B.A.	Bible	Alabama
Ronald Wayne Hargett	B.A.	Social Work	Texas
Kathryn Harshbarger	B.A.	Elementary Education	West Virginia
Martha Ann Haynes	B.A.	Physical Education	Alabama
Nancy Colleen Hazel	B.A.	Art	Missouri
Charles Vernon Hicks	B.A.	Art	North Carolina
Samuel W. Hinton	B.A.	Biology	Alabama
Ronald Steve Hix	B.A.	Accounting	Arkansas
Cynthia C. Hobelman	B.A.	Physical Education	Iowa
Karen Lynn Holland	B.A.	Political Science	Arkansas
Cindy L. Holmes	B.A.	English	Illinois
Judy Ann Holt	B.A.	Home Economics	California
Steve Allen Howell	B.A.	Bible	Arkansas
John Michael Huddleston	B.A.	Social Science	Florida
David Latimer Hudson	B.A.	Physical Education	Delaware
Elsie M. Huffard	B.A.	Sociology	Lebanon
Gary Mack Hunter	B.A.	Accounting	Arkansas
Cheryl Ann Hurst	B.A.	Physical Education	Ohio
Joan Elaine Inman	B.A.	Home Economics	Indiana
Paul Allen Jacoby	B.A.	Bible	Pennsylvania
Elizabeth Jane James	B.A.	Elementary Education	Arkansas
Bruce Kevin Jeralds	B.A.	Biology	Arkansas
Linda M. Johnson	B.A.	Social Work	Texas
Patricia L. Johnson	B.A.	French	California

Randall Shawn Jones	B.A.	Bible	Arkansas
Georgina Kee	B.A.	Home Economics	South Carolina
Deborah Kay Kelly	B.A.	Accounting	Texas
Terry L. Kernodle	B.A.	Biology	Arkansas
Steven Douglas King	B.A.	Bible	Ohio
Keith Wayne Kress	B.A.	Bible	West Virginia
Denny Lee Kruse	B.A.	Bible	Missouri
Sandra R. Kurrelmeyer	B.A.	Business Education	Illinois
Kathy Diane Kurz	B.A.	Speech	Missouri
Terrence Neil Lavan	B.A.	Bible	Illinois
David Edward Luke	B.A.	Bible	Nebraska
William D. Lumpkin	B.A.	General Business	Arkansas
Beverly E. Lunsford	B.A.	Social Work	Florida
Bonita E. McCready	B.A.	Elementary Education	Ohio
Brenda Kay McDaniel	B.A.	Speech	Michigan
Karla A. McGough	B.A.	Bible	Virginia
Johnnie F. McGuire	B.A.	Physical Education	Florida
Lois Diane McKinney	B.A.	Elementary Education	Texas
Marianna Sue Markle	B.A.	Home Economics	West Virginia
Michael S. Mason	B.A.	Elementary Education	Arkansas
David Joseph Mathews	B.A.	Bible	Texas
Joe Hall Mathias	B.A.	Accounting	Missouri
Edna Ruth Maxey	B.A.	Elementary Education	Mississippi
James Paul Medlock	B.A.	Accounting	Missouri
Georgia Ann Merritt	B.A.	Elementary Education	Arkansas
Felix Arthur Morris	B.A.	Accounting	Alabama
James Michael Musick	B.A.	Physical Education	Arkansas
Joseph E. Myers	B.A.	Physical Education	Ohio
Janet Kay Nadeau	B.A.	Social Work	California
John Mark Nadeau	B.A.	Elementary Education	California
Linda Diane Naron	B.A.	Psychology	Arkansas
Barry Dale Neal	B.A.	Accounting	Arkansas
Gary Glenn Neal	B.A.	Bible	Arkansas
Jerome D. O'Connell	B.A.	Bible	Arkansas
Rebecca A. Oldroyd	B.A.	Speech	Texas
Robert T. Pankey, Jr.	B.A.	General Business	Arkansas
Lynn Allison Parker	B.A.	English	Arkansas
Ronald Lee Parker	B.A.	Sociology	Tennessee
Majorie Kay Patton	B.A.	Elementary Education	Texas
Penny Groover Petway	B.A.	Biology	Arkansas
Pamela Frances Plunk	B.A.	Social Work	Tennessee
Jac Fletcher Powell	B.A.	Sociology	Arkansas
John Robert Price	B.A.	Bible	Texas
Melinda Hill Price	B.A.	Business Education	Kentucky
Janet Helen Prince	B.A.	Elementary Education	Ohio
Jerome D. Prince	B.A.	Physical Education	Tennessee
Sherryl Nola Randall	B.A.	Elementary Education	Arkansas
David J. Ransom	B.A.	Psychology	Arkansas
Elizabeth Ann Reel	B.A.	Social Work	Tennessee
Norma Lou Reeves	B.A.	Social Work	Arkansas
Joe'Eddy Rhodes	B.A.	Business Education	Arkansas
Edith Jane Riley	B.A.	Business Education	West Virginia
Larry J. Rodenbeck	B.A.	Physical Education	Indiana
Donald H. Sandlin	B.A.	Physical Education	Florida
David Howard Savage	B.A.	Speech	Florida
Judy K. Scammerhorn	B.A.	Elementary Education	Tennessee
Robert F. Schwenker	B.A.	Elementary Education	New York
Paula Sharon Shaw	B.A.	Elementary Education	Arkansas
Lionel J. Shock	B.A.	General Business	Arkansas

