

1982

# Harding University Course Catalog 1982-1983

Harding University

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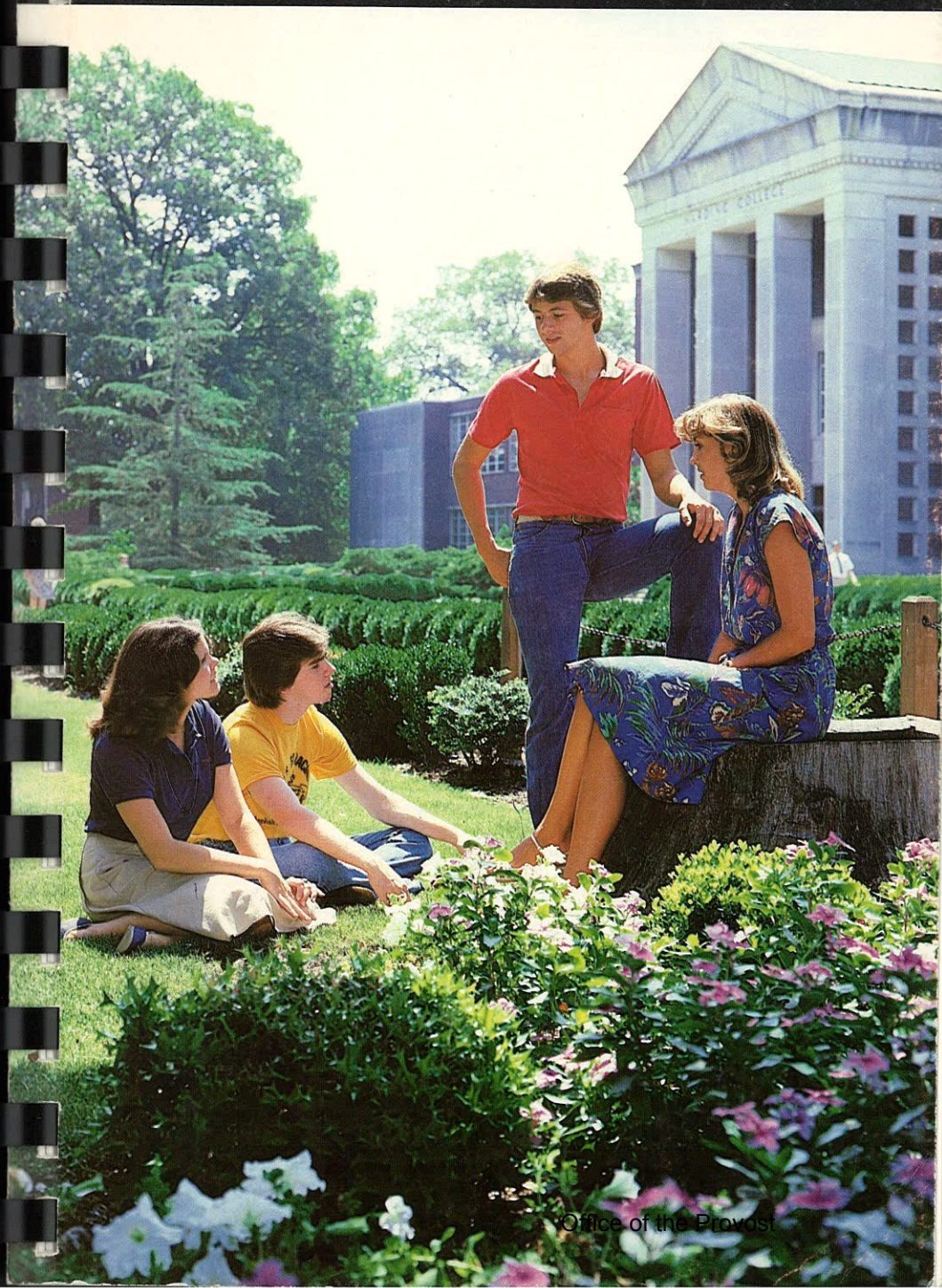
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# Harding University





Undergraduate and Graduate  
Course Listings



An Invitation

With the beginning of the 1979 fall semester, Harding moved into another era of its existence — this time as Harding University. The broad scope of our curriculum, the excellence of our teaching faculty and the desire to serve meaningfully God and our fellow men provide new opportunities for Harding as a Christian school. We invite you to visit our campus, see our facilities, meet our faculty and students and learn as much as possible about Harding.

Campus tours may be arranged through the Admissions Office, located on the first floor of the Ganus Building adjacent to the Administration Building. The office is open 8-12 and 1-5 on Monday through Friday. Admissions counselors are available on weekends by appointment.

President

Harding University  
Searcy, Arkansas 72143  
Telephone: 501/268-6161  
Office of the Provost

FALL SEMESTER — 1982

President's Reception for Faculty	4:00-6:00 p.m., Aug. 19
Faculty Conference at Camp Tahkodah	10:00 a.m.-9:00 p.m., Aug. 20
CLEP Tests (Institutional) (except English Composition & Essay)	7:30 a.m., Aug. 23
Registration for all students	9:00 a.m.-4:00 p.m., Aug. 23-25
Assembly for all upperclassmen NOT preregistered	1:00 p.m., Aug. 23
ACT (required if ACT has not been taken)	1:00 p.m., Aug. 23
Academic advising for upperclassmen	1:30 p.m., Aug. 23-11:00 a.m., Aug. 24
Assembly for freshmen NOT at early orientation	8:30 a.m. & 12:45 p.m., Aug. 24
Academic advising for freshmen	1:30 p.m., Aug. 24-11:00 a.m., Aug. 25
Classes begin on regular schedule	8:00 a.m., Aug. 26
Final date for enrolling for fall semester	Sept. 13
CLEP Tests (National) (except English Composition and Essay)	7:30 a.m., Sept. 16
Final date for application for degree on Dec. 17	Sept. 17
Junior English Proficiency Test	3:30 p.m., Oct. 4
Lectureship	Oct. 13-16
Graduate Record Examinations	8:00 a.m., Oct. 16
CLEP Tests (National) (English Composition & Essay)	7:30 a.m., Oct. 21
Graduate Management Admissions Test	8:00 a.m., Oct. 23
Supervised teaching	Oct. 25-Dec. 17
National Teacher Examination (Area Examination only)	8:00 a.m., Oct. 30
Alumni Day and Homecoming	Nov. 5 & 6
National Teacher Examination (Commons Examination only)	8:00 a.m., Nov. 13
Junior English Proficiency Test	3:30 p.m., Nov. 15
Thanksgiving recess	5:00 p.m., Nov. 24 to 8:00 a.m., Nov. 29
Dead week	Dec. 8-10
Graduate Record Examinations	8:00 a.m., Dec. 11
Final examinations	Dec. 11-16
Graduation exercises	10:00 a.m., Dec. 17
Christmas recess	12:00 noon, Dec. 17, to 8:00 a.m., Jan. 10, 1983

SPRING SEMESTER — 1983

Orientation of new students — freshmen and transfers	8:30-10:30 a.m., Jan. 10
Registration for all students	9:00 a.m.-4:00 p.m., Jan. 10-12
Assembly for all students NOT preregistered	1:00 p.m., Jan. 10
Academic advising for all students	1:30-4:00 p.m., Jan. 10
Classes begin on regular schedule	8:00 a.m., Jan. 13
CLEP Tests (except English Composition & Essay)	7:30 a.m., Jan. 20
Graduate Management Admissions Test	8:00 a.m., Jan. 29
Final date for enrolling for spring semester	Jan. 31
Graduate Record Examinations	8:00 a.m., Feb. 5
Final date for application for degree on May 15	Feb. 11
Junior English Proficiency Test	3:30 p.m., Feb. 21
National Teacher Examination (Commons Examination only)	8:00 a.m., March 5
Spring recess	5:00 p.m., March 11, to 8:00 a.m., March 21
Supervised teaching	March 14-May 13
Youth Forum and Spring Sing	April 1-2
Junior English Proficiency Test	3:30 p.m., April 11
Graduate Record Examinations	8:00 a.m., April 23
National Teacher Examination (Area Examination only)	8:00 a.m., April 30
Dead week	May 4-7
Final examinations	May 9-14
Graduation exercises	2:30 p.m., May 15

SUMMER TERM — 1983

Intersession	May 16-June 1
Orientation of new students — freshmen and transfers	8:30-9:30 a.m., June 6
Assembly for students NOT preregistered	9:30 a.m., June 6
Academic advising for all students	10:00-11:30 a.m., June 6
Registration for all students	9:00 a.m.-4:00 p.m., June 6
Classes begin, First Session	7:30 a.m., June 7
Graduate Record Examination (Aptitude only)	June 11
Final date for enrolling for First Session	June 13
Classes meet on Saturday to make up July 4 holiday	June 25
Junior English Proficiency Test	3:30 p.m., June 13
Final Examinations, First Session	July 7-8
Classes begin, Second Session	7:30 a.m., July 11
Final date for application for degree on Aug. 12	July 13
Junior English Proficiency Test	3:30 p.m., July 18
Summer's End Session	July 27-Aug. 12
Final examinations, Second Session	Aug. 11-12
Graduation exercises	10:30 a.m., Aug. 12
CLEP Tests (Institutional) (given at Early Orientation Sessions)	To be arranged
(Harding University say given only at First Early Orientation Session)	



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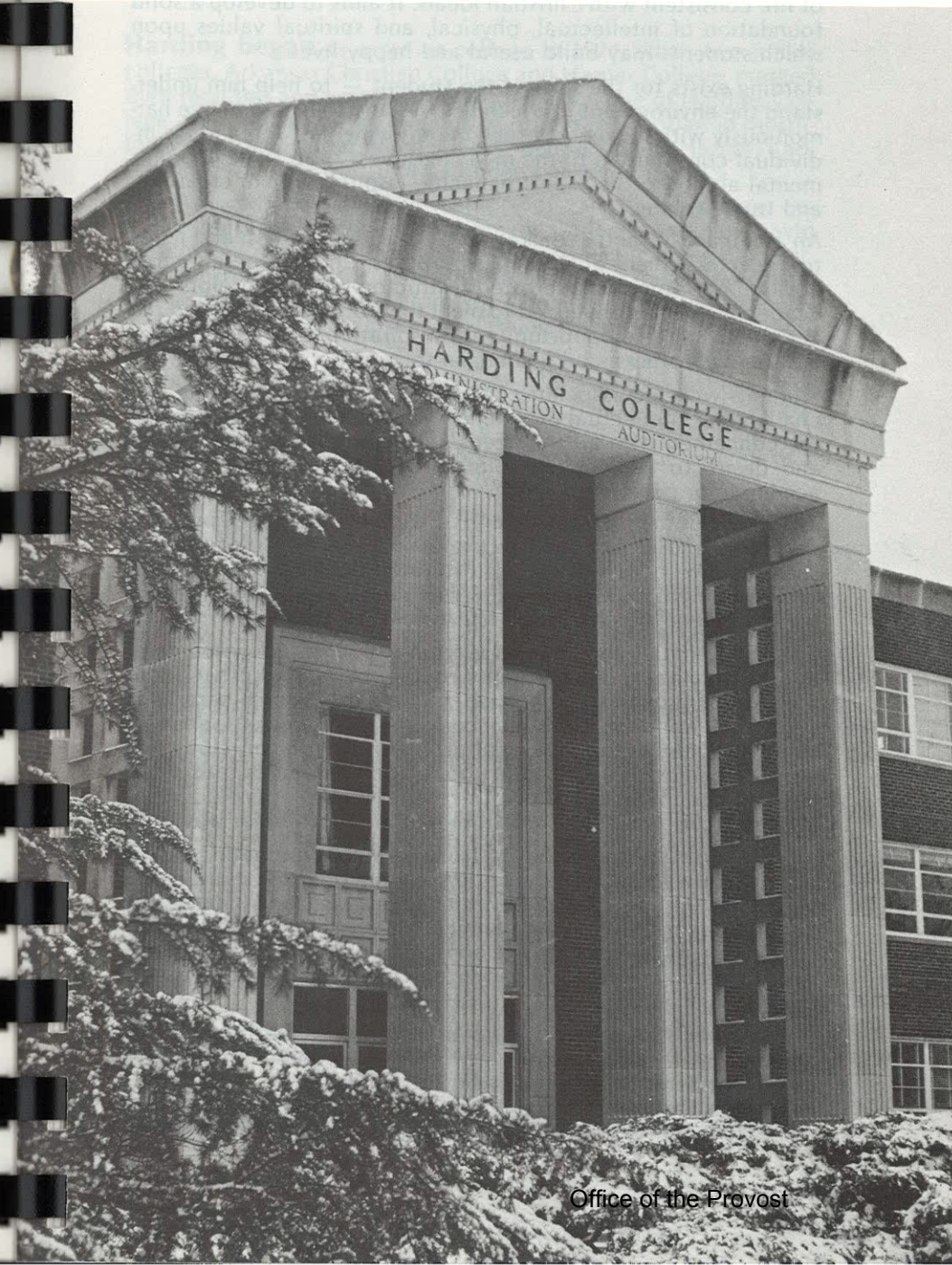
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## HARDING UNIVERSITY IS A CHRISTIAN INSTITUTION

of higher education composed of a college of arts and sciences; schools of business, education, and nursing; a graduate program in education, and, located in Memphis, Tennessee, a graduate school of religion. Its purpose is to give students an education of high quality which will lead to an understanding and 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 makes up a college education and leads 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 problems, 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 university 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 university, irrespective of their religious faith, national origin, race, sex, or color.

Harding admits students of any race to all of the rights, privileges, programs and activities generally accorded or made available to students at the university. The university does not discriminate on the basis of race or handicap in administration of its admissions policies, educational policies, scholarship and loan

and athletic and other school-administered programs. Also, as required by Title IX of the Educational Amendments of 1972, Harding does not discriminate on the basis of sex in its educational programs or activities or employment except when necessitated by specific religious tenets held by the institution and its controlling body.

**Harding began** as a senior college in 1924, when two junior colleges, Arkansas Christian College and Harper College, merged their facilities and assets, adopted the new name of Harding College, and located at 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 University.

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. Thus far in his administration, the enrollment has increased from 1,472 in the fall of 1965 to 3,086 in the fall of 1980. Seven major academic buildings (including the \$2.6 million auditorium and the new Academy Building), four large residence halls, and several married students' apartments have been constructed. The seventh, the J. E. and L. E. Mabee Business Center was completed in August, 1982. Also, six academic buildings have been renovated and/or enlarged. The Nursing Program, the Social Work Program, the Mission/Prepare Program, the Christian Communications Program, and the Harding University in Florence (Italy) Program have been developed during his administration. In Memphis,





Tennessee, the Graduate School of Religion has experienced significant growth, has received accreditation by the Southern Association, and has added the Doctor of Ministry degree to its program.

In May of 1978, the Board requested Dr. Ganus to implement a study of the feasibility of Harding's becoming a university. The committee that made the study recommended the change; therefore, the Board at its October meeting in 1978 authorized the change to Harding University on August 27, 1979.

**Harding's home community**, Searcy, Arkansas, a city of 13,612 persons according to the 1980 official census, is the seat of White County. Founded in 1837, Searcy enjoyed a gradual growth as center of a chiefly agricultural area until the last 34 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 is at Little Rock, but Searcy is served by two bus lines 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 recreation 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 about 200 acres east of the downtown area of Searcy, but the impact of the university on the town is more far-reaching than that caused by geography alone. Interaction and

dependence between the university and the community is great, with many Searcians serving Harding in a variety of ways and with the university's contributing significantly to the civic, cultural, economic, educational, recreational, and spiritual well-being of the city.

**Accreditation** is the measure of a university'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 Harding 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 (1954) for all work leading to the Associate of Arts (in secretarial science only), Bachelor of Arts, Bachelor of Business Administration, Bachelor of Science, Bachelor of Science in Medical Technology, Bachelor of Science in Nursing, Bachelor of Social Work, and Master of Education degrees. Its undergraduate teacher education program for preparing elementary, special education, and secondary teachers is accredited by the National Council for Accreditation of Teacher Education (1961). Its undergraduate program in social work is accredited by the Council on Social Work Education (1978). Its undergraduate program in nursing is accredited by the National League for Nursing (1979).

Harding 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 university also has strong pre-professional programs in various fields of the medical sciences, various fields of engineering, law, and 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 200 acres within a few blocks of downtown Searcy. Additional campus property, consisting of farm land, lies southeast of the campus. The 46 buildings with their equipment and educational facilities, valued at more than \$35 million, provide an efficient and well-furnished educational plant.

The following are the major structures:

**ADMINISTRATION 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, three classrooms, the Administrative Computer Center, and certain facilities of the speech department, including the Little Theatre and drama storerooms and work-shops. Like all academic and administrative buildings, it is air-conditioned.



GEORGE S. BENSON AUDITORIUM (1980): Design 1982-1983 Harding University Catalog

3,428 and named in honor of president emeritus Dr. George S. Benson, the auditorium was completed in March, 1980. It is used for daily chapel, lyceums, lectures, and other programs. The large stage fully equipped and the orchestra pit facilitate dramatic and musical programs. The building has one suite of offices and, when needed, four classrooms seating approximately 75 students each.

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

HAMMON STUDENT CENTER (1973): The real center of student life is the two-story building which houses Shores Chapel, the Inn, Book Store, Bowling Lanes, Post Office, recreation room, lounge, and student association and student publications 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, 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. The second addition also included facilities for the Educational Media Center through the summer of 1982, at which time it was moved to the new Mabee Business Center.

CLAUD ROGERS LEE MUSIC CENTER (1952, 1966, 1969): Facilities for Harding'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.

AND L. E. MABEE BUSINESS CENTER (1982): This modern building provides excellent teaching facilities especially designed for the School of Business. It also houses the American Studies Program, the Belden Center for Private Enterprise Education, the Center of Management Excellence, the Educational Media Center, and the Academic Computer Center. It was completed during the summer of 1982.

W. R. COE AMERICAN STUDIES BUILDING (1953): This three-story classroom building houses the Graduate Program, the School of Education, and the departments of English, history and social science, and journalism.

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.

EZELL 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 ten other classrooms. It also houses the Christian Communications Program. In its basement are several administrative offices.

PHYSICAL EDUCATION-ATHLETIC CENTER (1976): Completed in February, 1976, the Center has 83,125 square feet of heated and air-conditioned space containing facilities for offices, classrooms, weight room, and locker and dressing rooms for physical education classes and intercollegiate athletic teams. There is a 45' x 75' swimming pool, three handball courts, and a 40' x 60' gymnastics area. The main arena is a playing area of 148' x 212' for basketball, volleyball, badminton, tennis, and indoor track. There is portable seating for 5,200 spectators at basketball games.

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

OLEN HENDRIX HALL (1926, 1975): Through the years this three-story structure has been one of the most useful on campus. It originally was the administrative center and classroom building, then was used until 1967 as headquarters for the natural science division. 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 was completely renovated to provide modern facilities for the School of Nursing and the Department of Home Economics.

STUDENT SERVICES BUILDING (1940, 1974): Harding acquired this former medical clinic in 1963 and converted it into classrooms, offices, and facilities for the student Health Service. Extensive remodeling during the summer of 1974 provided excellent facilities for the Counseling Center and modern laboratories and seminar rooms for psychology, sociology, and social work.



ECHO HAVEN (1953): This four-bedroom house is occupied 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 field, an eight-lane track, and an equipment building. Seating exists for 4,000 persons.

JERRY MOORE FIELD (1981): Jerry Moore Field is the intercollegiate baseball field.

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

RESIDENCE HALLS: Ten 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 dining room; Cathcart Hall (1951); Kendall Hall (1961); Stephens Hall (1968); and L. C. Sears Hall (1975). Both Stephens Hall and Sears Hall are air-conditioned.

The following are men's residences: Armstrong Hall (1949); Graduate Hall (1956); American Heritage Center (1965); Keller Hall (1969); and Harbin Hall (1971). The American Heritage, Keller and Harbin Halls are air-conditioned.

Harding has also purchased or built several houses near the campus to provide homes for junior and senior students when the residence halls are filled to capacity.

MARRIED STUDENTS APARTMENTS (1958, 1974): Three separate buildings built in 1958 provide low-cost housing for married students, with 52 one-bedroom and 8 two-bedroom units. Five additional buildings built in 1974 provide 39 air-conditioned apartments for married students — 16 one-bedroom apartments and 23 two-bedroom apartments.

OTHER BUILDINGS: The following are other campus structures: the old swimming pool, the Academy Building, the heating plant, the laundry building, the receiving center, the carpenter shop, the automotive shop, the campus maintenance facility, the storage buildings, and the Bell Tower.

CAMP TAHKODAH: Located about 40 miles north of Searcy in the rolling Ozark foothills near Batesville, this well-equipped camp area of 1,300 acres is owned by the university 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.

**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, 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 216,726 volumes, 1,512 current periodicals, 13 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 53,452 volumes of microform supplement the book collection, which is increased by approximately 6,000 volumes per year. In addition to printed material an extensive collection of recordings, consisting of more than 2,982 records in music, speech, and biology, is available for listening. Cassette players are also available with a collection of over 722 tapes for student use.

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 school 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 Handbook** may be consulted for detailed library policies and regulations.

CURRICULUM LABORATORY: Students preparing to teach in the elementary and secondary schools have access to a well-equipped curriculum laboratory located in the Bible Building. The laboratory contains general curriculum materials, such as textbooks which are used in the schools, and specialized curriculum materials in reading, language arts, and special education. Media materials and equipment are available for students to use in becoming familiar with the operation of such equipment and for preparing instructional materials which they may use in early teaching experiences in methods classes.

SCIENCE LABORATORIES: The 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 Science Building is equipped with a treadmill, bicycle ergometer, a lean-



body-mass tank, a physiograph, a Haldane apparatus, a 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.

**EDUCATIONAL MEDIA CENTER:** Located in the J. E. and L. E. Mabee Business Center completed in the summer of 1982, the Educational Media Center contains an assortment of audio-visual equipment to serve the instructional needs of the faculty, Xerox and mimeograph machines, and facilities for preparing various instructional materials.

**LANGUAGE LABORATORY:** The Modern Foreign Language Department, located in the recently renovated Ganus Building, includes a language-learning center used as an electronic classroom or a language laboratory. The 30-student station system is capable of transmitting six lesson sources simultaneously. The facility also includes individual language-learning machines, isolation listening booths, a departmental library and reading room.

**COMPUTER CENTER:** The Administration Building houses the central facilities of a DEC PDP 11/70 computer. Terminals in various buildings on campus enable these facilities to be used readily by administrative offices. A DEC VAX 11/50 is housed in the Mabee Business Center and is available for use by the faculty and students for educational purposes.

**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, weaving, 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 carrier current radio station,

KHCA and may participate in all aspects of radio work, from management and production to advertising and announcing.

The Benson Auditorium, with its excellent stage facilities, is an asset to both departments of music and speech. Lighting and sound equipment is versatile, and make-up studios, dressing rooms, and workshops for costumes and scenery are expertly designed. The Administration Building Auditorium and Little Theatre provide additional facilities for drama and music.

**PSYCHOLOGY CLINIC:** The department of psychology enjoys the benefits of a well-equipped clinic for both practical instruction and actual services. One of the features is a sound-proofed 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 education, business systems analysis, management, marketing, 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 Harding Press print shop.

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

The new Physical Education-Athletic Center provides three handball courts, a gymnastics area, indoor track, tennis courts, and weight room.

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 university. A variety of games is also available in the Game Room of the Student Center.

Outdoor facilities include the intercollegiate football field, the Jerry Moore intercollegiate baseball field, 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 eight concrete-surfaced tennis courts, which are lighted for night play.

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

**Special programs** in five areas serve to enrich the undergraduate program of the university. 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 Harding University in Florence Program

1982-1983 Harding University Catalog

demographic program in Florence, Italy, has been developed to utilize the unique opportunities afforded by study in Europe. The program is designed for sophomore, junior, and senior students in college. No attempt is made to provide a broad general curriculum but rather to offer such courses as may be studied with profit in a European setting. Serious involvement in classes combined with the daily experience of international living will furnish students with insights and perspectives which can be gained in no other way. Applications for the program will be accepted from students of Harding University and other institutions. Only students with a minimum grade point average of 2.50 on at least 27 semester hours will be considered. Anyone interested should contact the director, Dr. Don Shackelford, Harding University, Box 754, Searcy, AR 72143.

**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 university, 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 university, 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 Atlanta, Chicago, New Orleans, St. Louis, Dallas, Tulsa, Philadelphia, Williamsburg, and Washington, D.C.

**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 university 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 university'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 former missionaries who are now 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 Olree continued to receive grants for work in the area of physical fitness through 1978. The most recent projects were studies for the National Aeronautics and Space Administration concerning fitness for astronauts. Earlier projects were 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 Science Building laboratories and particularly the R. T. Clark Research Center provide excellent facilities for research by both faculty members and qualified students. The Harding research program was one of the last to be dropped by NASA when Congress reduced NASA's appropriations. The research staff cooperated in various ways with other colleges and universities in the area.

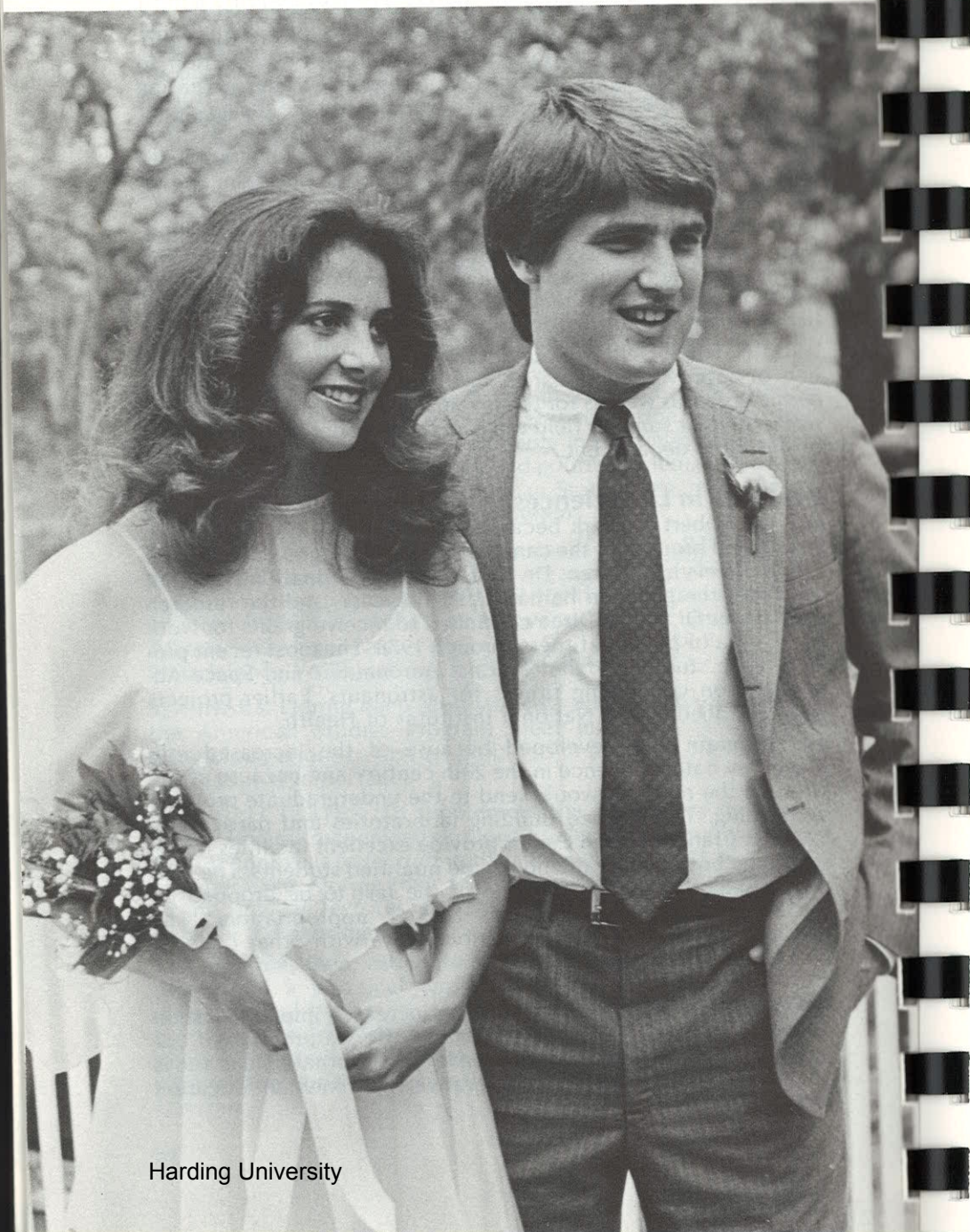
**Cooperative Education** is finding increased implementation in American higher education. Harding offers a program of Cooperative Education with both parallel and alternate plans and is a member of the Arkansas Co-operative/Experimental Education Association.



# Student Life

Religious Opportunities . . . Cultural Opportunities . . . Extracurricular Activities . . . Services of the University . . . General Regulations

and his development are of paramount importance in every activity and plan of the university. 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 university's charter specifies that daily chapel services be held, with attendance mandatory. Services last 35 minutes and always include a devotional period and announcements of general interest. The planned programs are designed to stimulate intellectual, religious, social, 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.

**TIMOTHY CLUB MEETING:** This is a traditional period of worship, study, and discussion on Monday evenings for Bible majors and other students who wish to attend. Attendance is required of all Bible, Biblical Languages, Missions, and Religious Education majors.

**J.O.Y. CLUB:** Emphasizing **J**esus first, **O**thers next, **Y**ourself last, this club permits young ladies to participate as Christians in special activities such as caring for the sick, visiting the elderly, babysitting, teaching Bible classes for children, and sponsoring ladies' lectureships.

**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 to various religious groups. Special emphasis is placed on the needs of Bible majors and preaching students.

**LECTURESHIP:** Harding's annual Lectureship is more than 50 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 produc-



tions 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 and senior music majors present recitals.

The school'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 3.75 or above on at least 80 semester hours. The society presents a medal at the May 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 Delta Mu (Social Work), Alpha Psi Omega (Drama), Delta Mu Delta (Business Administration), Iota Beta Sigma (Broadcasting), Kappa Delta Pi (Education), Kappa Pi (Art), Pi Gamma Psi (Accounting), Pi Kappa Delta (Forensics), Sigma Delta Psi (Athletics), Sigma Tau Delta (English), Phi Alpha Theta (History), Pi Sigma Alpha (Political Sciences), Psi Chi (Psychology), Public Relations Student Society of America, Sigma Theta Tau (Nursing), the Society for Collegiate Journalists, and the Society for Advancement of Management.

**Music organizations** on campus are:

**A CAPPELLA CHORUS:** This group of about 80 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.

**BELLES AND BEAUX:** Variety and musical entertainment is the province of this select group of about 15 chosen from the A Cappella Chorus and the Chorale. One of the chief goals is to provide entertainment for U.S. servicemen overseas. They have made seven foreign tours for the USO and the National Music Council since 1960, the last during February and March of 1976.

**CHAMBER SINGERS:** Chosen by audition from Chorale members, the Chamber Singers sing music which is especially appro-

priate for the small vocal ensemble, concentrating on compositions from the sixteenth and seventeenth centuries.

**CHORALE:** Membership in this chorus of about 80 is also selected by audition. This group makes one major tour and other short tours each year. Campus concerts also are given. The Chorale rehearses daily.

**COMMONWEALTH SINGERS:** Membership in this chorus is open to any student. The group rehearses two times a week. Campus concerts also are given.

**BEL CANTO:** This is a women's ensemble group.

**TROUBADOURS:** This is a men's ensemble group.

**ORCHESTRA:** Membership in the orchestra is selected by audition. Small ensemble groups are organized for special performances.

**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 and Stage Band.

**A TEMPO:** The A Tempo club is designed to give interested music majors and minors opportunities to learn more about their field. It is affiliated with the Music Educator's National Conference and the American Choral Director's Association.

**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 and received in 1982 the sweepstakes award in the Arkansas College Publications Association competition and an All-American rating from the Associated Collegiate Press. The yearbook, the **Petit Jean**, has been honored for twenty-two consecutive years with an All-American rating from the Associated Collegiate Press and received in 1982 the general excellence award in the Arkansas College Publications Association competition. The English Department sponsors annually a publication of creative writing by students.

**Speech and dramatics activities** on campus include the following:

**FORENSICS:** Intercollegiate debate teams participate in a number of major debate tournaments each year and have achieved an excellent record in state, regional, and national competition. Team members also participate in oratory, extemporaneous speaking, and public discussion.

**DRAMATICS:** Three major productions and several one-act plays are usually presented each year.

**READERS THEATRE:** The purpose of this activity is to promote effective group presentation of dramatic and non-dramatic literature.

**RADIO:** The campus carrier current AM radio station, KHCA, is operated by a staff of approximately 30 students.

**CAMPUS PLAYERS:** Membership is earned by participation in dramatic production and/or backstage work.



**Business and economics majors** are selected to participate in the Intercollegiate Business Games and the Free Enterprise Intercollegiate Competition, competing against major colleges and universities across the nation. Harding's Business Team has won the Michigan State University games three times and the Emory University games four times. Harding's Economics Team has won the Southwestern Free Enterprise Competition six of the last seven years and placed first in the National Students in Free Enterprise Intercollegiate Competition in the summers of 1980 and 1981. Harding's team will be competing again in the summer of 1982.

**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 university life

Circle K: for men; affiliated with Kiwanis International

**DEPARTMENTAL GROUPS:**

French Club (Le Cercle Francais): for students enrolled in French or who speak French

Spanish Club (Los Conquistadores): for students enrolled in Spanish or who speak Spanish

PEMM: for physical education majors and minors

The Guild: for art students

Campus Players: for students interested in dramatics

Barristers: for students interested in preparing for admission to law school

Behavioral Science Club: for students in sociology and social work, and other interested students

Science Club: for science students affiliated with the Arkansas Collegiate Academy of Science

Pre-med Club: for students interested in medicine and other health sciences

Nursing Club: for junior and senior students pursuing a degree in nursing

Nursing Honor Society: for recognition of nursing majors who achieve a high academic average

American Home Economics Association: for students in home economics

Student National Education Association: for students preparing to teach

**ATHLETIC GROUPS:**

Cheerleaders: seven elective positions and two freshman alternates

Flag Corps: performs with marching band at home football games

**POLITICAL GROUPS:**

Young Republicans, Young Democrats

**Athletics** at Harding involve nearly all students. An eight-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 80 per cent of the women students.

Harding is a member of the Arkansas Intercollegiate Conference and the National Association of Intercollegiate Athletics. Men's teams are fielded in football, baseball, basketball, track, cross-country, tennis, golf, and swimming. Women's teams are fielded in cross-country and softball. 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 university.

In the conduct of intercollegiate athletics, the university administration subscribes to the Athletic Policy of the Commission of Colleges and Universities of the North Central Association of Colleges and 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 grade point average.** Participation is limited to **four** years during the first **10** semesters of undergraduate enrollment.

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 the new Physical Education-Athletic Center, Rhodes Memorial Field House, an indoor swimming pool, gymnastics rooms, weight room, an eight-lane track, bowling lanes, tennis and handball courts, and two large intramural fields are used extensively throughout the year for recreational purposes.





**Social clubs** at Harding are part of a system that is usual compared to fraternity systems of most institutions. Every Harding student who desires membership in a club is assured of receiving an invitation, and the large number of groups (20 for men and 23 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, promote school spirit at athletic events, present chapel programs, and enjoy banquets, parties, outings, and interclub athletic, speech arts and Spring Sing competition.

**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 university. 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 university and specifically to the students.

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

**ACADEMIC ADVISING** 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 advisors. At the end of the sophomore year a student is advised by the dean of the school or the chairman of the department in his major field of interest.

**THE COUNSELING CENTER**, located in the Student Services Building, offers a variety of counseling services to Harding students and faculty. A staff of professionally-trained counselors is maintained to provide confidential assistance with educational, vocational, personal, marital, and social problems.

The objective of the Counseling Center is to help an individual achieve a realistic appraisal of his abilities, interest, values, and aptitudes. Increased self understanding is viewed as essential to developing the insights and skills necessary for mature, personally satisfying decision making. If tests are needed for self under-

standing, academic planning, or vocational selection, these are administered and interpreted at no cost.

All services are short-term, non-fee services which are independent of any medical, instructional, or disciplinary measures. Individuals requiring long-term services will be referred to appropriate sources of help.

**THE INSTITUTIONAL TESTING PROGRAM** which includes the tests required for freshmen, seniors, and graduate students, and the English proficiency examinations, 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 time 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 work at Harding in finding suitable positions. All graduating seniors must register with the Placement Office, and graduates may write back to the Placement Office at any time for help in securing new jobs. There is a charge of \$3 per set of credentials for every set requested after a graduate has left the university.

**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 university Health Center.
2. Since hospitalization is not included as a part of the university's own infirmary service, a student accident and sickness insurance plan is available to all full-time students at a cost of approximately \$135 per fiscal year for a **single** student under a student group plan, with higher rates for students having dependents. This covers hospitalization, surgical fees, and medical care as provided in the policy and includes intramural athletic activities.

Every student participating in intercollegiate athletics is covered on a separate policy for any athletically-related injury during participation, practice, and travel to-and-from an athletic event; however, this insurance **does not** cover any other injury or illness.

Health service does not cover the cost of drugs, extensive examination, 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 university does not assume financial responsibility for medical service arranged by the student. Financial responsibility of the university 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 University 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 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 University, 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 six times yearly as part of the monthly **Harding University Bulletin**, which is sent to all alumni in the active file. 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 class is honored, and the Black and Gold Banquet is featured. Additional periods of fellowship are planned in connection with the annual Lectureship and the spring Commencement. Alumni are encouraged to make an annual contribution to the Alumni Fund.

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. Five Outstanding Alumnus Awards are also made annually, the recipients being chosen by different divisions of the University.

**General regulations** concerning student conduct exist to further the aims of Harding University 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 university, and any person who is antagonistic to the spirit of Harding and who does not intend to support its policies should not enroll. The university aims to have its discipline firm,

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. A student who must be suspended **during** a semester for disciplinary reasons is subject to receiving a grade of "F" in all courses for that semester.

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 university believes that a knowledge of the Bible and an appreciation of its teaching 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.

Attendance is compulsory regardless of the grade being earned. Failure to attend regularly may result in suspension from the university. Approved absences must be turned in to the Bible Department office within one week from the date of absence. It is the student's responsibility to check the posted warning list each week. Five unexcused absences places a student on probation and a letter will be sent to his parents. Probationary status automatically forfeits the student's eligibility to represent the university in any activity. When a student accumulates six unexcused absences, he will appear before the committee on Bible class attendance.

**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 varied programs designed to facilitate the many objectives of the institution. **Each student is required to attend daily.**

Students with eight unexcused absences will receive a chapel warning card, and the parents will be notified. The card must be signed and returned to the Student Personnel Office. Failure to sign and return the card results in automatic suspension from the university. If a student accumulates 10 unexcused absences from chapel in a semester, the Student Personnel Office will automatically process a Drop Card. Three tardies will count as one absence. It is the student's responsibility to check the list each week to see if his name appears with the absences recorded and any correction must be made within one week.

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

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

**MORAL CONDUCT:** Harding considers the following to be detrimental to the student and/or university process and such behavior may subject the student to separation from the university. In some instances, automatic suspension from the university for at least one semester results.

**ALCOHOL AND DRUGS** — Use or possession of alcoholic beverages and/or illegal use or possession of narcotics, depres-



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

**SEXUAL IMMORALITY** — Sexual immorality will mean automatic suspension from Harding for at least one semester.

**LYING** — If a student willfully lies to the Student Personnel Deans or to the Student Affairs Committee, suspension from Harding will be automatic.

**STEALING** — Taking property that belongs to another is considered a serious offense.

**CHEATING** — All students are expected to be honest in word and in deed. Dishonesty in assignments or examinations, or assisting other 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 acknowledgment of others is an important value in the academic community.

**TOBACCO** — It is against the regulations for any Harding student to use tobacco in any form.

**OTHER ACTIVITIES** — The following are also considered detrimental to the objectives of the university:

Gambling, including attendance at any gambling event, such as horse races.

Academic misconduct, falsification, and dishonesty.

Forgery, failure to meet financial obligations in the community, and consistent writing of hot checks.

Arson or destruction, misuse, damage, or deliberate defacing or raiding of university property or facilities.

Unauthorized demonstration and disruptive mass gatherings or obstruction of school activities.

Unauthorized possession of keys, examinations, equipment, or supplies belonging to the university or its agent.

Unauthorized soliciting, advertising, selling, and distribution of materials.

Illegal and disruptive visits to other campuses.

Residence hall misconduct, or physical or mental abuse of other students.

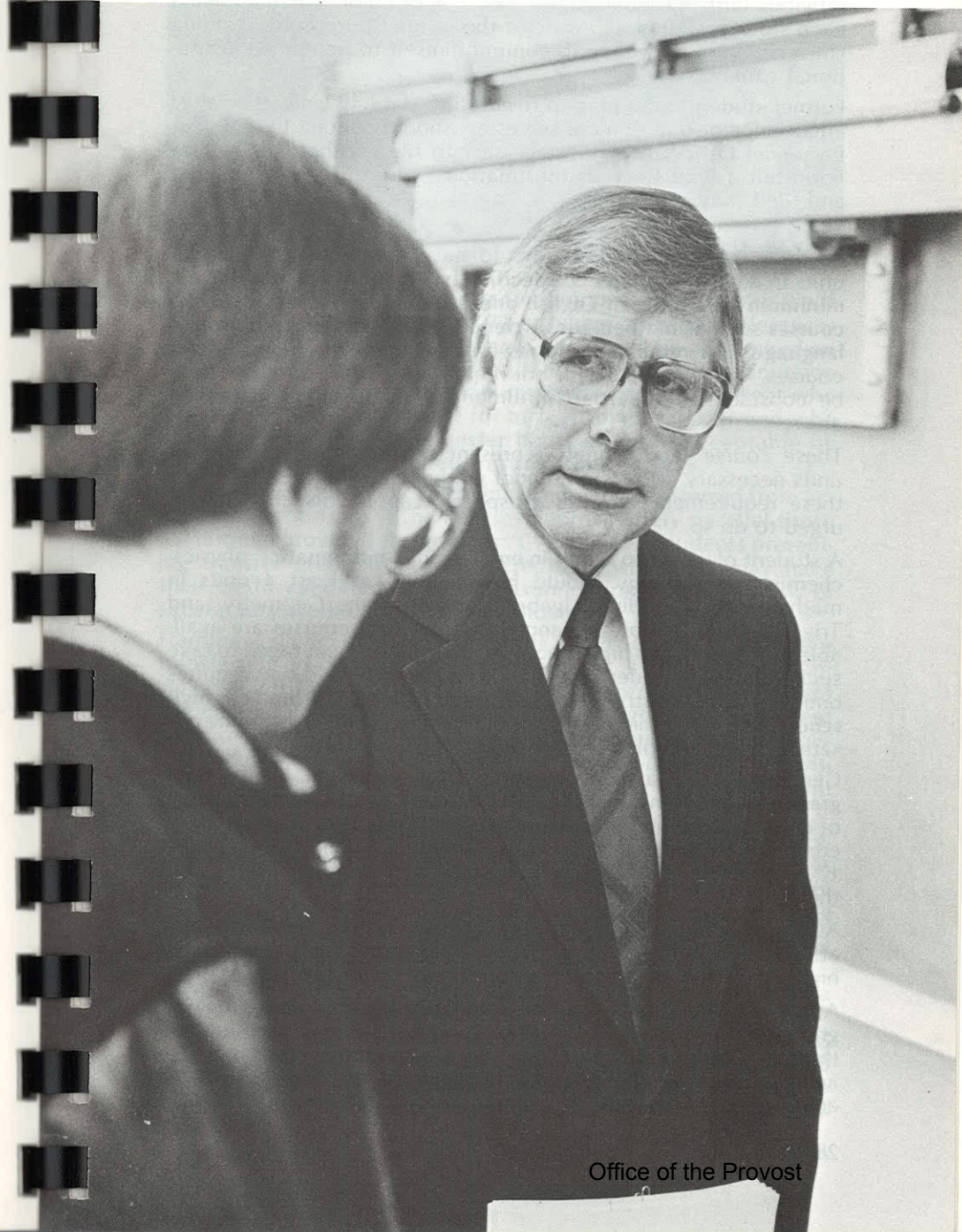
Failure to respond in a reasonable amount of time to an official notice from an administrative office of the university.

Any other conduct which is not consistent with the moral standards of a Christian institution, such as dancing, hazing, obscene literature and pictures, profanity, improper dress, stealing, etc.

**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 cancellation of financial aid.

**I.D. CARDS:** All students enrolled at Harding are issued an identification card to facilitate recognition, purchasing of meal tickets, admission to campus activities, checking books out of the library, and cashing checks on campus as well as in the area.

**NON-RESIDENT STUDENTS:** Local students are expected to observe Harding's regulations.





**Admission** to Harding University 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 University and be willing to commit himself to upholding institutional values.

Former students who plan to re-enroll in Harding University after an absence of one or more semesters should contact the Student Personnel Office. It is not necessary to file another Application Form but a brief Records Information Form must be completed and filed.

**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.

A student planning to major in engineering, mathematics, physics, chemistry or biology should have earned at least 4 units in mathematics, including Algebra I and II, Plane Geometry, and Trigonometry. If more advanced mathematics courses are available at the student's high school, he is strongly encouraged to take such courses. A student planning to major in a field that requires one year of chemistry is **strongly urged to take Algebra II in high school**; otherwise, he must postpone taking chemistry until he has satisfactorily completed Mathematics 105 in college.

Generally, a "C" average is required for admission. High school graduates and transfer students with fewer than 14 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 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 and their references are acceptable. Those with lower averages will be considered on an individual basis and **may** be granted probational admission during any semester or summer session. A transfer student who has been a full-time student for at least one semester and who has earned 14 or more semester hours of credit acceptable by Harding will not be required to 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 under the catalog in effect during his freshman year of college, subject to the time limitation specified on page 41.

**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. **After a student has earned 68 hours of credit, all additional credit that will be accepted in transfer toward satisfying graduation requirements must be com-**



pleted at an approved four-year college or university. 1982-1983 Harding University Catalog  
 for the student to check with the Vice President for Academic Affairs at Harding relative to the acceptability of the credit prior to enrolling as a transient student at another institution.

**Junior college students** who complete the A.A. or A.S. degree before transferring 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 .....	7
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. 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. If he has a GED (General Education Development) Certificate and meets the other admission requirements, he will be considered by the Admissions Committee. He should arrange to take the ACT test and have scores sent to Harding.

**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 Vice President for Academic Affairs 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 few 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 ac-

count. 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 University. Commuting students should file only the \$15 application fee.

Harding believes that students profit more from living on campus than from living in rented rooms or apartments off campus. Thus, single, undergraduate students are required to live on campus. Only the following exceptions may be made for off-campus housing:

1. The student must be 23 years of age, or older, or
2. A part-time student, or
3. A student who has a baccalaureate degree, or
4. A student who has requested to live with an approved family or relative in the same house, and there must be on file in the Student Personnel Office a letter of approval from this family and a letter of approval from the parents of the student, or
5. A veteran, 21 years of age or older, who has school approval.