Richard Eric Simon	B.A.	Accounting	Virginia
Katherine Ann Sims	B.A.	Social Work	Arkansas
Dennis Craig Snider	B.A.	Social Science	Michigan
Brenda J. Sprinkle	B.A.	Psychology	Texas
Harry Gene Starnes	B.A.	Physical Education	Arkansas
Veda G. Stevens	B.A.	History	Arkansas
Carla Jean Stiger	B.A.	Business Education	Arkansas
Jo Cheryl Stokes	B.A.	Elementary Education	Iowa
Hoyt Lee Stubbs	B.A.	Biology	Georgia
Helen Alice Sullivan	B.A.	Psychology	Oregon
Richard W. Sztanyo	B.A.	Bible	Arkansas
Sherrill P. Taggart	B.A.	Elementary Education	Oregon
Lynn Hilton Terry	B.A.	Bible	Vermont
Brenda K. Trotter	B.A.	Elementary Education	Ohio
Ted Richard Trotter	B.A.	Elementary Education	Ohio
Debra Lynn Troup	B.A.	Home Economics	Alabama
Daniel C. Tullos	B.A.	Speech	Arkansas
Anna Sue Turner	B.A.	Social Work	Michigan
Willie Carl Turner	B.A.	Physical Education	Alabama
Barbara D. Waite	B.A.	Elementary Education	Arkansas
David M. Walker	B.A.	Accounting	Arkansas
Angela O'Beta Wallace	B.A.	Physical Education	Missouri
Paul W. Wallace	B.A.	Biology	Arkansas
Harry L. Ware, Jr.	B.A.	Accounting	Arkansas
Willard Gene Weaver	B.A.	Biology	Arkansas
Virginia D. Webb	B.A.	Physical Education	Texas
Jatonne Laney Welch	B.A.	Art	Arkansas
Marvin Terry Welch	B.A.	Physical Education	Arkansas
Richard V. Whaley	B.A.	Accounting	Tennessee
Vickie Lynne Wheat	B.A.	Social Work	California
Larry Lee Wheeler	B.A.	Psychology	Ohio
Susan D. Whitworth	B.A.	Elementary Education	Kansas
Daphne Dian Williams	B.A.	Business Education	Texas
David L. Williams	B.A.	Physical Education	Alabama
Ivan Dale Williams	B.A.	Bible	Oklahoma
Mary E. Williston	B.A.	Elementary Education	Ohio
Douglas N. Wilson	B.A.	Social Science	Michigan
Johnny Hal Wilson	B.A.	Psychology	Alabama
Charlotte Ann Wolfe	B.A.	Elementary Education	Indiana
James Tony Wood	B.A.	Biology	Mississippi
Rebekah F. Woods	B.A.	Elementary Education	Georgia

MASTER OF ARTS IN TEACHING

Billy Joe Bowles	M.A.T.	Arkansas
Eva Freppon	M.A.T.	Arkansas
Edwina R. Gould	M.A.T.	Arkansas
Charles Ed Pruitt	M.A.T.	Arkansas