However, final approval is dependent upon permission from one of the student personnel deans.

**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 Form can be obtained from the Director of Admissions. 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.

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

**REFERENCE FORMS:** Two reference forms will be sent upon receipt of the application. They are to be mailed or delivered to two persons who are qualified to evaluate the applicant.

**TRANSCRIPT(S):** Copies of academic credentials must be placed on file with Harding University. 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.** A student who makes early application should request a transcript be sent at the end of three years of high school. 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 14 semester hours of transferable 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 scores directly to Harding University.

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 University, Box 762, Searcy, AR 72143, (Phone: 501-268-6161, Ext. 407).

**Readmission Procedures.** A student who has previously attended Harding University and is returning after a lapse of one or more semesters does **not** have to make application through the Admissions Office. He must contact the Student Personnel Office for a Records Information Form. If he has attended another college/university in the interim, he must request the Registrar of that institution to send a transcript of the work to the Registrar at Harding.

**An Advanced Studies Program** is conducted each summer for outstanding high school students who have completed a junior year in high school. Such a student who has achieved a "B" average or better in 12 "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 completed 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 University, Box 1224, Searcy, AR 72143.

**An Academic Enrichment 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 emphasizing English and mathematics for beginning freshmen is offered by Harding University. For additional information, write Dr. James F. Carr, Jr., Director of the Summer Session, Harding University, Box 1224, Searcy, AR 72143.

**Tests are required** of all students and range from ACT test for admission to the Graduate Record Aptitude 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 University.

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 October and the last period in 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, IA 52240.

**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:** All seniors in the teacher education program must take the Commons Examination and the appropriate Teaching Area Examinations of the National Teacher Examination. By action of the Arkansas General Assembly, appropriate NTE scores must be submitted to the Arkansas Department of Education in each area for which certification is sought. During the summer of 1982, the Arkansas Department of Higher Education will set minimum scores that must be achieved on the various sections of the NTE in order for a student to obtain certification. An official transcript from Educational Testing Service is required of each student for the tests taken.

**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 at the beginning of any semester 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 Vice President for Academic Affairs to take some specific course; however, the credit earned does not count toward a degree. **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 Vice President for Academic Affairs.**

**Academic regulations** at Harding are as follows:

**CLASS AND CHAPEL ATTENDANCE:** Admission to the University 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 administration should find that the student does not intend to meet his responsibilities for attendance at classes and chapel, he will be asked to withdraw.** The Student



**Handbook** fully explains the attendance policy and each student is responsible for learning and following the regulations.

**CLASS CHANGES:** Any student changing a class will be charged a fee of \$5 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 and the Vice President for Academic Affairs.

**CLASS DROPS:** Any student dropping a class will be charged a fee of \$5 unless the change is required by the institution. Any class dropped without the official approval of the University 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 may be marked "WF" or "F" if the instructor thinks that circumstances warrant it. **No class may be dropped after the last day of regular class meetings of a given semester or summer session.** To drop a class a student must submit a properly-signed official drop card to the Registrar.

**LATE ENROLLMENT:** Students enrolling after the day set for registration are charged a late enrollment fee of \$16.50 for Thursday and Friday following regular registration, \$27.50 for Monday through Wednesday of the second week, and \$33 thereafter. The amount of course work to be carried is reduced according to the 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 and the Vice President for Academic Affairs.

**EXAMINATIONS:** A sufficient number of examinations, including a final, is 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 school nurse or family physician, participation in a university activity approved by the faculty-sponsor or other cause sanctioned by the Vice President for Student Affairs, the student will be permitted to make up regular examinations missed because of the clearly acceptable reason; however, **the exact procedure used by the teacher may vary** subject to the approval of the Vice President for Academic Affairs. A teacher is under no obligation to give a make-up examination because of an unexcused absence.

A final examination may be taken out of regular schedule **only** in emergency situations approved by the instructor and the Vice President for Academic Affairs, but **an examination fee of \$5** will be charged unless the emergency results from illness confirmed by the school nurse or family physician, more than three final examinations scheduled the same day, or approved official representation of the university. Except for physical education activities, laboratory sections of courses having a laboratory and

courses taken by certain seniors in a professional "block," **final examinations are not to be taken 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 **unless** the student meets federal requirements for exemption and files a written request with the Registrar that grades not be sent to parents or guardians. A report on unsatisfactory work may be sent at the same 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 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."

A grade of "I" is not considered a final grade since it must be removed according to the schedule outlined above. **In calculating semester grades, a grade of "I" is considered an "F" until it is removed.**

**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.**

**DEFINITION OF SEMESTER HOUR:** A semester hour of credit requires 15 hours of lecture, recitation, discussion, or equivalent, exclusive of the time devoted to final examinations. On the average, two hours of preparation should accompany each hour spent in lecture, etc. Two to four 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, WF and I, 0. 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 3.50, 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 administration.

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 academic 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 academic 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**. Actually, there is no difference in the effect of a grade of "WF" and a grade of "F."

In compliance with the Veterans Administration's minimum standards of progress, if a student receiving V.A. assistance is placed on academic probation and does not remove this probationary status by achieving for the semester a grade point average above the minimum semester level required for his classification, **he will be suspended from receiving V.A. education benefits for one semester** at the end of the semester he is on probation.

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 academic probation the second semester of

his freshman year and he failed to achieve a 1.50 average for the second 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 academic 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.

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 academic 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.

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 academic probation will be limited to not more than the normal load. **When a student is on academic probation, he is not eligible to represent the university 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 university includes a public performance or trip in behalf of the activity but does not include regular meetings of the activity.

The university 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 that 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 and 18 hours is the



absolute maximum load permitted a freshman. Student work for part of their expenses may be restricted in the amount of course work to be carried if, in the judgment of the appropriate academic 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 appropriate academic dean 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 of the School of Education may permit 18 hours when circumstances justify.**

**TRANSFER CREDIT:** In order for credit to transfer back to Harding 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 an approved junior college.** 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 an approved third-year program.**

**ADVANCED PLACEMENT CREDIT:** Harding 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 25 semester hours may be earned on the basis of scores achieved on the College-Level Examination Program (CLEP) General Examinations of Educational Testing Service, but no grade will be assigned and the CLEP General Examinations **must be taken no later than** the first test date following enrollment as a freshman at the University. Students are urged to take the CLEP General Examinations at least six weeks prior to the date of enrollment **OR** to take the tests administered on an institutional basis the first day of the semester prior to the day for academic advising of freshmen. **CLEP credit applies toward advancing the classification of a student.**

Credit may also be earned on certain CLEP Subject Examinations by achieving a score of 50 or higher. CLEP Subject Examinations may be taken at any test date during the student's undergraduate career **except** a student who has failed a course, either in regular

attendance or by examination, is not eligible to seek CLEP credit in that course. For additional information, any interested student should check with the Vice President for Academic Affairs.

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 Harding.

In addition to paying the fee charged by Educational Testing Service of \$22 for one test plus \$18 per each additional test for taking the CLEP examinations plus the \$3 administration fee per examination charged by Harding, the student, if he qualifies for credit, will pay an additional fee of \$10 for **each course** recorded for credit by the registrar.

Any refund for a course dropped because of CLEP credit will be processed in keeping with the cataloged policies for dropping a course.

The chart below outlines the basis for earning CLEP credit on the General Examinations.

CLEP General Exam	Minimum Score	Course Credit	Hours Credit
English Composition with essay	610	English 103	3
	630	Proficiency Requirement	0
Humanities			
Literature	50	*Literature of Western World	3
Fine Arts	50	*Fine Arts	2
Mathematics	500	Mathematics 101	3
	525	Mathematics 105	3
Natural Science			
Biology	50	Biology 111	3
Physical	50	*Physical Science	2
Social Science — History			
History	50	History 101	3
Social Science	50	*Social Science	3
MAXIMUM TOTAL HOURS			25

\*Specific course number will not be listed on the student's academic record, but the credit will count toward satisfying general education requirements in the respective area.

The English Composition test with essay is administered only twice a year — once in June and once in October. It is highly recommended that entering students complete the English Examination in June. Students may elect to take the College Composition with Essay Subject Examination to earn credit in English 103. The other CLEP General Examinations are administered monthly on the Thursday of the third week. In order to take a CLEP test, the student must submit to the Institutional Testing Office, at least one month in advance of the desired test date, a completed application form accompanied by checks for the appropriate fees.

Students may register for the examinations by obtaining CLEP application forms from their high school counselors or by writing to Dr. Thomas M. Howard, Director of Institutional Testing, Box 931, Harding University, Searcy, AR 72143. A CLEP Test Center booklet listing test centers and testing dates is available from CLEP Publication Orders, Box 2814, Princeton, NJ 08540.

**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 1982-1983 Harding University Catalog is charged a fee of \$10 per course for exemption tests.

**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 should be approved in advance by the Vice President for Academic Affairs 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.**

**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 Vice President for Academic Affairs.

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 \$10 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.

**VALIDATION TESTS:** A student who has taken courses of study in a non-collegiate program such as a hospital, business school, school of preaching, or vocational school may be permitted to validate college credit for such study through comprehensive examinations for comparable courses offered at Harding. The candidate is charged a fee of \$10 per course for the validation tests. **A grade of "C" or higher must be achieved to receive validation credit.** Upon successful completion of a validation test, the Registrar will record the credit without additional charge to the student, but no grade will be assigned. College credit earned by validating courses successfully completed in a non-collegiate program is not counted in the 32-hour maximum listed above.

**Degrees granted** by Harding University at its main campus in Searcy are the Associate of Arts (in secretarial science only), Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, Bachelor of Science, Bachelor of Science in Medical Technology, Bachelor of Science in Nursing, Bachelor of Social Work, and Master of Education. Cooperative programs for the Bachelor of Science in Medical Technology exist with six hospitals, located in Fort Smith, Little Rock, and Memphis, TN. See page 119. At the Harding Graduate School of Religion in Memphis, Tennessee, the degrees conferred are the Master of Arts, Master of Arts in Religion, Master of Theology, and Doctor of Ministry.

Requirements for the Master of Education degree are listed in the section on Graduate Studies in this catalog. A more complete description of this program is contained in the **Graduate Supplement** which may be obtained upon request from Dr. Wyatt Jones, Director of Graduate Studies.

Requirements for the graduate degrees offered at the Harding Graduate School of Religion are contained in the catalog of the Graduate School of Religion which may be had upon request from Dr. Bill Flatt, Registrar, 1000 Cherry Road, Memphis, TN 38117.

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

At least three weeks prior to the fall and spring commencements and at least two weeks 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 at least 128 semester hours of work, at least 32 of which must be in residence at Harding University. In addition, at least 24 of the last 32 hours required for graduation must be completed in residence at Harding, 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 Vice President for Academic Affairs.

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, TN, 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 im-



mediately preceding entry into the approved 1982-1983 Harding University Catalog. 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 to apply a professional program toward satisfying degree requirements at Harding should obtain a written statement of approval from the Vice President for Academic Affairs of Harding **prior** to beginning the professional program.

The candidate for a degree must have a minimum cumulative average of 2.00 in all work at Harding presented for graduation and also a minimum scholarship average of not less than 2.00 in all work in his major field taken at Harding. A transfer student must also have a minimum scholarship average of 2.00 in **all work** in his major field.

The candidate for a degree must also complete 45 hours in advanced-level courses. Courses at Harding 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 courses at a senior college or university.

Transfer students must complete at Harding at least 9 advanced level hours in their major field, **except for Bible majors**, who must complete at Harding a minimum of 10 upper-level hours in Bible.

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, register with the Placement Office, and, for a student who completes the teacher education program, take the National Teacher Examinations 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.

**The Undergraduate Curriculum is organized** by divisions 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 helped to build out present culture. History and social science present the effort 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. Any specific waivers or substitutions in the general education program for a given major are listed in the outline of that major in the later section of this Catalog entitled, **Courses of Instruction**.

The General Education courses are:

- 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 ..... 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 ..... 3
  - B. Health and recreation:  
\*\*\*\*\*Physical Education 101 and 2 additional hours elected from Physical Education 112, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 212, 214, 215, 221, 222, 225; Recreation 130, 131, 132; and, for physical education majors and minors, Physical Education 355, 356 .. 4
- IV. Understanding the Physical World:
  - A. The language of mathematics:  
#Mathematics 101 or a more advanced course ..... 3
  - 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, political, and social scene:  
###From Economics 201, Political Science 202, Political Science 205, and Sociology 203 ..... 6
- VI. Understanding Human Behavior:  
####Psychology 201 ..... 3

\*Students who transfer to Harding as juniors or seniors may satisfy the minimum graduation requirement in Bible of 8 hours **by taking upper-level textual courses that include both Old Testament and New Testament courses**. The following upper-level substitutes are approved.

For Bible 101: Bible 303, 305, 307, 308, or 402.

For Bible 112: Bible 311, 312, 313, 314, 315, 316, 318, 319, or 410.

For Bible 204: Two hours from Bible 303, 305, 307, 308, or 402 not taken to substitute for Bible 101.

For Bible 211, 212, or 213: Two hours from Bible 311, 312, 313, 314, 315, 316, 318, 319, or 410 not taken to substitute for Bible 112.

\*\* Entering freshmen who achieved a score of 17 or lower on the ACT English Test will be **required** to take English 102 **prior** to enrolling in



English 103. Students planning to certify to teach or to enter professional schools of medicine, engineering, etc., whose program, requires 6 hours of English Composition may satisfy the requirement with 102 and 103 as well as 103 and 104. Six hours of composition will be required of any student who receives a grade of "D" in English 103.

\*\*\* Majors in nursing may substitute English 251, 252, 271, or 272. Students certifying to teach English **should** take 251, 252, instead of 201, 202.

\*\*\*\* Biology 111 satisfied by Biology 151.

\*\*\*\*\* Please note the following health and recreation provisions.

1. **All prospective teachers must take Health Education 203** in addition to P.E. 101 and 1 additional hour in physical education activity courses. Elementary education majors must also take P.E. 330.

2. Students who transfer to Harding lacking fewer than 2 hours of physical education activity will not be required to take P.E. 101.

3. 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.

# 1. Mathematics 115 (a substitute for 101) **is required of all elementary and special education majors.** Except for those seeking secondary certification, students whose major **does not specify** Math. 105, 210, etc., may satisfy this general requirement by achieving a score of 26 or higher on the ACT Mathematics Test. **Any student certifying to teach must have 3 hours of mathematics credit.**

2. Students majoring in home economics, psychology, social work, and/or sociology should take Mathematics 105 in satisfying this requirement. Students majoring in business or a natural science should take Mathematics 105 **IF** they had only one year of high school algebra.

## Phys. Sci. 102 satisfied by Chemistry 114 or 121 or Physics 201 or 211.

### 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 general social science requirement for graduation. With the A.A. degree, 6 hours of American or European history satisfies the Hist. 101, 111 requirement.

2. **Students certifying to teach must elect Political Science 205 and Sociology 203.** Transfer students must be certain that they have History 101 or equivalent since 3 hours in an American history course are also required for certification.

3. Students certifying to teach Social Science must elect Economics 201 as well as Political Science 205 and Sociology 203.

4. Majors in nursing, social work and sociology should elect Sociology 203 for one of these courses in satisfying the general education requirements. Majors in nursing may substitute one course from Anthropology 250, 315, 320, 381, 401 and/or Sociology 301, 305, 345 in satisfying this requirement.

5. **Foreign students**, by Arkansas law, must include both History 101 and Political Science 205 in their degree plans.

#### In place of Psychology 201 all students preparing to teach should take Education 202 or 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 general course requirement if he can demonstrate by a proficiency test that he already possesses the knowledge to be sought in the course. Such exemption carries no semester hours of course credit. Any waiver or credit requirement of a general education course for a specific major is listed in the descriptive material discussing the requirements for that major.

**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.**

English 249 will be waived, however, for a student who:

- (1) Achieves a score of 630 or higher on the General CLEP English Test that combines the essay and objective part or,
- (2) Achieves a grade of "B" or higher in English 103 **at Harding University**, or
- (3) Achieves a grade of "C" or higher in English 281 **at Harding University**, or
- (4) Transfers a grade of "A" in a course equivalent to English 103, or
- (5) Passes a proficiency test in written English after reaching junior standing.

Any student who has not met one of the waivers before the beginning of the semester in which he anticipates that he will complete graduation requirements **is strongly advised** to enroll in English 249.

**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 upper-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 upper-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 Vice President for Academic Affairs and the chairman of the departments concerned. A student who is interested in exploring the possibility of such a major should contact the Vice President for Academic Affairs.

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 advisor. The prescribed courses for each major and minor field are listed with the offerings.

If a student desires to obtain two baccalaureate degrees, for example, a Bachelor of Arts degree with one major and a Bachelor of Science degree with another major, a minimum of 160 hours must be completed — 32 hours beyond the requirement for one baccalaureate degree — and the specific requirements of each major must be satisfied.

If a student desires to obtain a double major in a department which offers two or more majors having a large common core of course requirements, the student must complete from the area concerned a minimum of 18 hours beyond the number of hours



required for the major with the maximum number of 1982-1983 Harding University Catalog hours, in addition to completing the cataloged courses specifically listed for each major.

If a student desires a second Bachelor of Arts degree, a second Bachelor of Business Administration degree, or a second Bachelor of Science degree, a minimum of 160 hours must be completed — 32 hours beyond the minimum requirement for the first degree — and the specific requirements of each major must be satisfied.

**Undergraduate majors offered** at Harding University include:

**For the Associate of Arts degree:**

Secretarial Science

**For the Bachelor of Arts Degree**

Advertising	Mass Communications
Art	Mass Media
Bible	Mathematics
Biblical Languages	Mathematics Education
Biology	Missions
Dietary Technology	Music
Drama	Physical Education
Education, Elementary	Political Science
Education, Kindergarten	Psychology
Education, Secondary	Public Relations
Education, Special	Religious Education
English	Religious Music
Fashion Merchandising	Social Science
French	Sociology
General Science	Spanish
History	Speech
Home Economics (General)	Speech Therapy
Journalism	

**For the Bachelor of Business Administration degree:**

Accounting	Marketing
Business Education	Office Administration
Economics	Systems Analysis
Management	

**For the Bachelor of Fine Arts degree:**

Advertising Art	Painting
Ceramics	

**For the Bachelor of Music degree:**

Piano	Voice
Violin/Viola	

**For the Bachelor of Music Education degree:**

Music Education (Instrumental)  
Music Education (Vocal/Choral)

**For the Bachelor of Science degree:**

American Studies	Dietetics
Art	General Science
Bible	Home Economics
Biochemistry	(Vocational)
Biology	Mathematics
Chemistry	Physics
Computer Science	Public Administration

**Catalog Bachelor of Science in Medical Technology degree:**

Medical Technology  
(in cooperation with an affiliated/approved hospital)

**For the Bachelor of Science in Nursing degree:**

Nursing

**For the Bachelor of Social Work degree:**

Social Work

**Academic divisions** are organized as follows:

- I. COLLEGE OF ARTS AND SCIENCES
  1. Department of Art
  2. Department of Bible, Religion and Philosophy
  3. Department of Biological Science
  4. Department of English Language and Literature
  5. Department of History and Social Science
  6. Department of Home Economics
  7. Department of Journalism
  8. Department of Mathematics and Computer Science
  9. Department of Modern Foreign Languages
  10. Department of Music
  11. Department of Physical Ed., Health, and Rec.
  12. Department of Physical Science
  13. Department of Psychology
  14. Department of Sociology and Social Services
  15. Department of Speech
- II. SCHOOL OF BUSINESS
- III. SCHOOL OF EDUCATION
  1. Department of Education
  2. Graduate Program in Education
- IV. SCHOOL OF NURSING

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

**GENERAL EDUCATION PROGRAM**

Students who have not 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. Advisors will help to outline study programs to fit individual needs, but the following is a suggested schedule for the freshman and sophomore years.

In all of the schedules that follow **P.E. activity** courses must include P.E. 101 with two additional courses (one for those certifying to teach) elected from P.E. 112, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 212, 214, 215, 221, 222, 225; Rec. 130, 131, 132; and, for physical education majors and minors, P.E. 355, 356.

First Year	Semester Hours	Second Year	Semester Hours
*Art 101 .....	2	*Econ. 201; Pol. Sci. 202, 205;	
*Biology 111 .....	3	Soc. 203 (any two) .....	6
*English 103 (or 102-103) .....	3	*English 201, 202 .....	6
*History 101, 111 .....	6	*Math. 101 or elective .....	3
*Math. 101 or elective .....	3	P.E. activity .....	2
*Music 101 .....	2	Phy. Sci. 101, 102 .....	4
*P.E. 101 .....	2	Psychology 201 .....	3
*Speech 101 .....	3	Electives .....	6
*Bible 101, 112 .....	4	*From Bible 204, 211,	
		212, 213 .....	4
		<hr/>	<hr/>
		28	34



\*These courses should be completed as listed in the freshman or sophomore years. Elementary and special education majors **must** take Mathematics 115; however, business, home economics, nursing, psychology, science, and sociology majors should take Mathematics 105, 151, or a higher level course. 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 Test; however, any student who certifies to teach must have 3 hours **credit** in mathematics and specific mathematics courses are required in many majors.

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 business, dietetics, mathematics, the natural sciences, nursing, psychology, and vocational home economics 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 (Mathematics 210 for those in business) in lieu of 151, 152. Changes may be made in these programs by academic advisors, but changes in the junior and senior years should be made **only** after a careful check has been made of the degree program for remaining semesters.

For specific requirements a student seeking a professional degree is advised to consult with his pre-professional advisor the most recent catalog of the professional school which he wishes to attend. The advisors for the various pre-professional programs are listed on pages 197-198.

**PROGRAMS FOR COLLEGE OF ARTS AND SCIENCES 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 211, 260	6
Bible 101, 112	4	From Bible 204, 211, 212, 213	4
From English 102-103-104	6	Education 203	3
History 101, 111	6	English 201, 202	6
P.E. 101	2	Mathematics 101	3
Speech 101	3	P.E. activity	1
		Phy. Sci. 101, 102	4
	<hr/> 29		<hr/> 33

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 260	3
Bible 101, 112	4	Art 249, 250	6
English 102 or 103	3	From Bible 204, 211, 212, 213	4
History 101, 111	6	English 201, 202	6
Mathematics 101	3	P.E. activity	2
Speech 101	3	Phy. Sci. 101, 102	4
P.E. 101	2	Psychology 201	3
	<hr/> 30		<hr/> 34

The following 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 the freshman year for all Bible majors pursuing the B.S. degree.

Art 101	2	*If the student is exempt from English 102 and achieves a grade of "C" or higher in English 103, Journ. 310 may be elected later in lieu of English 104.
Bible 101, 112	4	**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 Hist. 101 and 111 and Math 101 in the freshman year. Majors in Missions may elect a modern foreign language in place of Greek.
*From English 102-103-104	6	
**Greek 101-102	8	
History 101 or 111	3	
Music 101	2	
P.E. 101	2	
Speech 101	3	
	<hr/> 30	

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	3	Bible 250	2
Mathematics 101	3	Bible 318	2
Phy. Sci. 101, 102	4	Bible 342	2
English 201, 202	6	Bible 444	2
History 101 or 111	3	Bible 410, Textual elective	5
Bible 220	4	Hist.-Doct. electives	3
Textual elective	3	Preaching electives	5
Pol. Sci. 202 or 205;		Church Life electives	6
Econ. 201; or Soc. 203	3	Pol. Sci. 202 or 205;	
Psychology 201	3	Econ. 201; or Soc. 203	3
	<hr/> 32	P. E. activity	2
			<hr/> 32

**Fourth Year**

Bible 402	3
Hist.-Doct. electives	5
Preaching electives	4
Church Life electives	6
Textual electives	3
History 430	3
Journalism 310	2
Speech 341 or Bible 320	3
Non-Bible electives	3
*Elective	2
	<hr/> 34

\*One hour of field work — Bible 327 or 337, or Missions 357 — is required.

**B. For the Bachelor of Arts degree in Bible:**

Second Year		Third Year	
Biology 111	3	Bible 250	2
Mathematics 101	3	Textual electives	7
Phy. Sci. 101, 102	4	Preaching electives	2
English 201, 202	6	Pol. Sci. 202 or 205;	
History 101 or 111	3	Econ. 201; or Soc. 203	3
Bible 220, Textual elective	7	P.E. activity	2
Pol. Sci. 202 or 205;		Minor and electives*	17
Econ. 201; or Soc. 203	3		
Psychology 201	3		<hr/> 33
	<hr/> 32		



**Fourth Year**

Textual electives	3
Church Life	6
Hist.-Doct. electives	6
Speech 341 or Bible 320	3
Minor and electives*	15
<hr/>	
	33

\*A maximum of 12 hours may be elected in Bible courses if the minimum 128 hours for graduation are completed. One hour of field work — Bible 327 or 337, or Missions 357 — is required.

**C. For the Bachelor of Arts degree in Missions:**

**Second Year**

Bible 220	4
Missions electives	3
Biology 111	3
Mathematics 101	3
Phy. Sci. 101, 102	4
English 201, 202	6
History 101 or 111	3
Pol. Sci. 202 or 205; Econ. 201; or Soc. 203	3
Psychology 201	3
<hr/>	
	32

**Third Year**

Bible 320 or Speech 341	3
Textual electives	8
Church Life electives	6
Hist.-Doct. electives	3
Bible 250, Missions electives	6
P.E. activity	2
Philosophy elective	3
Pol. Sci. 202 or 205; Econ. 201; or Soc. 203	3
<hr/>	
	34

**Fourth Year**

Anthropology elective	3
Textual electives	7
Hist.-Doct. electives	6
*Missions electives	6
Non-Bible electives	10
<hr/>	
	32

\*One hour of field work — Bible 327 or 337, or Missions 357 — is required.

**CHEMISTRY**

**BIOCHEMISTRY (B.S.):** The following program is outlined for a major in biochemistry, plus premedicine courses. For a B.S. in biochemistry only, Biology 251 and 263 and the MCAT may be omitted.

First Year	F.	Sp.	Second Year	F.	Sp.
Biol. 151, P.E. 101	4	2	Biol. 251, 263	4	4
Chem. 121, 122	4	4	Chem. 301, 302	4	4
Eng. 103, Hist. 101	3	3	Eng. 201, 202	3	3
Math 171, 201	5	5	Math. 251, Psy. 201	5	3
Phy. Sci. 101	2	2	P.E. activity		1
Bible 112, 101	2	2	From Bible 204, 211, 212, 213	2	2
<hr/>		<hr/>	<hr/>		<hr/>
	18	18		18	17

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Chem. 261, 262	4	4	Chem. 326, 327, 310	4	1
Chem. 324, 325	4	4	Chem. 411, 412	4	4
Physics 211, 212	4	4	German 105, 106	3	3
Art 101	2	2	Hist. 111	3	3
C. Sc. 211, Econ. 201	3	3	Music 101, Biol. 420	2	3
Speech 101, P.E. activity	3	1	Pol. Sci. 202, 205 or Soc. 203	3	
Bible	2	2	Bible, Phy. Sci. 410	2	2
Take MCAT		x			
<hr/>		<hr/>	<hr/>		<hr/>
	18	18		18	16

**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.	Second Year	F.	Sp.
Art 117, Math. 101	3	3	Art 101, Music 101	2	2
Eng. 102 or 103, Speech 101	3	3	Biol. 111, Psy. 201	3	3
Hist. 101, 111	3	3	Econ. 201, Pol. Sci. 202, 205; Soc. 203 (any two)	3	3
Home Ec. 102, 101	3	3	Eng. 201, 202	3	3
P.E. 101	2	2	Home Ec. 203, 201	3	3
Bible 112, 101	2	2	From Bible 204, 211, 212, 213	2	2
<hr/>		<hr/>	<hr/>		<hr/>
	14	16		16	16

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Home Ec. 214		2	Home Ec. 391, 402	3	3
Home Ec. 331	3		Home Ec. 405		3
Home Ec. 322 or 323; Home Ec. (elective)	3	3	Electives	12	9
P. E. activity	1	1	Bible	2	2
Phy. Sci. 101, 102	2	2	<hr/>		<hr/>
Electives	5	6		17	17
Bible	2	2	<hr/>		<hr/>
<hr/>		<hr/>		16	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 (Plan IV) for food service management and therapeutic and administrative dietetics.\*

First Year	F.	Sp.	Second Year	F.	Sp.
Art 101		2	Chem. 114, 115	4	4
Eng. 102 or 103, Math. 105	3	3	Econ. 201, Psy. 201	3	3
Hist. 101, 111	3	3	Eng. 201, 202	3	3
Home Ec. 102, Phy. Sci. 101	3	2	Home Ec. 201		3
Music 101	2	2	P.E. activity	1	1
P.E. 101	2	2	Pol. Sci. 202, 205 or Soc. 203	3	
Speech 101	3		From Bible 204, 211, 212, 213	2	2
Bible 112, 101	2	2	<hr/>		<hr/>
<hr/>		<hr/>		16	16

Third Year	F.	Sp.	Fourth Year	F.	Sp.
Mgt. 368, Elective	3	3	Anthro. 250	3	
C. Sc. 211		3	Biol. 271, 275	4	4
Chem. 271 or 301, 324	4	3	Home Ec. 391, 402	3	3
Educ. 307 or H.Ec. 433	3		Home Ec. 431 or 332		3
Home Ec. 331	3		Home Ec. 433 or Ed. 307	3	
Home Ec. 332 or 431		3	Home Ec. 435 or 436		3
Home Ec. 435 or 436	3		Elective	2	2
Bible	2	2	Bible	2	2
<hr/>		<hr/>	<hr/>		<hr/>
	15	17		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 above.

**FASHION MERCHANDISING (B.A.):** The following program is arranged for those students who desire to enter the field of fashion merchandising.



<b>First Year</b>	<b>F.</b>	<b>Sp.</b>	<b>Second Year</b>	<b>F.</b>	<b>Sp.</b>
Art 117, Math. 101	3	3	Art 101, Music 101	2	2
Eng. 102 or 103, Speech 101	3	3	Biol. 111, Elective	3	3
Hist. 101, 111	3	3	Econ. 201, 202	3	3
Home Ec. 101, 102	3	3	Eng. 201, 202	3	3
P.E. 101		2	Home Ec. 202, 201	3	3
Bible 112, 101	2	2	From Bible 204, 211, 212, 213	2	2
	14	16		16	16
<b>Third Year</b>	<b>F.</b>	<b>Sp.</b>	<b>Fourth Year</b>	<b>F.</b>	<b>Sp.</b>
Acct. 205, Psy. 201	3	3	Bus. 315, Mgt. 368	3	3
Home Ec. 203, 214	3	2	Home Ec. 305 or 303, 331	6	
Home Ec. 303 or 305	3		Home Ec. 391, 402	3	3
Home Ec. 322 or 323	3		Home Ec. 406, 412	3	2
P.E. activity	1	1	Mkt. 330		3
Phy. Sci. 101, 102	2	2	Elective (u-1)		3
Soc. 203		3	Bible (u-1)	2	2
Elective		3		17	16
Bible (u-1)	2	2			
	17	16			

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

<b>First Year</b>	<b>F.</b>	<b>Sp.</b>	<b>Second Year</b>	<b>F.</b>	<b>Sp.</b>
Art 117, Hist. 101	3	3	Chem. 114, 115	4	4
From Eng. 102-103-104	3	3	Eng. 201, 202	3	3
Home Ec. 101, 102	3	3	Home Ec. 203, 201	3	3
Math. 105, Speech 101	3	3	Home Ec. 251, Hist. 111	3	3
P.E. 101		2	Music 101		2
P.E. activity	1		From Bible 204, 211		
Bible 112, 101	2	2	212, 213	2	2
	15	16		15	17
<b>Third Year</b>	<b>F.</b>	<b>Sp.</b>	<b>Fourth Year</b>	<b>F.</b>	<b>Sp.</b>
Biol. 275	4		Educ. 320, 417, 451		11
Educ. 336		3	Educ. 424	3	
Home Ec. 202 or 303	3		Health Educ. 203	3	
Home Ec. 322, 323	3	3	Home Ec. 391 or 331	3	
Home Ec. 331 or 391	3		Educ. 307 or Home Ec. 402	3	
Home Ec. 402 or Educ. 307		3	Home Ec. 406	3	
Pol. Sci. 205		3	Home Ec. 405, 412		5
Soc. 203		3	Bible	2	
Bible	2	2		17	16
	15	17			

Deviations from General Education requirements for majors in vocational home economics: Biol. 275 is taken instead of 111; Home Ec. 322, 323 replace Educ. 203; and Chem. 114 replaces Phy. Sci. 102. Art 101 and Phy. Sci. 101 are waived.

Non-teaching majors for the Bachelor of Science degree in vocational home economics may omit the courses in education and Health Educ. 203 and choose electives instead but must include Art 101, Home Ec. 214, Phy. Sci. 101, Psy. 201 and one additional hour in P.E. activity.

**LIBRARY SCIENCE**

Although some undergraduate colleges offer courses in library science, Harding University does not since it is necessary for an individual to obtain the Master's degree in library science in order to qualify as a professional librarian. In recent years, several Harding graduates have entered a Master's program in library science upon completion of the baccalaureate degree in

of the majors available at Harding. The University recommends that any student wishing to prepare for a career as a librarian consider the following in planning his undergraduate program:

1. Develop a broad knowledge in the liberal arts by electing a number of humanities, science, and social science courses,
2. Select more than the required courses in literature,
3. Major in the discipline of your interest since subject specialists in many areas are needed, and,
4. Talk with the University librarian and request work in the library in order to obtain first-hand experience in the practice of librarianship.

Any student who plans to specialize in school library work should also take the professional education courses required for certification in the state in which he plans to work as a librarian.

**MUSIC EDUCATION (B.A.)**

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. Included in the program must be Health Education 203, Political Science 205, and Sociology 203. Music 116 or 403 and Education 426 and 461 must be included.

<b>First Year</b>	<b>Semester Hours</b>	<b>Second Year</b>	<b>Semester Hours</b>
Art 101	2	History 111	3
From English 102-103-104	6	English 201, 202	6
History 101, Biology 111	6	Math. 101, Speech 101	6
Music 111, 112	6	Music 251, 252	6
Music 113, 114	2	Music 253, 254	2
P.E. 101	2	Phy. Sci. 101 or 102	2
Piano 101, 102	2	Piano 201, 202	2
Voice 101, 102	2	Voice 201, 202	2
Bible 112, 101	4	From Bible 204, 211, 212, 213	4
	32		33

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

**PHYSICS (B.S.)**

The following program is recommended for the first two years of a physics major. It is further recommended that a physics major also complete a double major in mathematics. The program for the junior and senior years will be planned by the student's academic advisor.

<b>First Year</b>	<b>F.</b>	<b>Sp.</b>	<b>Second Year</b>	<b>F.</b>	<b>Sp.</b>
Art 101 or Music 101	2		English 201, 202	3	3
Chemistry 121, 122	4	4	History 101, 111	3	3
English 102 or 103	3		Math. 251, 252	5	3
*Math. 171, 201	5	5	P.E. activity	1	1
P.E. 101	2		Physics 211, 212	4	4
Speech 101		3	From Bible 204, 211,		
Bible 112, 101	2	2	212, 213	2	2
	16	16		18	16

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



**PREAGRICULTURE** (William F. Rushton, M.A. — Advisor) 1982-1983 Harding University Catalog

Students planning agriculture as a vocation or profession may take one year or in certain instances two years of pre-agriculture 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 151, 152 .....	8	Biology 271, 313 .....	7
Chem. 121, 122 .....	8	Chem. 271 or 301 .....	4
From English 102-103-104 .....	6	English 201, 202 .....	6
History 101 .....	3	Speech 101 .....	3
P.E. 101 .....	2	*Elective .....	9
Bible 112, 101 .....	4	From Bible 204, 211, 212, 213 .....	4
	31		33

\*Soc. 203 is recommended for transfer to the the University of Arkansas.

**PREARCHITECTURE** (Lambert Murray, Ph.D. — Advisor)

Architectural schools require a minimum of four years in residence at that school. If the program is a six-year schedule, then two years may be taken at Harding. If the program is a five-year schedule, only one year at Harding may be transferred to the professional school. For students who prefer two years at Harding, the following program is recommended. If only one year can be taken at Harding, the advisor will prepare an appropriate one-year program. Students transferring to the University of Arkansas must plan to take FNAR 1062 and ARCH 2113, 2316 **there** during the summer to be accepted into the School of Architecture.

First Year	Semester Hours	Second Year	Semester Hours
Art 103, 104 .....	6	C. Sc. 211, Econ. 201 .....	6
Art 221, 222 .....	4	History 101, 111 .....	6
From English 102-103-104 .....	6	Math. 251, 252 .....	8
Math. 171, 201 .....	10	Physics 211, 212 .....	8
P.E. 101 .....	2	From Bible 204, 211, 212, 213 .....	4
Bible 112, 101 .....	4		
	32		32

**PRECHIROPRACTIC** (Dr. Carroll W. Smith, Ph.D. — Advisor)

Two years of college work leading to a baccalaureate degree in the arts and sciences, including laboratory courses in biology and chemistry, and courses in English composition, psychology, and sociology is the preprofessional background for admission to most colleges of chiropractic. Each student planning a career in chiropractic should obtain prior to enrollment as a freshman the admissions requirements of the college of chiropractic he plans to attend so that his advisor can plan his program of study. The two-year schedule outlined below is suggested for the student who has adequate background in high school mathematics and science. It is strongly recommended, however, that a student take three years of preprofessional study at Harding, taking more liberal arts courses, spreading out the upper-level science courses, and obtaining a higher GPA. A student who completes a 96-hour prechiropractic program at Harding, including all general education and other requirements and 4 more hours of

level science or mathematics, can receive the B.S. degree in general science upon the successful completion of 2 years of chiropractic study at an accredited school.

First Year	F.	Sp.	Second Year	F.	Sp.
Chem. 121, 122 .....	4	4	Biol. 151, 152 .....	4	4
Math. 171, 201 .....	5	5	Chem. 301, 302 .....	4	4
From Eng. 102-103-104 .....	3	3	Physics 201, 202 .....	4	4
P.E. 101, Hist. 101 .....	2	3	Psy. 201, Soc. 203 .....	3	3
Bible 112, 101 .....	2	2	Bible 204, 211, 212, 213 .....	2	2
	16	17		17	17

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

Three years of college work are 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 3.30 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 the baccalaureate degree with a major in general science on students 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.	Second Year	F.	Sp.
Chem. 121, 122 .....	4	4	Art 101 or Music 101 .....		2
English 103-104 .....	3	3	Biology 151, 152 .....	4	4
History 101, 111 .....	3	3	Econ. 201, Speech 101 .....	3	3
*Math. 151, 152 .....	4	3	English 201, 202 .....	3	3
P.E. 101 .....		2	P.E. activity .....	1	1
Bible 112, 101 .....	2	2	Psy. 201, Phy. Sci. 101 .....	3	2
			From Bible 204, 211, 212, 213 .....	2	2
	16	17		16	17

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

Third Year	F.	Sp.
Biol. 275, Elective .....	4	3
Chem. 301, 302 .....	4	4
Music 101 or Art 101 .....	2	
Physics 201, 202 .....	4	4
Pol.Sci. 202, 205, or Soc. 203 .....		3
Bible .....	2	2
	16	16

**PRE-ENGINEERING** (Lambert Murray, Ph.D. — 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



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 by spending three years in liberal arts study and two years in an engineering school to receive his Bachelor's in engineering. Harding University 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 University the baccalaureate degree with a major in general science in addition to the engineering degree from his chosen college of engineering. Those wishing to follow the 3-2 plan should outline their programs with the help of the pre-engineering advisor.

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

First year	F.	Sp.	Second Year	F.	Sp.
Chem. 121, 122 .....	4	4	Art 221, 222 .....	2	2
From English 102-103-104 ...	3	3	*Econ. 201, 202 .....	3	3
History 101 .....		3	Math. 251, 252 .....	5	3
Math. 171, 201 .....	5	5	P.E. activity .....	1	1
P.E. 101 .....	2		Physics 211, 212 .....	4	4
Bible 112, 101 .....	2	2	From Bible 204, 211, 212, 213 .....	2	2
	<u>16</u>	<u>17</u>		<u>17</u>	<u>15</u>

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
	<u>17</u>	<u>16</u>

\*Chemical engineering majors should substitute Chem. 261 for Econ. 202.

### PRELAW (Raymond Lee Muncy, Ph.D. — Advisor)

A liberal arts education is considered the best prelegal preparation. Law schools generally do not require a specific undergraduate major. However, students are advised to elect a concentration in the social sciences (history, political science, psychology, or sociology) and to take as much work as possible in English composition and speech. The courses which require a high degree of written work and group discussion are also recommended. Students, upon entry into a law school, must have mastered expression, comprehension, fluidity of the English language and be thoroughly acquainted with American institutions, values and culture. **The Law School Admissions Test, required by most law schools, stresses creative thinking and writing ability.** The prelaw student at Harding is given broad latitude in his course selections to enable him to explore his potential in many areas.

### PREMEDICAL 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 affiliated, approved school of medical technology, and who meet the other requirements for graduation. Medical technology majors should read carefully pages 119-120 of this catalog.

First Year	F.	Sp.	Second Year	F.	Sp.
Chem. 121, 122 .....	4	4	Art 101, Music 101 .....	2	2
From English 102-103-104 ...	3	3	Biol. 151, 271 .....	4	4
History 101, 111 .....	3	3	Chem. 261, Psy. 201 .....	4	3
Math. 151 or 152 .....	3		English 201, 202 .....	3	3
P.E. 101 .....		2	P.E. activity .....	1	1
Speech 101 .....		3	From Bible 204, 211, 212, 213 .....	2	2
Bible 112, 101 .....	2	2		<u>16</u>	<u>15</u>
	<u>15</u>	<u>17</u>			
Third Year	F.	Sp.			
From Biology 275, 276, 311, 315, 410, 420, 421 .....	4	4			
*Chem. 271 or 301 .....	4				
Econ. 201 .....	3				
Phy. Sci. 101 .....		2			
**Elective Biol., Chem., C. Sc., or Physics .....	4	4			
Pol. Sci. 202, 205 or Soc. 203		3			
Bible .....	2	3			
	<u>17</u>	<u>16</u>			

\*Students planning to go to the University of Arkansas School of Medical Technology should take Chem. 301-302 instead of Chem. 271.

\*\*Courses strongly recommended: C. Sc. 211; Physics 201, 202; additional Biol. from courses listed above; Chem. 302 if 301 is elected; and Chem. 324, 325 if Biol. 421 is not elected.

### PREMEDICINE (Don England, Ph.D.; Michael V. Plummer, Ph.D. — Advisors)

Most schools of medicine require for admission a minimum of three years of college work with a grade average well above 3.00 and relatively high scores on the Medical College Admissions Test; however, preference is usually given to those holding the Bachelor's degree. Students who wish to complete the baccalaureate 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 two years in an approved school of medicine, and who meet the other requirements for graduation.

With only slight modification, the following courses will meet the requirements of any school of medicine in the United States. Students should consult the premedical advisor for specific re-



quirements of the various medical schools.

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First Year	F.	Sp.	Second Year	F.	Sp.
Biol. 151, 152	4	4	Hist. 111, Art 101	3	2
Chem. 121, 122	4	4	Biol. 251, 263	4	4
From Eng. 102-103-104	3	3	Eng. 201, 202	3	3
*Math. 171, 201	5	5	**Physics 201, 202	4	4
Bible 112, 101	2	2	P.E. 101	2	2
			From Bible 204, 211, 212, 213	2	2
	18	18		16	17

Third Year***	F.	Sp.	Fourth Year	F.	Sp.
Biol. 315, 420	3	4	****German 105, 106	3	3
Chem. 301, 302	4	4	Science elective	4	4
Phy. Sci. 101, Chem. 324	2	3	Science elec., Biol. 412	4	2
Econ. 201, Hist. 101	3	3	Pol. Sci. 202, 205 or Soc. 203	3	3
P.E. activity	1		Elective, Speech 101	3	3
Psy. 201, Music 101	3	2	P.E. activity	1	
Bible	2	2	Bible	2	2
	18	18		17	17

\*Students inadequately prepared for Math 171 or Chem. 121 must first take the prerequisite courses. C. Sc. 211 is highly recommended.

\*\*Chemistry majors will take Physics 211-212 in their junior year and will take Chem. 261 and Math. 251 as sophomores. Chem. 411 is highly recommended for general science and biology majors.

\*\*\*The Medical College Admissions Test (MCAT) should be taken in the spring semester of the junior year. The schedule outlined for the first three years will accommodate the heavy science emphasis on the MCAT. Application to medical school should be completed by the following September.

\*\*\*\*French 101-102 or Spanish 101-102 may be elected rather than German 105-106.

**PRENURSING** (Bryce Roberson, Ph.D.; George W. Woodruff, Ed.D. — Advisors)

The following program is outlined for the student who is planning to make application to the School of Nursing during the sophomore year or later for admission to the nursing program leading to the Bachelor of Science in Nursing degree. This program assumes that the student has adequate academic preparation from high school and is prepared to do better than average work on a normal load during the first two years of general education and preprofessional courses. It is assumed that the student will include in his high school program two years of algebra, one year of chemistry, and four years of English. A student who does not have this preparation should plan to attend one or more summer sessions, or a third year of preprofessional study in order to meet the requirements for admission to the nursing program. Since the mean ACT composite summary score achieved by entering Harding freshmen is approximately 21, a student can get some idea as to the adequacy of his preparation for college work by checking his composite ACT score. Satisfactory completion of the curriculum outlined below does not automatically admit the student to the nursing program, but formal application for admission to the program must be made to the

School of Nursing by March 1, prior to the fall semester that the student seeks admission, and an evaluation of the applicant must be submitted by the Prenursing Advisory Committee. These factors make it most important that prospective nursing majors go to the prenursing advisors for planning their preprofessional programs of classes. The following program is outlined for the benefit of students.

**Courses preceded by an asterisk (\*) and listed below in bold-face type, must be completed satisfactorily, grade of "C" or higher with a cumulative average of 2.50 or higher on these courses, before the student will be admitted to the nursing program as outlined on page 172.**

First Year	F.	Sp.	Second Year	F.	Sp.
*Chem. 114, 115	4	4	Art 101 or Music 101	2	
*Eng. 103#	3		*Biol. 271; *Nursing 201, 202	4	5
Eng. 201, 202, 251,			*Biol. 275, 276	4	4
252, 271, or 272	3		*Home Ec. 331, Speech 101	3	3
Hist. 101, 111	3	3	P.E. activity		1
*Math. 105## or 151	3		*Psy. 240, Soc. 203	3	3
P.E. 101		2	Bible 204, 211, 212 or 213	2	2
*Psy. 201		3			
Bible 112, 101	2	2		18	18
				15	17

# If a student achieved 17 or less on the ACT English Test, English 102 must be taken prior to taking 103.

## If a student has taken less than two years of algebra in high school, the student must take Math. 105 prior to enrolling in Chem. 114 and should enroll in Math. 105 during the summer session preceding the fall semester of the first year. Otherwise, the student will be required to postpone Chem. 114-115 until the following summer. If the student is an entering freshman, he must have achieved a minimum score of 14 on both the English and mathematics part of the ACT to take Chem. 114-115 during the freshman year.

**For Transfer Students**

**Summer School: \*Nursing 201, 202**

Other required courses will be available in summer school, but 14 hours, 7 hours each session, is the absolute maximum that can be earned. **It is strongly recommended that only Biol. 276, Nursing 201, 202, and Home Ec. 331 or Psy. 240 be left for the summer session.**

**PREOPTOMETRY** (Dean B. Priest, Ph.D. — Advisor)

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

First Year	F.	Sp.	Second Year	F.	Sp.
Biol. 151, 152	4	4	Chem. 121, 122	4	4
From English 102-103-104	3	3	English 201, 202	3	3
History 101, 111	3	3	Physics 201, 202	4	4
*Math. 151, 152	4	3	Psy. 201, Biol. 271	3	4
P.E. 101		2	Bible 204, 211, 212, 213	2	2
Bible 112, 101	2	2			
				16	17

\*Students inadequately prepared for Math. 151 or Chem. 121 must take the prerequisite courses.







\*If Eng. 102 must be taken because of weak background, Eng. 103 must be taken later.

\*\*Students not adequately prepared to take Math. 210 in the fall should take Math. 105 in the fall. If the student has had only one year of algebra in high school or his mathematical background is otherwise weak, Math. 105 must be taken before 210 is attempted. A grade of "B" in 105 is prerequisite to 210.

**BUSINESS EDUCATION (B.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 1):**

First Year		F.	Sp.	Second Year		F.	Sp.
Art 101 or Music 101	2			Acct. 205-206	3	3	
*Bus. 106-107	2	2		Bus. 102, 252	3	3	
Bus. 117	2			**Bus. 218, Mkt. 330	2	3	
From Eng. 102-103-104	3		3	Econ. 201-202	3	3	
Hist. 101, 111	3		3	***Math. 210, Educ. 203	4	3	
Soc. 203			3	From Bible 204, 211, 212, 213	2	2	
P.E. 101, Speech 101	2		3				
Bible 101, 112	2		2				
			<hr/>				<hr/>
	16		16				
Third Year		F.	Sp.	Fourth Year		F.	Sp.
Bus. 350, Biol. 111	3		3	Bus. 251, Educ. 421	3	3	
Bus. 315, Econ. 320	3		3	CIS 214, Educ. 451	3	6	
Bus. 343, Mgt. 368	3		3	Educ. 320		2	
Educ. 307, 336	3		3	Educ. 417		3	
Eng. 201 or 202	3			Pol. Sci. 205, Educ. 450	3	1	
Phy. Sci. 101			2	Health Educ. 203		3	
Bible	2		3	Bus. 435		2	
			<hr/>	Mgt. 430		3	
	17		17				
							<hr/>
							17 15

\*Business 106 may be omitted if previous training satisfies.  
 \*\*Prerequisite to Business 251 unless previous training satisfies.  
 \*\*\*Students not adequately prepared to take Math. 210 should take Math. 105 and plan to take Math. 210 the following summer session. A grade of "B" in 105 is prerequisite to 210.

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

First Year		F.	Sp.	Second Year		F.	Sp.
*Bus. 105-106	2		2	Acct. 205-206	3	3	
Bus. 117	2			Econ. 201-202	3	3	
From Eng. 102-103-104	3		3	Eng. 201, 202	3	3	
Hist. 101, 111	3		3	P.E. activity		1	
Art 101, Phy. Sci. 101			4	**Math. 210, Educ. 203, 205	2	4	
Biol. 111, P.E. 101	3		2	Music 101	2	2	
Bible 101, 112	2		2	From Bible 204, 211, 212, 213	2	2	
			<hr/>				<hr/>
	15		16				
Third Year		F.	Sp.	Fourth Year		F.	Sp.
Bus. 315, CIS 214	3		3	Bus. 343, Educ. 451	3	6	
Educ. 307, 336	3		3	Educ. 421		3	
Bus. 350, Econ. 320	3		3	Educ. 320		2	
Mkt. 330, Mgt. 368	3		3	Educ. 417		3	
Pol. Sci. 205, Speech 101	3		3	Health Educ. 203		3	
Bible	2		2	Soc. 203		3	
			<hr/>	Mgt. 430, Bus. elective		3	2
	17		17	Bus. 435		3	
							<hr/>
							15 16

\*Bus. 105 may be omitted if previous training satisfies.

\*\*Students not adequately prepared to take Math. 210 should take Math. 105 and take Math. 210 the following summer session. A grade of "B" in 105 is prerequisite to 210.

**SYSTEMS ANALYSIS (B.B.A.):** The following program is outlined for systems analysis majors.

First Year		F.	Sp.	Second Year		F.	Sp.
Eng. 102 or 103, Speech 101	3		3	Acct. 205-206	3	3	
Hist. 101, 111	3		3	CIS 220, 221	3	3	
***Math. 210, CIS 214	4		3	Econ. 201-202	3	3	
Music 101, Art 101	2		2	Eng. 201, 202	3	3	
P.E. 101, Phy. Sci. 101	2		2	P.E. activity		1	1
Bible 101, 112	2		2	Phy. Sci. 102	2	2	
			<hr/>	From Bible 204, 211, 212, 213	2	2	
							<hr/>
							17 15
Third Year		F.	Sp.	Fourth Year		F.	Sp.
Bus. 315, Mkt. 330	3		3	Bus. 350	3	3	
Bus. 343, Mgt. 368	3		3	CIS 329, 421	3	3	
Biol. 111, Bus. 255	3		3	Acct. 305, Mgt. 430	3	3	
CIS 271, 272	3		3	**Electives	5	8	
Psy. 201, Pol. Sci. 202, 205 or Soc. 203	3		3	Bus. 435, Bible	2	2	
Bible	2		2				<hr/>
			<hr/>				16 16
							17 17

\*Alternate-year courses.  
 \*\*9 hours of elective must be in the School of Business.  
 \*\*\*Students not adequately prepared to take Math. 210 should take Math. 105 and plan to take Math. 210 the following summer session. A grade of "B" in 105 is prerequisite to 210.

**ECONOMICS (B.B.A.):** The following program is outlined for economics majors.

First Year		F.	Sp.	Second Year		F.	Sp.
Eng. 102 or 103, Speech 101	3		3	Acct. 205-206	3	3	
Hist. 101, 111	3		3	Econ. 201-202	3	3	
**Math. 210, Biol. 111	4		3	Eng. 201, 202	3	3	
Music 101, Art 101	2		2	Phy. Sci. 102		2	
P.E. 101, Phy. Sci. 101	2		2	P.E. activity		1	
Bible 101, 112	2		2	Psy. 201, CIS 214	3	3	
			<hr/>	From Bible 204, 211, 212, 213	2	2	
							<hr/>
							16 15
Third Year		F.	Sp.	Fourth Year		F.	Sp.
Bus. 315, *Econ. 340	3		3	Bus. 343, Mgt. 333	3	3	
Econ. 310, *Econ. 311 or 420	3		3	Bus. 350, P.E. activity	3	1	
Mgt. 368, Mkt. 330	3		3	Mkt. 330, *Econ. 311 or 420	3	3	
Pol. Sci. 202 or 205	3		3	Mgt. 430		3	
***Electives, Acct. 360	3		6	***Electives	6	3	
Bible	2		2	Bus. 435, Bible	2	2	
			<hr/>				<hr/>
							17 15

\*Alternate-year courses.  
 \*\*Students not adequately prepared to take Math. 210 in the fall should take Math. 105 in the fall. If the student has had only one year of algebra in high school or his mathematical background is otherwise weak, Math. 105 should be taken. A grade of "B" in 105 is prerequisite to 210.  
 \*\*\*12 hours must be elected from the School of Business.



**MANAGEMENT (B.B.A.):** The following program is outlined for management majors. The first and second years are the same as for economic majors.

Third Year		Fourth Year	
F.	Sp.	F.	Sp.
Acct. 306, 360	3	3	3
Bus. 315, 316	3	3	3
Mgt. 332 or 333	3	3	3
Mgt. 368, Mkt. 330	3	3	3
Pol. Sci. 202 or 205, Bus. 255	3	3	3
*Electives	3	3	3
Bible	2	2	2
<hr/>		<hr/>	
	17		17

\*9 hours of electives must be in the School of Business.

**MARKETING (B.B.A.):** The following program is outlined for marketing majors. The first and second years are the same as for economics majors.

Third Year		Fourth Year	
F.	Sp.	F.	Sp.
Bus. 315, Acct. 360	3	3	3
Mgt. 368, Mkt. 330	3	3	3
Mkt. 335, 337	3	3	3
Pol. Sci. 202 or 205	3	3	3
*Electives	3	3	3
Bible	2	2	2
<hr/>		<hr/>	
	17		15

\*12 hours of electives must be in the School of Business.

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

First Year		Second Year	
F.	Sp.	F.	Sp.
Art 101 or Music 101	2	Acct. 205-206	3
Bus. 106, 107	2	2	3
Bus. 117, *Math. 210	2	4	3
Bus. 218	2	2	3
From Eng. 102-103-104	3	3	3
Hist. 101, 111	3	3	3
P.E. 101	2	3	3
Bible 112, 101	2	2	2
<hr/>		<hr/>	
	16		16

Third Year		Fourth Year	
F.	Sp.	F.	Sp.
Bus. 255, 350	3	3	3
Bus. 315	3	3	3
Econ. 201, 202	3	3	3
P.E. activity	1	1	3
Psy. 201, Biol. 111	3	3	3
Bus. 343, Elective	3	3	1
Bible	2	2	3
<hr/>		<hr/>	
	17		15

\*Students not adequately prepared to take Math. 210 should take Math. 105 and plan to take Math. 210 the following summer session. A grade of "B" in 105 is prerequisite to 210.

**SECRETARIAL SCIENCE:** Students interested in clerical, secretarial or office supervisory positions may elect one of the

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 One-Year Certificate Secretarial Science program or the Associate of Arts degree program outlined below.

One-Year Certificate Secretarial Science program: A **Certificate of Achievement** will be awarded to students who satisfactorily complete (2.00 minimum cumulative grade point) one of the programs outlined below.

A. Stenographic program for students with no prior training in secretarial science:

Fall	Semester Hours	Spring	Semester Hours
Business 101	3	Accounting 205	3
Business 105 or 106	2	Business 102	3
Business 117	2	Business 106 or 107	2
Business 218	2	Mathematics 101	3
English 102 or 103	3	Economics 201	3
Bible 112	2	Bible 101	2
<hr/>		<hr/>	
	14		16

B. Stenographic program for those with prior training in secretarial science:

Fall	Semester Hours	Spring	Semester Hours
*Business 102	3	Business 106 or 107	2
Business 105 or 106	2	Mathematics 101	3
Business 218	2	Business 117	2
Business 251	3	Business 252 or Accounting 205	3
English 102 or 103	3	Economics 201	3
Bible 112	2	Bible 101	2
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	15		15

\*If a student already has the background to take Bus. 252 in the spring he may take an elective in the place of Bus. 102 in the fall.

C. Clerical program for those with no training who prefer a general business course:

Fall	Semester Hours	Spring	Semester Hours
Accounting 205	3	Accounting 206	3
Business 105 or 106	2	Business 106 or 107	2
Economics 201	3	Mathematics 101	3
Business 117	2	Business 218	2
English 102 or 103	3	Speech 101	3
Bible 112	2	Bible 101	2
<hr/>		<hr/>	
	15		15

**Associate of Arts Degree Program in Secretarial Science**

First Year	F.	Sp.	Second Year	F.	Sp.
Acct. 205	3	3	Acct. 206 or Bus. 315 or 350	3	3
Biol. 111, Math. 101	3	3	Bus. 102, 252	3	3
Bus. 106, 107	2	2	Bus. 117	2	2
Bus. 218	2	2	CIS 214, Bus. 251	3	3
From Eng. 102-103-104	3	3	Econ. 201	3	3
Hist. 101	3	3	Psy. 201, Speech 101	3	3
P.E. 101	2	2	Elec. from Gen. Educ. req.	4	4
Bible 112, 101	2	2	From Bible 204, 211, 212, 213	2	2
<hr/>		<hr/>		<hr/>	
	15			17	17



PROGRAMS FOR SCHOOL OF EDUCATION 1982-1983 Harding University Catalog

**ELEMENTARY EDUCATION - Grades 1-6 (B.A.):** The following is the suggested program for elementary education majors Grades 1-6:

First Year		Second Year		Third Year		Fourth Year	
F.	Sp.	F.	Sp.	F.	Sp.	F.	Sp.
From Eng. 102-103-104	3 3	Geog. 212, Soc. 203	3 3	Speech 315, Biol. 308	3 3	Educ. 320, 401	2 2
Hist. 101, 111	3 3	Educ. 202, 204	3 2	Educ. 336, 307	3 3	Educ. 404, 402	3 2
Math. 115, Biol. 111	3 3	Eng. 201, 202	3 3	Econ. 315, Educ. 303	3 3	Educ. 403	2 2
Music 101, Art 101	2 2	Music 116, Art 211	3 3	Eng. 350, P.E. 330	3 3	Electives, Educ. 415	6 3
P.E. 101, Speech 101	2 3	P.E. activity	1 1	Math. 225, H. Ed. 203	3 3	Pol. Sci. 205, Educ. 441	3 6
Bible 112, 101	2 2	Phy. Sci. 101, 102	2 2	Bible	2 2	Bible	2 2
	15 16	Bible 204, 211, 212, 213	2 2		17 17		16 15
			16 16				

**ELEMENTARY EDUCATION - Grades K-6 (B.A.):** The following is the suggested program for elementary education majors certifying Grades K-6:

First Year		Second Year		Third Year		Fourth Year	
F.	Sp.	F.	Sp.	F.	Sp.	F.	Sp.
Same as first year of Elementary Education - Grades 1-6		Geog. 212, Eng. 350	3 3	Math. 225, Biol. 308	3 3	H. Ed. 203, Educ. 401	3 2
		Educ. 202, 204	3 2	Educ. 303, Econ. 315	3 3	Pol. Sci. 205, Educ. 402	3 2
		Eng. 201, 202	3 3	Educ. 336, 307	3 3	Educ. 404, 403	3 2
		Music 116, Art 211	3 3	Educ. 410, 411	3 3	Educ. *381, 415	3 3
		P.E. activity	1 1	P.E. 330, Speech 315	3 3	Soc. 203, Educ. 320	3 2
		Phy. Sci. 101, 102	2 2	Bible	2 2	Bible, Educ. 441	2 6
		Bible 204, 211, 212, 213	2 2		17 17		17 17
			16 16				

\*A student who does directed teaching in grades 1-3 will take 381 for 3 hours; a student who does directed teaching in grades 4-6 will need to take Educ. 383 for 6 hours.

**SECONDARY EDUCATION (B.A.):** 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		Second Year	
F.	Sp.	F.	Sp.
Art 101, Music 101	2 2	Educ. 203, 205; Pol. Sci. 205	4 3
From English 102-103-104	3 3	Eng. 201, 202	3 3
History 101, 111	3 3	Health Educ. 203	3 3
Math. 101, Biol. 111	3 3	Phy. Sci. 101, 102	2 2
P.E. 101	2 2	Soc. 203	3 3
Speech 101	2 3	Electives: Teaching fields	3 3
Bible 112, 101	2 2	Bible 204, 211, 212, or 213	2 2
	15 16		17 16

Third Year		Fourth Year	
F.	Sp.	F.	Sp.
Educ. 307, 336	6 6	The directed teaching block consists of the following courses: Education 320, 417, one course from 419-430**, 450, 451 or 461. 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.	
*Electives from Educ. 303, 325, 380, 382, 385, 400, 405, 406, 407, 408, 409, 412, 413, 414, 416, 419-430	3 3		
P.E. activity	1 1		
Electives:			
Two teaching fields	18 18		
Bible	5 5		
	33 33		

\*The above program is for education majors only. Those majoring in subject matter fields, except home economics, need only 24 hours including Educ. 203, 307, 320, 336, 417, one course from 419-430, 450, and 451 or 461. For home economics see the vocational home economics schedule.

\*\*Several of these courses are offered only in the spring semester, and students doing supervised teaching during the fall semester may need to schedule the appropriate methods course in the spring semester of the junior year.

**SPECIAL EDUCATION — LEARNING DISABILITIES (B.A.): (Being phased out. Not available to those beginning college in the fall of 1980 and thereafter. Will be discontinued after the summer of 1983.)** For those who are seniors majoring in special education with a learning disabilities interest, the following is the suggested program:

First Year		Second Year		Third Year		Fourth Year	
F.	Sp.	F.	Sp.	F.	Sp.	F.	Sp.
From Eng. 102-103-104	3 3	Art 211, Geog. 212	3 3	Biol. 308, Eng. 350	3 3	Educ. 320, 401 or 402	2 2
Hist. 101, 111	3 3	Educ. 203, 204	3 2	Educ. 303, Econ. 315	3 3	Educ. 404, 415	3 3
Math. 115, Biol. 111	3 3	Eng. 201, 202	3 3	Educ. 336, Psy. 400*	3 3	Educ. 408, 409	3 3
Music 101, Art 101	2 2	Music 116, Soc. 203	3 3	Math. 225, Health Ed. 203	3 3	P.E. 330, Educ. 475	3 6
P.E. 101, Speech 101	2 3	P.E. activity	1 1	Speech 250, Educ. 414**	3 3	Pol. Sci. 205, Educ. 403	3 2
Bible 112, 101	2 2	Phy. Sci. 101, 102	2 2	Bible	2 2	Bible	2 2
	15 16	Bible 204, 211, 212, 213	2 2		17 17		16 16
			16 16				

\*Beginning in the fall of 1983, Educ. 400 will replace Psy. 400.

\*\*In place of Educ. 414, Art 415 may be taken during the fall semester or Psy. 382 during the spring semester.

**SPECIAL EDUCATION — MENTAL RETARDATION (B.A.): (Being phased out. Not available to those beginning college in the fall of 1980 and thereafter. Will be discontinued after the summer of 1983.)**



1983.) For those who are seniors majoring in special education with a mental retardation emphasis, the following is the suggested program:

First Year		F.	Sp.	Second Year		F.	Sp.
From Eng. 102-103-104	3	3		Art 211, Geog. 212	3	3	
Hist. 101, 111	3	3		Educ. 203, 204	3	2	
Math. 115, Biol. 111	3	3		Eng. 201, 202	3	3	
Music 101, Art 101	2	2		Music 116, Soc. 203	3	3	
P.E. 101, Speech 101	2	3		P.E. activity		1	
Bible 112, 101	2	2		Phy. Sci. 101, 102	2	2	
	15	16		Bible 204, 211, 212, 213	2	2	
					16	16	

Third Year		F.	Sp.	Fourth Year		F.	Sp.
Educ. 303, 406	3	3		Educ. 401 or 402, P.E. 330	2	3	
Educ. 336, Psy. 400*	3	3		Educ. 403, Health Ed. 203	2	3	
Eng. 350, Educ. 404	3	3		Educ. 405, Pol. Sci. 205	3	3	
Math. 225, Educ. 320	3	2		Educ. 415, Biol. 308	3	3	
Speech 250, Educ. 414**	3	3		Educ. 471, Econ. 315	6	3	
Bible	2	2		Bible		2	
	17	16			16	17	

\*Beginning in the fall of 1983, Educ. 400 will replace Psy. 400.  
 \*\*In place of Educ. 414, Art 415 may be taken during the fall semester or Psy. 382 during the spring semester.

**SPECIAL EDUCATION — MILDLY HANDICAPPED (B.A.):** (This is the Special Education major open to students who are freshmen in the fall of 1980 and thereafter. This major will be implemented so that students who were freshmen in the fall of 1980 and thereafter can graduate on schedule and is the only special education major that Harding will offer after the summer of 1983. Students who are seniors should pursue one of the two Special Education majors outlined above.) For freshmen, sophomores, and juniors majoring in special education, the following is the suggested program:

First Year		F.	Sp.	Second Year		F.	Sp.
From Eng. 102-103-104	3	3		Educ. 202, 203	3	3	
Hist. 101, 111	3	3		Eng. 201, 202	3	3	
Math. 115, Biol. 111	3	3		Math. 225, Educ. 204	3	2	
Music 101, Art 101	2	2		Health Ed. 203, Soc. 203	3	3	
P.E. 101, Speech 101	2	3		P.E. activity		1	
Bible 112, 101	2	2		Phy. Sci. 101, 102	2	2	
	15	16		Bible 204, 211, 212, 213	2	2	
					16	16	

Third Year		F.	Sp.	Fourth Year		F.	Sp.
Educ. 303, 307	3	3		Educ. 407, 409	3	3	
Educ. 336, 320	3	2		Educ. 408, 401	3	2	
Educ. 404, 414	3	3		Eng. 350, Educ. 403	3	2	
Speech 250, P.E. 415	3	3		Educ. 415		3	
Pol. Sci. 205, Psy. 400*	3	3		Art 415 or Music 116 or P.E. 330 or Speech 315	6		
Bible	2	2		Bible, Educ. 475	2	6	
	17	16			17	16	

\*Beginning in the fall of 1983, Educ. 400 will replace Psy. 400.  
**GRADUATE CURRICULA (M.Ed.)** are available in the following major fields:

- A. Elementary Education
  - a. Elementary Instruction
  - b. Elementary School Administration
  - c. Reading Certification



- B. Secondary Education
  - a. Biblical Literature and Religion
  - b. Business Education
  - c. English and Humanities
  - d. Home Economics
  - e. Journalism
  - f. Natural Sciences and Mathematics
  - g. Physical Education
  - h. Social Sciences
  - i. Speech
- C. Special Education

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

- I. Professional Courses (21 hours)
  - A. Educ. 632, 645, 652
  - B. Four courses\* selected from Educ. 510, 511, 515, 520, 605, 621, 622, 624, 627, 629, 630, 631, 633, 637, 639, 643, 648, 650, 654, 658, 662, 663, and other approved courses
- II. Academic Area (9 hours)
- III. Biblical Literature and Religion (2 hours)
- IV. A minimum of 15 hours must be selected from courses numbered 600 or above.

\*Students seeking the elementary principal's certificate must schedule 654, 662, 663.

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

- I. Professional Courses (12 hours)
  - A. Educ. 632, 645, 652\*
  - B. One course selected from Educ. 503, 514, 516, 520, 605, 636, 637, 639, 643, 648, 650, 654, 658, 662, and other approved courses



- II. Fields of Academic Concentration (18 hours from more than two areas)
- III. Biblical Literature and Religion (2 hours)
- IV. A minimum of 15 hours must be selected from courses numbered 600 and above.

\*P.E. majors take P.E. 603 in place of Educ. 652 and select an additional elective from Section B.

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

- I. Professional and Academic Courses (30 hours)
  - A. Foundation Courses: Educ. 632, 645, 652
  - B. Other Professional and Academic Courses: To be chosen from Art 515; Educ. 605, 633, 650, 654, 664; P.E. 530; Psy. 500, 525, 538, 582; Speech 508, 515
- II. Biblical Literature and Religion (2 hours)
- III. A minimum of 15 hours must be selected from courses numbered 600 or above.

\*\*If not already completed in the undergraduate program, Speech 250 and Educ. 471 or 475 must be completed as undergraduate make-up courses.

**PROGRAM FOR SCHOOL OF NURSING**

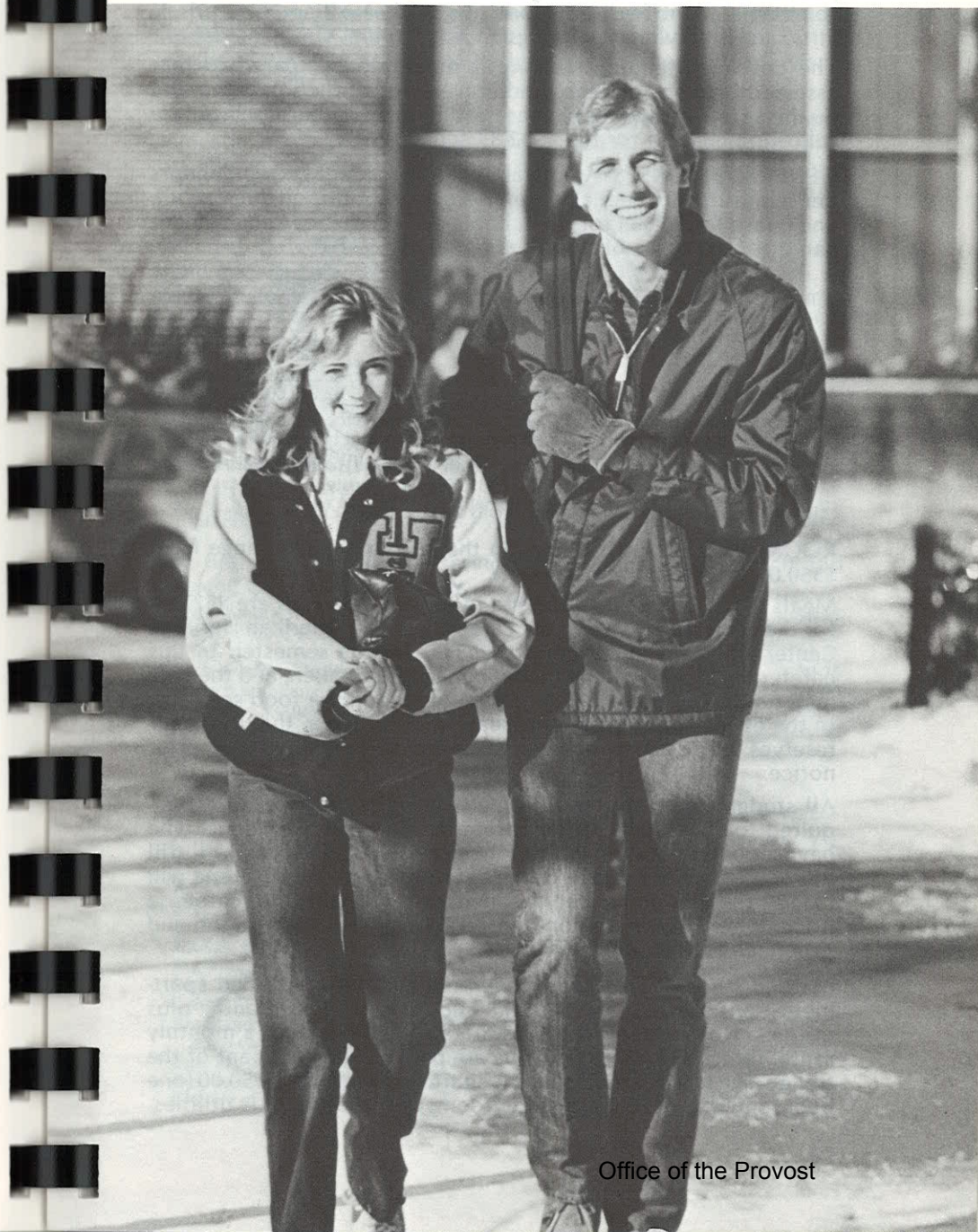
**NURSING (B.S.N.):** The following program is outlined for the third and fourth years of students seeking the Bachelor of Science in Nursing degree. Formal admission to the nursing program is required before a student can enroll in the third-year courses. A minimum cumulative grade point average of 2.00 on at least 64 hours, a minimum grade point average of 2.50 in the **required prenursing curriculum** (courses listed in **bold-face type** in prenursing curriculum), and successful completion of a basic mathematics tests are required for admission. All prerequisite courses must be completed with a minimum grade of "C." Progression of a student in the nursing major is contingent upon his achieving a grade of "C" or higher in each nursing course with the maintenance of an overall cumulative average of 2.50. See pages 58 and 59 for detailed listing of the requirements for admission.

Third Year	F.	Sp.	Fourth Year	F.	Sp.
*English elective.....	3		Nursing 401, 411 .....	4	4
Nursing 301, 311 .....	5	5	Nursing 404, 414 .....	2	2
Nursing 312 .....		3	Nursing 405, 415 .....	4	2
Nursing 303, 313 .....	2	2	Nursing 412, 421 .....	3	3
Nursing 304, 314 .....	2	2	Nursing 424, 434 .....	2	2
Nursing 305 .....	2		P.E. activity .....	1	
Nursing 324, 334 .....	2	2	Bible.....	2	2
**Soc. Sci. elective.....		3			
Bible.....	2	2		18	15
	18	19			

\*Course may be elected from Eng. 201, 202, 251, 252, 271 or 272. It is **strongly recommended** that this course be taken **during a summer session**.

\*\*Course may be elected from Anthro. 250, 320, 381, 401 or Soc. 301, 305, 345. It is **strongly recommended** that this course be taken **during a summer session**.

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





## What will college cost? 1982-1983

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 University, 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 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 1982-83 school year.

**GENERAL EXPENSES:** A typical boarding student taking 15 hours per semester can meet all regular expenses of tuition, fees, room, and board for \$4,585 for the school year. A non-boarding student can meet expenses of tuition and fees for \$2,831.

	Semester	Year
Tuition at \$88.50 per semester hour	\$1,327.50	\$2,655.00
Registration Fee (activities, health, etc.)	88.00	176.00
Meals (Pattie Cobb)	527.00	1,054.00
Room Rent	350.00	700.00
<b>Total Basic Cost for Typical Student</b>	<b>\$2,292.50</b>	<b>\$4,585.00</b>

\*Board will be a minimum \$575.00 per semester in the American Heritage Cafeteria. A student may elect a 20 per cent higher meal ticket in this cafeteria.

\*\*Rooms in Armstrong Hall, Pattie Cobb Hall, Cathcart Hall, Kendall Hall, and suite rooms in Graduate Hall will be \$350.00 per semester.

\*\*Rooms in air-conditioned residence halls will be \$400.00 per semester.

**ROOM AND BOARD:** Rooms in the residence halls range from \$350.00 to \$400.00 per semester.

Meals in the university cafeteria in Pattie Cobb Hall are \$527.00 for the semester. Board in the cafeteria in the American Heritage Center will be a minimum of \$575.00 for the semester. In this cafeteria a charge will be made for each item taken, and the cost may run higher than \$575.00 depending upon the food selected. In the event of any drastic increase in food costs, the university reserves the right to change the price of meals without prior notice.

All students who live in Harding University dormitories are required to eat in one of the cafeterias. Dormitory students who have a doctor's statement that they are on a special diet will still be required to eat in one of the cafeterias, but the cafeteria will furnish the diet prescribed by the doctor at the regular cafeteria price. Meal tickets are non-transferable in both Pattie Cobb and American Heritage Cafeterias.

Married students may rent modern, completely furnished apartments on campus for \$105.00 and \$112.50 per month, plus utilities. House trailer locations are also available for a monthly rental fee of \$35.00. Utility bills are paid by the occupant of the trailer. The new married student apartments rent for \$150.00 (one bedroom) and \$170.00 (two bedrooms) per month, plus utilities.

A reservation fee of \$25.00 is required to reserve a room, 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 Education, see the Graduate Catalog. The same facilities for room and board are available for graduate students as for undergraduates at the same rate. Expenses for graduate students in Bible and religion can be found in the Bulletin of the Harding Graduate School of Religion, 1000 Cherry Road, Memphis, Tenn. 38117.

**REGULAR TUITION AND FEES:** Regular tuition is \$88.50 per semester hour. The registration fee is \$88.00 per semester. This fee covers such things as matriculation, library, infirmary, year-book (one-half the price per semester), student newspaper, year-book portrait, lyceum series, and athletic events.

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

	Semester	Year
Two private lessons per week	\$154.00	\$308.00
One private lesson per week	88.00	176.00
Class instruction in voice and piano	38.50	77.00
Piano rental, one hour per day	22.00	44.00
Piano rental, two hours per day	33.00	66.00
Voice 105, 106 fee for music majors/minors (includes practice fee)	82.50	165.00
Voice 105, 106 fee for general students (includes practice fee)	71.50	143.00

The fee scale for clinical services provided by the Speech and Hearing Clinic are as follows:

Sixty minute session, once a week	\$8.25
Thirty minute session, twice a week	8.25
Thirty minute session, three times a week	12.25
Forty-five minute session, twice a week	12.25
Speech and Language evaluation (articulation, language, etc.)	16.50
Language evaluation (I.T.P.A., Aphasia, or P.I.A.T., etc.)	16.50
Hearing evaluation	Charge based on individual service

### OTHER SPECIAL FEES:

ACT Test fee	\$ 7.50	
Advanced Placement Credit (per course)	10.00	
Air-Conditioner in room (student's own A-C)	45.00	per sem.
	(50.00 for summer)	
Art 205, 260 fees	5.50	each
Art 211 fee	10.00	
Art 212 fee	16.50	
Art 235, 255, 335, 355, 400 fees	27.50	each
Art 340, 345, 365, 401 fees	22.00	each
Art 475, 675 fees	Above-listed fee applies	
Automobile registration fee	12.50	
Biol. 152, 252, 308, 311, 313, 343, 347, 352, 416, 508		
516, 543, 547, 552 fees	5.50	each
Breakage deposits in chemistry and physics		
each course (returnable less breakage)	30.00	
Bus. 101, 102, 252 fees	5.50	each
Bus. 105, 106, 107, 117, 218 fees	13.75	each
Change of class fee, each change	5.00	



CIS 214, 220, 221, 271, 272, 329, 421 fees	\$ 33.00	
CLEP credit (per course)	10.00	
CLEP test registration fee (per test)	20.00	
C. Sc. 211, 215, 218, 261, 325, 327, 328, 335, 425 fees	33.00	each
Deferred payment fee	6.00	
Driver instruction, no credit, affiliated with Health Educ. 312/512 in spring	82.50	
Education 204, 205 fees	10.00	each
Education 320, 403, 419-421, 423-430, 520 fees	11.00	each
Education 383, 441, 451, 461, 471, 475 fees	35.00	each
Education 381, 481 fees	17.50	each
Graduation fee (required of all graduates whether attending graduation exercise or not)	40.00	
Graduation fee (for second undergraduate degree)	40.00	
GRE Advanced Test fee	22.00	
Harding University in Florence, Italy (Subject to change with international air tariff and value of dollar.)	4,395.00	per sem.
Health Education 311, 312, 511, 512 fees	11.00	each
History 251 fee	25.00	
Journalism 304, 305 fees	20.00	each
Key deposit	5.00	
Late Registration		
On Thursday and Friday after cataloged date	16.50	
On the following Monday, Tuesday or Wednesday	27.50	
After Wednesday of second week	33.00	
Make-up final examination — each	5.00	
Make-up Freshman Test		
First make-up	2.50	
Second make-up	5.00	
Management 430	16.50	
Music 211, 212 (instrument rental)	16.50	each
National Teachers Examination Test fee	49.00	
Nursing Department fees (special)	See page 173	
Nursing 201, 305, 312, 405, 415 fees	35.00	each
Nursing 301, 411 test fee	18.50	each
Nursing 304, 314, 324, 334, 404, 414, 424, 434 fees	50.00	each
Nursing malpractice insurance (subject to change)	21.60	
Permit for credit by examination — plus regular tuition if credit earned	10.00	per course
Permit for exemption tests	10.00	per course
Permit for validation tests	10.00	per course
Physical Education 212, 214 fees	2.50	each
Physical Education 120, 330, 356, 530 fees	3.50	each
Physical Education 124 fee	16.00	
Physical Education 225 fee	30.00	
Physical Education 355 fee	7.00	
Physical Education 402, 502 fees	4.50	each
Placement Office credentials for alumni	3.00	each set
P.O. Box rent	7.50	
Psychology 315, 400, 500 fees	11.00	each
Recreation 130 fee	22.00	
Recreation 265 fee	8.00	
Speech 420 fee	35.00	
Trailer connection fee	15.00	
Transcript of academic record	2.00	
Rush order of transcript	2.00	extra
Transcript of National Test Scores (after first copy)	1.00	
Tuition for auditing class	44.25	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 hours per semester may enroll as part-time students and **pay only \$95.00 per semester hour rather than** the regular tuition and registration fee.

Students 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 \$6.00 each semester is made for those students who wish to pay their bills by installment.

A payment of \$750.00 each semester must be made by all boarding students and \$600.00 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: September 20	Second Semester: February 5
October 20	March 5
November 20	April 5

A 9% per annum service charge will be added to past due accounts.

**Books and supplies must be paid for at time of purchase.**

**REFUNDS:** Since the operating costs of a university 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 a 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 because of late enrollment, while the student is enrolled, or until the student has officially checked out of the dormitory. 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 applica-



tion is not completed within thirty days after with-  
deposit will be forfeited. Accounts must be cleared for a cash re-  
fund.

**GENERAL POLICIES:** No diploma, certificate, transcript, semester grade report, or a letter of recommendation will be granted to students who have failed to take care of any indebtedness to the university. 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 Harding, students may be suspended for non-payment of their indebtedness. Students who have not cleared all financial obligations to the university will not receive grades or credits.

All compensation due students employed by Harding, except work performed under the university Work-Study Program, will be applied on charges for tuition, fees, room, or board, if such students are indebted to the university 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 University. 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 bedspread, 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.

Regular summer session is divided into two 5-week terms of 5 days per week. A student may carry a maximum of 14 hours for the regular summer session — not more than 7 hours either term. An additional 4 hours may be earned during the intersession that precedes the regular summer session. Expenses based on 6 hours each term are as follows:

**For 1983 SUMMER SESSION**

	<b>For 5 weeks</b>	<b>For 10 Weeks</b>
Tuition (\$88.50 per semester hour)	\$531.00	\$1,062.00
Registration fee	24.00	48.00
Rooms (double occupancy)	120.00	240.00
(single occupancy)	140.00	280.00
Board	181.00	362.00
<b>TOTAL (for double occupancy)</b>	<b>\$856.00</b>	<b>\$1,712.00</b>

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.

Harding will also offer a limited number of courses in a 2½-week intersession, May 16-June 1, between the spring semester commencement and the beginning of the summer session. A maximum of 4 semester hours credit may be earned. If interested, write Dr. James F. Carr, Jr., Director of the Summer Session, Harding University, Box 1224, Searcy, AR 72143, for a copy of the **Summer School Bulletin**.

Harding is planning to have summer programs in Florence, Italy. If interested, write Dr. Don Shackelford, Harding University, Box 754, Searcy, AR 72143.

**Financial aid** is available to the Harding student from at least four sources. One or a combination of these may be the answer to a 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. To qualify for a Pell Grant, Veterans' Benefits, and certain other financial assistance, a student must be enrolled for at least 12 hours each semester. Before enrolling for fewer than 12 hours, a student receiving financial assistance should check with the Financial Aid Office to find out the effect it will have on his plans for financial assistance.

**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 Acts of 1966. A veteran must be certified for eligibility by his local VA office, and must contact the appropriate representative in the Financial Aid Office at Harding.

**Disabled:** Those entering under Public Law 16 for disabled veterans should apply to their state Veterans Administration headquarters for counseling and approval, and then contact the Financial Aid Office.



## Scholarships of various types are available to students.

**ACADEMIC:** A student with a good academic background can earn as much as \$1,800 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 \$1,800 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 \$1,400 scholarship. Both the \$1,800 and \$1,400 grants are prorated over four years of 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 \$1,400 scholarship if their ACT composite score is below 25.

Valedictorians and salutatorians who score 25 or higher on the ACT qualify for a \$1,800 scholarship. A letter from the high school principal or counselor confirming valedictorian or salutatorian status must be sent to the Admissions Office.

A student must be enrolled as a full-time student each semester that he receives an academic scholarship stipend.

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 \$175 to \$225 per semester. A college grade point average of 3.20 is required for the \$175 scholarship. The \$225 scholarship 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. **CLEP credit will count toward determining the classification. For those beginning freshmen who decide to take the CLEP test and who receive credit for 15 or more hours, the required grade point average at the end of the first year will be 3.00, the sophomore requirement, instead of the 2.75 for freshmen.**

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

**LEADERSHIP:** A high school senior who has an ACT composite score of 20 to 24, a grade point average of 2.50 or higher, the recommendation of his/her high school counselor or principal, and who has evidenced leadership in student government, school club work, music, athletics, church activities, etc., may qualify for a leadership scholarship of \$250 per year (\$125 per semester). To retain the scholarship, a student must maintain a 2.50 grade average annually. The Admissions Office will administer the program and make the awards.

**ATHLETIC:** Grants-in-aid are available only in football and basketball, according to rules of the Arkansas Intercollegiate Conference. The maximum grant-in-aid covers room, board, tuition, and registration 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 20 hours a week and earn more than \$1,000 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 government, and the Harding program. To qualify for either program, students must present evidence on proper application forms showing the need for aid.

Applications for work and the ACT Family Financial Statement are available from the Financial Aid Office.



**Loans** available to students include ones provided by friends of the university (see listing) 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 through the National Direct Student Loan Program.

Repayment begins six months after the student leaves school and continues for no more than ten years at an interest rate of 5 per cent per year.



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**GUARANTEED STUDENT LOAN:** The Guaranteed Student Loan Program makes loans 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 other private lending agency.

Students may borrow through this program at an interest rate of 9 per cent. Repayment need not begin until a student graduates or ceases taking at least a half-time load of study. The government pays the interest while the student is in school. Some states have deadline dates for loan applications. This loan is available to both graduate and undergraduate students. If local lending institutions are unwilling to make student loans, other sources are available. Contact the Financial Aid Office for information.

**NURSING STUDENT LOAN:** This loan program is to assist students to pursue a course of study leading to a degree in nursing. Students may cancel up to 85 per cent of their loan by working as a Registered Nurse in a shortage area. For further information contact the Financial Aid Office.

**Government grants** are available to many students who demonstrate need.

**SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS:** Grants are available to undergraduate students with exceptional needs.

**PELL GRANTS:** All undergraduate students are eligible to apply for a Pell grant. Applications can be obtained from the Financial Aid Office or from high school counselors.

**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 education 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 at Harding so he may give any assistance necessary.

**Application for aid** should be made as follows:

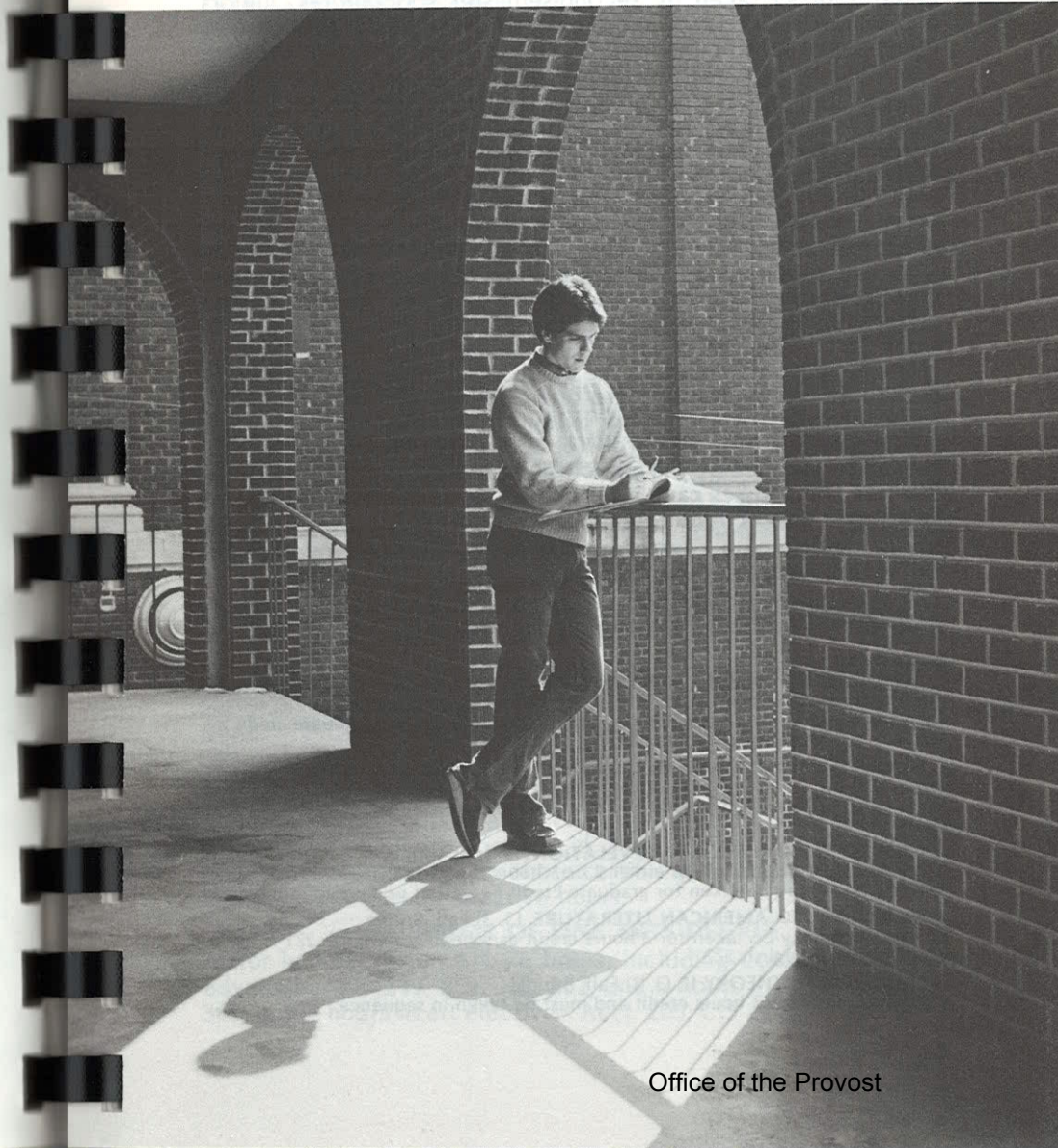
1. Apply for admission. Application forms are available from the Director of Admissions.
2. Request application forms for aid and then submit them. Feel free to correspond with the Director of Financial Aid. Make sure the university understands your circumstances and needs.
3. Complete an ACT Family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

## Courses of Instruction

**COLLEGE OF ARTS AND SCIENCES:** Art . . . Bible, Religion, and Philosophy . . . Biological Science . . . Cooperative Education . . . English Language and Literature . . . General Science . . . History and Social Science . . . Home Economics . . . HUF Program . . . Journalism . . . Mathematics and Computer Science . . . Medical Technology . . . Modern Foreign Languages . . . Music . . . Physical Education, Health, and Recreation . . . Physical Science . . . Psychology . . . Sociology and Social Services . . . Speech . . . . .

**SCHOOL OF BUSINESS . . . . . SCHOOL OF EDUCATION:**  
Undergraduate Program . . . Master of Education Program . . . . .

**SCHOOL OF NURSING**





**Courses of instruction** are listed on the following pages. Courses will be offered as catalogued if enrollments justify. Courses offered "on demand" or "on sufficient demand" are so indicated. Some courses are offered on alternate years and students should take this into consideration in planning their schedules, especially for the junior and senior years.

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 121-122. Year courses which need not be taken in sequence are designated by separating the course numbers by a comma, such as English 201, 202.