August 10, 1973

Magna Cum Laude

Robert Allen Black	B.A.	English	Georgia

Cum Laude

Stephen Wayne Bowie	B.A.	Accounting	Tennessee
Harold Dean Davis	B.A.	Social Science	Arkansas
Linda Liane Hall	B.A.	Biology	California
Sandra Melson	B.A.	English	Alabama
William R. Myatt	B.A.	Psychology	Arkansas
Letina E. Underwood	B.A.	Elementary Education	Tennessee

Bachelor of Science

Claude F. Allison	B.S.	Business Administration	Florida
Vickie L. Bristow	B.S.	Home Economics	Oklahoma
Richard Peery Horner	B.S.	Business Administration	Arkansas
Alton Johnathan Howard	B.S.	Business Administration	Louisiana
Cathy Jill Moore	B.S.	General Science	Arkansas
Richard Dale Payne	B.S.	Business Administration	Arkansas
Gordon L. Redd	B.S.	Business Administration	Mississippi
Jerry Frank Rubio	B.S.	Business Administration	Tennessee
Robert R. Sellers	B.S.	Business Administration	Texas
Dana Paul Slingluff	B.S.	Business Administration	Ohio

Bachelor of Science in Medical Technology

Donnita Clark	B.S.M.T.	Medical Technology	North Carolina

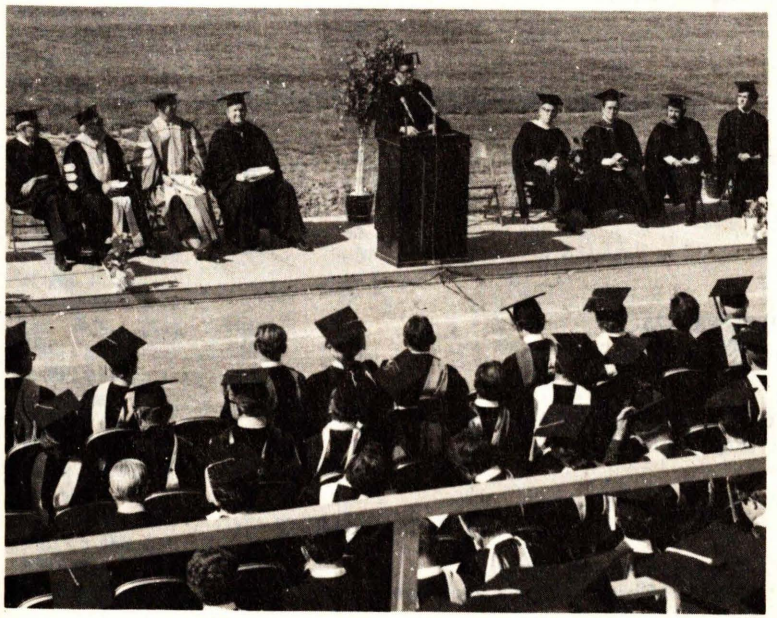
Bachelor of Arts

Mark Stuart Bales	B.A.	Biology	Arkansas
Michael Lynn Bench	B.A.	General Business	Texas
James R. Berryhill	B.A.	Accounting	Arkansas
Don Travis Birdwell	B.A.	Bible	Texas
Janet S. Black	B.A.	Elementary Education	Mississippi
Carl Wayne Bonds	B.A.	Accounting	Arkansas
Gary Voss Brewer	B.A.	General Business	Arkansas
Bradley A. Buchman	B.A.	History	Ohio
Gary E. Campbell	B.A.	Sociology	Missouri
Linda Dianne Carder	B.A.	Home Economics	Alabama
Phillip Dan Carroll	B.A.	Psychology	Texas
Gary M. Cleveland	B.A.	Bible	Arkansas
Katherine A. Cooper	B.A.	English	Mississippi
Wesley Barrie Cox	B.A.	Art	Texas
Cathryn E. Cross	B.A.	Social Work	Alabama
Dinah L. Daniels	B.A.	Home Economics	Arkansas
Carol Ellen Derick	B.A.	Social Work	Georgia
Bruce W. Evans	B.A.	Social Science	Arkansas
Charles William Fall	B.A.	Art	California
Ann G. Fetters	B.A.	Elementary Education	Arkansas
Shella Fitzgerald	B.A.	Secondary Education	Arkansas
Revis Scott Fowler	B.A.	Speech	Ohio
Marvin D. Francisco	B.A.	Physical Education	Iowa
Timothy Lee Geary	B.A.	History	California
Karen Edwina Giddens	B.A.	Elementary Education	Arkansas
Reginald P. Greene	B.A.	Biology	Georgia
Gary Wayne Gregg	B.A.	General Science	Arkansas
Gloria F. Gregory	B.A.	Physical Education	Illinois
Cheryl Jean Hicks	B.A.	Elementary Education	South Carolina
Lowell D. Hillis	B.A.	Bible	Tennessee
David Wilson Jerkins	B.A.	Biology	Georgia
William A. Johnson	B.A.	General Business	Missouri
James A. Jones, Jr.	B.A.	Bible	Tennessee
Jana Jones	B.A.	English	Texas
Raymond C. Lasley	B.A.	Secondary Education	Arkansas
Lina A. Leatherwood	B.A.	Elementary Education	Mississippi
Jeanne A. Leckliter	B.A.	Elementary Education	Texas
Kerry Lynn McClurg	B.A.	Speech	Iowa
Brenda Lynn McCray	B.A.	Elementary Education	Michigan
William C. McDonald	B.A.	Business Administration	Arkansas
Carl W. May	B.A.	History	Tennessee
Sandra Fields Murray	B.A.	English	Tennessee

Bobbie Gail Nettles	B.A.	Secretarial Science	Arkansas
Coy E. Pullara	B.A.	Social Work	Arkansas
James Hunter Railey	B.A.	Biology	Texas
William Gregory Ratliff	B.A.	Social Science	Arkansas
George Emory Reagan	B.A.	Biology	Georgia
Betty Jane Rickerson	B.A.	Psychology	Wisconsin
Stanley P. Romine	B.A.	Physical Education	Arkansas
Brenda Benson Rubio	B.A.	Secretarial Science	Tennessee
Sherry Jon Shipman	B.A.	Physical Education	Missouri
Karen Jane Sims	B.A.	Physical Education	Montana
Arthur Don Smith	B.A.	Bible	Idaho
Stephen Paul Smith	B.A.	Speech	Oklahoma
Roy Stephenson	B.A.	Bible	Arkansas
Bobby Lee Wood	B.A.	Bible	Arkansas

Master of Arts in Teaching

Diann Parker Back	M.A.T.	Arkansas
James David Behel	M.A.T.	California
Paulette Gail Biffle	M.A.T.	California
Randall Brannon	M.A.T.	Georgia
Kendra Ann Covert	M.A.T.	Arkansas
Dennis Cox	M.A.T.	Iowa
Roselene Grady	M.A.T.	Arkansas
George Hoagland	M.A.T.	Tennessee
Yue Tin Hui	M.A.T.	Hong Kong
Kerbe B. Lee	M.A.T.	Arkansas
Alfred Eugene Moore	M.A.T.	Oregon
James Moss	M.A.T.	Louisiana
Ronnie D. Peacock	M.A.T.	Arkansas
Linda M. Severe	M.A.T.	Michigan
G. Jean Tucker	M.A.T.	California
Richard Young	M.A.T.	Arkansas



Enrollment Summary

1972-73

COLLEGE ENROLLMENT

REGULAR SESSION 1972-73	Male	Female	Total
Freshman	288	350	638
Sophomore	244	241	485
Junior	270	294	564
Senior	266	207	473
Graduate	32	24	56
Special and Post Graduate	26	19	45
	1,126	1,135	2,261
SUMMER 1973			
Freshman	41	59	100
Sophomore	39	57	96
Junior	67	93	160
Senior	61	49	110
Graduate	26	37	63
Special and Post Graduate	16	16	32
	250	311	561
TOTAL COLLEGE			
Regular and Summer	1,376	1,446	2,822