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 300 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 numbered 500-599 may be taken for graduate credit by students who are qualified to take graduate courses but they have undergraduate numbers also. Credit in a course at the undergraduate level voids the course at the graduate level **EXCEPT** for "Independent Study" courses at the 600 level and require at least 12 hours in the field as a prerequisite. Courses numbered 600 and above are open **only** to graduate students. Although students who are within nine hours of the baccalaureate degree may enroll for 500 and/or 600 courses if approved in advance by the Director of Graduate Studies, **credit in 500 and 600 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 of credit which a course carries is shown in parentheses following the title of the course.

**EXAMPLES:**

**Speech 352/552. INTERPRETERS THEATRE.** (3) Offered on sufficient demand. This course may be taken as 352 for 3 hours of undergraduate credit either semester if the demand is sufficient. It may also be taken as 552 for graduate credit by students approved for graduate study.

**History 340. COLONIAL AMERICA 1608-1787.** (3) Spring. Alternate years; offered 1981-82. This course carries 3 hours credit and is offered in the spring semester in alternate years.

**Bible 319/519. 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 as well as undergraduate credit.

**English 271, 272. AMERICAN LITERATURE.** (3, 3) Fall, Spring. Either course may be taken for 3 hours credit as scheduled. English 271 is not a prerequisite to English 272.

**Music 251-252. THEORY II.** (3, 3) Fall, Spring. Each course carries 3 hours credit and must be taken in sequence.

## COLLEGE OF ARTS AND SCIENCES

DEAN: Joseph E. Pryor, Ph.D.

### DEPARTMENT OF ART

**PROFESSOR:**

Elizabeth Mason, M.A.

**ASSOCIATE PROFESSORS:**

Don D. Robinson, M.A.

Chairman

Faye Brewer Doran, Ed.D.

Paul Martin Pitt, M.A., M.F.A.

**ASSISTANT PROFESSOR:**

John E. Keller, M.A.

**INSTRUCTOR:**

Stanley B. Green, B.S.E.

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 electives.

Those planning to teach art must complete 24 hours of art, including Art 211 and 3 hours of art history, and 24 hours of approved courses in education, including Educ. 420, Educ. 461, rather than 451, must be completed. It is recommended that any student planning to teach art take 9 hours of art history.

The department reserves the right for each teacher of an art class to retain one example of each student's work each semester for addition to the department's permanent collection.

**CORE REQUIREMENTS:** The following 31-hour core of art courses is required of all art majors: 103, 104, 105, 200, 201, 205, 260, 375, six hours of art history, and 450.

#### BACHELOR OF ARTS DEGREE

Major in Art: 37 hours of art, including Core and 6 hours of upper-level electives. A minor is required.

Minor in Art: 18 hours of art including 6 hours of upper-level credit.

Minor in Interior Design: 18 hours, including 103, 117 or 200, 260, 312 or Home Ec. 203, 370, and 372.

#### BACHELOR OF SCIENCE DEGREE

Major in Art: 50 hours of art, including Core and 19 hours of electives, 11 of which are upper-level. A minor is not required. This major is recommended for those certifying to teach art, with 211 being included in the elective hours.

#### BACHELOR OF FINE ARTS DEGREE

Major in Advertising Art: 76 hours, including Core; 18 hours in advertising art (249, 250, 351, 352, and 6 hours in 475); 300, 345, 365, and 3 hours in art electives; Acct. 205; CIS 214 or C. Sc. 211;



Journ. 304 and 3 hours elected from Journ. 303, 305, or 302-1983 Mkt. 330. This major requires a minimum of 137 hours for the degree. A minor is not required.

Major in Ceramics: 76 hours, including Core; 18 additional hours in ceramics (235, 255, 335, 400, and 6 hours in 475); 6 additional hours in art history; 18 hours in art electives; and Journ. 304. This major requires a minimum of 137 hours for the degree. A minor is not required.

Major in Painting: 76 hours, including Core; 18 additional hours in painting (202, 300, 301, 302, and 6 hours in 475); 6 additional hours in art history; 18 hours in art electives; and Journ. 304. This major requires a minimum of 137 hours for the degree. A minor is not required.

**101. ART APPRECIATION.** (2) Fall, Spring.

A study of the beauty and worth of artistic creations. The means and ideas promoting man's visual expression, with a survey of his creations.

**103. DRAWING AND COMPOSITION.** (3) Fall, Spring.

Beginning drawing designed for the student who has had limited drawing experience. Consists of image formation, rendering techniques, and compositional theory and problems. Six studio hours per week.

**104. FREEHAND DRAWING AND COMPOSITION.** (3) 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.

**105. ANATOMY.** (3) Spring.

Learning the structure and function of the human figure through a complete study of bones and muscles. Recommended for students with a strong background in art and students who plan to attend graduate school.

**117. DESIGN FOR THE HOME.** (3) Fall, Spring.

Principles and elements of art as used in design for all purposes. Application of color and design in projects, many of which are concerned with wardrobe, architectural styles, home plans and furnishing. Required of all home economics majors.

**200. TWO-DIMENSIONAL DESIGN.** (3) Fall.

Explores, through discussion and laboratory 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 DESIGN.** (3) Spring.

Creative design with emphasis on volume and space relationships. Construction in a variety of materials. Prerequisite: 200 or consent of instructor. Fee for materials: \$5.50.

**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. Fee for materials: \$10.

**212. CRAFTS.** (3) Spring.

An introduction to a variety of crafts. Highly recommended for all teachers, camp counselors, and any students who plan to work with children. Fee for materials: \$16.50.

**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.

**315-355. 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 for materials: \$27.50 each.

**249-250. ADVERTISING ART.** (3, 3) Fall, Spring.

Beginning problems and exercises in lettering, advertising, layout, design, and techniques.

**260. COLOR THEORY.** (3) Spring.

A concentrated study of the theory and application of color, both fundamental and advanced. Prerequisite: 200 or consent of instructor. Fee for materials: \$5.50.

**300. WATERCOLOR.** (3) Fall.

Painting in all water-soluble media. Prerequisite for art majors: 103, 104, and 200, or equivalent accepted by instructor.

**301-302. ADVANCED PAINTING.** (3, 3) Spring, Fall.

Painting courses for advanced students seeking to develop individual expression in creative painting and technical mastery of various media. Prerequisites: 201-202.

**312. WEAVING.** (3) Spring.

An introduction to basic handweaving techniques, using a variety of looms; experiments in weaving with various textile fibers; analyzing and originating patterns with emphasis upon design in color and texture.

**335-355. ADVANCED CERAMICS.** (3, 3) Fall, Spring.

Individual work on the potter's wheel, designing in clay, and glaze calculations. Prerequisite: 255. Fee for materials: \$27.50 each.

**340. METAL WORK AND JEWELRY.** (3) Fall.

Basic designing, shaping and soldering of metals. Lapidary work in cutting and polishing stones, and experience in lost-wax casting. Prerequisite: 200 or consent of instructor. Fee for materials: \$22.

**345. RELIEF AND INTAGLIO PRINTING.** (3) Fall. Alternates with 400; offered 1982-83.

Explores the principles and techniques involved in fine arts printing by the relief (block) and intaglio methods. Prerequisite: 200 or consent of instructor. Fee for materials: \$22.

**351-352. ADVANCED ADVERTISING ART.** (3, 3) Fall, Spring.

Advanced problems in the commercial field. Prerequisite: 249-250 or equivalent in experience.

**365. SERIGRAPHY AND LITHOGRAPHY PRINTING.** (3) Spring. Alternates with 401; offered 1982-83.

Creative individual and group projects in fine arts painting by the serigraphy (silk screen) and lithography methods. Prerequisite: 200 or consent of instructor. Fee for materials: \$22.

**370x. INTERIOR DESIGN I.** (3) Fall.

Fundamental principles and elements of interior design with emphasis on residential space. Prerequisites: 200 and 260 or consent of instructor.

**372x. INTERIOR DESIGN II.** (3) Spring.

Continues study in principles and elements of interior design for residential and commercial application. Prerequisite: 370.

**375/575. VISUAL AESTHETICS.** (3) Spring.

The basics of visual aesthetics through an analysis of elements and orders. Emphasis is given to the Christian ethic as a fundamental to the forming of visual judgment. Required of all art majors.

**400. SCULPTURE IN PLASTER AND CLAY.** (3) Fall. Alternates with 345; offered 1983-84.

Fundamental sculpturing problems in plaster and clay, emphasis upon clay modeling and plaster casting. Prerequisite: 205 or consent of instructor. Fee: \$27.50 for materials.

**401. SCULPTURE IN WOOD AND METAL.** (3) Spring. Alternates with 365; offered 1983-84.

Fundamental sculpturing problems in wood and metal. Welding and fabrication is metal emphasis. Prerequisite: 205 or consent of instructor. Fee for materials: \$22.



- 415/515. ART AND THE EXCEPTIONAL STUDENT.** (3) Fall.  
A study of mentally retarded, hearing impaired, visually impaired, orthopedically handicapped, learning disabled, and emotionally disturbed children emphasizing the utilization of art in meeting their special needs. Includes four field trips and one hour per week in teaching art to a class of exceptional children. Prerequisite: Art 211 and Educ. 303.
- 430/530. AMERICAN ART HISTORY.** (3) Spring. Alternates with 433/533; offered 1982-83.  
A study of art in the United States from early cultures to the present.
- 431/531. ANCIENT THROUGH MEDIEVAL ART HISTORY.** (3) Fall. Alternates with 432/532; offered 1982-83.  
Western art from prehistoric times to the Renaissance.
- 432/532. ART HISTORY FROM 15TH TO 19TH CENTURY.** (3) Fall. Alternates with 431/531; offered 1983-84.  
Western art from the 15th to the 19th century.
- 433/533. MODERN ART HISTORY.** (3) Spring. Alternates with 430/530; offered 1983-84.  
Western art from the 19th century to the present day.
- 450. SENIOR SEMINAR.** (1) Fall, Spring.  
The production of a one-person exhibit.
- 475. INDEPENDENT STUDY.** (1-3) 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 areas where the appropriate course prerequisites have been taken. May be taken two times for credit. Prerequisite: Consent of department chairman and instructor. Fee: Depends on field.
- 675. INDEPENDENT STUDY.** (3) Offered on demand.  
Qualified graduate students may take four times for credit, twice in the same area, upon written recommendation of department chairman. Prerequisite: 12 hours of art and approval of department chairman and instructor. Fee: Depends on field.

### DEPARTMENT OF BIBLE, RELIGION, and PHILOSOPHY

**PROFESSORS:**

Jerry L. Jones, Th.D.  
Chairman  
Conard Hays, M.A., B.D.  
Assistant to the Chairman  
James R. Allen, M.R.E., Hh.D.  
Allan L. Isom, Ed.D  
Carl Mitchell, Ph.D.  
Neale T. Pryor, Th.D.  
Don Shackelford, Th.D.  
Director, Mission/Prepare Program

**ASSOCIATE PROFESSORS:**

Robert Helsten, M.A.  
John T. McKinney, M.A.  
Avon Malone, M.A.  
L. V. Pfeifer, M.Div., M.Th.  
Ed Sanders, M.A.

**ASSISTANT PROFESSORS:**

Thomas C. Alexander, M.Th.  
Eddie Cloer, M.Th.  
Tom Eddins, M.Th.  
Joe Dale Jones, M.A.  
Director, Christian Communications Program  
Paul Pollard, M.Th., B.Litt.  
Will Ed Warren, M.A.R.

**INSTRUCTORS:**

Richard Donald King, M.A.R.  
James C. Walters, M.A.R.

**VISITING PROFESSORS:**

Dale O. McAnulty, B.A.  
#Gailyn G. Van Rheenen, M.A.

Assisting from other departments:

**PROFESSOR:**

Jack Wood Sears, Ph.D.

**ASSOCIATE PROFESSORS:**

Duane McCampbell, Ph.D.  
Van Tate, Ph.D.

**ASSISTANT PROFESSOR:**

#Bill Lambert, M.A.

#Appointment effective August 23, 1982.

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, missions, edification, and worship, (5) To challenge and to prepare men toward a preaching ministry, and (6) To satisfy the needs of those who desire a better knowledge of Greek and Hebrew for a better understanding and use of the Bible.

These aims suggest four major areas into which the Bible 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 various doctrines.

In addition to offerings in the four major areas of the Bible curriculum, the department also offers majors in Biblical Languages and Missions and minors in Biblical Languages, Greek, and Missions. The curriculum in Missions is to prepare interested students for service in world evangelism. MISSION/PREPARE is to provide a planned program for immediate expression of evangelical 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 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 preparation that he may be ready to accept a challenge immediately upon graduation or later upon completion of graduate education.

Although majors in Bible and religion and 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 office administration. 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, Historical-Doctrinal, and Church Life divisions and Missions, selecting those courses that will best prepare them for effective service in the church.

Students who transfer from another college, and who major in Bible, are required to take at least 10 upper-level hours in Bible at Harding. Six of these must be in the Textual division and the remaining 4 hours distributed according to the recommendation of the chairman of the department.

**Special minors in psychology and speech have been structured for Bible majors.** See pages 136 and 142, respectively, for these minors.

The 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 University, Searcy, Arkansas 72143.

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

**TRANSFER FROM CHRISTIAN COMMUNICATIONS PROGRAM**

A student who enters Harding University from the Christian Communications Program, a "Bible College," "School of Preaching," etc., will be permitted to validate up to 50 hours of Bible, Greek, Hebrew, and Missions courses that he has satisfactorily completed in the vocational program. The courses will be validated by the criteria determined by the Chairman of the Bible Department. The student will pay a \$10 fee for taking the validation test in each course, but there will be no charge for the credit awarded since he is validating courses that he has already taken in a vocational program that is not transferrable. He will be regulated by the following policy in pursuing a baccalaureate degree:

- (1) When a student transfers, the Chairman of the Bible Department will direct the validation procedure and will send to the Registrar a list of the courses, with hours of credit earned, that he has approved by validation.
- (2) Must meet the 32-hour residence requirement at Harding.
- (3) Must meet the requirement that 24 of the last 32 hours required for the degree must be completed at Harding EXCEPT a student who has already earned a degree from Harding must complete an additional 18 hours at Harding for a degree in Bible.

must take a minimum of 10 upper-level hours in Bible with 6 of these in the Textual Division. Depending upon the number of hours transferred and/or validated, the student may be required to take many more hours in Bible, but the minimum will be 10 upper-level hours.

(5) Must complete all the graduation requirements of Harding for a B.A. or B.S. degree in Bible.

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



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(3) Non-missions majors must have favorable recommendations from 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 trip and evangelistic campaigns.

The Timothy Club is sponsored by the Department of Bible. Regular attendance at Timothy Club meetings is required of all Bible, Biblical Languages, and Missions majors.

#### **BACHELOR OF ARTS DEGREE**

Major in Bible and Religion: Minimum of 37 hours (maximum of 49 hours), including 18 hours of upper-level work; at least 14 hours from the Textual division, 6 of which must be upper level; 9 hours from the Preaching division, including 220, either 320 or Speech 341, and 2 additional upper-level hours; 6 hours from the Church Life division; and 6 hours from the Historical-Doctrinal division. One hour of field work — 327, 337 or Missions 357 — is required. In addition, Greek 101-102 and Missions 250 must be taken and should be taken before the senior year. A minor is required.

Major in Bible and Religion (for women only): Minimum of 36 hours of Bible credit (maximum of 48 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; and 6 hours from the Historical-Doctrinal division. One hour of field work — 337 or Missions 357 — is required. The following courses are to be taken in lieu of the preaching requirements for male majors: 9 hours from Speech 350, Home Ec. 101, 102, 322, 323, and Educ. 203. In addition, one year of Greek or a modern foreign language and Missions 250 are 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 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 upper-level hours in one or both languages. In addition, Missions 250 is required. A minor is required.

Major in Missions: 64 hours including 15 hours of Missions that include 250; at least 4 lower-level hours and 15 upper-level hours from the Textual division; 6 hours from the Church Life division;

9 hours from the Preaching division, including either 320 or Speech 341; 9 hours from the Historical-Doctrinal division; 3 hours of philosophy; and 3 hours of anthropology. One hour of field work — 327, 337 or Missions 357 — is required. 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 of Missions that includes 250; 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. One hour of field work — 337 or Missions 357 — is required. These additional courses from other departments are to be taken in lieu of the Preaching division requirements for male students: 6 hours from Speech 350, Home Ec. 101, 102, 322, 323, Educ. 203; 3 hours of philosophy; and 3 hours of anthropology. 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.

Major in Religious Education: 64 hours in Bible, education, and psychology, including Bible 101, 112, 220, 320, 321, 330, 331, 332, 333, 334, 341, 342, 402, 410, eight elective hours in the Textual division, and three elective hours in the Historical-Doctrinal division; Educ. 203, 307, 320; and Psy. 201, 380. One hour of field work — 327, 337 or Missions 357 — is required. In addition, one year of Greek is required. A minor is not required.

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.

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

Minor in Greek: 18 hours of Greek, including 6 hours of upper-level credit.

Minor in Missions: 18 hours, including Anthro. 250, Bible 345, and 13 hours in Missions.

#### **BACHELOR OF SCIENCE DEGREE**

Major in Bible and Religion: 65 hours, including 19 hours from the Textual division, with 4 lower-level and 15 upper-level, including 402 and 410; 16 hours from the Preaching division; including 220, either 320 or Speech 341, and 9 additional upper-level hours; 12 upper-level hours from the Historical-Doctrinal division, including 342 and 449; 12 upper-level hours from the Church Life division; Eng. 104 or Journ. 320; and Hist. 430 or an approved history substitute. One hour of field work — 327, 337, or Missions 357 — is required. In addition, Greek 101-102 and Missions 250 are required and should be taken before the junior year. For approved students, Greek textual courses may be substitutes for upper-level requirements in the textual division. A minor is not required.



**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.

**204. 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 it relates to the history of Israel and to the scheme of redemption.

**303/503. 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 civilization.

**305/505. EIGHTH CENTURY PROPHETS.** (2 or 3) Fall.

A study of the writings of Amos, Hosea, Joel, Jonah, Micah, and Isaiah, with their social, religious, and historical settings and the importance of their message to that period and to present times. Not open to students who have credit in 306.

**307/507. EXILIC AND POST-EXILIC PROPHETS.** (2 or 3) Spring.

A study of the writings of Ezekiel, Jeremiah, Obadiah, Nahum, Habakkuk, Zephaniah, Haggai, Zechariah, and Malachi, with their social, religious, and historical settings and the importance of their message to that period and to present times. Not open to students who have credit in 306.

**308/508. 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.

**402/502. 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.

**603. INDEPENDENT STUDY.** (3) Offered on demand.

Individual study in Bible for qualified graduate students pursuing the M.Ed. degree with a major emphasis in Biblical literature and religion.

**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 LIFE OF CHRIST.** (2) Fall, Spring.

A study of the life of Christ as revealed in the synoptic gospels — Matthew, Mark, and Luke.

**212. THE CHRISTIAN HOME.** (2) Fall, Spring.

The Christian approach to selecting a marriage partner and living with that partner in permanent monogamy. A study of the Biblical principles bearing upon intra-family relationships. The family as an instrument of Christian service.

**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.

**309x/509x. GOSPEL OF JOHN.** (2 or 3) Fall, Spring.

An in-depth study of the gospel of John. Special attention will be given to an introduction, critical problems, and content of the book.

**311/511. I AND II CORINTHIANS.** (2 or 3) Fall, Spring.

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.

**312/512. ROMANS.** (2 or 3) Fall.

Introduction to the book and exegesis of the text.

**314/514. SELECTED LETTERS.** (2 or 3) Fall.

First and Second Thessalonians, Galatians, First and Second Timothy, Titus; historical setting; introduction to each book with its individual features; common relations in setting, thought, and life; content; exposition of selected passages.

**315/515. PRISON LETTERS.** (2 or 3) Spring.

Philippians, Ephesians, Colossians, Philemon; historical setting and introduction to each book with its individual features; common relations in setting, thought, and life; content; exposition of selected passages. Not open to students who earned credit in 314 prior to Fall 1978.

**316/516. GENERAL LETTERS.** (2 or 3) Spring.

Epistles of James, Peter, John, and Jude; historical setting and introduction to each book with its individual features; common relations in setting, thought, and life; content; exposition of selected passages. Not open to students who earned credit in 314 prior to Fall 1978.

**318/518. HEBREWS.** (2 or 3) Spring.

Introduction to the book and exegesis of the text.

**319/519. DANIEL AND REVELATION.** (2 or 3) Fall, Spring.

Historical setting, introduction, including apocalyptic pattern and message, content and exposition of selected passages.

**410/510. 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 Testament. Designed for Bible majors; others may enroll.

**PREACHING DIVISION**

**220. INTRODUCTION TO THE WORK OF THE PREACHER.** (4) Fall, Spring.

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. An introduction to Biblical research, including use of library and preparation of a research paper. Open only to those preparing to preach.

**320. PREACHING METHODS.** (3) Fall, Spring.

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.

**321. INTRODUCTION TO CHRISTIAN COUNSELING.** (2 or 3) Spring.

Introduction to the effective use of Christian counseling in church life. A study of the basic types of counseling techniques and theories.

**327. FIELD WORK.** (1-3) Offered on demand.

Field work in preaching will be done under the supervision of a faculty member or one approved by the department chairman. Before the field work experience begins, a written proposal must be submitted to the department chairman for approval.

**420/520. EXPOSITION OF JOHN.** (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.

**421/521. EXPOSITION OF ROMANS.** (2) Fall.

The course is designed to aid the student preacher develop self-study skills in preparation of expository and textual sermons. Prerequisite: Greek 101-102 or consent of department chairman.

**425/525. ADVANCED PREACHING.** (2) Fall, Spring.

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.** (2 or 3) Fall. Alternate years; offered 1983-84.

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.

**331. THE CHURCH AND THE CHILDREN.** (2 or 3) Fall. Alternate years; offered 1982-83.

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 1983-84.

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 1982-83.

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, Spring.

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.

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 1983-84.

Hebrew and Christian music, hymn writers and hymns, and an evaluation of hymns adaptable to the worship of the church.

**337. FIELD WORK.** (1-3) Offered on demand.

Field work in church life under the supervision of a faculty member or one approved by the department chairman. Before the field work experience begins, a written proposal must be submitted to the department chairman for approval.

#### HISTORICAL-DOCTRINAL DIVISION

**340. SURVEY OF CHURCH HISTORY.** (2 or 3) Fall.

A survey of the history of the church from the close of the apostolic age to the present.

**341/541. HISTORY OF THE RESTORATION MOVEMENT.** (2 or 3) Spring.

A study of the restoration movement and of 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 1983-84.

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.

**344/544. BIBLICAL WORLD AND ARCHAEOLOGY.** (2 or 3) Fall. Alternate years; offered 1983-84.

A historical and religious survey of world conditions in Biblical times with special attention to the social and religious condition in Palestine.

**345. LIVING WORLD RELIGIONS.** (2 or 3) Fall. Alternate years; offered 1982-83.

The history and basic teachings of Zoroastranism, Buddhism, Hinduism, Confucianism, Taoism, Shintoism, Judaism and Islam.

**346/546. GREAT THEMES OF THE BIBLE.** (2 or 3) Spring.

A textual approach to the Bible doctrine of revelation, God, Christ, the Holy Spirit, man, the church and eschatology.

**347/547. HISTORY OF THE ENGLISH BIBLE.** (2 or 3) Fall.

A study of the literary production and transmission of the Bible with special attention to manuscripts, texts, and translations. A historical account of how the Bible has come to the English-speaking world.

**348/548. EVIDENCE OF CHRISTIANITY.** (2 or 3) Spring.

Special emphasis on the credentials of Christ as constituting the heart of Christian evidence.

**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.

**449/549. HISTORY OF CHRISTIAN THOUGHT.** (2 or 3) Spring.

The development of Christian thought from the sub-apostolic age to the present. Special attention will be given to outstanding leaders and major doctrines. Designed for Bible majors; others may enroll.

#### BIBLICAL LANGUAGES

##### 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. Alternate with 305; offered 1983-84.

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. Alternate years; offered 1982-83.

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. Alternate years; offered 1982-83.

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) Fall. Alternate years; offered 1983-84.

Translation of the Greek text, analytical and comparative study of grammatical construction and style, exegesis of selected passages. Prerequisites: 251 or 254 or consent of department chairman.

**305x. INTERMEDIATE GREEK READINGS.** (3) Fall; Summer on sufficient demand.

Alternates with 301; offered 1982-83.

Selected readings from portions of the Greek New Testament not covered in other courses with attention to grammar and exegesis. Course content and approach varied according to needs of students and discretion of instructor. May be taken two times for credit. Prerequisites: 251 and consent of department chairman.

**306. READINGS IN THE SEPTUAGINT.** (3) Spring. Alternates with 307; offered 1982-83.

Translation of selected portions of the Greek text with attention to the underlying Hebrew and to the Greek style and its significance for the New Testament. Prerequisites: 251, 254 (or some other upper-level Greek reading course) and Hebrew 255 or consent of the department chairman.

**307. HEBREWS.** (3) Spring. Alternates with 306; offered 1983-84.

Reading of the Greek text with concordial, contextual, lexical, grammatical, and historical study of selected words, terms, and phrases particularly characteristic of the Hebrew letter. 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 department chairman.

##### Hebrew

**201-202. ELEMENTARY HEBREW.** (4,4) Fall, Spring.

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.

**255. INTERMEDIATE HEBREW READINGS.** (3) Fall. Offered on demand.

Readings in the Hebrew Bible, with special attention to vocabulary building. An introduction to textual criticism. Prerequisite: 202.



## MISSIONS

### 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 1983-84.

An examination of the basic Biblical concepts which provide a foundation for missions. The development of a philosophy of Christian missions.

### 353. HISTORY OF MISSIONS. (2 or 3) Spring. Alternate years; offered 1983-84.

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 1982-83.

Motives for mission work. Examination of the field or relationship necessitating personal adjustment by the missionary. Relationship between the missionary and the church.

### 355x. PRINCIPLES OF CHURCH GROWTH. (2-3) Spring. Alternate years; offered 1982-83.

356. SEMINAR IN WORLD MISSIONS. (2-3) Offered on sufficient demand. Course shall from time to time be offered to students interested in world evangelism utilizing the special talents of visiting missionaries or other qualified personnel. A minimum of 15 students is required.

### 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. Before the field work experience begins, a written proposal must be submitted to the department chairman for approval.

### 358. COMMUNICATIONS IN MISSIONS. (2 or 3) Fall. Alternate years; offered 1983-84.

A study of the theory of communication, of problems of cross-cultural communications and of special relationships necessary for effective communications. Survey types of communications effective on the mission field.

### 359x. RESEARCH. (1-4) Offered on demand.

Directed research and/or readings for a qualified advanced undergraduate student who is majoring or minoring in Missions. The research will be under the direction of the Director of Mission/Prepare and with the approval of the department chairman. Prerequisite: Junior standing with a minimum 3.00 grade point average.

## PHILOSOPHY

### 251. INTRODUCTION TO PHILOSOPHY. (3) Fall.

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 1982-83.

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 1983-84.

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. Application of Christian ethics to modern problems.

### Approved Related Courses for Juniors and Seniors

The following courses may be taken by juniors and seniors who have already satisfied the eight-hour general education requirement in textual Bible courses as a substitute for the Bible course required each semester of each student enrolled in more than eight hours.

Upper-level textual Greek and Hebrew courses, mission courses, and philosophy courses.

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Business 435 by majors in any area of the School of Business. Physical Science 410 by senior B.S. science and mathematics majors and by senior B.A. science and mathematics majors who meet the qualifications for admission to the course.

Sociology 301 by Social Science majors.

Speech 341 and 350.

## DEPARTMENT OF BIOLOGICAL SCIENCE

### PROFESSORS:

Jack Wood Sears, Ph.D.

Chairman

Ward Bryce Roberson, Ph.D.

George W. Woodruff, Ed.D.

### ASSOCIATE PROFESSORS:

Ronald Doran, M.A.

Michael V. Plummer, Ph.D.

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

Major (Bachelor of Arts): 30 hours of biological science including 151, 152, 252, and 14 additional hours of upper-level work. In addition, Chem. 121-122, or 114-115 with a minimum grade of "C," must be completed. A minor is required.

Major (Bachelor of Science): A minimum of 32 hours of biological science, including 151, 152, 252, 315, and a minimum of 3 hours from each of the following divisions: Cell Biology and Physiology (271, 275, 276, 420, 421); Development (251, 263, 412); Systematics and Ecology (250, 311, 313, 343, 347, 352, 416); Chem. 121-122 and 301-302 or 271, 324; C. Sc. 211; Math. 201; Physics 201-202 or 211-212; and additional work to total 69 hours in these fields are required. In addition, Phy. Sci. 410 is required. One year of a modern foreign language is highly recommended.

Minor: 18 hours of biological science including 151, 152, 252, and 2 additional hours of upper-level work. Students certifying to teach high school biology must complete 24 hours of biological science or complete 6 hours of physical science in addition to the minor in biological science.

### 111. BIOLOGICAL SCIENCE. (3) Fall, Spring.

A lecture course in the principles of biology for students not majoring in natural sciences. 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) genetics and development; (4) ecology and evolution. Three lectures per week. Satisfies the general education requirement in biology. Does not count toward a major or minor in biology or general science.



**114. BIRD STUDY.** (3) Intersession. Offered on sufficient demand. 1982-1983 Harding University Catalog

An introduction to the study of birds with emphasis upon basic biology and identification of local forms. Enrollment limited to 12.

**115x. PRINCIPLES OF BIOLOGY.** (4) Fall, Spring.

Selected major concepts of biology are studied in this course which is designed for the science major. Areas covered include the nature of scientific investigation, cellular structure and function, energy transformations, the nature of the gene and its action, genetics, reproduction and development, systematics and evolution, and ecology. Required as a prerequisite for most advanced biology courses. Three hours of lecture and three hours of laboratory per week.

**152. GENERAL ZOOLOGY.** (4) Fall, Spring.

An intensive study of the animal kingdom with emphasis on taxonomy, morphology, and life histories of typical representatives of the animal phyla. Three lectures and one three-hour laboratory each week. Prerequisite: 151. Laboratory fee: \$5.50.

**250. MAN AND HIS ENVIRONMENT.** (3) 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 or 151.

**251. VERTEBRATE MORPHOLOGY.** (4) Fall.

The structure and function, and classification of the vertebrates. Three hours of lecture and three hours of laboratory per week. Prerequisite: 151.

**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: 151. Laboratory fee: \$5.50.

**263. VERTEBRATE EMBRYOLOGY.** (4) Spring.

The fundamental facts and processes of development from germ-cell formation to the completed, free-living organism. Three hours lecture and three hours laboratory per week. Prerequisite: 151.

**271. MICROBIOLOGY.** (4) Fall, Spring.

An introduction to the biology of bacteria and certain other procaryotic and eucaryotic microorganisms and viruses that affect our everyday life; to the history of microbiology; to the techniques of studying, isolating, identifying, and controlling microorganisms; to epidemiology; to the physiological basis of disease, host resistance, and immunity; and to certain practical, medical, and industrial applications of microbiology. Approved by NAACLS for immunology content. Three lectures and three hours of laboratory per week. Prerequisite: Chem. 115 or 122.

**275. HUMAN ANATOMY AND PHYSIOLOGY.** (4) Fall, Spring.

The structure and functions of the human body and its various parts. Designed for majors in nursing, home economics, physical education, psychology, and secondary education with teaching emphasis in biology. Three lectures and three hours of laboratory per week. Prerequisite: 111 or 151 or Chem. 115 or 122 with a minimum grade of "C."

**276. HUMAN PHYSIOLOGY.** (4) Spring.

An in-depth study in physiology as it applies to the human organism. Special emphasis will be given in the areas of cell membrane transport and potential, the heart and circulation, body fluids and the kidneys with emphasis on electrolytes and pH, respiratory systems, gastrointestinal physiology and metabolism, and endocrinology and human reproduction. Extensive use of the physiograph will be made in the laboratory. Required of all nursing majors. Open to other majors if size of class permits. Prerequisite: 275 with a minimum grade of "C," and Chem. 115 or 122 with a minimum grade of "C."

**308/508. 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 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 areas of the earth sciences. Three hours of lecture, laboratory and field study per week. Laboratory fee: \$5.50.

**311. INVERTEBRATE BIOLOGY AND PARASITOLOGY.** (3) Spring. Alternates with 313; offered 1983-84.

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 152 and 251. Prerequisite: 152. Laboratory fee: \$5.50.

**313. ENTOMOLOGY.** (3) Spring. Alternates with 311; offered 1982-83.

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. Laboratory fee: \$5.50.

**315/515. 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 or 151.

**343/543. GENERAL ECOLOGY.** (4) Fall.

An in-depth study of the fundamental concepts and theories of ecology. Laboratory and field work are designed to familiarize the student with some basic methods of ecological research. Three lectures and three hours of laboratory or field work per week. Prerequisites: 152, 252. Laboratory fee: \$5.50.

**345/545. FIELD STUDIES.** (1-6) Offered on sufficient demand during summer or school recess.

An extended field trip designed to acquaint the biology major with various natural ecosystems. Biogeographical report on area to be visited required prior to trip and a copy of trip journal must be submitted to instructor by each student. One week of field work required for each hour of credit. Prerequisites: 152, 252, junior standing, and consent of the instructor. All trip expenses will be prorated among the participants.

**347x/547x. NATURAL HISTORY OF THE VERTEBRATES.** (4) Fall.

A study of fish, amphibians, reptiles, birds, and mammals which emphasizes the systematics, distribution, adaptations, ecology, and behavior of recent forms. Laboratory work involves identification, observation and collection techniques, and problem-solving activities. Three hours of lecture and three hours of laboratory or field work per week. Prerequisite: 151. Laboratory fee: \$5.50.

**352/552. PLANT TAXONOMY.** (4) Spring. Alternates with 416/516; offered 1982-83.

A study of the history and basic principles of plant taxonomy. Laboratory work will stress the structural characteristics of vascular plant families and the use of field manuals in identifying components of the local flora. Three lectures and three hours of laboratory or field work per week. Prerequisite: 252. Laboratory fee: \$5.50.

**410/510. 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 and minors and to general science majors with an emphasis in biology. Prerequisite: Written consent of the instructor.

**412. INTRODUCTION TO VERTEBRATE HISTOLOGY.** (2) Spring.

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 per week. Prerequisite: 251 or consent of department chairman.

**416/516. HERPETOLOGY.** (3) Spring. Alternates with 352/552; offered 1983-84.

The morphology, systematics, ecology, behavior, and distribution of amphibians and reptiles. Two lectures and three hours of laboratory or field work per week. Prerequisite: 347. Laboratory fee: \$5.50.

**420/520. 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 membranes, transport, irritability, and contractibility; and cellular energy and matter conversions. Three lectures. Must be taken concurrently with 421 unless credit is being earned in Chem. 325. Prerequisites: 151 and Chem. 301.

**421/521. CELLULAR PHYSIOLOGY.** (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 Chem. 325.



**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 at least two successive semesters. A research paper will be required. Prerequisites: Junior standing with a grade point average of 3.00 or higher in the major field; written consent of the department chairman and of the staff member who will supervise the research.

**449/549. WORKSHOP IN ENVIRONMENTAL STUDIES.** (3) Summer.  
Workshop for elementary teachers and 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.

**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: Written consent of the chairman of the department.

**610. 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.

**630. 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.

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

### 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. Students may pursue either an alternating plan of full-time work of a parallel plan of half-time work while enrolled in other classes, but only 2 hours of credit per work experience may be earned on the parallel plan. A maximum of 4 hours of elective credit in co-operative education will be accepted for students transferring from a community college or other institution which grants credit for work assignments during the sophomore year. A maximum of 6 hours will be accepted in transfer if at least 2 hours were earned after the sophomore year.

**267. 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 Vice President for Academic Affairs on behalf of juniors and seniors, prior to the completion of the work project and reporting of grades to the Registrar, to approve department credit, for example, Mathematics 267 or Sociology 267. Prerequisite: Sophomore standing and joint approval of the department chairman and Director of Co-operative Education.

#### PROFESSORS:

#Gary D. Elliott, Ph.D.

Chairman until December 18, 1981

Josephine Cleveland, D.A.

#### ASSOCIATE PROFESSORS:

Dennis M. Organ, Ph.D.

Chairman effective December 18, 1981

Alice K. Jewell, M.A.

Larry Long, Ph.D.

Duane McCampbell, Ph.D.

Charles Pittman, M.A.

Lawrence Eugene Underwood, Ed.D.

Edward White, M.A.

#### ASSISTANT PROFESSORS:

Rodger Lee Brewer, M.S.

##Bill Lambert, M.A.

Betty Thornton Ulrey, M.Ed.

Assisting from other departments:

#### ASSOCIATE PROFESSOR:

Betty Work Watson, M.A.

#Resigned December 17, 1981.

##Appointment effective August 23, 1982.

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 251, 252, 271, 272, 281, 371, one additional course in American literature numbered 300 or higher and two additional courses in British literature numbered 300 or higher, and 6 hours of electives in English numbered 200 or higher.

Majors certifying to teach must take 322, which will count as 3 of the elective hours. In addition, two years of modern foreign language study 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 those certifying to teach English): 24 hours, including 251, 252, 271, 272, 281, 322, and 6 hours of elective work in English numbered 200 or higher.

Minor (if not certifying to teach English): 18 hours, including 103, 201, 202, and 6 hours of upper-level work.



All students preparing to teach in elementary and secondary schools must satisfactorily complete six hours of English 102-103-104 or the equivalent.

For students certifying to teach English, 281 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 modern foreign language minor or second teaching field is very useful. Since high school teachers of English are often expected to coach debate and to supervise the student newspaper or yearbook, Speech 151, 265 and Journalism 201, 251, 252 are also desirable electives. Speech 255 is also useful elective for prospective English teachers.

**102x. GRAMMAR AND COMPOSITION.** (3) Fall, Spring.

Required for students who have no credit in college composition and who scored 17 or below on the ACT English examination; this course emphasizes grammar and mechanics and introduces basic writing skills. Not open to students who have earned credit in 103 or who achieved a score of 18 or higher on the ACT English examination except by permission of the chairman of the English Department.

**103. 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. Prerequisite: 102 or a score of 18 or higher on the ACT English examination.

**104. 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 course is closely related to Art 101, Music 101 and History 111.

**249. ENGLISH PROFICIENCY.** (3) Spring, Summer.

Intensive practice in writing is the main component of this course. Passing the course will satisfy the institutional English proficiency requirement. Students who have major deficiencies in English grammar and composition are encouraged to take this course. Open only to juniors and seniors. Does not count toward the major or minor in English.

**251, 252. 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.

**271, 272. 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.

**281. ADVANCED COMPOSITION.** (3) Fall.

This course is designed to allow advanced students to develop and polish their skills in writing, particularly expository and argumentative prose, although narrative and descriptive writing will also be included.

**300. HISTORY OF THE ENGLISH LANGUAGE.** (3) Offered on sufficient demand.

Strongly recommended for students planning to attend graduate school, this course traces the development of the English language from Anglo-Saxon to modern English.

**322. SYSTEMS OF ENGLISH GRAMMAR.** (3) Spring.

Stressing the basic principles of English grammar, this course is designed particularly for students who plan to teach English. The course reviews functional linguistics, comparative grammars, and syntax.

**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: Educ. 202.**

**360/560. AMERICAN POETRY.** (3) Fall. Not offered 1982-83.

Gives the interested student an opportunity to study, in detail, American poetry. Poets studied may vary from year to year, and the course may be repeated with the consent of the department chairman.

**370/570. 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.

**371/571. SHAKESPEARE.** (3) Spring.

Shakespeare's development as a dramatic artist and as an interpreter of humanity is outlined in this course. It gives attention to the resourcefulness of his language and to the penetration of his thought.

**380/580. RENAISSANCE AND SEVENTEENTH CENTURY BRITISH LITERATURE.**

(3) Fall. Not offered 1982-83.

Excluding Shakespeare, this course gives attention to major British writers of the period, including sonneteers, dramatists, Spenser, Donne, and Milton.

**400/500. RESTORATION AND NEO-CLASSIC LITERATURE.** (3) Spring. Not offered 1982-83.

With major attention given to Dryden, Pope, and Swift, this course provides an opportunity for an in-depth study of the period.

**402/502. BRITISH ROMANTIC POETRY.** (3) Fall. Not offered 1982-83.

This course examines in depth the poetry of Blake, Wordsworth, Coleridge, Keats, Shelley, and Byron, with appropriate attention to the scholarship devoted to the period.

**403. STUDY IN LITERATURE.** (3) Offered on sufficient demand.

This course offers specialized study of the literature of a particular author or field and may be repeated with the consent of the department chairman. Prerequisite: Consent of the department chairman.

**404/504. VICTORIAN POETRY.** (3) Spring. Not offered 1982-83.

This course gives major emphasis to Tennyson and Browning but notes also lesser poets of the Victorian period.

**408/508. AMERICAN SHORT STORY.** (3) Spring. Not offered 1982-83.

Focusing upon a particular genre, this course provides the student an opportunity to increase his ability to read carefully and to explicate profitably.

**411/511. AMERICAN NOVEL.** (3) Spring.

This course examines the development of the American novel from its early instances to the present time. This course may vary from year to year and may be repeated with the consent of the department chairman.

**415x/515x. LITERATURE FOR TEACHERS.** (3) Offered on sufficient demand.

This course is designed primarily for teachers in secondary schools. The course will include units on "The Bible as Literature," mythology, and minority literature.

**418/518. BRITISH NOVEL.** (3) Fall.

This course examines the development of the British novel from its early instances to the present time. This course may vary from year to year and may be repeated with the consent of the department chairman.

**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.

**603. GRADUATE STUDY IN LITERATURE.** (3) Offered on sufficient demand.

This course offers specialized study of the literature of a particular author or field and may be repeated with consent of the department chairman. Prerequisite: Consent of the department chairman and instructor. Qualified graduate students may take this course **three** times in different areas.



**630. 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 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.

**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 24 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. CLEP credit in Biology 111 is not accepted for a major or minor in general science or as a prerequisite for more advanced biology courses.

Major (Bachelor of Arts): 57 hours in the biological and physical sciences and mathematics, including Biol. 151, 152, 252; Chem. 121-122 or 114-115; Math. 152; Phy. Sci. 101; Physics 201-202 or 211-212; and a total of 24 hours of upper-level work in two of the following fields — biology, chemistry, computing, mathematics, physics — with a minimum of 6 hours in each of the two selected. A minor is not required.

Major (Bachelor of Science): 69 hours in the biological and physical sciences and mathematics, including Biol. 151, 152, 252; Chem. 121-122; Math. 201; Phy. Sci. 101, 410; Physics 201-202 or 211-212; and a total of 24 hours of upper-level work in two of the following fields — biology, chemistry, computing, mathematics, physics — with a minimum of 6 hours in each of the two selected. In addition, one year of German, French or Spanish, or a reading proficiency in one of these languages demonstrated by examination, is required. Comp. 214 is highly recommended. A minor is not required.

Minor: 39 hours in the biological and physical sciences and mathematics, including Biol. 151, 152, 252; Chem. 121-122 or 114-115; Math. 152 or 201; Phy. Sci. 101; Physics 201-202 or 211-212; and 6 hours of upper-level work in the area.

For a description of course offerings, see page 97-100, 115-119, and 132-136.

**DEPARTMENT OF HISTORY  
AND SOCIAL SCIENCE**

**PROFESSORS:**

Raymond Muncy, Ph.D.

Chairman

Clifton L. Ganus, Jr., Ph.D.

Fred R. Jewell, Ed.D.

Joe T. Segraves, Ph.D.

**ASSOCIATE PROFESSORS:**

Thomas M. Howard, Ed.D.

Virgil H. Lawyer, M.A.

Thomas R. Statom, M.A.T.

**ASSISTANT PROFESSOR:**

Earl W. Cobill, Ph.D.

Assisting from other departments:

**ASSOCIATE PROFESSOR:**

Clifford E. Sharp, M.S.T.

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, or social science; to provide the pre-professional background for the fields of law, government service, or some related professional field.

All students certifying to teach, regardless of certification area, must take Hist. 101, Pol. Sci. 205, and Soc. 203. Hist. 111 is a general education requirement.

Students preparing to teach social science in secondary schools must complete 12 hours of American history, 6 hours of European history, 3 hours of American national government, 3 hours of economics, and 6 hours of geography, 3 additional hours of political science, and Soc. 203. Students should take Econ. 201, Pol. Sci. 205, and Soc. 203 before the end of the sophomore year. In addition to certifying in the broad area of social science, a student should keep in mind that 6 hours in a specific field of social science are required for certification in that field. For example, 6 hours of geography are required to certify in geography or 6 hours in European history are required to certify in European history.

**BACHELOR OF ARTS DEGREE**

**HISTORY**

Major: 33 hours in history, including 101, 111, 420 or Pol. Sci. 202, 430, and two courses elected from 301, 302, 340, and 403. Soc. Sci. 260, 450 must also be completed. A minimum of 18 advanced hours must be elected. In addition, one year of a modern foreign language is required.

Minor: 18 hours in history, of which 6 hours must be upper-level, including 101, 111, 420 or Pol. Sci. 202, and one course elected from 301, 302, 340 or 403.

**POLITICAL SCIENCE**

Major: 33 hours in political science, including 202 or Hist. 420, 205, 251, 254, 300, and 305, of which 18 hours must be advanced level. Soc. Sci. 450 must also be completed. In addition, one year of a modern foreign language is required.

Minor: 18 hours in political science, of which 6 must be upper-level.



## SOCIAL SCIENCE

Major: 54 hours in social science including Econ. 201-202; one course from Geog. 212, 300 or 301; Hist. 101, 111, 430; two courses elected from Hist. 301, 302, 340, and 403; Pol. Sci. 202 or Hist. 420, 205, 251; Soc. Sci. 260, 450; Soc. 203; 6 additional advanced hours in American history; 3 additional advanced hours in non-American history; and 6 additional hours elected from anthropology, economics, geography, political science, and sociology. Those certifying to teach must be certain that they have 6 hours of geography. A minor is not required.

Minor: 18 hours of history, political science, geography, economics; and/or social science, including 6 hours of upper-level credit.

Minor (for students preparing to teach social science in secondary schools): 36 hours of social science including 6 hours of advanced credit. This must include 12 hours in American history, 6 hours in non-American history, 3 hours in American national government, 3 hours of economics, 6 hours in geography, 3 additional hours of political science, and Soc. 203. For this minor Econ. 201, Pol. Sci. 205, and Soc. 203 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 upper-level credit.

## BACHELOR OF SCIENCE DEGREE

## AMERICAN STUDIES

Major: 63 hours in American Studies, including Econ. 201-202; one course from Geog. 212, 300 or 301; Hist. 101, 111; two courses elected from Hist. 301, 302, 340, and 403; Mgt. 333; Pol. Sci. 202, 205, 251; Soc. Sci. 260, 450; Soc. 203; 6 hours in American literature from Eng. 271, 272, 360, 408, 411; 6 additional hours in American political science from Pol. Sci. 354, 425, 435; 3 additional hours in American culture from Soc. 305, 355, 405; 6 additional hours in American history from Hist. 301, 302, 340, 366, 403, 420, 441; and Journ. 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 Hist. 101, 111; two courses elected from Hist. 301, 302, 340, and 403; Pol. Sci. 202, 205; Soc. 203; and 9 additional hours selected from three of the five fields listed under the major.