HIGH SCHOOL AND ELEMENTARY SCHOOL ENROLLMENT

REGULAR SESSION 1972-73			
High School (Grades 7-12)	102	120	222
Elementary (Grades 1-6)	60	72	132
	162	192	354
SUMMER 1973			
High School	10	29	39
TOTAL ELEMENTARY AND HIGH SCHOOL			
Regular and Summer	172	221	393

TOTAL ENROLLMENT

Total, All Divisions, Regular	1,288	1,327	2,615
Total, All Divisions, Regular and Summer	1,542	1,667	3,215

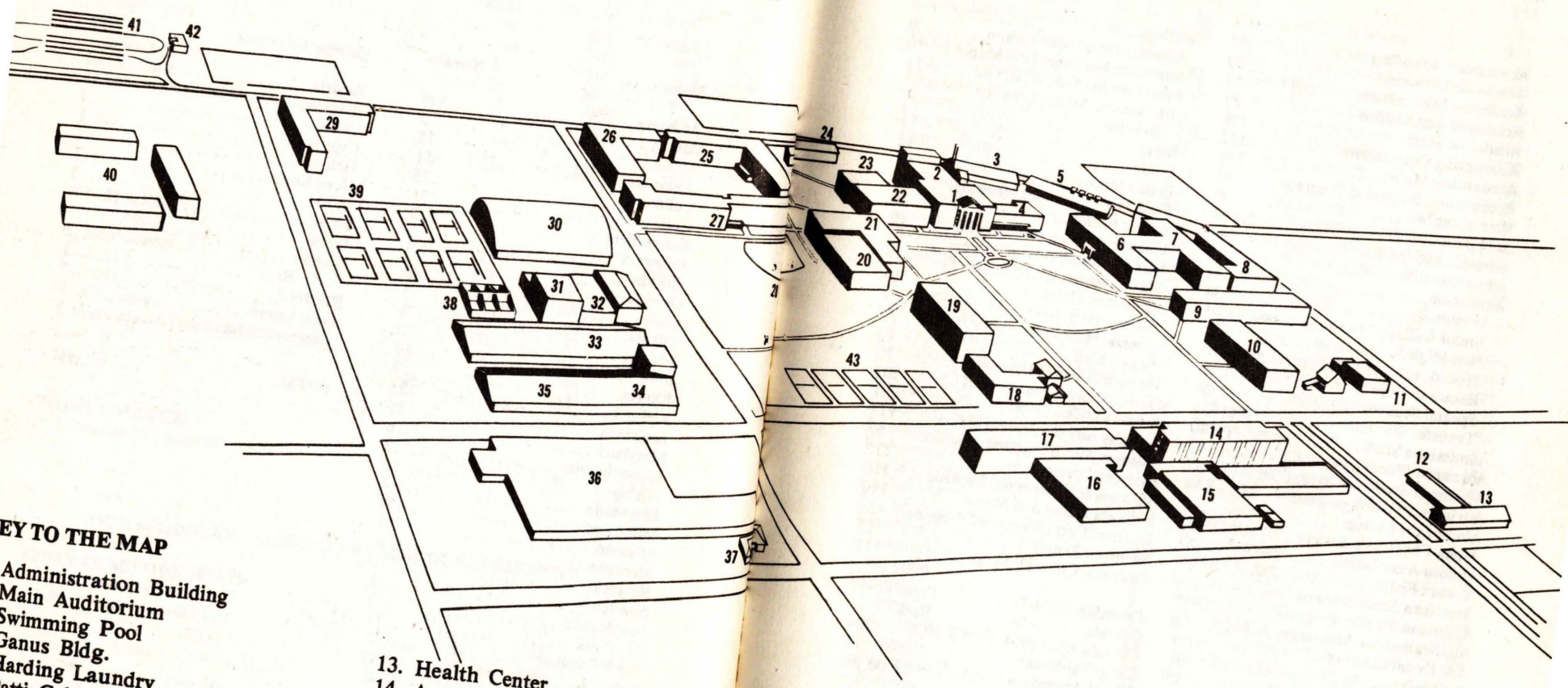
STATES AND COUNTRIES REPRESENTED IN COLLEGE DURING REGULAR SESSION

1972-73

WITHOUT DUPLICATION

States	Number
Alabama	109
Alaska	2
Arizona	15
Arkansas	651
California	75
Colorado	31
Connecticut	2
Delaware	4
Florida	57
Georgia	48
Idaho	1
Illinois	78
Inidana	53
Iowa	19
Kansas	19
Kentucky	25
Louisiana	85
Maryland	6
Massachusetts	2
Michigan	57
Minnesota	4
Mississippi	52
Missouri	161
Montana	8
Nebraska	17
New Jersey	3
New Mexico	7
New York	14
North Carolina	6
Ohio	83
Oklahoma	45
Oregon	4
Pennsylvania	27
Rhode Island	1
South Carolina	10
South Dakota	4
Tennessee	148
Texas	208
Utah	3
Vermont	8
Virginia	15
Washington	16
West Virginia	25
Wisconsin	13
Wyoming	2

Foreign Countries	Number
Austria	1
Belgium	1
Canada	7
Cyprus	1
Holland	1
Hong Kong	3
India	3
Israel	6
Japan	1
Nigeria	2