## PUBLIC ADMINISTRATION

Major: 69 hours, including Acct. 205-206; Bus. 315, 343; Comp. 214; Econ. 201-202; Mgt. 332, 368; Pol. Sci. 205, 251, 254, 304, 305, 435, 436; Soc. 203, 305, 350; Speech 260 or 275; and 9 hours of electives from the above areas approved by the Chairman of the Department of History and Social Science with **not more** than 3 hours elected from the School of Business. A minor is not required.

## 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.

## 300. WORLD GEOGRAPHY. (3) Fall. Alternate years; offered 1982-83.

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 that area (land uses, population distribution, etc.)

## 301. GEOGRAPHY OF THE UNITED STATES. (3) Fall. Alternate years; offered 1983-84.

Emphasis on the development of urban centers and economic and social factors.

## 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, economic, and social movements. Required of all freshmen.

## 251. HISTORY OF THE CIVIL WAR IN AMERICA. (3) Spring.

Military, social, and economic aspects of the American Civil War, 1860-65. Class trips to the battlefields of Shiloh and Vicksburg are required of all students. For these trips a fee of \$25 is required at the time of registration. Prerequisite: 101 or consent of department chairman. Trip fee: \$25.

## 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.

## 311/511. HISTORY AND CULTURE OF THE FAR EAST. (3) Fall. Alternate years; offered 1982-83.

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.

## 317/517. RUSSIA AND THE SOVIET UNION. (3) Spring.

A study of Russia from the time of Peter the Great. Particular emphasis will be placed on the emergence of Soviet Russia and the political, social, and economic structure of the Soviet Union.

## 340. COLONIAL AMERICA 1608-1787. (3) Spring. Alternate years; offered 1983-84.

Prerequisite: 101 or consent of department chairman.

## 366. HISTORY OF THE FRONTIER. (3) Fall.

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.

## 401/501. HISTORY OF ENGLAND. (3) Spring. Alternate years; offered 1982-83.

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.

## 403/503. TWENTIETH CENTURY AMERICA 1900 TO PRESENT. (3) Fall. Alternate years; offered 1982-83.

An historiographical and interpretative treatment. Prerequisite: 101 or consent of department chairman. Recommended for those who plan to do graduate study in history.

## 408/508. EUROPEAN HISTORY 1500-1789. (3) Fall. Alternate years; offered 1983-84.

Prerequisite: 111 or consent of department chairman.

## 420/520. 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.

## 430/530. ANCIENT, MEDIEVAL AND RENAISSANCE HISTORY. (3) Spring.

A historical survey from antiquity to 1648. Required for all history and social science majors.



- 441/541. HISTORY OF THE SOUTH.** (3) Fall. Alternate years; offered 1982-83.  
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.
- 446/546. EUROPEAN HISTORY 1789-1900.** (3) Spring. Alternate years; offered 1982-83.  
Prerequisite: 111 or consent of department chairman.
- 447/547. MODERN EUROPEAN HISTORY 1900 TO PRESENT.** (3) Spring. Alternate years; offered 1983-84.  
Prerequisite: 111 or consent of department chairman.

**POLITICAL SCIENCE**

- 202. INTERNATIONAL RELATIONS.** (3) Fall, Spring.  
A study of the interaction of nations, surveying territorial states, nationalism, international organizations, international law, war, and the nuclear revolutions, and focusing on why nations and men act as they do.
- 205. AMERICAN NATIONAL GOVERNMENT.** (3) Fall, Spring.  
A study of the constitution, civil rights, and the formal and informal aspects of political decision-making in the United States.
- 251. AMERICAN STATE AND LOCAL GOVERNMENT.** (3) Spring.  
A study of the nature, functions, public policies, and issues among state and local governments in the United States.
- 254. QUANTITATIVE TECHNIQUES AND RESEARCH IN POLITICAL SCIENCE.** (3) Fall. Not offered 1982-83.  
A practical introduction to the basic tools used in modern political science research, with special emphasis on basic statistics used in data analysis and hypothesis testing. Attention will also be given to improvement of written communication skills.
- 300. COMPARATIVE POLITICAL SYSTEMS.** (3) Fall.  
An analysis of the political processes and institutions of the political systems of major, developed nation-states, utilizing contemporary methods in the field of comparative politics.
- 304. PRINCIPLES OF PUBLIC ADMINISTRATION.** (3) Fall.  
Political influences and management principles of the public bureaucracy.
- 305. PUBLIC POLICY ANALYSIS.** (3) Spring.  
A study of the content and process of formulation of public policy by government in the United States. Prerequisite: 304.
- 351. INTERNATIONAL LAW AND DIPLOMACY.** (3) Spring. Alternate years; offered 1982-83.  
An analysis of major cases in international law which have helped to shape the present international system and their relationship to diplomacy between nation-states. Prerequisite: 202.
- 354. POLITICAL PARTIES AND THE ELECTORAL PROCESS.** (3) Fall. Alternate years; offered 1982-83.  
The nature of the American political parties and their role in selecting candidates, mobilizing voters and organizing government. Attention will be given to the nature and practice of election campaigns. Prerequisite: 205, 254.
- 410/510. POLITICS AMONG UNDERDEVELOPED NATION STATES.** (3) Fall. Not offered 1982-83.  
An examination of the political processes and economic development of the underdeveloped nation states of Africa, Asia, Latin and South America.
- 425/525. CONTEMPORARY POLITICAL THEORY AND IDEOLOGY.** (3) Fall. Alternate years; offered 1982-83.  
A survey of ideas which seeks to explain the nature of political society in the United States and elsewhere. Attention is given to both the content of ideas and their impact on the behavior of people and nations.
- 435/535. CONSTITUTIONAL LAW.** (3) Spring. Alternate years; offered 1982-83.  
A study of the constitutional background and some of the most important Supreme Court decisions which have marked the direction of American government. Prerequisite: 205.

- 436/536. ADMINISTRATIVE LAW.** (3) Spring. Alternate years; offered 1982-83.  
The nature, formulation, implementation, and adjudication of administrative law with attention to the powers and limitations of regulatory agencies. Prerequisite: 205.
- 450/650. PROBLEMS IN POLITICAL SCIENCE.** (1-3) Offered on demand.  
Open to outstanding political science majors who wish to concentrate, through research and special supervised reading, upon a particular problem, with a special emphasis on an introduction to graduate work in the field of political science. Prerequisite: Consent of the department chairman.

**SOCIAL SCIENCE**

- 250. 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.
- 260x. INTRODUCTION TO RESEARCH.** (1) Fall.  
An orientation in the materials, research, and methods of the social sciences. Required of all American Studies, History, and Social Science majors.
- 450/550. 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. Prerequisite: Senior or graduate standing with a major in the social science area.
- 603. DIRECTED READINGS 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. Prerequisite: Consent of the department chairman.

**DEPARTMENT OF HOME ECONOMICS**

- PROFESSOR:**  
Mildred L. Bell, Ph.D.  
Chairman
- ASSOCIATE PROFESSORS:**  
#Sharen Deacon Crockett, M.S.  
##Eva Thompson, Ph.D.  
Elizabeth K. Wilson, M.A.
- ASSISTANT PROFESSORS:**  
Lynn England, M.S.  
Elaine C. Thompson, M.A.
- INSTRUCTOR:**  
###Loleta Higginbotham, M.A.T.
- #On leave of absence 1982 fall semester.  
##Retired May 8, 1982.  
###Appointment effective August 23, 1982.

The Department of Home Economics offers courses designed to prepare students 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. Students not majoring in the department are encouraged to choose basic courses in home economics as electives.

Harding is approved by the State Department of Education and the Federal Office of Education for the training of teachers in vocational home economics. The university is also approved for the training of extension home economists.



majoring in the department are encouraged to choose basic courses in home economics as electives.

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**Echo Haven** is the Home Economics Department's modern home where students 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 students, and the residence period is nine weeks. Any junior or senior majoring in another department may live in the house if enrolled in Home Economics 402 as an elective.

The child development laboratory is excellently arranged and well equipped. It provides for 18 children, and includes areas of dramatics, block play, library, music, creative art, food preparation, rest, isolation, rest room, teacher's 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, 391, 402, 405 and 3 additional advanced hours. In addition, Art 117 is required and Home Ec. 251 is strongly recommended.

Major (Bachelor of Arts for Fashion Merchandising): 40 hours in home economics, including 101, 102, 201, 202, 203, 214, 303, 305, 322, or 323, 331, 391, 402, 406, 412. In addition, the following 21 hours must be completed: Acct. 205, Art 117, Bus. 315, Econ. 201-202, Mgt. 368, and Mkt. 330. A minor is not required.

Major (Bachelor of Arts for Dietary Technology): A broad area major including Acct. 205-206, 360; Econ. 201; Educ. 307; Home Ec. 102, 201, 214, 322 or 323, 331, 332, 337, 391, 402, 435, 436; Math. 101 or 105; and Mgt. 332, 368. A minor is not required.

Major (Bachelor of Science for Vocational Teachers): 40 hours in home economics, including 101, 102, 201, 202 or 303, 203, 251, 322, 323, 331, 391, 402, 405, 406, and 412 or Educ. 416. Other required courses are Art 117; Soc. 203; Chem. 114-115; Biol. 275\*; Educ. 307, 320, 336, 417, 424, and 451; and Health Ed. 203. This program includes 9 hours in human development and family; 6 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 Ec. 214, Phy. Sci. 101, Psy. 201, and one more hour in physical education activity, but may omit the education courses and Health Ed. 203. A minor is not required.

For a student desiring to certify also in another secondary or middle school field, Home Ec. 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.

\*Any substitute for Biology 275, made for a transfer student only, must be approved by the Chairman of the Home Economics Department.

Minor (Bachelor of Science for Dietitians and Food Service Managers — American Dietetics Association, Plan IV): 32 hours in home economics, including 102, 201, 214, 331, 332, 391, 402, 431, 433, 435 and 436. Other required courses are Chem. 114-115, 271 or 301, 324; Biol. 271, 275; Educ. 307; Anthro. 250; Comp. 214; Econ. 201 and Mgt. 368. A minor is not required.

Most dietetic internships are requiring the Graduate Record Examination as a prerequisite to application. All juniors in this major should take the GRE during their junior year.

Minor: 18 hours in home economics, including 6 advanced-level hours.

**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.

Construction techniques of tailoring. A tailored suit or coat is constructed. A combination of professional and custom tailoring is explored. Two hours lecture and three hours laboratory per week. Prerequisite: 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.

**251x. FAMILY RELATIONSHIPS.** (3) Fall.

Consideration of the family throughout the family life cycle; developmental tasks at each stage. Present-day resources available for strengthening American families. Designed for both men and women students.

**303. ADVANCED CLOTHING ORIGINAL PATTERN DESIGNING.** (3) Fall. Alternates with 305; offered 1983-84.

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. Prerequisite: 101 and 202 or consent of the instructor.

**305. FASHION AND TEXTILE MERCHANDISING.** (3) Fall. Alternates with 303; offered 1982-83.

Merchandising problems applied to fashion, buying, household textiles, and apparel marketing and promotion.

**322. GUIDANCE IN EARLY CHILDHOOD.** (3) Fall.

Application of principles of development to the planning of Early Childhood programs. Modification of activities for age level, ability, experience, group and individual needs. Two hours lecture and three hours participation in Child Development laboratory per week.



**323. CHILD DEVELOPMENT.** (3) Spring.

Study of the physical, mental, emotional, social and aesthetic development of the child from infancy through adolescence. Two hours lecture and three hours laboratory per week.

**331. NUTRITION.** (3) Fall.

Principles of normal nutrition and metabolism, food values, and requirements for maintenance and growth. Prerequisite: 102 for home economics majors.

**332. NUTRITION IN DISEASE.** (3) Spring. Alternates with 431/531; offered 1982-83.

Biochemical and physiological conditions which require modification of the normal diet for a part of the therapeutic management of the patient. Role of dietitian as a member of the health care system. Prerequisites: 102, 201, 331, and Chem. 114-115.

**337. FOOD PRESERVATION.** (2) Fall. Alternates with 433/533; offered 1983-84.

A survey of special methods of food preservation. Emphasis on all methods of food preservation used in the home as well as commercial food preservation. One hour lecture and three hours laboratory per week.

**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 is recommended.

**402. HOME MANAGEMENT RESIDENCE.** (3) Fall, Spring.

Eight 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. Prerequisites: 102, 201, 391 and consent of the department chairman for majors; junior or senior standing and consent of the department chairman for non-majors.

**405/505. HOME EQUIPMENT.** (3) Spring.

The selection and management of household equipment. Stresses options available to the consumer in the purchase, installation, and use of equipment. Simple repair of home equipment.

**406/506. 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.

**412/512. 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.

**431/531. ADVANCED NUTRITION.** (3) Spring. Alternates with 332, offered 1983-84.

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 Chem. 324.

**433/533. ADVANCED FOODS.** (3) Fall. Alternates with 337; offered 1982-83.

Presentation of the important components of food materials and of the physical and chemical systems characteristic of food products. The experimental approach to applying these principles of major food problems and evaluation of new commercial products are emphasized. Two hours lecture and three hours laboratory per week. Prerequisites: 102; Chemistry 271 or 301.

**435/535. FOOD SYSTEMS MANAGEMENT I.** (3) Spring. Alternates with 436/536; offered 1983-84.

Organization, management theory and principles for all types of food systems; includes menu planning and standard methods of food preparation in quantity. Two hours lecture and three hours laboratory per week. Prerequisite: 201.

**436/536. FOOD SYSTEMS MANAGEMENT II.** (3) Spring. Alternates with 435/535; offered 1982-83.

Emphasis on selection, layout, maintenance of food system department, and management of personnel. Two hours lecture and three hours laboratory per week. Prerequisite: 201.

**550/550. INDEPENDENT STUDY.** (1-3) Offered on demand.

When in the judgment of the chairman of the department and the appropriate member of the faculty a senior or a graduate student majoring in home economics can advantageously embark upon an independent study project, the content of this course may be adapted to specific needs. Prerequisite: Consent of instructor and department chairman.

**HUF PROGRAM****Bible 313x. PAUL.** (2 or 3) Offered only in the Harding University in Florence (Italy) curriculum.

A study of the figure of Paul in the New Testament — apostle, Roman citizen, missionary. Selected passages from Acts of Apostles and Paul's letters will be examined. Background material relating to his apostleship to the Gentiles will be examined in Rome and elsewhere. This or another course in Bible is **required** as part of the HUF program.

**Humanities 260x. OUR WESTERN HERITAGE.** (4-6) Offered only in the Harding University in Florence (Italy) curriculum.

This course integrates art, music, history, philosophy, religion, and literature. Human. 260 may substitute for 4 to 6 hours selected from among the following: Art 101, Music 101, Hist. 111, and Eng. 201 or 202. A department chairman may approve upper-level departmental credit for Human. 260 provided a student gains approval in advance for his proposed study. This course is **required**, either for credit or audit, as part of the HUF program.

**Italian 101x-102x. ELEMENTARY ITALIAN.** (4, 4) Offered only in the Harding University in Florence (Italy) curriculum.

A beginning course designed for students with little or no background in Italian. Emphasis is given to oral and written communications, grammar, and culture. Class time per course will equal five class periods per week in a regular semester. A course in Italian is **required** as part of the HUF Program.

**Italian 201x-202x. INTERMEDIATE ITALIAN.** (3, 3) Offered only upon demand in the Harding University in Florence (Italy) curriculum.

A review of grammar with continued emphasis on oral and written communication. Readings in literature and culture. Prerequisite: 102 or two years of high school Italian.

**Special Studies 290x. "Course Title of Special Study."** (3) Offered only in the Harding University in Florence (Italy) curriculum.

A course that will be specifically designed to meet the needs of a student (sophomore, junior, or senior) who needs the course to meet his educational objectives. A given department chairman may request the Vice President for Academic Affairs to approve department credit with the appropriate course title, for example, English 290, Creative Writing. Prerequisite: Sophomore standing and joint approval of the department chairman and the Vice President for Academic Affairs.

**DEPARTMENT OF JOURNALISM****PROFESSOR:**

Heber Taylor, Ph.D.

**ASSOCIATE INSTRUCTOR:**

Michael L. James, B.S.

Assisting from other departments:

**ASSOCIATE PROFESSOR:**

Dennis M. Organ, Ph.D.

**ASSISTANT PROFESSOR:**

Betty Thornton Ulrey, M.Ed.

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: 30 hours in journalism, including the basic 15-hour core of 201, 301, 302, 304, 323, with the additional 15 hours dependent upon vocational goal. For a news-editorial emphasis, 251, 322, 401, 450 are required; for a public relations-advertising emphasis, 303, 392, 394, 396, 450 (with 267 highly recommended) are required; and for a secondary teaching emphasis, 251, 252, 303, 322, 410 are required.

Minor in Journalism: 18 hours in journalism, including 6 hours of advanced work. Students certifying to teach journalism in high school must complete a minimum of 24 hours in journalism.

Major in Mass Media: 64 hours, including Journ. 201, 392, 401; Soc. 203; Speech 141, 210, 251, 255, 275, 280, 281, 410, 441, 442; and 25 hours elected from the following courses with at least 6 hours elected from each of three of the areas: Journ. 251, 252, 301, 302, 303, 323; Mgt. 354, 368, 425; a modern foreign language; Pol. Sci. 324, 354, 422, 423, 435; Soc. 305, 350, 355, 405, 408; and Speech 204, 211, 261, 265, 306, 405, 406. A minor is not required.

Major in Public Relations: 66 hours, including Art 249; Bus. 315, 350; Econ. 201; Journ. 301, 303, 392, 394, 396, and a public relations internship (267 and/or 450); Mgt. 368; Mkt. 330; Pol. Sci. 304; Psy. 325 or Soc. 325 or Bus. 255; Soc. 203; Speech 141, 251, 275, 280; and an additional 18 hours elected from Art 250; Bus. 435; Journ. 251, 252, 302, 322, 401; Mgt. 332; Mkt. 355; Soc. 305, 355, 408, 420; and Speech 141 (for a second semester), 210, 260, 281. Math. 105 or higher is also required and should be elected by public relations majors rather than Math. 101. A minor is not required.

Major in Advertising: 66 hours, including Art 249, 250, 251, 252; Bus. 315, 435; Journ. 201, 303, 304, 322, 392; Mgt. 368; Mkt. 330, 335; Psy. 201; Speech 251; and 18 hours elected from the following: Art 200, 345, 365; Econ. 201, 202; Journ. 305, 394, 396, 450; Mkt. 336, 337; Soc. 355, 408; and Speech 141, 281, 371, 372, 411.

**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.

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.

Preparation of copy, copyreading, headline writing, desk work, and page makeup. Attention is 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.

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.** (3) Fall.

The fundamentals of photography, developing and printing, enlarging, use of photographic equipment and standard techniques are studied by lecture and laboratory work. Fee: \$20.

**305. PUBLICATIONS PHOTOGRAPHY.** (2) Spring.

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. Fee: \$20.

**320/520. RELIGIOUS JOURNALISM.** (2) Spring.

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.

**322/522. TYPOGRAPHY AND GRAPHIC ARTS.** (3) Fall. Alternate years; offered 1982-83.

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.

**323/523. ARTICLE WRITING.** (3) Spring.

Extensive practice in preparation and marketing of feature articles for use in magazines and newspapers. Attention is given to selection of topics, information gathering, and writing style and organization.

**392/592. PUBLIC RELATIONS PRINCIPLES.** (3) Fall.

An examination of the basic principles and philosophies underlying public relations, followed by a study of current policies, methods, and media employed by industrial, business, educational, and social organizations in their information programs.

**394x/594x. PUBLIC RELATIONS CASE STUDIES.** (2) Spring. Alternate years; offered 1982-83.

A study of public relations ethics, writing, media relations, and case studies.

**396x/596x. PUBLIC RELATIONS CAMPAIGNS.** (2) Spring. Alternate years; offered 1983-84.

Planning and preparation of publicity material for various media; application of public relations techniques; study of current public relations campaigns.

**401/501. THE PRESS AND SOCIETY.** (3) Fall.

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.

**410/510. SCHOOL PUBLICATIONS.** (2) Fall. Alternate years; offered 1983-84.

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.

**450/650.** (1-3) Offered on demand.

Individual study or research on selected topic of interest to the senior major or graduate student in journalism.

## DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

PROFESSORS:

Dean B. Priest, Ph.D.

Chairman

Bill W. Oldham, Ed.D.

Stephen W. Smith, Ph.D.

ASSOCIATE PROFESSORS:

Harmon C. Brown, Ph.D.

Alva Gene Dugger, M.S.



## ASSISTANT PROFESSORS:

#Troy Blue, M.A.

John W. Nunnally, M.S.

## INSTRUCTORS:

Timothy Byron Baird, M.S.

David H. Kratzer, M.S.

## ASSOCIATE INSTRUCTOR:

##Randall B. Maddox, Jr., B.S.

#Retired December 17, 1981.

##Appointment effective August 23, 1982.

The objectives of the Department of Mathematics and Computer Science 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, to provide basic training in computing, and to lay a broad foundation for students majoring in mathematics.

**BACHELOR OF SCIENCE DEGREE**

Major in Computer Science: 61 hours in C. Sc. 211, 215, 218, 261, 325, 327, 328, 335, 425, 435; CIS 220; Math. 201, 251, 301 or 331, and 318 or Bus. 255; Acct. 205-206 or Physics 211-212; Mgt. 368 or Speech 275; and 3 additional hours from business, mathematics, or physics, with Acct. 205 highly recommended if Physics 211-212 is elected. A minor is not required.

Major in Mathematics: 30 hours of mathematics, including 251, 301, and five courses numbered 302 or above; 27 hours in two other sciences; and 6 hours in a fourth science. C. Sc. 211, Phy. Sci. 410, and Physics 211-212 must be included. A minor is not required.

**BACHELOR OF ARTS DEGREE**

Major in Mathematics: 30 hours of mathematics, including 251, 301, and five courses numbered 302 or above. C. Sc. 211 and either Physics 201-202 or 211-212 are also required.

Major in Mathematics Education (for middle school certification): 22 hours of mathematics, including 115, 171 (or 151, 152), 201 or 210, 225, and 6 hours of upper-level work; C. Sc. 211; and 31 hours of Educ., including 203, 205, 303, 307, 320, 336, 401, 403, 404, 417, and 441. The following content and specialization courses must be completed: Art 211; Biol. 308; Econ. 315; Eng. 350; one course from Geog. 212, 300 or 301; Health Ed. 203; Music 116; and P. E. 330. Geog. 212 is accepted as a substitute for Phy. Sci. 101. A minor is not required.

Minor in Computer Science: 18 hours of computer science, including 6 upper-level hours.

Minor in Mathematics: 18 hours of mathematics, including 6 upper-level hours.

Students certifying to teach mathematics at the secondary level **must include 306 and 6 additional hours of 300-level or higher mathematics courses.** They are strongly encouraged to take 313 and 323 for these 6 hours. For certification, 21 hours of mathematics are required as a minimum, including 3 hours of algebra above 105, 3 hours of calculus, **306, and 6 additional hours of 300-level or higher mathematics courses.**

**INTRODUCTION TO COMPUTING.** (3) Fall, Spring.

Introduction to concepts and vocabulary of computer systems, including hardware, software, personnel requirements, and systems development. Basic programming techniques will be introduced and applied using the BASIC PLUS programming language. Assignments may include applications to business, math, and the physical sciences. Fee: \$33.

**215. STRUCTURED PROGRAMMING USING PASCAL.** (3) Spring.

The fundamental concepts of program structure and design are presented with a vocational emphasis. Structured programming concepts, testing schemes, flow-charting, pseudo-code, and other program organization and design techniques will be covered. All assignments will be done in PASCAL, a block-structured programming language. Prerequisite: 211. Fee: \$33.

**218x. FORTRAN AND ASSEMBLER LANGUAGE PROGRAMMING.** (3) Fall.

Programming techniques, program structure, program verification, and data representation will be taught using the FORTRAN programming language and an assembler language. Topics will include: the FORTRAN instruction set, machine instruction formats, machine operations, and addressing techniques. Approximately one half of the semester will be devoted to each language. Prerequisite: 215. Fee: \$33.

**261. STRUCTURED SYSTEMS ANALYSIS AND DESIGN.** (3) Spring.

Study of the tools and techniques needed to meet the needs of programmers, analysts, computer users, and management during the implementation of computer systems. Project cost and time analysis, project team leadership, productive communication methods, and analysis/design tools will be discussed. Tools used will include structure charts, data flow diagrams, and pseudo code. All programming assignments will be done using the COBOL programming language. Prerequisite: 215 and CIS 220. Fee: \$33.

**325. DATA STRUCTURES.** (3) Fall.

A study of major structures used for storing data on a computer system. Topics include: strings, sequential and linked lists, tables, trees, graphs, and files. Major searching and sorting techniques will also be presented. Applications will be made to data management and data-base technology. All assignments will be done using the PASCAL programming language. Prerequisite: 215. Fee: \$33.

**327. OPERATIONS RESEARCH.** (3) Spring.

Dynamic programming, linear programming, transportation and network theory (PERT, traveling salesman and shortest route programs), assignment problem, queueing theory, game theory, and simulation. The emphasis will be on methodology. Introduction to FORTRAN. Prerequisites: 261 and Math. 318 or Business 255. Fee: \$33.

**328x. NUMERICAL ANALYSIS.** (3) Fall. Alternate years; offered 1982-83.

A study of computer solutions to a number of mathematical problems and integration, linear systems of equations, and solutions of non-linear equations. Programming assignments will be done using the FORTRAN programming language. Prerequisites: 218 and Math. 251. Fee: \$33.

**335x. FILE STRUCTURES AND ACCESS METHODS.** (3) Spring. Alternate years; offered 1982-83.

A study of advanced data structures used for the storage of files of information on a computer system and various methods for accessing that information. Topics covered will include sequential access files, indexed sequential access files, direct access files, and virtual array files. An in-depth examination of at least one commercially available file system will be presented. Assignments will be done using several programming languages. Prerequisite: 325. Fee: \$33.

**381x. COMPUTER ANALYST WORK EXPERIENCE.** (3) Offered on demand.

On-the-job training. Prerequisite: junior or senior standing and approval.

**425. OPERATING SYSTEMS.** (3) Fall. Alternate years; offered 1983-84.

A study of the historical development and current functions of operating systems. Hardware and software requirements for operating systems which support uniprogramming, multiprogramming, multiprocessing, and time sharing will be discussed. Systems programming and advanced assembler language programming may also be covered. Assignments will be done in various languages. Prerequisites: 218 and 325. Fee: \$33.



**435. DATA BASE CONCEPTS.** (3) Spring. Alternate years; offered 1982-83.  
A study of the fundamental concepts of data base including a history of development, definition of terms, functional requirements of complex data structures, data base administrator functions, data base utilities, data security, data integrity, and future directions. Several commercially available systems will be reviewed. Prerequisite: 325.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on demand.  
Directed reading or project. Prerequisite: junior or senior standing and approval.

**MATHEMATICS**

**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. 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 a major or minor in mathematics.

**115. BASIC MATHEMATICS FOR ELEMENTARY TEACHERS.** (3) Fall, Spring.  
A course similar in content to 101 but taught with specific emphasis on the needs of the elementary teacher. **Required of all elementary and special education majors.** Does not count toward a major or minor in mathematics.

**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) Fall, 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 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.

**210. QUANTITATIVE BUSINESS ANALYSIS.** (4) Fall, Spring.  
Mathematical principles used in the quantitative aspects of business and economics. Linear programming, PERT, and introductory differential and integral calculus for non-science majors. Does not count toward a major in mathematics. Prerequisite: A grade of "B" or higher in 105 (or equivalent) or consent of the department chairman.

**225. MATHEMATICS IN THE ELEMENTARY SCHOOL.** (3) Fall, Spring.  
A continuation of the topics introduced in 115, experimental and informal geometry, introduction to probability, linear equations and inequalities. Required of elementary education majors. Prerequisite: 115 or consent of instructor. Does not count toward a major or minor in mathematics except for elementary education majors.

**251. ANALYTICS AND CALCULUS II.** (5) Fall, Spring.  
A continuation of 201. Prerequisite: 201.

**301. ANALYTICS AND CALCULUS III.** (3) Spring.  
A continuation of 251. Prerequisite: 251.

**306/506. FOUNDATIONS OF GEOMETRY.** (3) Spring.  
An examination of Euclidean geometry with an introduction to non-Euclidean geometry. Prerequisite: 201.

**313/513. 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.

**318/518. PROBABILITY.** (3) Fall. Alternate years; offered 1983-84.  
Probability as a mathematical system, random variables and their distributions, limit theorems, and topics in statistical inference. Prerequisite: 252.

**323/523. MODERN ALGEBRA I.** (3) Fall. Alternate years; offered 1982-83.  
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.

**331/531. INTERMEDIATE ANALYSIS I.** (3) Fall. Alternate years; offered 1983-84.  
Real number systems, functions, sequences, additional topics in limits, continuity, differentiation, integration, infinite and power series and uniform convergences. Prerequisite: 252.

**351/551. DIFFERENTIAL EQUATIONS.** (3) Fall.  
Ordinary differential equations with applications. Prerequisite: 252. Physics 211-212 highly recommended.

**419/519. 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: 318.

**432/532. 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.

**450/650. DIRECTED READINGS.** (2 or 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.

**525. MATHEMATICS FOR THE ELEMENTARY TEACHER.** (3) Fall, Spring. 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. If a student has credit in 225, written approval of the instructor is required before credit in 525 can be earned.

**623. 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.

**MEDICAL TECHNOLOGY**

Premedical Technology Advisor:  
Carroll W. Smith, Ph.D., Professor of Chemistry  
The Departments of Biological Science, Mathematics, and Physical Science cooperate in offering the basic science requirements to qualify students to an **affiliated** and **approved** hospital school of medical technology for one year's clinical training. A student who satisfactorily completes the three-year program outlined on page 57, subsequently successfully completes the clinical program of work in an approved hospital school of medical technology, has a transcript of the successfully completed clinical program sent to the Registrar, and completes the other cataloged requirements for graduation will become a candidate for the Bachelor of Science in Medical Technology degree. The



equivalent of 32 semester hours of upper-level credit will be granted for the successfully completed clinical program. The student has the responsibility of making application and gaining admission to an approved clinical program although the University will provide counsel and assistance.

Currently, Harding has affiliation with the following hospitals:

**Saint Edward Mercy Medical Center**, Fort Smith, AR 72903; Educational Coordinator: Gerre Walker

**Arkansas Baptist Medical Center**, Little Rock, AR 72201; Educational Coordinator: Gayle Runshang, BSMT (ASCP), CLS

**St. Vincent Infirmary**, Little Rock, AR 72201; Educational Coordinator: Florida C. Wishard, BSMT (ASCP)

**Baptist Memorial Hospital**, Memphis, TN 38146; Program Director: Annette K. Davidson, MEd, MT (ASCP)

**Methodist Hospitals of Memphis**, Memphis, TN 38104; Program Director: Suzan Davis, MT (ASCP), MEd, CLS (NCA)

**Saint Francis Hospital**, Memphis, TN 38117; Program Director: Lucy N. Autry, MS, MT (ASCP)

Any student who is interested in pursuing the clinical year in a hospital other than one of the six with whom Harding is affiliated should inform both the Harding Premedical Technology Advisor and the Program Director of the hospital as early as possible in his preprofessional program.

Since admission to the clinical year is highly competitive, it is recommended that a student achieve well above a 3.00 cumulative average on the 96 hours of preclinical courses outlined on page 57. At least 32 of the last 40 semester hours immediately preceding entry into the clinical year, including at least 12 upper-level hours in the sciences, must be completed at Harding with a minimum 2.00 average. Each student planning to pursue the B.S.M.T. degree should obtain a written statement of approval from the Vice President for Academic Affairs of Harding prior to beginning the professional program in an affiliated hospital.

### DEPARTMENT OF MODERN FOREIGN LANGUAGES

**PROFESSOR:**

Winfred O. Wright, Dr. de L'Universite  
Chairman

Dorothy S. Wright, Dr. de L'Universite

**ASSOCIATE PROFESSOR:**

Ava M. Conley, M.A.

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.

**Modern Foreign Language Validation Credit:** Upon written request of the student to the Chairman of the Department of Modern Foreign Languages, credit for the elementary course of each modern language may be obtained when the student has completed **both semesters** of the intermediate course of the same language with grades of "A" or "B."

Major in French: 30 hours in French, including 18 hours of upper-level credit.

Minor in French: 18 hours in French, including 6 hours of upper-level credit.

Major in Spanish: 30 hours in Spanish, including 18 hours of upper-level credit.

Minor in Spanish: 18 hours in Spanish, including 6 hours of upper-level credit.

Students who certify to teach French or Spanish **must** complete Educ. 419 even though the foreign language is a minor field. Also, students who certify to teach French or Spanish must complete 24 hours of the given language, with the advice of the department chairman, to meet minimum certification requirements.

#### FRENCH

**101-102. ELEMENTARY FRENCH.** (4, 4) Fall, Spring.

A beginning course designed for students with little or no background in French. Emphasis is given to oral and written communication, grammar and culture. Five class periods per week.

**201-202. INTERMEDIATE FRENCH.** (3, 3) Fall, Spring.

A review of grammar with continued emphasis on oral and written communication. Readings in literature and culture. 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. May be repeated for four hours of credit. Prerequisite: 102 or equivalent.

**301-302. INTRODUCTION TO FRENCH LITERATURE.** (3, 3) Fall, Spring. Alternates with 303-304; offered 1982-83.

A survey of major authors and their works from the Middle Ages to the present. Prerequisite: 201 or equivalent.

**303/503. ADVANCED COMPOSITION.** (3) Fall. Alternates with 301; offered 1983-84.

Techniques of writing in French. Imitation of selected French texts illustrating various styles. Exercises in creative writing. Prerequisite: 202 or equivalent.

**304/504. ADVANCED FRENCH.** (3) Spring. Alternates with 302; offered 1983-84.

A practical application of advanced grammar in group discussions, reports and translations. Literary analysis of passages from representative works. Prerequisite: 202 or equivalent.

**305/605. 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.

**432/532. FRENCH CLASSICISM.** (3) Spring. Alternates with 434/534; offered 1982-83.

A study of Corneille, Racine, Moliere, Pascal, La Fontaine, and others. Prerequisite: Any 300 course or equivalent.

**433/533. LITERATURE OF THE 18TH CENTURY.** (3) Fall. Alternates with 435/535; offered 1983-84.

A study of the 18th Century writers with emphasis on the works of the philosophers. Prerequisite: Any 300 course or equivalent.



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**434/534. LITERATURE OF THE 19TH CENTURY.** (3) Spring. Alternates with 432/532; offered 1983-84.

A study of representative writers of the 19th Century and the important literary movements. Prerequisite: Any 300 course or equivalent.

**435/535. LITERATURE OF THE 20TH CENTURY.** (3) Fall. Alternates with 433/533; offered 1982-83.

A study of outstanding writers of the 20th Century and of current literary trends in France. Prerequisite: Any 300 course or equivalent.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on demand.

Individual study for qualified seniors or graduate students majoring in French. Prerequisite: Consent of the instructor and department chairman.

**GERMAN**

**101-102. ELEMENTARY GERMAN.** (4, 4) Fall, Spring.

A beginning course designed for students with little or no background in German. Emphasis is given to oral and written communication, grammar, and culture. Five class periods per week.

**105-106. GERMAN FOR READING.** (3, 3) Fall, Spring.

A study of grammar, vocabulary, and syntax with the reading of selected literary and scientific works. Three class periods per week.

**201-202. INTERMEDIATE GERMAN.** (3, 3) Fall, Spring. Offered on sufficient demand.

A review of grammar with continued emphasis on oral and written communication. Readings in literature and culture. Prerequisite: 102 or two years of high school German.

**SPANISH**

**101-102. ELEMENTARY SPANISH.** (4, 4) Fall, Spring.

A beginning course designed for students with little or no background in Spanish. Emphasis is given to oral and written communication, grammar and culture. Five class periods per week.

**201-202. INTERMEDIATE SPANISH.** (3, 3) Fall, Spring.

A review of grammar with continued emphasis on oral and written communication. Readings in literature and culture. Prerequisite: 102 or two years of high school Spanish.

**251. SPANISH CONVERSATION.** (1) Offered on sufficient demand.

Guided conversational experience in small groups on topics of common interest to students of Spanish. May be repeated for four hours of credit. Prerequisite 102 or equivalent.

**301-302. INTRODUCTION TO SPANISH LITERATURE.** (3, 3) Fall, Spring. Alternates with 303-304; offered 1982-83.

A survey of major authors and their works. Prerequisite: 202 or equivalent.

**303/503. ADVANCED COMPOSITION AND GRAMMAR REVIEW.** (3) Fall. Alternates with 301; offered 1983-84.

Grammatical analysis, translation to Spanish and free composition to develop fluency and correctness in written Spanish. Prerequisite: 202 or equivalent.

**304/504. ADVANCED SPANISH.** (3) Spring. Alternates with 302; offered 1983-84.

A practical application of Spanish with advanced conversation, literary analysis, and phonetic review. Prerequisite: 202 or equivalent.

**315/515. LATIN AMERICAN CIVILIZATION.** (3) Fall. Alternates with 431/531; offered 1982-83.

A cultural survey of the Latin American nations with emphasis on the contemporary period. The course will be taught in Spanish unless there is sufficient demand for the classroom sessions to be English. Prerequisite: 202 or equivalent unless there is sufficient demand otherwise.

**325/625. REGIONAL LANGUAGE AND CULTURE.** (3) Offered in the summer, upon sufficient demand, in a Spanish-speaking country.

A survey history of the Spanish language with particular emphasis on the linguistic variations of the chosen region. An in-depth cultural study of the given country with special attention to the contemporary period. May be repeated for credit in a different region. Prerequisite: 202 or equivalent.

**431/531. THE SPANISH GOLDEN AGE.** (3) Fall. Alternates with 315/515; offered 1983-84.

Cervantes and the Golden Age dramatists. Prerequisite: Any 300 course or equivalent.

**435/535. LITERATURE OF THE 20TH CENTURY.** (3) Spring. Alternates with 433/533; offered 1983-84.

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 or equivalent.

**436/536. 19TH AND 20TH CENTURY SPANISH DRAMA AND POETRY.** (3) Spring. Alternates with 435/535; offered 1982-83.

A study of representative writers of the period. Prerequisite: Any 300 course or equivalent.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on demand.

Individual study for qualified seniors or graduate students majoring in Spanish. Prerequisite: Consent of the instructor and the department chairman.

**DEPARTMENT OF MUSIC**

**PROFESSORS:**

#Erle T. Moore, Ed.D.

Chairman until July 12, 1982

George Edward Baggett, D.M.E.

Kenneth Davis, Jr., D.Mus.

Chairman effective July 12, 1982

William W. Hollaway, Ph.D.

**ASSOCIATE PROFESSORS:**

Clifton L. Ganus III, D.M.A.

Ann R. Sewell, M.A.

##Arthur Lloyd Shearin, D.M.A.

**ASSISTANT PROFESSORS:**

##John Warren Casey, M.Ed.

Travis Allen Cox, M.M., M.L.S.

Jeffrey T. Hopper, M.M.

**INSTRUCTOR:**

#Mona S. Moore, B.A.

**ASSOCIATE INSTRUCTORS:**

Martha Campbell, B.M.E.

Stephen L. Campbell, B.M.

Patricia J. Cox, B.S.

#Retired July 12, 1982.

##Appointment effective August 23, 1982.

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, viola, violin, 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 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.



### BACHELOR OF ARTS DEGREE

Major in Music: 44 hours in music, including Music 111-114, 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 Religious Music: 65 hours in music and Bible, including Music 111, 112, 113, 114, 140, 251, 252, 253, 254, 255, 256, 257, 331, 431, 432, and two hours from 131, 132, 137; four hours of private voice; four hours of private piano; and Bible 101, 112, 330, 332, 335, 336, two courses from 204, 211, 212, 213, and one course from 331, 333, 334. A minor is not required; however, most students will be able to complete a minor and psychology/counseling courses are strongly recommended. Music 101 is waived.

Minor in Music: 18 hours in music, including 6 hours of upper-level work selected with approval of the department chairman.

### BACHELOR OF MUSIC EDUCATION DEGREE

Major in Instrumental: 62 hours in Music 111, 112, 113, 114, 140, 211, 212, 251, 252, 253, 254, 255, 256, 332, 335, 337, 403, 431, 432, 461, 462; Educ. 426; four hours of piano; six hours of instruments; and music electives. The student must also complete Educ. 203, 205, 307, 320, 336, 417, and 461; six semesters' participation in ensembles; and general education requirements for certification. A minimum of 142 hours is required for the degree.

Major in Vocal/Choral: 62 hours in Music 111, 112, 113, 114, 140, 205, 251, 252, 253, 254, 255, 256, 331, 335, 336, 337, 403, 431, 432; Voice 261; Educ. 426; six hours of voice; four hours of piano; and music electives. The student must also complete Educ. 203, 205, 307, 320, 336, 417, and 461; six semesters' participation in ensembles; and general education requirements for certification. A minimum of 142 hours is required for the degree.

### BACHELOR OF MUSIC DEGREE

Major in Piano: 82 hours in Music 111, 112, 113, 114, 140, 251, 252, 253, 254, 255, 256, 331 or 332, 335, 337, 431, 432; Piano 331, 332; eight hours in ensemble; eight hours of instrument/voice; 24 hours of piano; and music electives. A minor is not required. A minimum of 133 hours is required for the degree.

Major in Violin/Viola: 82 hours in Music 111, 112, 113, 114, 140, 251, 252, 253, 254, 255, 256, 332, 333, 335, 337, 431, 432; eight hours of ensemble, eight hours of piano; 24 hours of violin/viola; and music electives. A minor is not required. A minimum of 133 hours is required for the degree.

Major in Voice: 97 hours in Music 111, 112, 113, 114, 140, 251, 252, 253, 254, 255, 256, 331, 335, 337, 431, 432; Voice 261; eight hours of ensemble; eight hours of piano; 24 hours of voice; 16 hours of modern foreign language (two languages); and music electives. A minor is not required. A minimum of 148 hours is required for the degree.

For all three of the Bachelor of Music majors, the following waivers will be made in the general requirements: English 201 or 202, Music 101, Physical Science 101 or 102, and one of the two social science courses to be elected from Econ. 201, Pol. Sci. 202, 205, and Soc. 203.

### 101. MUSIC APPRECIATION. (2) Fall, Spring.

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: 117 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: 117 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.

### 131-138. 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 by such participation, whether by participating in two organizations during a given semester or one organization for two semesters, will apply toward the minimum 128 required for graduation. 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.

### 136. STRING ENSEMBLE. (1) Fall, Spring.

### 137. COMMONWEALTH SINGERS. (1) Fall, Spring.

### 138. ORCHESTRA. (1) Fall, Spring.

### 140x. COLLEGIUM MUSICUM. (1 per year) Required each semester of all music majors.

A weekly seminar designed to acquaint the student with various styles of vocal and instrumental music from all periods. Time will be spent hearing and performing music and discussing problems related to works not ordinarily used in the regular curricular offerings. Offered for 1 hour of credit per year but music majors will be required to attend regularly each semester.

### 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. Instrument rental: \$16.50 each semester.

### 251-252. THEORY II. (3, 3) Fall, Spring.

Part writing, harmonization, analysis, modulation, involving chromatic alteration. Prerequisite: 112, Co-requisite: 253-254.

### 253-254. ADVANCED EAR TRAINING. (1, 1) Fall, Spring.

Music reading, dictation, analysis involving chromatic harmonies. Prerequisite: 114. Co-requisite: 251-252.

### 255-256. MUSIC LITERATURE. (2, 2) 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.

### 257. SONG LEADING. (2) Spring.

Elementary music theory, including notation, scale construction, rhythmic organization, practice in music reading and song leading. Does not count toward any major except Religious Music.

### 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. (3) Offered on sufficient demand.

Preparation for the conducting of the high school band. Includes baton technique and rehearsal procedures.



333x. **STRING PEDAGOGY.** (2) Offered on sufficient demand.

A survey of materials and methods of teaching string instruments.

335. **FORM ANALYSIS.** (2) Fall. (Becomes a 3-hour course in the fall of 1983.)

The structural principles of music, the elements of form and the forms used are studied through analysis and listening.

336. **ORCHESTRATION-CHORAL ARRANGING.** (2) Spring.

Scoring and arranging for orchestral ensembles; arranging for two, three, four, and five part choral groups. Prerequisite: 251.

337x/537x. **COUNTERPOINT.** (3) Offered on sufficient demand.

The contrapuntal procedures of the eighteenth and nineteenth centuries. Practical application in the writing of rounds, canons and inventions.

403. **ELEMENTARY MUSIC METHODS.** (3) Fall, Spring.

Techniques and materials for music instruction in grades one through eight. Registration restricted to music majors.

431/531-432/532. **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.

450/650. **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 the 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.

602. **SPECIAL PROBLEMS IN MUSIC EDUCATION.** (3) Offered on sufficient demand.

Problems of musical interest to the qualified student which lie outside the normal curriculum and which are deemed particularly applicable to his individual aims. Qualified graduate students may take three times in different areas upon written recommendation of department chairman. Prerequisite: Consent of department chairman and instructor.

605. **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. Prerequisite: Consent of department chairman and instructor.

## APPLIED MUSIC

### Private Instruction

Private instruction is offered in piano, viola, violin, voice, 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 one. 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 departmental recitals to be held periodically throughout the year.

Course names shall be assigned according to the type of private instruction being taken (Clarinet, Percussion, Piano, Trumpet, Viola, Violin, Voice, 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:

**PRIVATE LESSONS.** (1 or 2) Fall, Spring.

May be taken four semesters. Special fee: See page 73.

301. **ADVANCED PRIVATE LESSONS.** (1 or 2) Fall, Spring.

May be taken four or more semesters. Prerequisite: Student must have taken 101 four semesters in a given instrument prior to enrolling in 301 in that instrument. Special fee: See page 73.

### Class Instruction

**PIANO 331. PIANO ACCOMPANYING CLASS.** (1) 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.

**PIANO 332x. PIANO PEDAGOGY.** (2) Offered on sufficient demand.

A survey of materials and methods of teaching piano.

**VOICE 105, 106. CLASS VOICE.** (1, 1) Fall, Spring.

Instruction similar to private lessons given to small groups. Music majors and/or minors will be in separate class from the general student desiring voice lessons. Special fee: \$75 for majors/minors; \$65 for others.

**VOICE 261. VOCAL METHODS.** (2) Offered on sufficient demand.

Study of basic approaches to the processes of voice production, including respiration, phonation, resonance, and articulation from the psychological, physiological, and acoustical standpoints. Practice in analyzing vocal problems and in seeking their solution. Prerequisite: At least two semesters of private voice.

## DEPARTMENT OF PHYSICAL EDUCATION, HEALTH, AND RECREATION

### PROFESSOR:

Harry D. Olree, Ed.D.

Chairman

Karyl V. Bailey, Ph.D.

Cecil M. Beck, M.A.

Clifford John Prock, M.T.

### ASSOCIATE PROFESSORS:

Ted M. Altman, Ed.D.