Puerto Rico	1
Rhodesia	7
Sierre Leone	1
Singapore	2
TOTAL	**2,261**



KEY TO THE MAP

1. Administration Building
2. Main Auditorium
3. Swimming Pool
4. Ganus Bldg.
5. Harding Laundry
6. Patti Cobb Hall for Women
7. Cathcart Hall for Women
8. Stephens Hall for Women
9. Kendall Hall for Women
10. American Studies Building
11. Sewell Hall
12. Clinic Building
13. Health Center
14. American Heritage Center
15. Peyton Auditorium
16. Bowling Lanes
17. Hammon Student Center
18. Art Center
19. Old Science Building
20. Educational Media Center
21. Beaumont Memorial Library
22-23. Ezell Bible Center
24. West Storage Building
25. Keller Hall for Men
26. Armstrong Hall for Men
27. Graduate Hall for Men
28. Intramural Field
29. Harbin Hall for Men
30. Rhodes Memorial Field House
31. Recording Studio
32. Claude Rogers Lee Music Center
33. Harding Academy
34. Elementary School
35. Harding College Press.
36. New Science Building
37. Echo Haven
38. Handball Courts
39. Tennis Courts
40. Married Student Apartments
41. Alumni Field
42. Field House
43. Tennis Courts

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1974

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TENTATIVE COLLEGE CALENDAR 1975-76