Barbara G. Barnes, M.A.T.

Jesse Bucy, M.S.E.

Kathryn R. Campbell, M.A.T.

Bob J. Corbin, M.Ed.

Theodore R. Lloyd, M.S.

Wilton Y. Martin, Ed.D.

### ASSISTANT PROFESSORS:

John Boustead, M.Ed.

David T. Elliott, M.A.T.

Richard A. Johnson, M.Ed.

Ronnie D. Peacock, M.A.T.

Marjorie H. Ryan, M.A.T.

Phil Watkins, M.Ed.

### INSTRUCTOR:

Levester "Butch" Gardner, M.Ed.

### ASSOCIATE INSTRUCTOR:

Randy O. Tribble, 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 or to coach, and the needs of those interested in recreational leadership positions associated with community organizations, camps, youth clubs and churches.

The institutional requirement of 4 hours in physical education activity can be met by P.E. 101, and 2 additional hours from any of the following: 112, 118, 119, 120, 121, 122, 124, 125, 126, 127,



128, 129, 212, 214, 215, 222, 225; Rec. 130, 131, 1982-1983 Hardington University Catalog  
physical education majors and minors, P.E. 355, 356. Students who transfer to Harding lacking fewer than 2 hours of physical education activity will not be required to take P.E. 101.

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 Harding by filing a written request with the registrar.

Every student who certifies to teach at the elementary or secondary level must complete 6 hours of physical education, including Health Ed. 203 and 3 hours of activity classes. Elementary education majors must also complete P.E. 330.

All majors and minors in physical education 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 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, tennis, and racquetball.

### Health Education

Minor: 18 hours including Health Ed. 202, 203, P.E. 301; Biol. 275, and 6 hours elected from Health Ed. 408, 410, H. Ec. 331, and Psy. 240. Physical Education majors who minor in Health Education must take all of the preceding courses.

### Physical Education

Major: 34 hours, 18 of which must be upper-level hours, including Health Ed. 203; P.E. 206, 301; four hours elected from P.E. 304, 305, 306, 307, and 308; P.E. 355, 356, 402, 404, 405, 415; and Rec. 320. Biol. 275 is required in addition to the 34 hours in health, physical education and recreation. A minor is required. Any major who desires to certify to teach at the secondary level must also complete Educ. 203, 205, 307, 320, 336, 417, 427, and 451, and the required general education courses for certification. Any major who desires to certify to teach at the elementary as well as the secondary level must include P.E. 129 and 330 (effective September 1, 1984, this becomes P.E. 327, 329, and 330) and take Educ. 461 rather than 451.

Minor: 18 hours, 6 of which must be upper-level hours, including Health Ed. 203; P.E. 206; and either P.E. 355 or 356. Students certifying to teach physical education in high school must complete a minimum of 26 hours of physical education properly selected. Students should check with the Department Chairman as early as possible regarding meeting the prerequisites for P.E. 355 or 356.

### Recreation

Minor: 18 hours, 6 of which must be upper-level, including Rec. 320, 325; Soc. 203; and 9 hours elected from Art 212 or 235; Health Ed. 202 or P.E. 402; Music 116; P.E. 129, 215, 250; Rec. 130, 131, 132, 265; and Speech 204 or 206. Courses must be taken from two of the three fields of art, music and speech. Physical Education majors must have 18 hours in addition to the courses required for the major.

### HEALTH EDUCATION

**202. FIRST AID.** (2) Fall, Spring.  
Standard Red Cross First Aid course.

**203. PERSONAL AND COMMUNITY HEALTH AND SAFETY.** (3) Fall, Spring.  
Integration of personal, school and community health and safety problems. Required of all prospective teachers.

**311x/511x. DRIVER AND TRAFFIC SAFETY EDUCATION I.** (3) Fall.  
This course is designed to prepare teachers to organize and teach driver education and traffic safety programs in secondary schools. Fee: \$11.

**312x/512x. DRIVER AND TRAFFIC SAFETY EDUCATION II.** (3) Spring, Summer.  
An advanced course in driver and safety education designed to provide prospective teachers with dual control simulation and multi-car laboratory teaching experience. The course includes teaching beginners, developing programmed lessons, and a survey of methods and materials. Prerequisite: 311. Fee: \$11.

(High school and college students who do not have a valid driver's license may take a non-credit "learn to drive course" in connection with 312 by calling by Dr. Harry D. Olree, Chairman of the Department, 501/268-6161, Ext. 249. Fee for non-credit "learn to drive course": \$82.50.)

**408x/508x. ORGANIZATION AND ADMINISTRATION OF THE SCHOOL HEALTH PROGRAM.** (3) Fall.

A study of the organization, administration, and supervision of the total school health program, including health services, health instruction, and healthful school environment. Consideration will be given to staff and program assessment, enlisting public support, and implementation of new ideas.

**410/510. SCHOOL HEALTH INSTRUCTION.** (3) Spring.

A study of health interests and needs of the elementary and secondary school child, curriculum development, and instructional methods and materials for health education.

### PHYSICAL EDUCATION

**101. INTRODUCTION TO PHYSICAL ACTIVITY.** (2) Fall, Spring.

A course designed to give the student concise and factual information relative to the how, what, and why of physical activity. One hour of lecture and one hour of laboratory per week plus outside class activity. Required of all freshmen.

**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 a student capable of passing an intermediate swimming test.

**118x. BEGINNING BASKETBALL.** (1) Fall, Spring.

Instruction and practice in the basic skills of basketball.

**119. CONDITIONING ACTIVITIES.** (1) Fall, Spring.

Participating in exercises in order to improve body mechanics, posture, and physical fitness.

**120. ARCHERY AND BADMINTON.** (1) Fall, Spring.

Instruction and practice in the basic skills of archery and badminton. Fee: \$3.50.

**121. VOLLEYBALL AND TABLE TENNIS.** (1) Fall, Spring.

Instruction and practice in the basic skills of volleyball and table tennis.

**122. TENNIS AND RACQUETBALL.** (1) Fall, Spring.

Instruction and practice in the basic skills of tennis and racquetball.

**124. GOLF AND BOWLING.** (1) Fall, Spring.

Instruction and practice in the skills of golf and bowling. Fee: \$16.

**125. SPEEDBALL AND BASKETBALL.** (1) Fall, Spring.

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.

Instruction and practice in the basic skills of handball and weight training.

**129. FUNDAMENTALS OF MOVEMENT AND RHYTHM.** (1) Fall. (Will be dropped after 1983-84.)

Principles and practices of body movement and response to rhythm. Required of those students certifying to teach physical education in the elementary school.



**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.

**212. ADVANCED SWIMMING.** (1) Fall, Spring.

Instruction and practice in advanced swimming techniques with emphasis on building strength, endurance, and skills necessary to qualify for admission to the senior lifesaving course. Prerequisite: 112 or the ability to pass an intermediate swimming test. Fee: \$2.50.

**214. LIFESAVING CERTIFICATION.** (1) Fall, Spring.

Upon successful completion of this course the student will be awarded the American Red Cross Senior Lifesaving Certificate. Prerequisite: 212 or consent of the instructor. Fee: \$2.50.

**215. WATER SAFETY INSTRUCTOR'S COURSE.** (2) Spring.

This course consists of lectures on methods and organization, and practice interteaching 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.

**222. ADVANCED TENNIS.** (1) Fall, Spring.

Instruction and practice in the advanced skills and techniques of tennis. Prerequisite: 122 or the ability to pass an intermediate tennis test.

**225. ADVANCED BOWLING.** (1) Fall, Spring.

Instruction and practice in the advanced skills and techniques of bowling. Prerequisite: 124 or the ability to pass an intermediate bowling test. Fee: \$30.

**250x. SPORTS OFFICIATING.** (2) Fall.

A study of the principles and techniques of officiating competitive sports.

**301/501. 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.

**305. COACHING TRACK AND FIELD.** (2) Spring.

Coaching and officiating track and field.

**306. COACHING BASKETBALL.** (2) Spring.

Coaching and officiating basketball.

**307. COACHING BASEBALL.** (2) Spring.

Coaching and officiating baseball.

**308. COACHING SOFTBALL AND VOLLEYBALL.** (2) Fall. Alternate years; offered 1982-83.

A study of the theory and techniques of coaching and officiating softball and volleyball.

**327x. BASIC MOVEMENT AND GYMNASTICS FOR CHILDREN.** (3) Fall. Alternate years; offered 1983-84.

Instruction in developmental movement patterns and basic body control for pre-school and elementary children. Also includes fundamentals of beginning gymnastics. After Sept. 1, 1984, required of all who seek elementary of K-12 certification in physical education.

**329x. RHYTHMIC ACTIVITIES AND LEAD-UP GAMES FOR CHILDREN.** (3) Spring. Alternate years; offered 1983-84.

Principles and practices of body movement and response to rhythm. Primary and lead-up games for children. Required of those students who desire to teach physical education in the elementary or K-12 level. After Sept. 1, 1984, required of all who seek elementary or K-12 certification in physical education.

**330/530. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL.** (3) Fall, 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. Fee: \$3.50.

**355. THEORY & TECHNIQUES OF TEACHING SPORT SKILLS I.** (3) Fall.

Theory and techniques of teaching tennis, golf, soccer, and aerobics, and thorough development of skills in these activities. For majors and minors only. Prerequisite: Must have passed a proficiency skills test in two team sports, swimming, and three other dual and individual sports. Fee: \$7.

**356. THEORY & TECHNIQUES OF TEACHING SPORT SKILLS II.** (3) Spring.

Theory and techniques of teaching gymnastics, volleyball, badminton, and archery, and thorough development of skills in these activities. For majors and minors only. Prerequisite: Must have passed a proficiency skills test in two team sports, swimming, and three other dual and individual sports. Fee: \$3.50.

**402/502. 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: \$4.50.

**404/504. MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION.** (3) Fall.

Acquaints students with the various testing devices in physical education and gives practice in the use of these devices.

**405/505. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (K-12).** (3) Fall.

A study of the principles of organization and administration of physical education and the 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.

**406/506. 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 instructor.

**407/507. PHYSIOLOGY OF EXERCISE.** (3) Offered on sufficient demand.

Fundamental concepts of human physiology and their application to programs of physical education and sports. Prerequisite: Biology 275 or consent of the instructor.

**415x. ADAPTED PHYSICAL EDUCATION AND RECREATION ACTIVITIES.** (3) Fall, Spring.

Methods, techniques, screening, and special programs for physical education and recreation activity for the atypical student. Required of all special education majors.

**450. SEMINAR IN PHYSICAL EDUCATION.** (2) Offered on sufficient demand.

Open only to majors in physical education in their senior year.

**601. 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. Prerequisite: Consent of department chairman.

**602. 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. Prerequisite: Consent of department chairman.

**603. 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. Prerequisite: Consent of department chairman.

**604. 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: 603 and consent of department chairman.



## RECREATION

### 130. OUTDOOR ACTIVITIES. (1) Fall, Spring.

The course will introduce students to various activities that are associated with the out-of-doors. Instruction will be provided in survival techniques, boat handling safety, canoeing, camping and activities associated with camping, supervision of outdoor activities, gun safety, and cookery. In addition, opportunity for practical experiences in a number of out-of-doors activities will be provided. Fee: \$22.

### 131. HUNTING AND GUN SAFETY. (1) Fall.

Instruction in gun care and safety as well as techniques used in big game, waterfowl, and upland game hunting. Student must furnish his own equipment.

### 132. BAIT CASTING, FISHING, AND BOATING SAFETY. (1) Spring.

Instruction in the proper use of bait casting equipment, fishing techniques for various species, current boating laws, and regulations designed for the safe operation of water craft.

### 265. CAMP LEADERSHIP. (2) Spring.

Study of and participation in camp organization, camp promotion, campfire programs, nature observation, camp athletics, hiking, and outdoor cooking. Fee: \$8.

### 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 a survey of vocational opportunities in the field.

### 325. RECREATIONAL SPORTS AND ACTIVITIES. (3) Spring.

Deals with aims and objectives, organization, administration of competitive and non-competitive activities and games for all ages, schedule making, scoring plans, rules and regulations, publicity, and public relations.

## DEPARTMENT OF PHYSICAL SCIENCE

### PROFESSORS:

William D. Williams, Ph.D.

Chairman

James Donald England, Ph.D.

#Maurice L. Lawson, M.S.

James E. Mackey, Ph.D.

Joseph E. Pryor, Ph.D.

Carroll W. Smith, Ph.D.

Edmond W. Wilson, Jr., Ph.D.

### ASSOCIATE PROFESSOR:

Clifford E. Sharp, M.S.T.

### ASSISTANT PROFESSOR:

##Lambert Murray, Ph.D.

#Retired August 13, 1982.

##Appointment effective August 23, 1982.

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. **A breakage deposit of \$30 (returnable less breakage) is required in each course that has a laboratory.** For the general science major see page 104.

### Chemistry

Major in Biochemistry: 72 hours in chemistry, biology, mathematics, and physics, including Chem. 121, 122, 261, 262,

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301, 302, 310, 324, 325, 326, 327, 411, 412; Biol. 151, 420; Physics 211, 212; Phy. Sci. 410; and Math. 171 (or 151, 152), 201, 251. C. Sc. 211 and German 105-106 are also required. Biol. 315, Chem. 312, and Math. 301 are recommended. Premedical and pre dental students will need to take Biol. 251 and 263 prior to taking their respective admissions tests. A minor is not required.

Major in Chemistry: 35 hours of chemistry, including 121, 122, 261, 301-302, 310, 411, 412, and 6 additional upper-level hours. The following supporting courses or equivalents must be completed: Physics 211-212, C. Sc. 211, Math. 251, Phy. Sci. 410, and additional science, computing and/or mathematics to total 69 hours in this area. Participation in a departmental seminar, Chem. 310, with a passing grade is required of all junior and senior majors. In addition, German 105-106 is also required. Chem. 312, Math. 301, 351, and Physics 301 are recommended. A minor is not required.

Minor: 18 hours of chemistry, including 6 advanced hours.

### Physics

Major: 34 hours of physics, including 211, 212, 301, 310, 411, 412, 421, and at least 2 hours of intermediate and/or advanced laboratory. The remaining hours may be selected from any of the following courses: Physics 305, 311, 321, 441, 444, or 450; Math. 313, 323, or 432; and Chem. 411-412. The following supporting courses or equivalents must be completed: Chem. 121, 122; C. Sc. 211; Math. 301 and 351; Phy. Sci. 410; and additional natural science; computer science and/or mathematics to total 69 hours in this area. Credit in German 105-106, French 101-102, or the equivalent proficiency is required. A double major in physics and 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 upper-level credit.

## CHEMISTRY

### 114-115. GENERAL CHEMISTRY. (4, 4) Fall, Spring.

The fundamental principles and applications of chemistry. 114 includes basic inorganic concepts and 115 presents a survey of organic chemistry and applications to biological systems. Prerequisites: Two years of high school algebra or Math. 105 and, for freshmen, minimum scores of 14 on both the English and mathematics sections of the ACT.

### 121-122. COLLEGE CHEMISTRY. (4, 4) Fall, Spring.

The theoretical and quantitative principles of chemistry, including equilibria, electro-chemistry, and laboratory qualitative analysis. Prerequisites: One year of high school chemistry or 114 and Math. 151 or higher which may be taken concurrently.

### 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: 122.

### 262. ANALYTICAL CHEMISTRY II. (4) Spring.

Continuation of 261 emphasizing instrumental analysis. Two class periods and six hours laboratory per week. Prerequisite: 261.



**271. ORGANIC CHEMISTRY PRINCIPLES.** (4) Fall.

A one-semester study of organic chemistry. This course is designed for students of biology, home economics, nursing, education, and preprofessional curricula requiring only four hours of organic chemistry. Approved by NAACLS for medical technology majors. Three class periods and four hours of laboratory per week. Prerequisite: 115 or 122. 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 four hours laboratory per week. Prerequisite: 122.

**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.

**312. ADVANCED INORGANIC CHEMISTRY.** (3) Spring. Alternate years; offered 1982-83.

Advanced topics in inorganic chemistry including atomic structure, periodic system, chemical bonding, coordination chemistry and radio-activity. Three class periods per week. Prerequisite: 122, Physics 202 or equivalent.

**324. BIOCHEMISTRY I.** (3) Spring.

The basic concepts of the chemistry of metabolism and 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.

**325. BIOCHEMISTRY LABORATORY I.** (1) Spring.

A laboratory designed to study physiology and biochemistry at the cellular level. Prerequisite: Enrollment or credit in 324. Voids credit in Biol. 421/521.

**326. 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: 324.

**327. BIOCHEMISTRY LABORATORY II.** (1) Fall.

The laboratory exercises are designed to build upon the physical and bio-organic applications of biochemistry. Prerequisites: 325 and enrollment in or credit in 326.

**405/505. 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.

**411/511-412/512. 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 four hours laboratory per week. Prerequisites: 261 and 302 or consent of the instructor, Physics 211-212 and Math. 251.

**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.

**410. THE CHRISTIAN VIEW OF SCIENCE AND SCRIPTURE.** (2 or 3) Spring.

Some of the topics considered are the Bible and science, presuppositions, logic, probability, scientific methods, origins, evolution, ethics, and the reasonableness of Christian faith. Open only to senior B.S. science and mathematics majors and to senior B.A. science and mathematics majors with the breadth and depth of scientific background needed for the course. Required of all B.S. science and mathematics majors. Approved as an upper-level Bible substitute. Prerequisite: Senior standing B.S. science or mathematics major and/or consent of instructor.

**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: Math. 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 or credit in Math. 251 and a grade of "C" in Math. 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 Math. 251.

**305. ELECTRONICS.** (2) Fall, Spring.

A course designed to provide a working knowledge of basic electronic devices. 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. At least five hours laboratory per week. Prerequisite: Consent of the instructor.

**310. PHYSICAL SCIENCE SEMINAR.** (1) Fall and Spring.

Interdepartmental physics and chemistry seminar in which each senior major will prepare and deliver at least one seminar. Required of all junior and senior majors, but credit is earned only in the spring semester of the senior year.

**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 Math. 301. The latter may be taken concurrently.

**321. THERMODYNAMICS AND STATISTICAL MECHANICS.** (3) Fall. Alternate years; offered 1982-83.

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 Math. 301 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 of 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.

**411/511-412/512. ELECTROMAGNETIC THEORY.** (3, 3) Fall, Spring. Alternate years; offered 1983-84.

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: Math. 351.

**415/515. ADVANCED LABORATORY.** (1) Offered on demand.

Selected experimental 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.

**421/521. ANALYTICAL MECHANICS.** (3) Spring. Alternate years; offered 1982-83.

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 Math. 351.

**441/541. MATHEMATICAL PHYSICS.** (3) Offered on sufficient demand.

A survey of various mathematical techniques employed in the study of physics. Topics covered will vary according to the background of the students. Normally included are Fourier series, complex analysis, calculus of variations, and integral transforms. Prerequisite: Math. 351.



444/544. **SELECTED TOPICS.** (3) Offered on sufficient demand. 1982-1983 Harding University Catalog

Study of certain advanced physics topics. Class meetings will be arranged by the instructor. Prerequisite: Consent of the instructor.

450/650. **INDEPENDENT STUDY.** (1-3) Offered on demand.

Directed readings and/or research for qualified senior/graduate physics majors. Prerequisite: Consent of the appropriate member of physics faculty.

## DEPARTMENT OF PSYCHOLOGY

PROFESSOR:

Walter L. Porter, Ph.D.

ASSOCIATE PROFESSORS:

Lewis L. Moore, Ph.D.

Jack D. Thomas, Ph.D.

Chairman

ASSISTANT PROFESSOR:

Robert McKelvain, Ph.D.

INSTRUCTOR:

Dwight Ireland, Ed.D.

The Department of Psychology has been designed to achieve the following objectives:

1. To provide a basic education in the science of psychology.
2. To assist the student in promoting his skills in human relations.
3. To prepare students for advanced study leading to a professional career in psychology and/or counseling.
4. To relate and integrate the psychological truths found in the Word of God with the knowledge of modern psychological science in order to promote a more complete understanding of human nature.

Major in Psychology: 36 hours in psychology, including 201, 325, 380, 382, 385, 400, 409, 412, and 438. Students preparing for graduate study in psychology should also take 315, 375, and 424. In addition, Math. 105 or a more advanced course is also required.

Major in Psychology (for those certifying to teach psychology as a teaching field): 36 hours in approved psychology courses, 18 of which must be upper-level hours, including 201, 240, 307, 315, 380, 382, 438. In addition, certification in a second teaching field, including supervised teaching, is required.

Those students who plan to do graduate study in psychology are strongly encouraged to elect Biol. 275, 276 and C. Sc. 211 in their undergraduate program.

Minor in Psychology: 18 hours in psychology, including 201 and 6 hours of upper-level work.

Minor in Psychology (for Bible majors): 201, 240, 380, 382, 385, 412.

**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. Not open to first-semester freshmen.

**240. DEVELOPMENTAL PSYCHOLOGY.** (3) Fall, Spring.

General study of all aspects of psychological development from infancy through adulthood with emphasis on physical and motor, mental and language, emotional and social development. Prerequisite: 201.

**325/525. PSYCHOLOGICAL PSYCHOLOGY.** (4) Fall.

A study of the basic biological processes contributing to human behavior, including a detailed review of the nervous system with an emphasis on sensory processes. Three class periods and three hours laboratory per week. Prerequisite: 201 or consent of instructor. Fee: \$11.

**325/525. STATISTICS.** (3) Fall.

An introduction to the scientific method as applied to psychology through a study of research techniques and mathematical analysis. Emphasis upon developing skill with descriptive statistics. Prerequisite: 201 and Math. 105 or consent of instructor.

**375. EXPERIMENTAL PSYCHOLOGY.** (4) Spring.

Introduction to the methods of psychological science. Emphasis in the design and analysis of experiments including experience with laboratory techniques for both animal and human subjects. Three class periods and three hours laboratory per week. Prerequisite: 325.

**376. EXPERIMENTAL PSYCHOLOGY SEMINAR.** (3) Offered on demand.

Supervised study in conducting psychological research, including experience in the review of research literature, design, data gathering and analysis, and report writing. Emphasis will be on preparing students for graduate-level research. Prerequisite: 375 and consent of instructor.

**380/580. PSYCHOLOGY OF PERSONALITY.** (3) Fall.

Representative theories of personality are analyzed for their contribution to understanding human growth and development, psychopathology, and behavior change. The relationship of theory to assessment and research is examined. Prerequisite: 201.

**382/582. BEHAVIORAL DISORDERS.** (3) Fall, 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: 201 or Educ. 203.

**385/585. COUNSELING.** (3) Fall.

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, 380, and 382.

**400/500. PSYCHOLOGICAL TESTING.** (3) Spring.

History and development of mental measurements; theory of test construction; and techniques for test evaluation. Emphasis upon developing familiarity with various tests of intelligence, personality, interest, and special aptitudes. Two class periods and two hours laboratory per week. Prerequisites: 201 and 325, or consent of instructor. Fee: \$11.

**409/509. EXPERIMENTAL SOCIAL PSYCHOLOGY.** (3) Fall, Spring.

Introduction to research methods and current studies in psychology that pertain specifically to the social sciences. Specific experiments will be studied in depth as they apply to current trends and issues in social psychology. Prerequisite: 375.

**412/512. TECHNIQUES OF COUNSELING.** (3) Spring.

Methods of gathering, analyzing, and interpreting case data in counseling. The analysis of dynamics of counselor-counselee relationship. Interviewing techniques. Use of test results in counseling. Prerequisite: 385.

**424/524. HISTORY AND SYSTEMS.** (3) Fall.

A study of the historical and philosophical developments of psychology; emphasis upon contributions of important leaders and schools of psychology and consideration of current problems in psychology. Prerequisite: 18 hours of psychology or consent of instructor.

**438/538. PSYCHOLOGY OF LEARNING.** (3) Spring.

A study of the psychological principles involved in learning, including memory and motivation, and their applications to the understanding of human development and personality. Two class periods and two hours laboratory per week. Prerequisite: 201 or consent of instructor.



**440/540. FIELD EXPERIENCE IN PSYCHOLOGY.** (1-3) Offered on demand. Participation in an approved mental health, mental retardation school, industrial or experimental setting. Experience supervised by a professor in the area of the student's interest. Prerequisite: 12 hours in psychology and consent of the department chairman.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on demand. Individual study or research for qualified senior/graduate majors in psychology. May be taken three times for credit. Prerequisite: Consent of department chairman and instructor.

## DEPARTMENT OF SOCIOLOGY AND SOCIAL SERVICES

### PROFESSOR:

Billy D. Verkler, Ph.D.  
Chairman

### ASSOCIATE PROFESSOR:

Francis Van Tate, Ph.D.

### ASSISTANT PROFESSORS:

#Charles M. Joiner, M.S.S.W.

Mary Shock, M.S.S.W.

Director of Social Work Program

### INSTRUCTOR:

Susan Vaught Clark, M.S.S.W.

#Resigned May 9, 1982.

The Department of Sociology and Social Services seeks to achieve the following objectives:

1. Develop in students an understanding of the social and cultural aspects of human behavior.
2. Acquaint students with the nature of society through application of the scientific method.
3. Provide basic background for students who seek careers in sociology and various social services.
4. Prepare students adequately for graduate and professional study in sociology and social work.
5. Provide students with other majors a fundamental knowledge of human relations so that they can function more efficiently in various facets of modern society.
6. Assist students interested in mission work to understand cultures other than their own.

The undergraduate major in Social Work is accredited by the Council on Social Work Education, the national professional accrediting agency for social work.

### BACHELOR OF ARTS DEGREE

Minor in Anthropology: 18 hours from the department, including Anthro. 250, 320, 381, 401, and Soc. 440.

Minor in Family Life: 25 hours, including Bible 212; Econ. 320; Home Ec. 214, 251; Psy. 240 or Home Ec. 323; Soc. 301, 345; and 6 hours elected from Anthro. 381, Bible 321, Home Ec. 322, and Soc. Wk. 401. If one of the courses is included in the major, then another elective must be chosen in meeting the 25-hour requirement.

Major in Applied Sociology: 54 hours in approved courses, including the basic 22-hour core of Anthro. 250; Soc. 203, 325, 330,

1982-1983 Harding University Catalog, 440, 450 (1 hour minimum), with the additional 32 hours

dependent upon vocational goals. Math. 105, or a more advanced course, is also required. For a research emphasis, C. Sc. 211, 215, 218; Eng. 281; Journ. 301, 392; Math. 151; Soc. Wk. 400 and 7 elective hours in the department are required. For a corrections emphasis, Psy. 380, 382, 385; Soc. 342, 350, 355; Soc. Wk. 400 and 11 elective hours in the department are required. For an administration and planning emphasis, Eng. 381; Geog. 212; Journ. 392; Mgt. 332, Pol Sci. 304; Soc. 350, 355 and 11 elective hours in the department are required. A minor is not required.

Major in Sociology: 33 hours in approved courses, including 203, 325, 330, 408, 430, 440, 450; and Anthro. 350. Math. 105, or a more advanced course, is also required. Six hours of a foreign language are highly recommended. A minor is required.

Minor in Sociology: 18 hours, including 203 and 6 hours of upper-level work.

### BACHELOR OF SOCIAL WORK DEGREE

Major in Social Work: 66 hours of anthropology, psychology, social work, and sociology, including Anthro. 250, 381; Psy. 201, 382; Soc. Wk. 275, 300, 350, 351, 352, 412, 450 (for 9 hours), 451; and Soc. 203, 305, 325, 330, 350, 405, 408, 410. Math. 105, or a more advanced course, is required. A minor is not required.

### ANTHROPOLOGY

**250. ANTHROPOLOGY.** (3) Spring.

An introduction to the diversity of culture. Comparison of behavioral patterns and values in various societies with an emphasis on understanding and appreciating cultural diversity. Attention is given to the problems of cross-cultural communication.

**320. ETHNOLOGY.** (3) Spring. Alternate years; offered 1982-83.

Study of a variety of world cultures with emphasis placed upon kinship, political and economic systems, religion, value systems, and social change.

**381. CULTURE AND PERSONALITY.** (3) Fall.

The impact of culture on the development of individual personality. A survey of different theories of personality and their contribution toward understanding human behavior. Relation of theory to research and applications. Prerequisite: Soc. 203 and/or Psy. 201.

**401. APPLIED ANTHROPOLOGY.** (3) Spring. Alternate years; offered 1981-82.

Practical application of the understanding of man. How to identify and communicate with other people within and across cultures. Important for anyone who will be communicating with others, especially in foreign cultures and subcultures within American culture. Prerequisite: 250 or consent of instructor.

### SOCIAL WORK

**275. INTRODUCTION TO SOCIAL WELFARE AND SOCIAL WORK.** (3) Fall.

A study of the development of social work and the social welfare institution: structure, function, and process. An introduction to social work practice, values, and professional orientation. Prerequisite: Psy. 201 and Soc. 203.

**300. SOCIAL WELFARE POLICY.** (3) Spring.

Examination of basic social welfare policies and their relation to current social work practice. Consideration of both legislative and agency processes of policy formulation. Special attention is given to Social Security guidelines. Student experience in formulating and interpreting policy guidelines. Prerequisite: 275.

**350-351. SOCIAL WORK METHODS I & II.** (3, 3) Fall, Spring.

Developing knowledge and skill in problem identification, strategy selection, and implementation of varied intervention approaches with individuals/groups, and the larger community. Developing communication skills (verbal and non-verbal), including practice in expository writing and in oral expression of ideas, and use of effective counseling techniques. Prerequisite: 275.



**352x. SOCIAL WORK METHODS III.** (3) Fall.

Current social issues in social work practice, including minorities, women's issues, etc. Effective methods of dealing with such issues. Prerequisite: 351.

**400/500. GROUP PROCESSES.** (3) Spring.

Organization of groups and development of leadership; group modification of individual conduct, group work and research.

**401/501. PRINCIPLES OF CASEWORK WITH CHILDREN.** (3) Spring.

Developing skills needed in working with children who have unique problems who may be from unstable homes or who have been removed from their natural parents. Particular attention will be given to the cause and effect of overt behaviors that are manifestations of inner turmoil.

**412. COMMUNITY PRACTICUM.** (3) Fall.

A combination of seminar and extended community contact with service agencies designed to expose the student to practice in an agency setting. Teams of students will carry out project assignments under the joint supervision of the department and the community agency. Prerequisite: 351 and Soc. 305.

**450. FIELD PLACEMENT.** (9) Offered on demand.

Individual study or research on selected topics in social work. Will include supervised field work. Prerequisite: 351. Open only to senior majors in social work.

**451. 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. Co-requisite: 450.

**SOCIOLOGY****203. GENERAL SOCIOLOGY.** (3) Fall, Spring.

An introduction of 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. Attention is given to cultural diversity and understanding of group interaction in our multi-ethnic society.

**301. COURTSHIP AND MARRIAGE ADJUSTMENT.** (3) Spring.

Study of role relationships and interpersonal behavior in courtship and marriage. Emphasis on practical application of basic facts and different perspectives on the family to assist in establishing guidance for behavior.

**305. THE AMERICAN COMMUNITY.** (3) Spring.

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.

**325. STATISTICS.** (3) Fall.

Introduction to measurements and statistical techniques as used in sociology and social work. Includes a review of basic mathematical processes. Development of skill in the use of these processes and techniques in scientific analysis of social situations. Two class periods and two hours laboratory per week. Prerequisite: Math. 105 or a more advanced course in mathematics.

**330. RESEARCH METHODS.** (3) Spring.

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.

**345. INTRODUCTION TO GERONTOLOGY.** (3) Fall. Alternate years; offered 1982-83.

Role of the aged in American society; impact of social change and special problems of the elderly.

**350x. ORGANIZATIONAL BEHAVIOR.** (3) Fall.

Social aspects of the structure and functioning of modern formal organizations, including industrial, governmental, and educational systems. The effect of bureaucracy and formation of informal groups within the systems. Prerequisite: 203.

**355. COLLECTIVE BEHAVIOR.** (3) Fall.

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.

**405/505. 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.

**408/508. SOCIAL PSYCHOLOGY.** (3) Fall.

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: Psy. 201. Soc. 203 is recommended.

**410/510. MINORITY GROUPS.** (3) Fall.

The identity, goals, and organizations of minority groups; race relations as a social problem. Prerequisite: 203.

**430x/530x. URBAN DEVELOPMENT.** (3) Spring. Alternate years; offered 1983-84.

Theory of urban development; the growth of cities in modern times; social characteristics of fringe and suburban areas. Urban problems and the social processes underlying change. Prerequisite: 203.

**440/540. HISTORY OF SOCIOLOGICAL AND ANTHROPOLOGICAL THEORY.** (3) Spring. Alternate years; offered 1982-83.

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 anthropology and/or sociology, including Soc. 203 and Anthro. 250; and, for juniors, permission of the instructor.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on demand.

Individual study or research for seniors/graduates majoring in sociology and social work. Prerequisite: 203 and consent of the instructor and chairman of the department.

**451x. INTERNSHIP IN REGIONAL AND URBAN AFFAIRS.** (3) Offered on demand.

Experience in working with some agency of the state or local government under supervision of agency personnel and an academic advisor. Prerequisite: 203 and consent of the department chairman.

**DEPARTMENT OF SPEECH****PROFESSORS:**

Evan Ulrey, Ph.D.

Chairman

John H. Ryan, Ph.D.

Richard W. Walker, Ph.D.

**ASSISTANT PROFESSORS:**

#Billy G. Brant, M.A.

###Louis Butterfield, Ed.S.

##Morris Ray Ellis, M.A.

Patrick Garner, Ph.D.

Charles L. Parker, M.A.

Daniel C. Tullos, M.C.D.

**INSTRUCTORS:**

#Patrecia G. Brant, M.Ed.

C. Robin Miller, M.A.

#Resigned December 17, 1981.

##On leave of absence 1981-82.

###Appointment effective August 23, 1982.

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, drama, oral reading, mass communications, and speech therapy, to prepare teachers of speech, and to furnish a sound undergraduate foundation for graduate studies in speech.

Major in Speech: 34 hours of speech including 204, 210, 211, 250,



majors must earn credit in at least three semesters of co-curricular activity courses numbered 131, 141, 151, 161, 171, 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. No more than four hours of co-curricular activity courses may be presented for graduation. A minor is required.

Major for secondary school teachers: 39 hours of speech including 204, 206, 210, 211, 250, 251 or 280, 255, 260, 261 or 265, 271, 275, 310, 405, 410, and three semesters of co-curricular activity courses in at least two areas. A minor is required.

Minor in Speech: 18 hours including 210, 211, 204 or 255, 250 or 405, 260, 265 or 275, 271, and 1 hour from 131, 141, 151, 161, 171. Those certifying to teach speech in high school must complete a minimum of 24 hours of speech, properly selected.

Minor in Speech (for Bible majors): 18 hours, including 210, 255 or 350, 260 or 275, 261 or 265, 271, 341, and 351.

Major in Drama: 65 hours in speech, English, and art, including Art 200 or 210, 249; Eng. 371; Speech 121, 131 (2 hours), 204, 206, 211, 251, 255, 260, 261, 271, 275, 306, 308, 310, 311, 312, 352, 405, 410; and six additional hours to be elected from Art 375; Eng. 350; Speech 161, 210, 265, 280, 281, 315, 341, 350, 351. It is recommended that the student elect P. E. 127 and 129 for the two elective hours of activity. A minor is not required.

Minor in Drama: 18 hours, including 121, 131, 204, 206, 211 and/or 255, and additional electives from 306, 308, 310, 311 or 312.

Major in Mass Communication: 65 hours, including Art 249-250; Bus. 315; Journ. 303, 392; Psy. 325 or Soc. 325 or Bus. 255; Speech 141 (2 hours), 211, 251, 255, 260, 261, 271, 275, 280, 281, 310 or 311, 351, 371, 372, 405, 410, 441 or 442. Math. 105 or a more advanced course is required in the general education program. A minor is not required.

Major in Speech Therapy: 61 hours of speech, biology and education, including Speech 210 or 255, 211 (for 3 hours), 250, 252, 254, 260 or 261, 300 (for 3 or 4 hours), 400, 401, 402, 405, 406, 408, 420; Biol. 151, 275; Educ. 307, 336, 407 and 3 additional hours elected from 303, 409, 414. Students must enroll in Speech 300 each semester they are involved in therapy services. All general education courses required for teacher certification must be met by **course credit**, including Educ. 203 (in place of Psy. 201), Hist. 101, Health Ed. 203 and 3 hours of activity courses, 3 hours of mathematics, Pol. Sci. 205, and Soc. 203. Students majoring in speech therapy must gain admission to the teacher education program and to the supervised clinical experience semester. A minor is not required.

**101. BASIC SPEECH COMMUNICATION.** (3) Fall, Spring.

Instruction and practice in the theory and skills of public and interpersonal communication, 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 in speech.

**121. INTRODUCTION TO ACTING.** (3) Fall. Alternates with 310; offered 1982-83. Lecture-laboratory in acting methods and techniques. Practical application in the drama workshop.

**130. 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 university 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.

**171x. FORENSICS LABORATORY.** (1) Fall, Spring.

Credit may be earned for satisfactory participation in intercollegiate individual events. This course may be taken two times for credit. Prerequisite: Consent of the forensics instructor.

**204. INTRODUCTION TO EDUCATIONAL THEATRE.** (2) Fall. Alternates with 206; offered 1983-84.

Orientation to the theory and practice of theatre arts, including a survey of puppetry, creative dramatics and stage plays. Study in production problems, play selection, direction and personnel management.

**206. INTRODUCTION TO THE TECHNICAL THEATRE.** (2) Fall. Alternates with 204; offered 1982-83.

Basic theory and practice in six major areas of technical production, including the use of tools and stage equipment in the construction of scenery, properties, lighting, costumes, make-up, and sound.

**210. PUBLIC SPEAKING.** (2) Fall, Spring.

Preparation, delivery, and critical evaluation of prepared speeches. Prerequisite: 101 or consent of instructor.

**211. VOICE AND ARTICULATION.** (2-3) Fall, Spring.

The use of the normal voice, disorders of the voice, identification of articulation and pronunciation problems, including methods of working with voice disorders. Speech therapy majors must enroll for 3 hours credit and will spend 2 additional hours each week dealing with articulation disorders and therapy techniques.

**250. INTRODUCTION TO SPEECH THERAPY.** (3) Fall.

A survey of common speech, language, and hearing disorders with emphasis on causation and management. A laboratory period is required. Speech therapy majors must also enroll concurrently in 252.

**251. BROADCASTING.** (3) 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.

**252. DIAGNOSTIC PROCEDURES AND EDUCATIONAL PROGRAMMING IN SPEECH THERAPY.** (1) Fall.

Current diagnostic methods for principal pathologies of speech and language. The use and preparation of "Individual Educational Programs" in the public school speech therapy program. Speech therapy majors must also enroll concurrently in 250.

**254. LANGUAGE DISORDERS.** (3) Spring. Offered in alternate years; offered 1982-83.

Identification and remediation of language problems: developmental, aphasia, delayed language, environmental deprivation, mental retardation, and brain injury. Prerequisite: 250.

**255. ORAL INTERPRETATION OF LITERATURE.** (3) Fall.

Analysis and oral presentation of the various literary genres, including the essay, prose fiction, poetry, and drama.



- 260. INTERPERSONAL COMMUNICATION.** (3) Spring. Alternates with 261; offered 1982-83.  
Elements and contexts of interpersonal communication, including self-concept, verbal and non-verbal behavior, conflict, feedback, feelings, and perceptions of others in interpersonal contexts such as small groups and across cultures.
- 261x. NONVERBAL AND CROSS-CULTURAL COMMUNICATION.** (3) Fall. Alternates with 265; offered 1983-84.  
A study of the major aspects of and of the variables affecting nonverbal communication with special emphasis upon the cross-cultural contexts of nonverbal behavior.
- 265. ARGUMENTATION AND PERSUASION.** (3) Fall. Alternates with 261; offered 1982-83.  
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.
- 271x. PARLIAMENTARY LAW.** (1) Spring.  
Study and practice of the principles of parliamentary procedure as they apply to the conduct of all types of business and professional meetings.
- 275. SMALL GROUP AND ORGANIZATIONAL COMMUNICATION.** (3) Spring. Alternates with 260; offered 1983-84.  
Theories and methods of group problem solving and of organizational communication.
- 280. INTRODUCTION TO MASS COMMUNICATIONS THEORY.** (3) Spring. Alternates with 281; offered 1982-83.  
Investigation and analysis of the theories of mass communications systems in the United States. Emphasis on the uses and future of all types of mass media.
- 281. RADIO AND TELEVISION PROGRAMMING.** (3) Fall. Alternates with 280; offered 1983-84.  
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 or consent of the instructor.
- 300. CLINICAL PRACTICE.** (1) Fall, Spring.  
Laboratory in speech correction. The course may be taken four times for credit. Prerequisite: 250.
- 306. CONTEMPORARY DRAMA.** (3) Spring. Alternates with 308; offered 1982-83.  
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.
- 308. THEATRE HISTORY.** (3) Spring. Alternates with 306; offered 1983-84.  
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 1983-84.  
Lecture-workshop in selecting, analyzing, staging, and producing plays. Includes student directing of short plays. Prerequisite: 204 and 206 or consent of instructor.
- 311. SCENE DESIGN AND STAGE LIGHTING.** (3) Spring. Alternates with 312; offered 1982-83.  
A study of form and style in scene design. Requires the execution of perspective sketches, elevation drawings and renderings or models or settings designed for varying styles and periods. Prerequisite: 206 or consent of the instructor.
- 312. COSTUME AND MAKE-UP.** (3) Spring. Alternates with 311; offered 1983-84.  
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.
- 315/515. SPEECH IN THE ELEMENTARY SCHOOL.** (3) Fall, Spring.  
A study of teacher and student communicative roles with particular attention to speech activities such as dramatics, oral reading, speech improvement, and phonetics.
- 315/515. CHRISTIAN COMMUNICATION.** (3) Spring.  
Classical and modern principles of communication as they relate to the Christian imperative to communicate the faith.
- 350. ORAL INTERPRETATION OF THE BIBLE.** (3) Fall. Alternates with 351; offered 1983-84.  
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.
- 351x. RELIGIOUS BROADCASTING.** (3) Fall. Alternates with 350; offered 1982-83.  
Principles and practice of adapting religious messages to the electronic media. Prerequisite: 251.
- 352/552. INTERPRETERS THEATRE.** (3) Offered on sufficient demand.  
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 interpreters theatre scripts. Emphasis on analysis and criticism of the literature and on program building. Prerequisite: 255 or consent of instructor.
- 371x. RADIO PRODUCTION AND WRITING.** (3) Spring. Alternates with 372; offered 1982-83.  
The creation of programs for radio: writing, directing, acting, and effective use of equipment. Application of critical standards to the creative process. Prerequisite: 251 or consent of instructor.
- 372x. TELEVISION PRODUCTION AND WRITING.** (3) Spring. Alternates with 371; offered 1983-84.  
The creation of programs for television: writing, directing, acting, and effective use of equipment. Application of critical standards to the creative process. Prerequisite: 251 or consent of instructor.
- 400/500. ADVANCED SPEECH CORRECTION.** (3) Spring. Offered in speech therapy block.  
Identification and correction of more involved types of speech abnormalities: aphasia, cleft palate and cerebral palsied speech, and stuttering. Prerequisite: 250 or equivalent.
- 401/501. VOICE SCIENCE.** (3) Fall. Alternates with 402/502; offered 1982-83.  
A study of the anatomy, physiology, and acoustics of voice production.
- 402/502. AUDIOLOGY.** (3) Fall. Alternates with 401/501; offered 1983-84.  
A study of the process of hearing, of tests for impaired functions of the ear, and of rehabilitation of the aurally handicapped. Supervised practice in testing hearing. Prerequisite: 250.
- 405/505. 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.
- 406/506. PSYCHOLOGY OF LANGUAGE DEVELOPMENT.** (3) Spring. Offered on sufficient demand.  
A study of normal and delayed language development; the foundation 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. Prerequisite: 250.
- 408x/508x. AURAL REHABILITATION.** (3) Spring. Offered in Speech Therapy block.  
A study of the handicap of hearing impairment with its habilitation and rehabilitation. Attention will be given to signing, auditory training and speech reading. Speech conservation, counseling and the use of amplification will also be studied. Prerequisite: 250.
- 410/510. RHETORICAL AND COMMUNICATION THEORY.** (3) Spring.  
Introduction to ancient and modern theories of oral public discourse. Development of critical theory and practice.
- 420. SUPERVISED CLINICAL PRACTICE.** (6) Spring.  
A minimum of eight weeks of full-time clinical experience in an approved speech therapy clinic. Prerequisite: 250, 300 (2 hours), 400, 401, and 402, and formal admission to the clinical experience program. Fee: \$35.
- 441/541, 442/542. 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. Prerequisite: 251, 280.



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**450/550. ADVANCED INDIVIDUAL STUDY.** (1-3) Offered on demand. Seminar in drama, oral interpretation, broadcasting, speech therapy, communications theory, rhetoric and public address, phonetics, or speech education. May be repeated for a maximum of 6 hours total credit as each level. Prerequisite: Consent of department chairman.

**650. DIRECTED READINGS.** (1-3) Offered on demand.

## SCHOOL OF BUSINESS

DEAN: David B. Burks, Ph.D., CPA

### PROFESSORS:

David B. Burks, Ph.D., CPA  
#Ermal H. Tucker, M.S.

### ASSOCIATE PROFESSORS:

Donald P. Diffine, Ph.D.  
Director, Belden Center for Private Enterprise Education  
Robert J. Kelly, Ed.D.  
Director, Business and Office Education  
Robert H. Reely, Ed.D.  
Director, Center for Management Excellence

### ASSISTANT PROFESSORS:

James Behel, M.B.A.  
LaVon Carter, M.B.A.  
James Randal Henderson, Ph.D., CPA  
Assistant to the Dean  
Kenneth Johnson, M.B.A., CPA  
Director, Accounting Program  
Thomas Maddox, M.B.A., CPA  
Marvin Hilliard Robertson, B.S., J.D.  
Barbara Karaffa Statom, M.A.  
David Tucker, M.B.A., CPA  
Mark Van Rheenen, M.B.A., CPA  
Charles R. Walker, M.S.  
Steve D. White, M.B.A., CPA

### INSTRUCTOR:

##David M. Johnson, M.B.A., CPA

### ASSOCIATE INSTRUCTORS:

David Perkins, B.B.A.  
##Marlea Johnson, B.A.

#Retired May 9, 1982.

##Appointment effective August 23, 1982.

### PURPOSE

The primary purpose of the School of Business is to prepare students in a Christian environment for professional careers in business. Morality in business is stressed. Business 435 is required of all majors during the junior or senior year and is an approved substitute for a Bible course the semester it is taken, if the minimum 8 hours of textual Bible has been taken. The School seeks to develop **Christian professionals.**

### BACHELOR OF BUSINESS ADMINISTRATION DEGREE

The following majors are offered in the School of Business.

**Accounting:** Preparation for entry level positions leading to careers in corporate, public, and governmental accounting;

Preparation for uniform Certified Public Accountant examination.