FALL SEMESTER — 1975

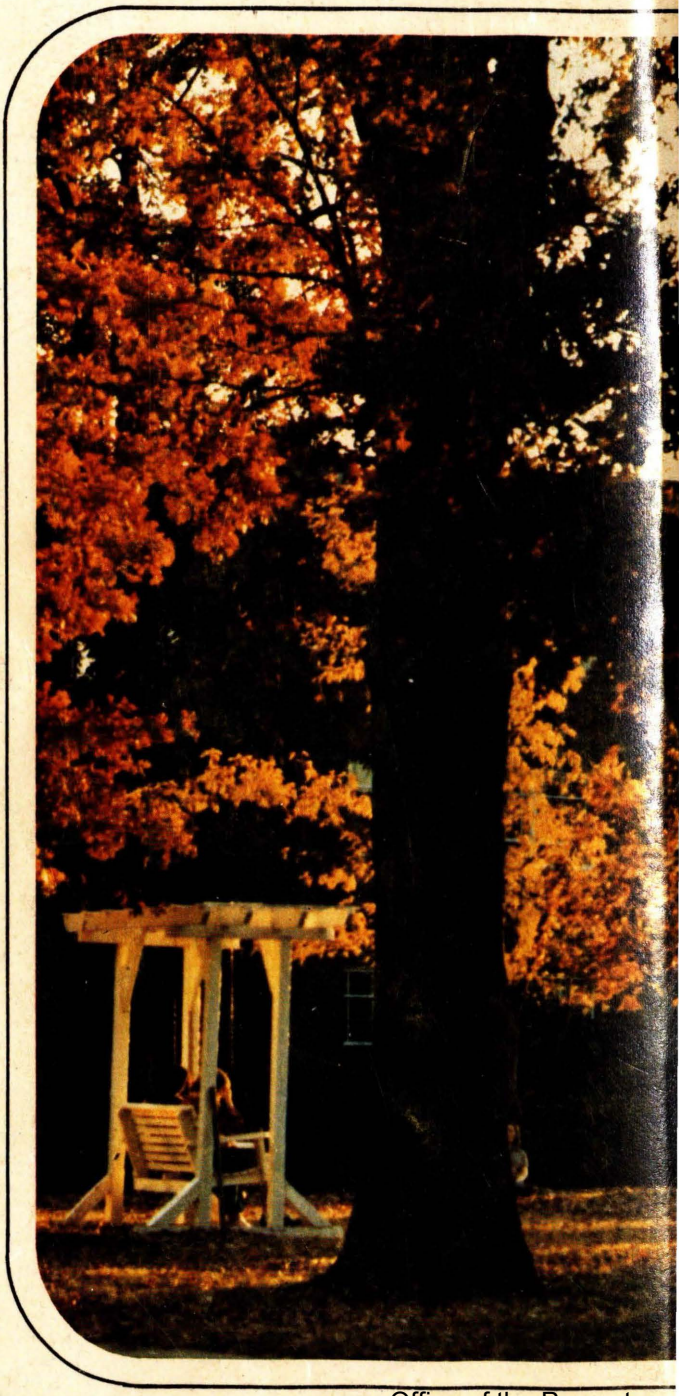
Faculty Conference	Aug. 22
Freshman Assembly	8:00 a.m., Aug. 25
Assembly for sophomores, juniors, and seniors	9:00 a.m., Aug. 25
Orientation and counseling	Aug. 25-27
Registration	8:00 a.m.-4:00 p.m., Aug. 28
Classes begin	8:00 a.m., Aug. 29
Transfer tests (all transfer students)	8:00 a.m., Aug. 30
Lectureship	To be arranged
Alumni Day and Homecoming	To be arranged
Graduate Record Examinations	8:00 a.m., Oct. 25
Supervised teaching	Oct. 27-Dec. 19
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Junior English Proficiency Test	4:30 p.m., Nov. 3
National Teachers Examinations	8:00 a.m., Nov. 8
Thanksgiving recess	5:15 p.m., Nov. 26 to 8:00 a.m., Dec. 1
Sophomore tests	8:00 a.m., Dec. 6
Graduate Record Examinations	8:00 a.m., Dec. 13
Dead week	Dec. 10-13
Final examinations	Dec. 15-20
Christmas recess	5:15 p.m., Dec. 20, to 8:00 a.m., Jan. 5, 1975

SPRING SEMESTER — 1976

Orientation of new students	Jan. 5
Counseling of new students	Jan. 6
Registration	8:00 a.m.-4:00 p.m., Jan. 7
Classes begin	8:00 a.m., Jan. 8
Transfer tests (all transfer students)	8:00 a.m., Jan. 10
Final date for application for degree on May 9	Jan. 31
Graduate Record Examinations (Aptitude only)	8:00 a.m., Feb. 21
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Spring recess	5:15 p.m., March 5 to 8:00 a.m., March 15
Supervised teaching	March 10-May 7
Sophomore tests	8:00 a.m., March 20
National Teachers Examinations	8:00 a.m., April 3
Junior English Proficiency Test	4:30 p.m., April 5
Graduate Record Examinations	8:00 a.m., April 24
Dead week	April 28-May 1
Final examinations	May 3-8
Graduation exercises	2:30 p.m., May 9

SUMMER TERM — 1976

Counseling students	9:00-11:00 a.m., June 7
Registration for summer term	1:00 p.m.-4:00 p.m., June 7
Classes begin, first session	7:30 a.m., June 8
Junior English Proficiency Test	3:30 p.m., June 14
Graduate Record Examinations	8:00 a.m., June 19
College Level Examination Program (CLEP)	Monthly on 3rd Thurs.
Final examinations, first session	July 8-9
Classes begin, second session	July 12
Final date for application for degree on Aug. 13	July 13
National Teachers Examinations	8:00 a.m., July 17
Junior English Proficiency Test	3:30 p.m., July 19
Final examinations, second session	Aug. 12-13
Graduation exercises	10:30 a.m., Aug. 13



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