**Business Education:** Preparation for certification to teach all high school business courses. All Arkansas requirements fulfilled.

**Economics:** Preparation as professional economists in industry or in government, preparation for either law or business school. Graduate or professional school highly recommended.

**Management:** Preparation for supervisory positions in institutional, commercial, and industrial organizations; personnel positions; retailing positions; and selling positions with insurance companies.

**Marketing:** Preparation for positions in personal selling, retailing sales management, and marketing research.

**Office Administration:** Preparation for administrative assistant, executive secretarial and supervisory positions.

**Systems Analysis:** Preparation in business and computing for professional careers in basic programming, supervision of programming, and systems analysis and design.

### ASSOCIATE OF ARTS DEGREE

The School of Business also offers both one-year and two-year terminal programs in secretarial science to prepare students for general, clerical, and secretarial office positions. The two-year program leads to the Associate of Arts degree.

### SPECIAL PROGRAMS/FACILITIES

#### American Studies Program

All students in the School of Business have an opportunity to hear presentations made by internationally known authorities who are guests on the campus as a part of the lecture series of the American Studies Program. The guest lecturers usually spend two days on campus and keynote at least one program for the American Studies group.

In addition to the lecture series, the American Studies Program provides an opportunity for juniors and seniors with "B" averages or better to make week-long trips each semester to major cities for practical exposure to problems encountered in major metropolitan areas.

#### Intercollegiate Business Gaming

Business students at Harding have distinguished the University as a national leader in intercollegiate marketing and business competition, having won a record three championships at the Intercollegiate Marketing Games at Michigan State University and four championships at the Emory University Business Games in Atlanta, Georgia. Harding won its first divisional title at the University of Nevada — Reno Invitational Games in 1979. Students are selected for the intercollegiate team on the basis of scholarship in the School of Business and leadership potential.

#### Belden Center for Private Enterprise Education

Begun in 1976, the Belden Center for Private Enterprise Education is basically staffed by student volunteers. The Center's goal is to collect, write, and disseminate in a multi-media fashion private enterprise-related information which is positive, non-partisan, and balanced in its approach. The **ENTREPRENEUR**, a quarterly publication of the Center, is mailed around the country



to alumni of the School of Business and to other interested individuals, businesses, Chambers of Commerce, and professional associations.

**Economics Team**

The Harding University Economics Team is composed of students who are interested in free enterprise economics and are willing to develop creative and effective ways to promote it. These teams have won six of the seven regional Students in Free Enterprise competitions since 1976. Harding's "Capitalism Corps" won first place in national competitions with other colleges and universities in 1980 and 1981 after placing second in 1978 national competition.

**SBI Program**

The Small Business Institute program, jointly sponsored by Harding University and the United States Small Business Administration, is designed to provide an integration of academic instruction and practical experience for participating students. Students work under the direction of a faculty advisor and serve as consultants to local small businesses in providing management counseling.

**Center of Management Excellence**

Organized in the summer of 1981, the Center of Management Excellence will promote management expertise through workshops, seminars, and consulting service. The Center was designated a "Small Business Development Center" in 1982.

**Management Seminar**

The School of Business in conjunction with the American Studies Program initiated in January of 1973 annual management seminars. Business executives of Arkansas and surrounding states have attended these seminars which are open to students.

**Society for the Advancement of Management**

Organized in the spring of 1981, the Society provides management majors opportunities to hear outside speakers and make visits to various industrial firms.

**Pi Gamma Psi**

Composed of students majoring in Accounting, Pi Gamma Psi provides services and educational opportunities for students interested in professional careers in accounting. Various outside speakers are invited to the campus each year to enrich the academic program.

**Computer Facilities**

Harding has a fully-equipped academic Computer Center which utilizes a time-sharing Digital VAX 11/750 computer system. The Computer Center maintains 32 computer terminals for student use and instruction. All students are required to take at least one three-hour course in computing.

**SPIRITUAL EMPHASIS**

**Fall Seminar**

An annual all-day fall seminar is conducted for all juniors and seniors in the School at Camp Wyldewood on the topic of Business Ethics. Outside speakers as well as faculty members and students are used in discussing how goals can be set and implemented that will allow all involved to fully utilize their tal-

**Christian Business Ethics**

To give further emphasis to the development of a Christian professional, a new course entitled "Christian Business Ethics" was developed and implemented in the fall of 1976. This course is required of all students in the School and serves as their Bible requirement during the semester in which it is taken, if the minimum 8 hours of textual Bible has been taken. A case study discussion approach is used in this class.

**HONOR SOCIETY**

**Delta Mu Delta**

The Alpha Upsilon chapter of Delta Mu Delta, a national honor society in business administration, was formed at Harding in 1976. The purpose of the society is to encourage higher scholarship and to recognize and reward scholastic achievement in business administration programs. Candidates for membership must have completed a minimum of 64 hours of course work with a cumulative average of 3.2 or better and be in the top 20 percent of the class.

**AWARDS FOR STUDENTS**

The following awards are presented annually to outstanding students in the School of Business: Outstanding Systems Analysis Award, Orbit Valve Scholarship Award (Systems), Outstanding Senior Accounting Award, Outstanding Business Administration Award, Outstanding Business and Office Education Award. In addition, the Wall Street Journal Award is given annually to the best overall student in the School of Business.

**CORE REQUIREMENTS**

All Bachelor of Business Administration degrees require a uniform business core of 42 hours. The purpose of the core requirements is to provide students with an understanding of a generally recognized common body of knowledge in business. The core requirements are:

Courses	Hours	Credit	Courses	Hours	Credit
Acct. 205-206	6		CIS 214	3	
Bus. 255	3		Econ. 201-202	6	
Bus. 315	3		Mgt. 368	3	
Bus. 343	3		Mgt. 430	3	
Bus. 350	3		Mkt. 330	3	
Bus. 435	2		Math. 210	4	

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE REQUIREMENTS**

**ACCOUNTING:** Major: 72 hours, including Core; Bus. 316; Acct. 301, 302, 305, 306, 401, 410, and 6 additional hours in accounting; and 3 hours of electives in the School of Business. A minor is not required. (Acct. 360 does not count toward accounting major.)

Minor: 18 hours in accounting. The following additional courses are recommended: Bus. 255, 315, 316; Econ. 201-202; Mgt. 368; and Math. 210.

**BUSINESS EDUCATION:** Major (Plan 1): 82 hours, including Core; Bus. 102, 107, 117, 251, 252; Econ. 320; Educ. 203, 205, 307, 320, 336, 417, 421, 451; and Soc. 203. (Note: Business Education majors (Plan I) may delete Phy. Sci. 102, Eng. 201 or 202, and Art 101



or Music 101 from their General Education requirements (1982-1983 Harding University Catalog, Bus. 255 from the Core.) A minor is not required.

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

**BUSINESS EDUCATION:** Major (Plan II): 76 hours, including Core; Bus. 106, 117; Econ. 320; Educ. 203, 205, 307, 320, 336, 417, 421, 451; 2 hours elected from the School of Business; and Soc. 203. A minor is not required. (Note: Business Education majors may delete Phy. Sci. 102 from the general education requirements and Bus. 255 from the Core.)

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

**ECONOMICS:** Major: 69 hours including Core; Acct. 360; Econ. 310, 311, 340, 420; Mgt. 333; and 9 hours elected in the School of Business. A minor is not required.

Minor: Acct. 205; Econ. 201-202, 310 or 311, 340 or 420, and 3 hours of electives in the School of Business.

**MANAGEMENT:** Major: 69 hours including Core; Acct. 306, 360; Bus. 316; Mgt. 332 or 333, 354, 425, and 9 hours elected in the School of Business. A minor is not required.

Minor: Acct. 205; Econ. 201, 320; and 9 hours of electives in the School of Business, 3 hours of which must be upper-level. Bus. 350 and Mgt. 368 are highly recommended.

**MARKETING:** Major: 69 hours, including Core; Acct. 360; Mkt. 335, 336, 337, 400; and 12 hours elected in the School of Business. A minor is not required.

**OFFICE ADMINISTRATION:** Major: 58 hours, including Core; Acct. 360 or Bus. 252; Bus. 102, 107, 117, 251; and Econ. 320. A minor is not required.

**SYSTEMS ANALYSIS:** Major: 69 hours, including Core: Acct. 305; CIS 220, 221, 271, 272, 329, and 421; and 6 hours of electives in the School of Business. A minor is not required.

Minor in Stenography: 18 hours, including Bus. 102, 106, 107, 251, 350; and 5 hours elected in the School of Business.

Minor in Clerical: 18 hours, including Acct. 205; Bus. 105, 107, 117, 218; Comp. 214; and 4 additional hours elected in the School of Business, including 3 upper-level hours.

#### ASSOCIATE OF ARTS DEGREE

**SECRETARIAL SCIENCE:** 64 hours, including 8 hours of Bible (101, 112, and 4 hours elected from 204, 211, 212, and 213); 27 hours of General Education (Biol. 111; 6 hours from Eng. 102-103-104; Hist. 101; Math. 101 or higher; P.E. 101; Psy. 201; Speech 101 and 4 hours of electives); and 29 hours of Secretarial Science (Bus. 102, 106, 107, 117, 218, 251, 252; CIS 214; Econ. 201; Acct. 205; and one course chosen from Acct. 206 or Bus. 315 or 350). In addition, a 2.00 grade point overall and a 2.00 grade point in the major in all work completed at Harding and 32 hours in residence at Harding, including 24 of the last 32 hours, are required.

#### ACCOUNTING

**205. FUNDAMENTALS OF ACCOUNTING.** (3, 3) Fall, Spring, Summer.

Introduction to elementary accounting theory, practice, and analysis; conceptual development of the full accounting cycle; discussion of accounting for sole proprietorships, partnerships, and corporations; introduction to managerial applications of accounting. A grade of "C" or better in 205 is required for enrollment in 206.

**301/501-302/502. INTERMEDIATE ACCOUNTING.** (3, 3) Fall, Spring.

In-depth study of accounting theory, practice, and procedures; emphasis on application of theoretical concepts to problem analysis and accounting practice, including preparation and interpretation of financial reports of sole proprietorships, partnerships, and corporations; exposure to alternative accounting treatments. Prerequisite: 206 with a grade of "C" or better. A grade of "C" or better in 301/501 is required for 302/502.

**305. COST ACCOUNTING.** (3) Fall, Spring, Summer.

Elements of production under the job cost, process cost and standard cost systems; inventorying materials; payrolls and taxes; budgets; wage plans and other related topics. Prerequisite: 206.

**306/506-307/507. FEDERAL TAXATION.** (3, 3) Fall, Spring, Summer.

Broad coverage of federal tax structure including tax law relating to individuals, partnerships, corporations, estates, trusts; includes preparation of tax returns and tax planning under current tax law. Prerequisite: 206.

**360/560. MANAGERIAL ACCOUNTING.** (3) Fall, Spring.

Emphasizes the role of accounting information in managerial decision making for planning and control. Stress is on cost and analysis rather than cost record keeping. Analysis of financial statements, responsibility accounting, performance evaluation, cost budgeting, cost control, and long-range planning. Course designed for non-accounting majors. Does not count toward accounting major. Prerequisite: 206.

**401-402. ADVANCED ACCOUNTING.** (3, 3) Fall, Spring.

Intensive analysis of accounting theory and practice; coverage of the more complex problems of accounting for corporate consolidations, partnerships, estates, trusts, governmental units, and not-for-profit entities; also includes discussion of miscellaneous advanced theoretical topics. Prerequisite: 302.

**403x. ACCOUNTING THEORY.** (3) Spring.

Extensive investigations of underlying theoretical concepts of accounting. Historical development of accounting theory with a special emphasis on income measurement and asset valuation. Review of past CPA examinations. Prerequisite: Acct. 302.

**410. PRINCIPLES OF AUDITING.** (3) Fall, Spring, Summer.

Discussion and application of audit theory and procedure; emphasis on internal controls, audit techniques, working papers, auditor opinions, legal responsibilities, professional ethics. Prerequisite: 302.

#### BUSINESS

**101. BEGINNING SHORTHAND.** (3) Fall, Spring.

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 co-requisite: 105 or equivalent. Fee: \$5.50.

**102. INTERMEDIATE SHORTHAND.** (3) Fall.

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 three times a week. Prerequisite: A grade of "C" or better in 101 or equivalent ability. Fee: \$5.50.

**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: \$13.75.

**106. INTERMEDIATE TYPEWRITING.** (2) Fall.

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: \$13.75.

**107. ADVANCED TYPEWRITING.** (2) 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: \$13.75.



**117. BUSINESS MACHINES.** (2) Fall, Spring.

Instruction and practice in the use of modern calculating machines; proficiency developed on 10-key adding machine; extensive practice and application of business problems on electronic display and printing calculators, and rotary calculators; class meets two hours a week; extra laboratory practice provided as needed. Fee: \$13.75.

**218. CLERICAL SKILLS.** (1 or 2) Fall, Spring.

Two areas of study: (1) Filing and records management, and (2) operation and skill development on word processing equipment — automatic typewriters, Executive IBM, 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: \$13.75.

**251. SECRETARIAL PROCEDURES.** (3) Fall.

An intensive study of the duties required of secretaries, with special emphasis on appearance, attitudes and personality traits, as well as the technical requirements. Prerequisites: 102, 105, and 218 or equivalent skills.

**252. ADVANCED DICTATION AND TRANSCRIPTION.** (3) Spring.

Extensive dictation practice to develop speed to 100-120 words per minute. Practice in technical dictation; procedures for notetaking speeches. Extra dictation practice in multi-channel dictation laboratory as needed. Emphasis on improvement of transcription techniques and speed. Meets three times a week. Prerequisites: A grade of "C" or better in 102 or equivalent ability; and 107 which may be taken concurrently. Fee: \$5.50.

**255. INTRODUCTORY STATISTICS.** (3) Fall, Spring, Summer.

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: Math. 210.

**315, 316/516. 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.

**343. MANAGERIAL FINANCE.** (3) Fall, Spring, Summer.

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: Acct. 206 and Econ. 201-202.

**350. BUSINESS COMMUNICATIONS.** (3) Fall, Spring, Summer.

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. Fundamentals of oral communication in business. Prerequisite: English 103.

**435. CHRISTIAN BUSINESS ETHICS.** (2 or 3) Fall, Spring.

A study of the ethical teachings of the Bible as applied to the field of business; including a study of Biblical passages related to business conduct, corporate ethics, individual ethics, and mutual responsibilities of employers and employees. This course is open only to junior and senior business majors, is required for graduation, and is an approved substitute for Bible the semester it is taken.

**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.

**625x. PRINCIPLES AND PHILOSOPHIES OF BUSINESS EDUCATION.** (3) Summer only.

Brief historical review of business education; current philosophies and attitudes affecting business education; curriculum development at the secondary school level; the challenging role of business education in a changing business and industrial environment.

**INDEPENDENT RESEARCH AND DIRECTED READINGS.** (3-6) Offered on demand.

Individual study for qualified graduate students. Prerequisite: Consent of Director of Business Education.

**658x. THESES.** (3) Offered on demand.

See Education 658.

**COMPUTER INFORMATION SYSTEMS****214x. FUNDAMENTALS OF COMPUTER PROCESSING.** (3) Fall, Spring, Summer.

Introduction to concepts of computer systems, including hardware, software, personnel requirements and systems development. Programming in BASIC PLUS enables the student to become familiar with the operation of a computer. Fee: \$33.

**220. INTRODUCTION TO STRUCTURED PROGRAMMING USING COBOL.** (3)

Fall, Spring, Summer.

The fundamental concepts of program structure and design are presented with a vocational emphasis. Computer organization, charting and design techniques, structured programming concepts, and testing schemes will be covered. Prerequisite: 214. Fee: \$33.

**221x. APPLICATIONS PROGRAMMING.** (3) Spring.

Students will develop programs for random-access files, learn about data structures, and utilize the full set of COBOL instructions to form systems of structured programs. Prerequisite: 220. Fee: \$33.

**271. SYSTEMS ANALYSIS.** (3) Fall.

In-depth initiation into the system development life cycle. Documentation and communication aids are introduced as well as interpersonal approaches and techniques used in analysis. Prerequisite: 220.

**272. SYSTEMS DESIGN.** (3) Spring.

In-depth study of design techniques with emphasis on structured systems, data base, data structures. Project management concepts will be covered, such as user involvement, structured walk-through, testing, implementation, auditing. Prerequisites: 271. Fee: \$33.

**329x. SMALL BUSINESS SYSTEMS WITH RPG APPLICATIONS.** (3) Fall.

Configuration of computer systems for small business involving analysis and design characteristics. Typical business applications and their solutions using RPG programming. Fee: \$33.

**421x. SOFTWARE DEVELOPMENT PROJECT.** (3) Spring.

This course is taught in a team environment and is used to demonstrate application system development and project management. It is intended to be the capstone course for students majoring in systems analysis. Topics covered include: project management concepts, analyzing a given system, scheduling implementation, implementing data base, designing physical input and output, building modules in a top-down fashion, and communication skills. Several programming languages can be used in the development of the project. Prerequisite: 272. Fee: \$33.

**450x. INDEPENDENT STUDY.** (1-3) Offered on demand.**ECONOMICS****201. PRINCIPLES OF MACROECONOMICS.** (3) Fall, Spring, Summer.

The overall-workings of the economy and its major subdivisions, the free enterprise system, monetary and fiscal policy.

**202. PRINCIPLES OF MICROECONOMICS.** (3) Fall, Spring, Summer.

Individual consumers; business; monopoly and agricultural pricing; pricing in product and resource markets. Prerequisite: 201 or consent of instructor.

**310. INTERMEDIATE MACROECONOMICS.** (3) Fall. Alternate years; offered 1983-84.

An in-depth study of general equilibrium. The overall-workings of the economy studied in terms of the investment market, goods market, and money market. Stabilization policies are analyzed. Special attention is given to fiscal and monetary policy. Prerequisite: 201-202.

**311. INTERMEDIATE MICROECONOMICS.** (3) Spring. Alternate years; offered 1983-84.

The nature of economics systems is studied with reference to efficiency, equity, and growth. Prices and free-enterprise markets are analyzed in terms of efficiency and equity. Consumer choice and production theory are studied in-depth. Prerequisite: 201-202.



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**315. ECONOMIC EDUCATION FOR ELEMENTARY TEACHERS.** (3) Fall. Basic economic 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) Fall.

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.

**340/540. ECONOMIC HISTORY.** (3) Spring. Alternate years; offered 1982-83.

A study of the evolution of economic ideas and events from ancient to modern times with analysis of the American economy from colonial times, including particular emphasis on the period from the industrial revolution to the present. Prerequisite: 201-202.

**420/520. COMPARATIVE ECONOMIC SYSTEMS.** (3) Fall. Alternate years; offered 1982-83.

Application of macro and microeconomic analysis to evaluate traditional, command, market, and mixed economies with respect to fulfilling the economic goals of freedom, efficiency, growth, stability, justice, and security. Prerequisite: 201-202.

**445/545. FREE MARKET ECONOMICS.** (3) Summer. Offered on sufficient demand.

Instruction to dramatize, simplify, and enrich the understanding of economic individualism and the concept of freedom applied to a market economy. Cost-benefit analysis is applied to evaluate the balance achieved between the private and the public sector in economic policy and performance.

**MANAGEMENT**

**331x. CHRISTIAN LEADERSHIP.** (3) Spring.

Intensive study of Biblical principles designed to enrich the leadership skills of present and potential church leaders. Course modules include New Testament concepts of leadership, leadership style, leadership by objectives, motivation, organization and delegation, group dynamics, initiating change, and time management. Primarily for Bible and other non-business majors.

**332. PERSONNEL MANAGEMENT.** (3) Fall, Spring.

Study of selection, placement, training, wage administration, performance evaluation; and discharge of employees.

**333. COLLECTIVE BARGAINING.** (3) Fall, Spring, Summer.

Legal and social framework for labor-management relations, union and management viewpoints; organizational relationships, the collective bargaining process, contract negotiation and administration.

**354. PRODUCTIONS/OPERATIONS MANAGEMENT.** (3) Fall, Spring.

Study of production function in business, systems theory, product and capacity decision systems, and operating decisions systems.

**365. SMALL BUSINESS INSTITUTE.** (2 or 3) Fall and on sufficient demand.

A practical training ground for departmental majors, supplementing academic training, to furnish management assistance counseling to members of the small business community. Clients are provided by the U.S. Small Business Administration. Prerequisite: Junior or senior standing and consent of the instructor.

**368. ORGANIZATIONAL BEHAVIOR.** (3) Fall, Spring, Summer.

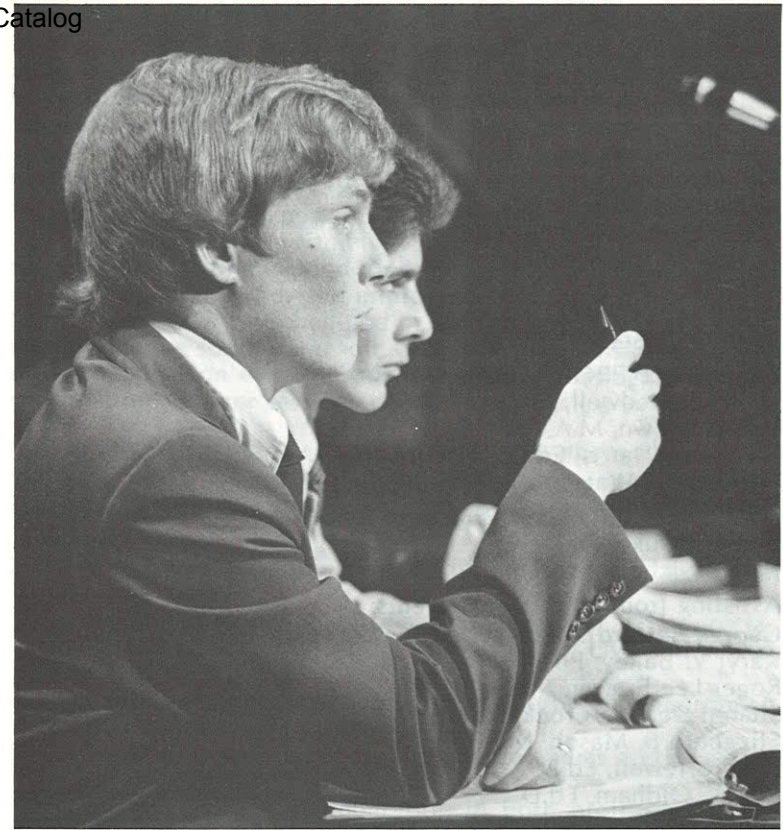
Techniques and policies needed to handle human relations problems in business, government, and education. Fundamentals of organizational behavior, motivation, leadership, formal and informal organization, social environment, and communication and group processes.

**425/525. ORGANIZATIONAL THEORY AND STRUCTURE.** (3) Fall, Spring.

Intensive study of human relations factors. Use of case study approach. Prerequisite: 368.

**430. ADMINISTRATIVE POLICY SIMULATION.** (3) Fall, 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 school dean. Fee: \$16.50.



**MARKETING**

**330. PRINCIPLES OF MARKETING.** (3) Fall, Spring, Summer.

An introductory survey course covering the principles of choosing target markets, assessing their needs, developing products and services, and delivering them at a value to the customer and a profit to the company. Emphasis is placed on developing a managerial point of view in planning and evaluating marketing decisions of the firm.

**335/535. SALES STRATEGY.** (3) Fall.

The art of personal selling is examined with emphasis on understanding the buyer, selling environment and selling techniques. It covers personal selling fundamentals as well as vital sales management topics. Role playing, case analysis, films, and outside speakers of utilized.

**336. INDUSTRIAL MARKETING.** (3) Fall.

This course focuses on the marketing of industrial products, including the topics of buyer behavior, negotiating, buyer-seller interaction, product strategy, marketing channels, market segmentation, industrial distribution, pricing, advertising, and sales force management. Special attention is given to understanding industrial buyers, their purchasing problems, and their behavior.

**337/537. RETAIL MARKETING.** (3) Spring.

The development of policies, methods, and managerial strategies to accommodate the rapidly-changing retail environment.

**400. MARKETING RESEARCH.** (3) Spring.

This course provides an understanding of research methodology and the application of current research techniques in solving marketing problems. Focus is upon a research project encompassing all aspects of research from problem definition to report presentation.



**SCHOOL OF EDUCATION**  
DEAN: Bobby L. Coker, Ed.D.  
DIRECTOR OF GRADUATE STUDIES:  
Wyatt Jones, Ed.D.

**PROFESSORS:**

Bobby L. Coker, Ed.D.  
Director of Teacher Education  
Jerome M. Barnes, Ed.D.  
James F. Carr, Jr., Ed.D.  
Wyatt Jones, Ed.D.  
Edward G. Sewell, Ph.D.

**ASSOCIATE PROFESSORS:**

H. Wade Bedwell, Ph.D.  
Lois L. Brown, M.A.  
Mary Ann Harris, Ed.D.  
Betty Work Watson, M.A.

**ASSISTANT PROFESSOR:**

Richard Duke, Ph.D.  
James Nichols, M.Ed.

**Assisting from other Departments:**

George Edward Baggett, D.M.E.  
Karyl V. Bailey, Ph.D.  
Roger Lee Brewer, M.S.  
Sharen Deacon Crockett, M.S.  
Elizabeth B. Mason, M.A.  
Fred R. Jewell, Ed.D.  
Bill W. Oldham, Ed.D.  
Elaine C. Thompson, M.A.  
Ermal H. Tucker, M.S.  
Evan Ulrey, Ph.D.  
George W. Woodruff, Ed.D.  
Winfred O. Wright, Dr. de l'Universite

Other qualified representatives from various departments may assist in the supervision of student teaching as the need arises.

**OVERVIEW OF THE TEACHER EDUCATION PROGRAM**

The School of Education has the primary responsibility for the preparation of students for successful careers in the teaching profession. To this end undergraduate programs have been developed that lead to the Bachelor of Arts, Bachelor of Science, or Bachelor of Business Administration, or Bachelor of Music Education degree, depending upon the major. Graduate programs leading to the degree of Master of Education have also 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,

1982-1983 Harding University Catalog, is provisional for those who do not hold a six-year teacher's certificate or its equivalent based on a degree. Graduating seniors within nine semester hours of graduation are eligible for admission to graduate work provided they observe the regulations concerning admission to the graduate program. For additional information concerning graduate work see the section on the Graduate Studies that follows.

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.

**AIMS OF THE TEACHER EDUCATION PROGRAM**

The aims of the School of Education at Harding University 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 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 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, driver's education, English, French, general science, health education, home economics, journalism, mathematics, music, physical education, physics, social science, Spanish and speech. Students may also be certified to teach in the middle school and in speech therapy. 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 1982-1983 Harding University Catalog  
tary administration.

### BASIC BELIEFS OF THE PROGRAM

The education of teachers is an institution wide function and is the responsibility of the entire faculty. The School of Education has the primary responsibility for planning and administering the teacher education program. The Dean of the School of Education is the Director of Teacher Education. 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 minimum amount of training required must be a bachelor's degree.
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 from 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 increased level of achievement.
6. Teacher training requires a balance of general, professional, and subject field education.

### GRADUATE STUDIES

Graduate studies at Harding University's Searcy campus lead to the Master of Education 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 informa-

tion 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 university.

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 by 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 the first 12 hours must be at least 6 hours from the subject-matter area. Admissions to graduate study does not imply admission to candidacy for the Master of Education 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 university may register for graduate courses during their final semester's work, provided they lack not more than 9 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 of graduate work during any semester and are not to exceed 6



hours during either summer term. With the approval of the department chairman involved and the Director of Graduate Study, students may carry a maximum of 18 graduate and undergraduate hours during any semester but not to exceed 15 hours of graduate work. Full-time teachers are limited to not more than 6 hours per semester. The minimum full-time load for graduate study is 9 hours per semester.

All work for the Master of Education 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 courses numbered 500 or above. A minimum of 15 semester hours of the 32 required for the degree must be in courses numbered 600 or above. Eligibility to enroll in courses numbered 600 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 Education 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 Education degree. An official transcript from Educational Testing Service of scores achieved on the National Teachers Examination must be on file in the Graduate Office. See pages 69 and 70 for outlines of graduate curricula.

Those interested in the Master of Education program at Harding University should write Dr. Wyatt Jones, Director of Graduate Studies, Harding University, Box 884, Searcy, Arkansas 72143, for a **Graduate Catalog** and application for admission forms.

### ORGANIZATION FOR TEACHER EDUCATION

Responsibility for the administration of the total undergraduate teacher education program is assigned to the Dean of the School of Education. The Teacher Education Committee is an institution-wide interdepartmental committee with student representation, and is 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 Teacher Education Committee.

### GENERAL EDUCATION REQUIREMENTS

The following general education requirements **must be satisfied by course credit** to meet state department certification requirements. These requirements cannot be satisfied by exemption tests.

1. English (may include Speech 101, but excludes Humanities, Journalism and other Speech) — 12 semester hours.
2. Biological Science, Physical Science, and Mathematics (**one course in each**) — 9 semester hours.

3. Social Studies (including a minimum of one course in U.S. History and one course in U.S. Government) — 12 semester hours. (To meet Harding's requirements, Sociology 203 must also be included.)
4. Physical Education (including Health Education 203 and 3 semester hours of physical education activity) — 6 semester hours.

### 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 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 university.
2. File a formal application for admission to the program in the office of the School 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 except Education 202, 203, 204, 205, and 303.
3. Have satisfactorily completed Education 203 or an acceptable equivalent substitute approved by the Dean of the School of Education. (Beginning in the summer of 1981, elementary education majors must take Educ. 202, students preparing to teach in the secondary schools must take Educ. 203, and special education majors must take both Educ. 202 and 203. An acceptable equivalent substitute must be approved by the Dean of the School of Education. Students should take Educ. 204 or 205 before applying for admission.)
4. Obtain an up-to-date transcript from the Registrar's Office to submit with the application for admission to the Teacher Education Program.
5. Have a minimum cumulative grade point average of 2.20 at the time of application.
6. Have demonstrated proficiency in English by the successful completion of 6 hours from Eng. 102-103-104\*, with at least a grade of "C" in each course.
7. Be free of physical or mental defects inimical to effective teaching and pass a speech and hearing test administered by the Speech Department clinic.

\*For students certifying to teach English, Eng. 281 is accepted in lieu of Eng. 104.



- 8. Meet acceptable standards of adjustment in the areas of personal, social, moral, and ethical behavior. Letters of recommendation, conference with university personnel acquainted with the student, and special interviews with the student may be used to make evaluations in these areas.
- 9. 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.
- 10. Not be on academic probation at time of making application.

Formal admission to the teacher education program is a prerequisite for enrollment in all junior-senior level education courses required for certification, except Education 303. Students are requested to make application to the program not later than the end of the second semester of their sophomore year, provided all prerequisites have been satisfactorily completed. 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 Dean of the School 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 to and Retention in Teacher Education.

Applicants for the supervised teaching semester in elementary education must have completed Educ. 203, (202 beginning in the fall of 1981), 204, 307, 336, 404, and 15 semester hours selected from Art 211, Biol. 308, Econ. 315, Eng. 350, Math. 225, Music 116, P.E. 330, Speech 315, one course from Geog. 212, 300 or 301 prior to the supervised teaching semester. Educ. 320 may be completed prior to the supervised teaching semester or 320 may be completed during the supervised teaching semester.

Applicants for the supervised teaching semester in secondary education, except for vocational home economics majors, must have completed Educ. 203, 205, 307, 320, 336, and one course from Educ. 419-430, unless the audio-visual and special methods courses are 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 Educ. 307, 320, 336, 424, and Home Ec. 322 or 323.

Applicants for the supervised teaching semester in Special Education/Mildly Handicapped must have completed Educ. 202,

203, 204, 303, 307, 336, 400, 404, 408, 414; 18 semester hours from Eng. 350, Health Educ. 203, Math 115, 225, P.E. 415, Soc. 203, Speech 250; and two courses selected from Art 415, Music 116, Speech 315, P.E. 330 prior to the supervised teaching semester. Educ. 320 may be completed prior to the supervised teaching semester or 320 may be completed during the supervised teaching semester. The requirement is similar for Special Education/Specific Learning Disabilities and Special Education/Mental Retardation which are offered for the last time in 1982-83.

All but one of the courses Educ. 202 and/or 203, 307 and 336 **must** be taken in residence at Harding, and it is strongly recommended that all be taken in residence. None of these courses 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.
- 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. Obtain an up-to-date transcript from the Registrar's Office to file with the application for admission to supervised teaching.
- 4. Have approval of chairman of his academic teaching area.
- 5. Have approval of his professional advisor.
- 6. Have on file in the office of the School of Education a curriculum plan showing a program of study which has the approval of both his academic and professional advisors.
- 7. Have completed satisfactorily all catalogued prerequisites for the supervised teaching semester.
- 8. 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.
- 9. Have a minimum cumulative grade point average of 2.25 and at least a 2.00 average in Educ. 202 and/or 203, 307 and 336, having taken no more than one of these courses at another institution.
- 10. 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 the elementary or special education major.
- 11. Not be on academic probation.

**SUPERVISED TEACHING SEMESTER**

During the supervised teaching semester, elementary education majors will be enrolled in Educ. 401, 402, 403, 415, 441, and 320 if not already completed. Special education majors with a mental retardation emphasis will be enrolled in Educ. 401 or 402, 403, 409, 415, 471, and 320 if not already completed. Special education majors with a learning disabilities emphasis will be enrolled in Educ. 401 or 402, 403, 405, 415, 475, and 320 if not already completed. Secondary education majors, except for vocational home economics majors, will be enrolled in Educ. 320, 417, 419-430, 450 and 451 or 461. Students majoring in vocational home economics will be enrolled in Educ. 320, 417, 451, and



Home Ec. 405, 412. Special methods for secondary 1982-1983  
Educ. 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 unless  
approved otherwise by the Teacher Education Committee.

### CURRICULA

Major in Elementary Education: 34 hours, including Education 203, (202 beginning in the fall of 1981), 204, 303, 307, 320, 336, 401, 402, 403, 404, 415, 441. The following content and specialization courses must be completed: Art 211; Biol. 308; Econ. 315; Eng. 350; one course from Geog. 212, 300 or 301; Health Ed. 203; Math. 115, 225; Music 116; P.E. 330; Soc. 203; and Speech 315. **Students seeking certification as a kindergarten teacher must also take Educ. 381 or 383, 410, and 411.** A minor is not required.

Major in Secondary Education: 30 hours, including Educ. 203, 205, 307, 320, 336, 417, one course from 419-430, 451, and at least 6 additional hours of education elected from Educ. 303, 382, 400, 405, 406, 407, 408, 409, 414, 416, and another course from 419-430. In addition, Soc. 203, Health Ed. 203 and 3 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, 205, 307, 320, 336, 417, one course from 419-430, 450, 451 (or 461); Sociology 203; and 6 hours of physical education including Health Education 203 and 3 hours of physical education activity. All students planning to teach on the secondary level must major in a subject-matter area or, with the exception of students who major in Bible or psychology, **meet minimum Arkansas certification requirements in at least two subject-matter areas.**

Major in Special Education (Mental Retardation emphasis): 77 hours in Educ. 203, 204, 303, 320, 336, 401 or 402, 403, 404, 405, 406, 415, and 471; Psy. 400; one course from Psy. 382, Educ. 414, or Art 415; Speech 250; and the following content and specialization courses: Art 211; Biol. 308; Econ. 315; Eng. 350; one course from Geog. 212, 300 or 301; Health Ed. 203; Math. 115, 225; Music 116; P.E. 330; and Soc. 203. A minor is not required. This major is being phased out. It is not open to freshmen, sophomores, and juniors.

Major in Special Education (Specific Learning Disabilities emphasis): 77 hours in Educ. 203, 204, 303, 336, 401 or 402, 403, 404, 408, 409, 415, and 475; Psy. 400; one course from Psy. 382, Educ. 414, or Art 415; Speech 250; and the following content and specialization courses: Art 211; Biol. 308; Econ. 315; Eng. 350; one course from Geog. 212, 300 or 301; Health Ed. 203; Math. 115, 225; Music 116; P.E. 330; and Soc. 203. A minor is not required. This major is being phased out. It is not open to freshmen, sophomores, and juniors.

Major in Special Education (Mildly Handicapped): 77 hours in Education 202, 203, 204, 303, 307, 320, 336, 401, 403, 404, 407, 408, 409, 414, 415, and 475; Psy. 400; P.E. 415; two courses selected from Art 415, Music 116, Speech 315, and P.E. 330; Speech 250; and the following content and specialization courses: Eng. 350, Health Ed. 203, Math 115, 225; Soc. 203. This is

Special Education major that will be open to students who are freshmen, sophomores, or juniors. It will be implemented so that **they** can graduate on schedule; however, students who are seniors should pursue one of the three Special Education majors outlined on page 164.

A student may certify to teach in both special education areas by completing Educ. 405, 406, 408, 409, 471, and 475 in addition to the requirements common to both majors. This option is not open to students who are freshmen, sophomores, and juniors.

Health Ed. 203, Hist. 101, Pol. Sci. 205, Soc. 203, and **3 hours of credit in mathematics** are required of **all** students certifying to teach.

#### 202x. HUMAN GROWTH AND DEVELOPMENT I. (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 from infancy through the middle school age child. Cannot be taken by correspondence. **6 hours of observation are required.**

#### 203x. HUMAN GROWTH AND DEVELOPMENT II. (3) Fall, Spring.

A continuation of 202 beginning with the middle school age child and continuing through adulthood. Cannot be taken by correspondence. **6 hours of observation are required.**

#### 204. DIRECTED EXPERIENCES, ELEMENTARY AND SPECIAL. (2) Fall, Spring.

Participation in a variety of instructional activities and observations in a school setting. Required of students certifying in elementary and special education. Fee: \$10.

#### 205x. DIRECTED EXPERIENCES, SECONDARY AND K-12. (1) Fall, Spring.

Participation in a variety of instructional activities and observations in a school setting. Required of students certifying K-12 and at the secondary level. Must be taken concurrently with 203. Transfer students who have had 203 without a field experience component will be required to take 205. Fee: \$10.

#### 303/503. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3) Fall, Spring.

A study of those children considered to be exceptional, in reference to their educational and psychological needs, with discussion of all phases and concepts of exceptionality. Prerequisite: 203 or Psy. 240.

#### 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 or 3) 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: \$11.

#### 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.

#### 381. KINDERGARTEN PRACTICUM. (3) Fall, Spring.

Practical application of theories and methods in working with pre-school children. **Students who have completed, or will complete, 441 in grades 1-3 need take this for only 3 hours.** Other students certifying for kindergarten will need to take 383 for 6 hours. Prerequisite: 203, 307, 336, and 410 or 411; a minimum of 15 hours from Art 211, Biol. 308, Econ. 315, Eng. 350; one course from Geog. 212, 300 or 301; Math. 225, Music 116, Physical Education 330, Speech 315; and junior standing. Fee: \$17.50.



**383. KINDERGARTEN PRACTICUM.** (6) Fall, Spring.

Same as 381 except twice as much time must be spent working with pre-school children. **Must be taken by students who have completed or will complete, 441 in grade 4 or higher.** Prerequisites: Same as for 381. Fee: \$35.

**400x. MEASUREMENT AND EVALUATION OF THE EXCEPTIONAL CHILD.** (3)  
Not offered in 1982-83.

Special diagnostic procedures for children who are exceptional, with emphasis on the interpretation and application in the educational process.

**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. Student will have some out-of-pocket expense in developing collections. 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 collection and organization of materials for supervised teaching. Student will have some out-of-pocket expense in developing collections. Prerequisites: Same as for Education 441. This course should be taken during the supervised teaching semester.

**403. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.** (2) Fall, Spring.

A course designed to acquaint teachers with research, methods, and materials for teaching the area of language arts — spelling, handwriting, listening, speaking, and creative writing. **Requires at least 6 hours of laboratory work.** Prerequisites: Same as for Education 441. This course should be taken during the supervised teaching semester. Fee: \$11.

**404/504. SURVEY OF TEACHING READING.** (3) Fall, Spring.

A course designed to provide teachers with understanding of the foundations, research, methods, and materials for reading instruction at the elementary level. Prerequisites: Formal admission to the teacher education program and at least junior standing.

**405/505. 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: Formal admission to the teacher education program. Usually taken during the supervised teaching semester.

**406/506. 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: Formal admission to the teacher education program.

**407x/507x. PRINCIPLES OF BEHAVIORAL MANAGEMENT.** (3) Fall.

Study of behavioral management principles with special emphasis on behavior modification with attention given to the planning of individualized educational programs for each child. Prerequisite: Formal admission to the teacher education program.

**408/508. NATURE/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. Prerequisite: Formal admission to the teacher education program.

**409/509. 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 students. Prerequisite: Formal admission to the teacher education program. Usually taken during supervised teaching semester.

**410/510. KINDERGARTEN CURRICULUM.** (3) Fall.

Study of techniques of teaching content of the kindergarten curriculum. **Minimum of 6 hours of laboratory work.** Prerequisite: Admission to the teacher education program.

**411/511. KINDERGARTEN METHODS AND MATERIALS.** (3) Spring.

Objectives, materials and methods of teaching in the kindergarten curriculum. **Minimum of 6 hours of laboratory work.** Prerequisite: Admission to the teacher education program.

**414/514. PSYCHOLOGY OF THE EMOTIONALLY DISTURBED CHILD.** (3) Spring.  
Introduces student with a variety of diagnostic and theoretical approaches to children who are emotionally disturbed and behaviorally disordered. The course is organized so that all the major theoretical approaches are reviewed, compared, and contrasted. This course is designed to give the necessary practical tools for implementation of a program for children in conflict. Prerequisite: Admission to the teacher education program and junior standing or higher.

**415/515. DIAGNOSIS AND CORRECTION OF READING DIFFICULTIES.** (3) Fall, Spring.

Study of causes of reading difficulties, diagnosis of reading problems, and appropriate remedial measures. Prerequisite: Same as for Education 441.

**416x/516x. THE MIDDLE SCHOOL.** (3) Spring.

A practical and contemporary study of methods and materials of teaching in the Middle School along with a study of the organization and the development of the Middle School curriculum. An exploration of future trends in subject-field content at the Middle School level will be explored through discussion, problem solving, and projects.

**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 451 or 461. Should be taken during the supervised teaching semester; exceptions must be approved in advance by the Dean of the School of Education.

**419-430. SPECIAL METHODS OF TEACHING HIGH SCHOOL SUBJECTS.**

The courses listed below deal with the curriculum and methods of teaching the various high school subjects. At least one of these special methods courses is either a prerequisite or a co-requisite to the supervised teaching semester. Prerequisite: Formal admission to the teacher education program. Fee: \$11 each.

**419. 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. Fee: \$11.

**420. TEACHING ART.** (3) Spring.

Techniques and methods of teaching art in the secondary school. Required of all art education majors. Fee: \$11.

**421. TEACHING BASIC BUSINESS.** (3) Spring.

The objectives and place of business education in the curriculum, the application of methods for the basic business understanding, and techniques and methods of teaching business subjects in the secondary schools. Fee: \$11.

**423. TEACHING ENGLISH.** (3) Spring.

Techniques and methods of teaching English in the secondary school. Fee: \$11.

**424. TEACHING HOME ECONOMICS.** (3) Fall.

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. Fee: \$11.

**425. TEACHING MATHEMATICS.** (3) Spring.

Techniques and methods of teaching mathematics in the secondary school. Required of all mathematics education majors. Fee: \$11.

**426. SECONDARY MUSIC METHODS.** (3) Fall, Spring.

Organization and objectives of music education programs, methods of instruction and the directing of choral organizations in high school. Registration restricted to music majors. Fee: \$11.

**427. METHODS AND MATERIALS IN PHYSICAL EDUCATION.** (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. Fee: \$11.

**428. TEACHING SCIENCE.** (3) Fall.

Techniques and methods of teaching the biological, physical and earth sciences in the secondary school. Fee: \$11.

**429. TEACHING SOCIAL SCIENCE.** (3) Fall.

Techniques and methods of teaching social science in the secondary school. Fee: \$11.



**430. TEACHING SPEECH.** (3) Fall.

Methods of instructing speech at the secondary level: speech fundamentals, public speaking, discussion, debate, interpretation, radio and drama. Fee: \$11.

**441. SUPERVISED TEACHING: ELEMENTARY.** (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. Prerequisites: Educ. 202, 204, 303, 307, 320, 336, 404; a minimum of 15 hours from Art 211, Biol. 308, Econ. 315, Eng. 350; Geog. 212, 300 or 301, Math. 225, Music 116, P. E. 330, Speech 315; and formal admission to the supervised teaching semester. Transfer students with advanced standing in Educ. 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 Dean of the School 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: \$35.

**450. STUDENT TEACHING SEMINAR.** (1) Fall, Spring.

Prerequisite: Enrollment in 451 or 461.

**451. SUPERVISED TEACHING: SECONDARY.** (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, 205, 307, 320, 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 Educ. 307 or 336 may be required to do additional laboratory work in the course taken in residence here. Application to the supervised teaching semester must be filed with the Dean of the School 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: \$35.

**461. SUPERVISED TEACHING: K-12.** 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 P. E. 129 and 330 in their programs. Prerequisites for admission are the same as for Education 451 except for additional courses that will be designated by the Dean of the School of Education. Read the course description for Educ. 451. Fee: \$35.

**471. SUPERVISED TEACHING: MENTALLY RETARDED.** (6-8) Fall.

A minimum of eight weeks of teaching mentally retarded under supervision of a qualified supervising teacher. Prerequisite: A minimum of 15 hours from Educ. 303, 336, 405, 406; Psy. 382, or Educ. 414 or Art 415; Psy. 400; and Speech 250; a minimum of 15 hours from Art 211, Biol. 308, Econ. 315, Eng. 350, Geog. 212, 300 or 301, Math. 225, Music 116, and P. E. 330; and formal admission to the supervised teaching semester. Application to the supervised teaching semester must be filed with the Dean of the School 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: \$35.

**475. SUPERVISED TEACHING: SPECIFIC LEARNING DISABILITIES.** (6-8) Spring.

A minimum of eight weeks of teaching under supervision of a qualified supervising teacher. Prerequisites: a minimum of 15 hours from Education 303, 336, 408, 409; Psy. 382 or Educ. 414 or Art 415; Psy. 400; and Speech 250; a minimum of 15 hours from Art 211, Biol. 308, Econ. 315, Eng. 350, Geog. 212, 300 or 301, Math. 225, Music 116, and P. E. 330; and formal admission to the supervised teaching semester. Application to the supervised teaching semester must be filed with the Dean of the School 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: \$35.

**481x. STUDENT TEACHING PRACTICUM.** (3) Fall, Spring.

A minimum of four weeks of teaching, or its equivalent, in a regular school situation under the supervision of a qualified supervising teacher is required. This course is available **only** to those students who need **more** than the normal six hours of teaching and to those who have satisfied all requirements for admission to the student teaching semester. May be repeated as needed. Fee: \$17.50.

Graduate Education Courses:

**520. EDUCATIONAL MEDIA.** (3) Offered on sufficient demand.

Offered for graduate students in conjunction with 320. Credit may not be earned in both 320 and 520. Fee: \$11.

**605x. MAINSTREAMING THE SPECIAL EDUCATION CHILD.** (3) Summer. Offered on sufficient demand.

Methods and procedures for teaching the special education child in the regular classroom.

**621. MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL.** (3) Fall. Offered on sufficient demand.

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.

**622. SOCIAL STUDIES AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.** (3) Spring. Offered on sufficient demand.

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.

**624. 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.

**627. METHODS OF INSTRUCTION IN ELEMENTARY SCHOOLS.** (3) Spring. Offered on sufficient demand.

Advanced methods on 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.

**629. TEACHING THE BIBLE IN THE PUBLIC SCHOOLS.** (3) Summer. Offered on sufficient demand.

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. Some information on other ways Christians may have an influence for Christ while teaching in the public schools.

**630. 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.

**631. SELECTED TOPICS IN ELEMENTARY SCIENCE METHODS.** (3) Summer. Offered on sufficient demand.

Emphasizes the experimental approach to science teaching in elementary grades.

**632. DEVELOPMENT AND ADMINISTRATION OF THE CURRICULUM.** (3) Spring.

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.

**633. CLINICAL READING.** (3) Summer. Offered on sufficient demand.

Laboratory practice in reading improvement.

**636. 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.



**637. 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.

**639x. COMPARATIVE EDUCATION.** (3) Offered on sufficient demand.

A comparative study of the national systems of education of the United States and such countries as England, France, and Germany, with emphasis upon the historical factors influencing the development of such systems, current problems and trends, and upon international cooperative programs.

**643. 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.

**645. 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.

**648. READING STRATEGIES FOR SECONDARY TEACHERS.** (3) Summer. Offered on sufficient demand.

Methods and techniques of teaching reading with an emphasis on the junior high level student. Speed-reading and a reading bibliography for the age level will normally be included in the course.

**650. INDEPENDENT STUDY IN EDUCATION.** (1-3) Offered on demand.

Individual study of selected topic(s) in education. May be taken for a maximum of 6 semester hours credit. Prerequisites: Consent of the Director of Graduate Studies and Dean of the School of Education.

**652. 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.

**654. 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.

**658. 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.

**662. PUBLIC SCHOOL ADMINISTRATION.** (3) Fall, 1981; Summer, 1982.

A foundation course in the general administrative problems of the public school.

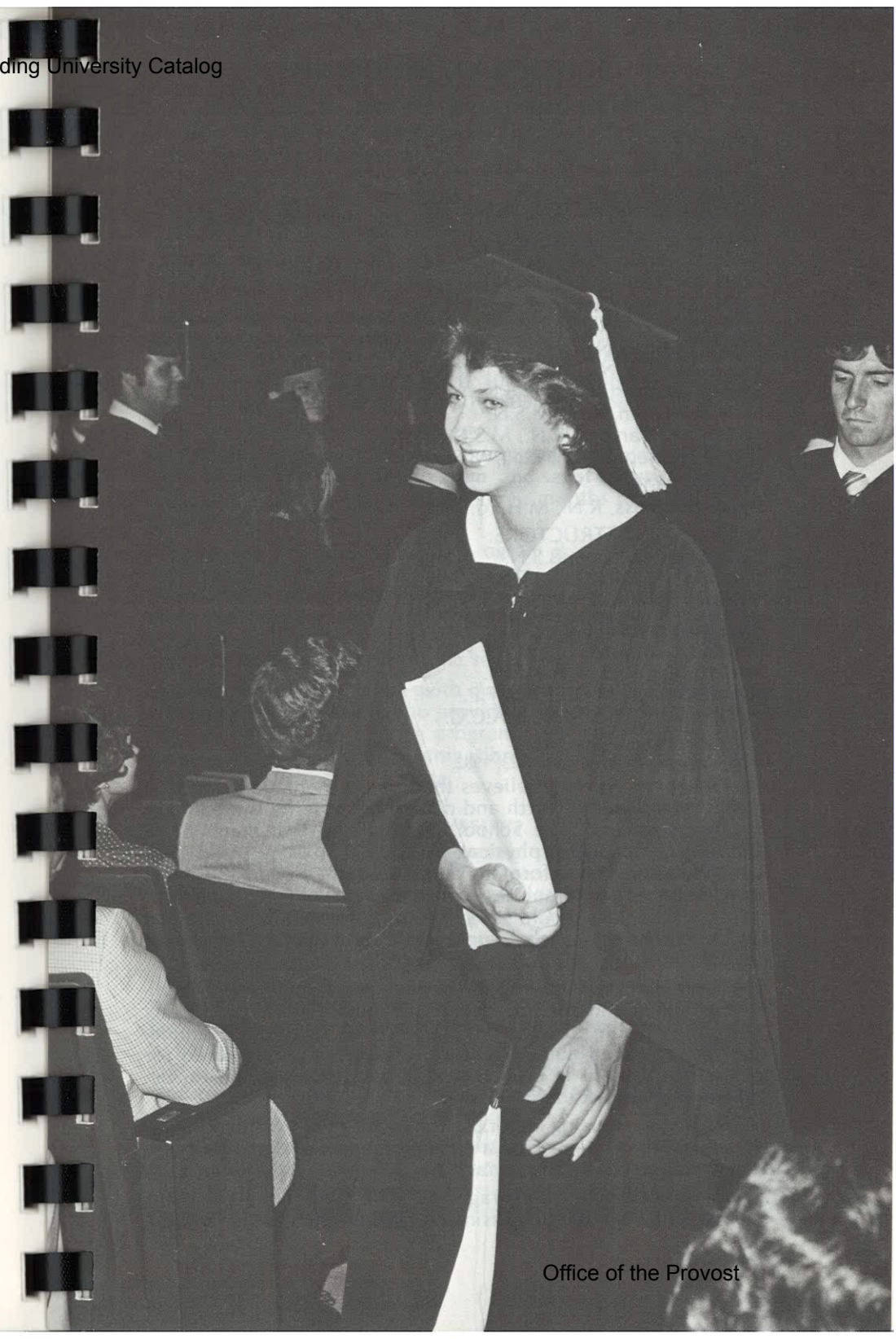
**663. ELEMENTARY SCHOOL ADMINISTRATION.** (3) Fall, 1982; Summer, 1983.

Examination and study of problems of organization and administration of the elementary school in relation to current theories and practices particularly as they relate to classroom teaching.

**664x. ADMINISTRATION OF SPECIAL EDUCATION.** (3) Fall, 1981; Summer, 1982.

Taught concurrently with 662.

A foundation course dealing with general administrative problems of special education. If a student already has credit in 662, enrollment in 664 requires the joint approval of the Director of Graduate Studies and the Dean of the School of Education.





## SCHOOL OF NURSING

DEAN: Cathleen M. Smith, R.N., M.N.

### ASSOCIATE PROFESSOR:

\*Louise Truex Bradford, R.N., M.S.N.  
Nancy Leslie, R.N., M.S.N.  
Cathleen M. Smith, R.N., M.N.

### ASSISTANT PROFESSORS:

Linda D. Brown, R.N., M.S.N.  
Anna Chambless, R.N., M.N.Sc.  
#Ann Canaday Clardy, R.N., M.N.Sc.  
Cheryl Clark, R.N., M.S.N.  
Nancy Clark, R.N., M.P.H.  
Vickie Keck, R.N., M.S.N.  
#Helen Lambert, R.N., M.S.N.  
Jerry R. Myhan, R.N., M.S.N.  
Priscilla H. Parsons, R.N., M.S.N.  
Charlotte Stephenson, R.N., M.S.N.

### INSTRUCTOR:

Susan Bumpass, R.N., M.H.Ed.

### ASSOCIATE INSTRUCTORS:

Kelly Bracken, R.N., B.S.N.  
#Glenda McClary, R.N., B.S.N.  
Michael Niswander, R.N., B.S.N.

### ADJUNCT PROFESSORS:

Jimmy C. Citty, M.D., F.A.A.F.P.  
Sam Shultz, M.D., F.A.A.P.M.  
#David Staggs, M.D., F.A.A.F.P.  
William D. White, M.D., F.A.C.G.

\*On leave of absence 1982-83.

#Appointment effective August 23, 1982.

The School of Nursing believes that man is a unique being who possesses individual worth and dignity because he is created in the image of God. The School also believes that man's basic nature is comprised of physical, psychological, social, and spiritual dimensions. Therefore, the nursing faculty desires to provide an education that stimulates a philosophy of nursing consistent with the teachings of Christ by preparing practitioners who can facilitate physical, psychological, social, and spiritual functional adaptation.

The curriculum covers a space of four years achieving a Bachelor of Science in Nursing degree. Graduates with the nursing major are eligible to write any State Board Test Pool Examination for registered nurse licensure. Graduates are prepared for generalist positions in professional nursing practice and for beginning graduate study in nursing.

Students in the nursing major use the facilities of Harding University and work with clients in a variety of public and private agencies which serve as clinical facilities.

A minimum cumulative average of 2.00, a minimum grade point average of 2.50 in the pre-nursing curriculum, successful comple-

1982-1983 Harding University Catalog a basic mathematics test, and junior standing in the University are required before entering the nursing major. The 2.50 grade point average must be maintained for the degree to be conferred. Priority for admission will be given those who have a high cumulative average. All prerequisite courses must be completed successfully with a minimum grade of "C" in each before a student may enter the nursing program. The prerequisite courses include: Biol. 271, 275, 276; Chem. 114, 115; Eng. 103; Home Ec. 331; Math. 105 or a more advanced course in mathematics; Nursing 201, 202; Psy. 201, 240; and Soc. 203. See the pre-nursing curriculum outlined on pages 58 and 59.

Required general education courses to be completed before graduation include: Art 101 or Music 101; two courses from Eng. 201, 202, 251, 252, 271, 272; Hist. 101, 111; 4 hours in physical education activity, including P.E. 101; one course from Anthro. 250, 315, 320, 381, 401 or Soc. 301, 305, 345; Speech 101; and 2 hours of free electives.

In addition, the applicant must present medical certification of good health, current immunization, and satisfactory blood work and tuberculosis skin test within three months of admission to upper-level courses.

Progression of a student in the program is contingent upon his achieving a grade of "C" or higher in each nursing course with the maintenance of an overall cumulative average of 2.50. For students pursuing a major in nursing, **Level I standing** refers to students enrolled in the junior year of the major and **Level II standing** refers to students enrolled in the senior year of the major.

Harding is in compliance with Act 88 of the 1979 Arkansas General Assembly relative to providing validation and challenge examinations in the nursing program. Any questions regarding validation and challenge examinations should be directed to the Dean of the School of Nursing.

## ADMISSION

**ADMISSION PROCEDURE:** Interested students should contact the Admissions Office of Harding University. Admission to the University is essential before consideration can be given to admission to the nursing major. Students at the sophomore level, who have met all requirements for admission (or will meet these requirements by the following August), must file an application form with the School of Nursing by March 1 of the year they wish to enter. Application forms may be obtained by contacting the Dean of the School of Nursing. No action will be taken on an application until the student has been admitted to the University and all prerequisite requirements have been met. Official admission to the nursing major can be granted only after successful completion of Nursing 201 and 202.

**Students transferring** into the nursing major generally require four additional semesters to complete degree requirements. Placement in the nursing major is dependent upon successful completion of all prerequisite courses and the level of academic



achievement. Any student considering a transfer from a baccalaureate program in nursing should consult with the Dean of the School of Nursing. These applicants will be appraised individually for placement in the major. Transfer students must complete all the general education courses required for the Bachelor of Science in Nursing degree, including a minimum of 8 hours of textual Bible courses outlined on page 70.

**Admission is competitive and all applicants must meet requirements and deadlines to be considered for admission.**

**High school students** are strongly urged to take 2 units of algebra, 2 units of biology, at least 1 unit of chemistry, and 4 units of English. High school graduates who have fewer than 2 units of high school algebra and/or who have an ACT mathematics score less than 26 should take Mathematics 105 or equivalent **in the summer preceding the fall semester they plan to enter Harding as freshmen.** This is necessary to qualify students for enrolling in Chem. 114-115, prerequisites to Biol 271, 275, 276.

**Registered nurses** who have graduated from a National League for Nursing accredited program and who are eligible for licensure in Arkansas may apply for admission to the nursing major after meeting University entrance requirements. The curriculum is flexible to consider the previous learning experiences of registered nurses and each applicant will be evaluated individually for placement in the major.

#### EXPENSES

**ADDITIONAL EXPENSES FOR NURSING MAJORS:** Students should expect additional expenses from the time they reach Nursing 201 until the end of the program. These are as follows:

Year	Item	Amount*
Sophomore	Laboratory fee	\$35.00
	Entrance examinations	15.00
Junior	Uniforms and caps	65.00-75.00
	Name pin	3.00
	Emblem	.75
	Bandage scissors	3.50-5.00
	Watch with second hand (may be inexpensive)	variable
	Stethoscope	25.00-35.00
	Laboratory fees for practicum courses	37.50 each
	Senior	Exit Examinations
School pin	70.00	
Senior graduating expenses (white uniform, pictures, etc., in addition to university expenses)	50.00	
	Laboratory fees for practicum courses	50.00 each

\*Costs listed are approximate and subject to change. Each student must carry liability insurance which costs approximately \$22.00 per year. **Students are responsible for their own transportation to all health facilities where learning experiences are provided. Each student must have access to a car during the entire nursing program for individual clinical experiences.**

#### HONOR SOCIETY

THE EPSILON OMICRON CHAPTER OF SIGMA THETA TAU, national college honor society in nursing, was chartered at Harding University on February 9, 1982. Application for this chapter was

made by the local Honor Society of Nursing that was installed in the fall of 1976. Membership in Sigma Theta Tau is by invitation based on outstanding qualities of character, leadership, ability in nursing, and scholastic achievement.

#### MAJOR REQUIREMENTS

MAJOR: 55 hours in nursing, including 301, 303, 304, 305, 311, 312, 313, 314, 324, 334, 401, 404, 405, 411, 412, 414, 415, 421, 424, and 434. Nursing electives available are: 402, 403, 406, 413, and 451. A minimum of 10 students must enroll before a nursing elective can be offered. A minor is not required. See page 70 for outline of major.

#### CHALLENGE EXAMINATIONS

In compliance with Act 88 passed in 1979 by the General Assembly of the State of Arkansas, Harding University permits students in the School of Nursing to challenge 60 semester hours of credit if they are R.N. nurses and 30 semester hours if they are L.P.N. or L.T.P.N. nurses. If the course has been taken formally in a non-collegiate setting (for example, hospital nursing program, practical nursing program, or continuing education program awarding a certificate such as a nurse practitioner program), the student is eligible to take a validation examination. A student may also be approved on a credit-by-examination procedure to challenge a course which he has not formally studied previously. All nursing courses **except** 201, 324, 334, 404, 414, 424, 434, and 451 can be challenged. Students may receive information on challenge examinations and an application form by writing the Dean of the School of Nursing. Students will be given 10 days from opening of registration at the beginning of the semester in which the course is offered to complete the challenge examination. See page 40 of this **Catalog** for the university policy on validation examinations and credit by examination.

#### 201. INTRODUCTION TO NURSING. (4) Spring, Summer.

An introductory course to acquaint the students with nursing theories, roles and functions. Nursing trends are studied based on a historical perspective. Basic concepts of health care are explored in relation to the individual and health care delivery in the United States. The School of Nursing Conceptual Framework is presented and analyzed. The course is open to all students and is required of students prior to admission into the nursing program. A grade of "C" or higher is a prerequisite for admission. Two hours lecture and six hours arranged laboratory per week. Prerequisite: Second semester sophomore level or higher. Fee: \$35.

#### 202x. NURSING PROCESS I. (1) Spring, Summer.

A course designed to develop the student's ability to use the nursing process for nursing care of all clients. A variety of teaching methods is used, such as lecture, group discussion, programmed instruction, audiovisuals and hypothetical nursing practice. One hour lecture per week. Prerequisite: Second semester sophomore level of higher.

#### 301. NURSING THEORY I. (5) Fall.

The nursing care of individuals experiencing functional and dysfunctional adaptation is discussed in the physical, psychological, social and spiritual dimensions of man. Anxiety, safety, comfort, immobility, hydration, and their related theories are studied for clients representing all age groups. The course is conducted through a variety of teaching strategies: Five hours lecture-discussion per week. Prerequisite: Level I Standing. Taken concurrently with 303 and 305 and Level I Practicum courses (304, 314, 324, 334). Test Fee: \$18.50.

#### 303. NURSING INTERACTION I. (2) Fall.

A course planned to provide students with experience in the process of basic communication. The concepts of communication, self-image, interviewing, and assertion will be explored. Experiences in the classroom are planned to promote self-awareness with beginning recognition and management of one's own attitudes, values, beliefs, and behaviors as these affect others. Two hours lecture-discussion per week. Prerequisite: Level I Standing.



**304. NURSING PRACTICUM I.** (2) Fall, Spring, Summer (if sufficient demand).

A clinical course which focuses on functional and dysfunctional adaptation of hospitalized adult clients with medical diagnoses. Concepts of Level I courses are integrated from a theoretical presentation to nursing practice in the direct care of individuals. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level I Standing. Must be taken as prerequisite to or may be taken concurrently with 301, 303, 305 or with 311, 312, 313. Fee: \$50.

**305. NURSING ROLES AND FUNCTIONS I.** (2) Fall.

A nursing laboratory course providing practice and performance evaluation of nursing skills used to assist functional and dysfunctional clients to attain adaptation. Six hours autotutorial laboratory arranged per week. Prerequisite: Level I Standing. Fee: \$35.

**311. NURSING THEORY II.** (5) Spring.

Nursing care of individuals experiencing functional and dysfunctional adaptation is discussed. This course builds on 301, Nursing Theory I. Concepts of loss, transport, reality and aging are explored for clients of all ages. Five hours of lecture-discussion per week. Prerequisites: Level I Standing and 301. Taken concurrently with 312 and 313, and Level I Practicum Courses (304, 314, 324, 334).

**312. NURSING PROCESS II.** (3) Spring.

A continuation of Nursing 302, this course is designed to further develop and promote the systematic use of the nursing process. Areas of the nursing program that are emphasized are physical assessment, psychosocial assessment, spiritual assessment, problem-solving, decision-making and teaching-learning. Two hours lecture-discussion and three hours autotutorial laboratory per week. Prerequisite: Level I Standing and 302. Fee: \$35.

**313. NURSING INTERACTION II.** (2) Spring.

A course designed to acquaint the student with the process of helping and counseling individuals and groups. Two hours lecture-discussion per week. Prerequisites: Level I Standing and 303.

**314. NURSING PRACTICUM II.** (2) Fall, Spring, Summer (if sufficient demand).

A clinical course which focuses on functional and dysfunctional adaptation of hospitalized adult clients requiring surgical intervention. Concepts of Level I courses are integrated from a theoretical presentation to nursing practice in the direct care of individuals. Nursing experiences will include post-hospital follow-up care of surgical clients where applicable. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level I Standing. Must be taken as prerequisite to or may be taken concurrently with 301, 303, 305 or with 311, 312, 313. Fee: \$50.

**324x. NURSING PRACTICUM III.** (2) Fall, Spring, Summer (if sufficient demand).

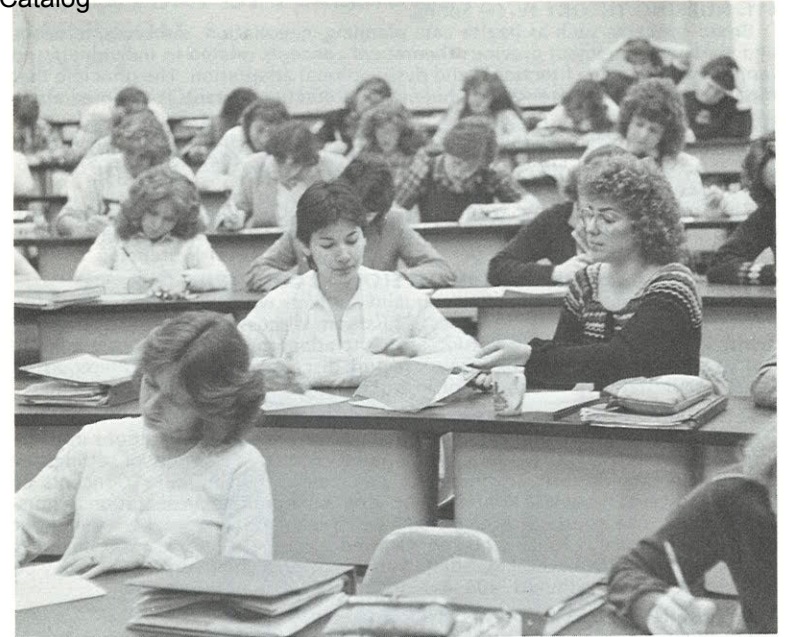
A clinical course which focuses on clients experiencing dysfunctions primarily in the psychological and social dimensions. Concepts of Level I courses are integrated from a theoretical presentation to nursing practice in the direct care of individuals. Clinical experience may be provided in a variety of settings. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level I Standing. Must be taken as prerequisite to or may be taken concurrently with 301, 303, 305 or with 311, 312, 313. Fee: \$50.

**334x. NURSING PRACTICUM IV.** (2) Fall, Spring, Summer (if sufficient demand).

A clinical course which focuses on elderly adult clients experiencing dysfunctions in a variety of settings. Concepts of Level I courses are integrated from a theoretical presentation to nursing practice in the direct care of individuals. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level I Standing. Must be taken as prerequisite to or may be taken concurrently with 301, 303, 305 or with 311, 312, 313. Fee: \$50.

**401. NURSING THEORY III.** (4) Fall.

A continuation of the study of the four dimensions of man with focus on the nursing care of functional and dysfunctional individuals and families. Family theories, cultural concepts, and related theories of life style, reproduction, and crisis are presented by various teaching strategies. Four hours lecture-discussion per week. Prerequisite: Level II Standing. Taken concurrently with 405 and 412 and Level II Practicum Courses (404, 414, 424, 434).

**402. METHODS OF CHILDBIRTH EDUCATION.** (2) Spring.

An elective course presenting study of prenatal education as a function of the professional nurse. Techniques described by Lamaze, and others who have developed childbirth methods are studied. Two hours lecture-discussion per week. Prerequisite: Level I or II Standing. Offered on sufficient demand.

**403. NURSING MINISTRY.** (2) Spring.

An elective course designed to study the spiritual dimension of the client. Emphasis will be placed on the special role of the nurse in meeting spiritual needs of clients in various health related settings. Two hours lecture-discussion per week. Prerequisite: Level I or II Standing. Offered on sufficient demand.

**404. NURSING PRACTICUM V.** (2) Fall, Spring.

Communities, schools and official community health agencies provide the setting for students to use primary care skills while providing direct, semi-direct and indirect nursing care to clients of a variety of age groups. Concepts of Level I and Level II courses are integrated from a theoretical presentation to nursing practice. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level II Standing. Must be taken as prerequisite to or may be taken concurrently with 401, 405, 412 or with 411, 415, 421. Fee: \$50.

**405. NURSING ROLES AND FUNCTIONS II.** (4) Fall.

The rural primary health care system and the role of the baccalaureate nurse as a practitioner providing health care to clients within that system are explored. Decision-making, collaboration, epidemiology and the use of resources are also explored. Four hours lecture-discussion per week. Prerequisite: Level II Standing. Fee: \$35.

**406. ALTERNATE HEALING PHILOSOPHIES.** (2) Spring.

An elective course exploring the relationships of alternate healing philosophies such as chiropractic, hypnosis, nutrition, biofeedback, relaxation, folk medicine, acupuncture, faith healing and self-help health behaviors to the nurse-client system. Emphasis will be placed on the interrelationship of these philosophies to the formal United States health care delivery system. Two hours lecture-discussion per week. Prerequisite: Level I or II Standing. Offered on sufficient demand.



APPENDIX  
INDEX

University Calendar, 1982-83 (inside front cover) . . . Tentative University Calendar, 1983-84 (inside back cover) . . . Board of Trustees . . . Officers of Administration . . . Faculty for 1981-82 . . . Committees and Administrative Staff for 1981-82 . . . Endowment and Scholarship Funds . . . Honors and Degrees for 1980-81 . . . Enrollment Summary for 1980-81 . . . Campus Map . . . Index

**411. NURSING THEORY IV.** (4) Spring.

Broad concepts such as health care planning, negotiation, resources, missions and leadership augment previous theoretical concepts related to individuals and families experiencing functional and dysfunctional adaptation. The principle that the community is an integrated whole with interacting systems is explored along with the application of this principle to nursing care planning. Four hours lecture-discussion per week. Prerequisites: Level II Standing and 401. Taken concurrently with 415 and Level II Practicum Courses (404, 414, 424, 434). Test Fee: \$18.50.

**412. RESEARCH IN NURSING.** (3) Summer, Fall.

Basic research concepts with application to professional nursing are introduced. Nursing research will be explored and related to current nursing practice. Three hours lecture-discussion per week. Prerequisite: Level II Standing.

**413. HEALTH CARE MISSIONS IN DEVELOPING COUNTRIES.** (2) Spring.

An elective course designed to acquaint students with the delivery of quality health care in developing countries. Classroom discussions include combining health care and evangelistic mission efforts to adapt modern health care modalities to existing resources. Two hours lecture-discussion per week. Prerequisite: Level I or II Standing or consent of instructor. Offered on sufficient demand.

**414. NURSING PRACTICUM VI.** (2) Fall, Spring.

A clinical course which focuses on families experiencing dysfunctions in structure or reproductive status. Clinical experiences will be in a variety of settings for students to provide direct, semi-direct and indirect nursing care. Concepts of Level I and Level II courses are integrated from a theoretical presentation to nursing practice. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level II Standing. Must be taken as prerequisite to or may be taken concurrently with 401, 405, 412 or with 411, 415, 421. Fee: \$50.

**415. NURSING ROLES AND FUNCTIONS III.** (2) Spring.

The emerging role of the professional nurse is analyzed and examined. Sociopolitical forces, quality assurance, credentialing, continuing education, expanded functions, reality shock, professional organizations and entry into practice are explored as they affect nursing practice. Two hours lecture-discussion per week. Prerequisites: Level II Standing and 405. Fee: \$35.

**421x. NURSING THEORY V.** (3) Spring.

This course explores advanced nursing theory related to individuals and families as a system adapting to stress to achieve a functional state. The concepts of transport and mobility and their related theories are studied in depth for clients representing all age groups. Nutrition and pharmacology are integrated as conditions of dysfunction are studied. Three hours lecture-discussion per week. Prerequisites: Level II Standing and 401. Must be taken concurrently with 411 and 415.

**424x. NURSING PRACTICUM VII.** (2) Fall, Spring.

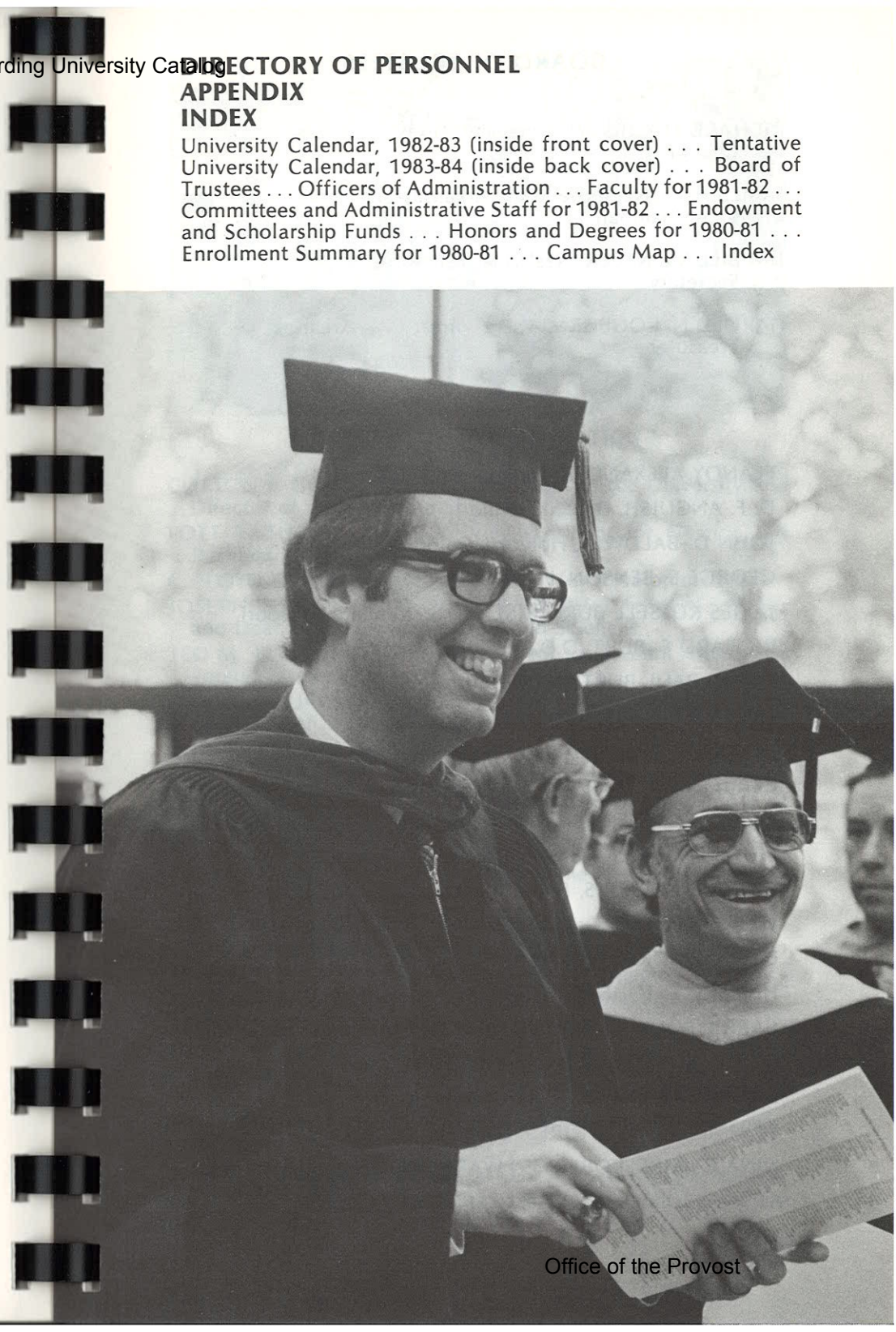
A clinical course which focuses on functional and dysfunctional adaptation of hospitalized young clients and their families. Concepts of Level I and Level II courses are integrated from a theoretical presentation to nursing practice. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level II Standing. Must be taken as prerequisite to or may be taken concurrently with 401, 405, 412 or with 411, 415, 421. Fee: \$50.

**434x. NURSING PRACTICUM VIII.** (2) Fall, Spring.

A clinical course which focuses on acute hospitalized clients experiencing functional and dysfunctional adaptation. Leadership and management principles will be applied in a tertiary care setting. Concepts of Level I and Level II courses are integrated from a theoretical presentation to nursing practice. The course is twelve hours per week for seven weeks; a one hour weekly conference is to be arranged. Offered twice per semester. Enrollment is limited. Prerequisite: Level II Standing. Must be taken as prerequisite to or may be taken concurrently with 401, 405, 412 or with 411, 415, 421. Fee: \$50.

**451. INDEPENDENT STUDY.** (1-4) Offered on demand.

Under the guidance and with the approval of a selected nursing faculty member, the student develops behavioral objectives appropriate to the topic being studied and a plan of action to achieve the objectives. The independent study may be experiential or a directed reading, study or research. Offered each semester upon approval of the Dean of the School of Nursing. May be repeated. Prerequisite: Level II Standing.





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1982-1983 Harding University Catalog

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HARRY D. OLREE, Ed.D., Director of Research and Athletic  
Director

WINNIE E. BELL, M.A.L.S., Librarian

A. EDWARD HIGGINBOTHAM, M.S.E., Superintendent of the  
Academy

\*Dr. David B. Burks was appointed Director of the American Studies Program ef-  
fective May 10, 1982.

\*\*On leave of absence for doctoral study 1981-82.



- THOMAS C. ALEXANDER, M.Th. (Harding Graduate School of Religion)  
Assistant Professor of Bible. 1978,\* 1980.
- JAMES R. ALLEN, M.R.E., Hh.D. (Harding Graduate School of Religion,  
Oklahoma Christian College)  
Professor of Bible. 1959, 1981.
- TED M. ALTMAN, Ed.D. (North Texas State University)  
Vice President for Student Affairs, Foreign Student Advisor, and  
Associate Professor of Physical Education. 1963, 1979.
- GEORGE EDWARD BAGGETT, D.M.E. (University of Oklahoma)  
Professor of Music. 1949, 1979.
- KARYL V. BAILEY, Ph.D. (Texas A&M University)  
Professor of Physical Education. 1967, 1981.
- TIMOTHY B. BAIRD, M.S. (University of Missouri at Rolla)  
Instructor in Computer Science. 1981.
- BARBARA G. BARNES, M.A.T. (Harding College)  
Associate Professor of Physical Education and Director of Women's  
Intramurals. 1966, 1979.
- JEROME M. BARNES, Ed.D. (North Texas State University)  
Professor of Education and Director of Educational Media Center.  
1962, 1976.
- PATRICIA BARRETT, B.A. (Harding University)  
Acting Dean of Women. 1981.
- CECIL M. BECK, M.A. (North Texas State University)  
Professor of Physical Education and Director of Men's Intramurals.  
1953, 1981.
- VIRGIL M. BECKETT, B.A. (Harding College)  
Registrar. 1958, 1960.
- H. WADE BEDWELL, Ph.D. (Southern Illinois University at Carbondale)  
Associate Professor of Education. 1980.
- JAMES BEHEL, M.B.A. (University of Alabama at Montgomery)  
Assistant Professor of Systems Analysis. 1981.
- 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)  
Associate Professor of Library Science and Librarian. 1959, 1976.
- \*\*TROY J. BLUE, M.A. (George Peabody College)  
Assistant Professor of Mathematics. 1967.
- JOHN G. BOUSTEAD, M.Ed. (Wayne State University)  
Assistant Professor of Physical Education. 1978.
- KELLY S. BRACKEN, R.N., B.S.N. (Wichita State University)  
Associate Instructor in Nursing. 1980.
- LOUISE TRUEX BRADFORD, R.N., M.S.N. (Wayne State University)  
Associate Professor of Nursing. 1975, 1980.

\*First date indicates year of employment; second date, year appointed to present rank or position.

\*\*Retired December 18, 1981.

BILL G. BRANT, M.A. (University of Kansas)  
Assistant Professor of Speech. 1974, 1977.

\*PATRECIA G. BRANT, M.Ed. (Harding College)  
Instructor in Speech. 1977, 1979.

RODGER LEE BREWER, M.A. (East Texas State University)  
Assistant Professor of English. 1973, 1980.

HARMON C. BROWN, Ph.D. (University of Missouri at Rolla)  
Associate Professor of Mathematics. 1974, 1979.

LINDA D. BROWN, R.N., M.S.N. (Indiana University at Evansville School  
of Nursing)  
Assistant Professor of Nursing. 1977, 1981.

LOIS L. BROWN, M.A. (San Diego State College)  
Associate Professor of Special Education. 1973, 1980.

JESS G. BUCY, M.S.E. (Arkansas State University)  
Associate Professor of Physical Education. 1969, 1976.

SUSAN BUMPASS, R.N., M.H.Ed. (University of North Florida)  
Instructor in Nursing. 1979.

DAVID B. BURKS, Ph.D., CPA (Florida State University)  
Professor of Management and Accounting, Dean of the School of Bus-  
iness, and \*\*Director, American Studies Program. 1967, 1981.

EDDIE R. CAMPBELL, M.A.T. (Harding College)  
Dean of Men. 1965, 1969.

KATHRYN R. CAMPBELL, M.A.T. (Harding College)  
Associate Professor of Health Education. 1970, 1979.

MARTHA CAMPBELL, B.M.E. (Memphis State University)  
Associate Instructor in Music. 1978.

STEPHEN L. CAMPBELL, B.M. (Memphis State University)  
Associate Instructor in Music. 1978.

JAMES F. CARR, JR., Ed.D. (Indiana University)  
Assistant to the President, Director of the Summer Session, and Pro-  
fessor of Education. 1970, 1973.

LAVON CARTER, M.B.A. (University of South Carolina)  
Assistant Professor of Management. 1976, 1979.

JIM C. CITY, M.D. (University of Tennessee School of Medicine)  
Adjunct Professor of Nursing. 1976.

CHERYL CLARK, R.N., M.S.N. (California State University at Los Angeles)  
Assistant Professor of Nursing. 1981.

NANCY S. CLARK, R.N., M.P.H. (University of Michigan)  
Assistant Professor of Nursing. 1977.

SUSAN VAUGHT CLARK, M.S.S.W. (University of Texas at Arlington)  
Instructor in Social Work. 1981.

JOSEPHINE CLEVELAND, D.A. (University of Mississippi)  
Professor of English. 1966, 1980.

\*\*\*EDDIE CLOER, M.Th. (Harding Graduate School of Religion)  
Assistant Professor of Bible. 1976, 1979.

EARL W. COBILL, Ph.D. (University of Mississippi)  
Assistant Professor of Political Science. 1973, 1976.

BOBBY L. COKER, Ed.D. (University of Arkansas)  
Professor of Education, Director of Teacher Education, and Dean of  
the School of Education. 1968, 1979.

\*Resigned December 18, 1981.

\*\*Appointment effective May 10, 1982.

\*\*\*On leave of absence 1981-82.



- AVA M. CONLEY, M.A. (Vanderbilt University)  
Associate Professor of Spanish. 1973, 1980.
- BOB J. CORBIN, M.Ed. (University of Oklahoma)  
Associate Professor of Physical Education and Research Associate.  
1964, 1973.
- PATRICIA J. COX, B.S. (Texas Woman's University)  
Associate Instructor in Music. 1981.
- TRAVIS ALLEN COX, M.M., M.L.S. (Southern Methodist University,  
George Peabody College)  
Assistant Professor of Violin and Cataloging Librarian. 1975.
- SHAREN DEACON CROCKETT, M.S. (Ohio State University)  
Associate Professor of Home Economics and Director of the Nursery  
School. 1968, 1979.
- C. FLOYD DANIEL, B.S. (Auburn University)  
Vice President for Development. 1965, 1974.
- KENNETH L. DAVIS, JR., D.Mus. (Indiana University)  
Professor of Music. 1953, 1970.
- DONALD P. DIFFINE, Ph.D. (University of Mississippi)  
Associate Professor of Economics and Director, Belden Center for  
Private Enterprise Education. 1971, 1977.
- FAYE M. DORAN, Ed.D. (Pennsylvania State University)  
Associate Professor of Art. 1973, 1978.
- RONALD H. DORAN, M.S. (University of South Carolina)  
Associate Professor of Biological Science. 1968, 1980.
- \*MARIBETH DOWNING, Ed.S. (Northeast Louisiana University)  
Dean of Women. 1974.
- ALVA GENE DUGGER, M.S. (University of Missouri at Rolla)  
Director of Computing and Associate Professor of Mathematics. 1969,  
1981.
- J. RICHARD DUKE, Ph.D. (Florida State University)  
Assistant Professor of Education and Field Experience Director. 1978,  
1980.
- J. THOMAS EDDINS, M.Th. (Harding Graduate School of Religion)  
Assistant Professor of Bible. 1975, 1978.
- DAVID T. ELLIOTT, M.A.T. (Harding College)  
Assistant Professor of Physical Education. 1969, 1977.
- \*\*GARY D. ELLIOTT, Ph.D. (Kansas State University)  
Professor of English and Chairman of the Department. 1967, 1981.
- \*MORRIS RAY ELLIS, M.A. (Stephen F. Austin State University)  
Assistant Professor of Speech. 1971, 1976.
- JAMES DONALD ENGLAND, Ph.D. (University of Mississippi)  
Professor of Chemistry. 1960, 1971.
- LYNN ALEXANDER ENGLAND, M.A. (University of Mississippi)  
Assistant Professor of Home Economics. 1966, 1976.
- CLIFTON L. GANUS, JR., Ph.D. (Tulane University)  
President of the University and Professor of History. 1946, 1965.
- CLIFTON L. GANUS, III, D.M.A. (University of Colorado)  
Associate Professor of Music. 1968, 1977.
- \*On leave of absence 1981-82.  
\*\*Resigned December 18, 1981, to become Academic Dean of Columbia Christian  
College.

- LEVESTER "BUTCH" GARDNER, M.Ed. (Harding College)  
Instructor in Physical Education. 1979.
- PATRICK H. GARNER, Ph.D. (University of Oklahoma)  
Assistant Professor of Speech. 1972, 1977.
- STANLEY B. GREEN, B.S.E. (University of Houston)  
Instructor in Art, Director of Publicity and Public Relations, and Sports  
Information Director. 1966, 1971.
- MARY ANN HARRIS, Ed.D. (Memphis State University)  
Associate Professor of Education. 1978.
- FRANKLIN D. HAYES, M.L.S. (George Peabody College)  
Assistant Professor of Library Science and Periodicals Librarian. 1975,  
1978.
- 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.
- ROBERT L. HELSTEN, M.A. (Harding Graduate School of Religion)  
Associate Professor of Bible and German. 1958, 1972.
- JAMES R. HENDERSON, Ph.D., CPA (Texas A&M University)  
Assistant Professor of Accounting and Assistant to the Dean. 1978,  
1981.
- WILLIAM W. HOLLAWAY, Ph.D. (North Texas State University)  
Professor of Music. 1966, 1977.
- JEFFREY T. HOPPER, M.M. (Southern Illinois University at Edwardsville)  
Assistant Professor of Music. 1974, 1977.
- THOMAS M. HOWARD, Ed.D. (University of Arkansas)  
Associate Professor of Political Science and Director of Institutional  
Testing. 1972, 1981.
- DWIGHT E. IRELAND, Ed.D. (University of Arkansas)  
Instructor in Psychology. 1977.
- ALLAN L. ISOM, Ed.D. (New Orleans Baptist Theological Seminary)  
Professor of Bible. 1963, 1978.
- MICHAEL JAMES, B.S. (Harding College)  
Associate Instructor of Journalism. 1973, 1979.
- ALICE K. JEWELL, M.A. (Indiana University)  
Associate Professor of English. 1968, 1980.
- FRED R. JEWELL, Ed.D. (Ball State University)  
Professor of History. 1968, 1981.
- KENNETH L. JOHNSON, D.B.A., CPA (Louisiana Tech University)  
Assistant Professor of Accounting and Director, Accounting Program.  
1976, 1981.
- RICHARD A. JOHNSON, M.Ed. (Harding College)  
Assistant Professor of Physical Education. 1969, 1976.
- CHARLES M. JOINER, M.S.S.W. (University of Tennessee)  
Assistant Professor of Social Work and Director of Social Work. 1977,  
1979.
- JERRY L. JONES, Th.D. (New Orleans Baptist Theological Seminary)  
Professor of Bible and Chairman of the Department of Bible, Religion,  
and Philosophy. 1966, 1979.
- JOE DALE JONES, M.A. (Harding Graduate School of Religion)  
Assistant Professor of Bible and Director of Christian Communications  
Program. 1975, 1981.



WYATT JONES, Ed.D. (University of Alabama)  
 Professor of Education and Director of Graduate Studies. 1975.

VICKIE L. KECK, R.N., M.S.N. (Texas Woman's University)  
 Assistant Professor of Nursing. 1979.

JOHN E. KELLER, M.A. (University of Nebraska)  
 Assistant Professor of Art. 1979, 1980.

ROBERT J. KELLY, Ed.D. (University of Mississippi)  
 Associate Professor of Business Education and Director, Business and Office Education. 1969, 1981.

RICHARD DONALD KING, M.A.R. (Harding Graduate School of Religion)  
 Instructor in Bible. 1980.

DAVID H. KRATZER, M.S. (California Polytechnic State University)  
 Instructor in Mathematics. 1980.

MAURICE L. LAWSON, M.S. (University of Oklahoma)  
 Professor of Physics. 1954, 1979.

VIRGIL H. LAWYER, M.A. (North Texas State University)  
 Associate Professor of History and Social Science. 1961, 1973.

NANCY L. LESLIE, R.N., M.S. (University of Tennessee Center for the Health Sciences)  
 Associate Professor of Nursing. 1976, 1981.

THEODORE R. LLOYD, M.S. (University of Mississippi)  
 Associate Professor of Physical Education. 1964, 1973.

LARRY R. LONG, Ph.D. (Ohio State University)  
 Associate Professor of English and Director, Writing Laboratory, 1976, 1981.

JAMES E. MACKEY, Ph.D. (University of Mississippi)  
 Professor of Physics. 1968, 1978.

AVON L. MALONE, M.A. (Abilene Christian University)  
 Associate Professor of Bible. 1974, 1981.

WILTON Y. MARTIN, Ed.D. (University of Arkansas)  
 Associate Professor of Recreation. 1972, 1979.

ELIZABETH B. MASON, M.A. (George Peabody College)  
 Professor of Art. 1946, 1950.

O. DALE McANULTY, B.A. (Harding College)  
 Visiting Professor of Missions. 1980.

DUANE McCAMPBELL, Ph.D. (University of Arkansas)  
 Associate Professor of English and Philosophy. 1969, 1978.

DURWARD McGAHA, M.S.E. (Arkansas State University)  
 Director of Admissions. 1973, 1980.

W. ROBERT McKELVAIN, Ph.D. (Texas A&M University)  
 Assistant Professor of Psychology. 1975, 1976.

JOHN T. McKINNEY, M.A. (Abilene Christian University)  
 Associate Professor of Greek. 1974, 1981.

JOSEPH E. McREYNOLDS, M.S. (Memphis State University)  
 Assistant Professor of Library Science and Research Librarian. 1972, 1978.

C. ROBIN MILLER, M.A. (University of Tennessee at Knoxville)  
 Instructor in Speech. 1980.

CARL G. MITCHELL, Ph.D. (University of Southern California)  
 Professor of Bible. 1980.

ERLE T. MOORE, Ed.D. (Columbia University)  
 Professor of Music and Chairman of the Department. 1949.

LEWIS L. MOORE, Ph.D. (University of Nebraska)  
 Associate Professor of Psychology and Assistant Director of Counseling. 1970, 1980.

MONA S. MOORE, B.A. (Central State University — Oklahoma)  
 Instructor in Music. 1957.

RAYMOND LEE MUNCY, Ph.D. (University of Mississippi)  
 Professor of History and Chairman of the Department of History and Social Science. 1964, 1976.

JERRY R. MYHAN, R.N., M.S. (University of Tennessee Center for the Health Sciences)  
 Assistant Professor of Nursing. 1978, 1980.

JAMES D. NICHOLS, M.Ed. (Auburn University)  
 Assistant Professor of Education. 1977, 1980.

MICHAEL NISWANDER, R.N., B.S.N. (Harding University)  
 Associate Instructor in Nursing. 1981.

JOHN W. NUNNALLY, M.S. (Florida State University)  
 Director of Computer Programming and Assistant Professor of Mathematics. 1975, 1978.

BILL W. OLDHAM, Ed.D. (University of Northern Colorado)  
 Professor of Mathematics. 1961, 1978.

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, Ph.D. (Texas Tech University)  
 Associate Professor of English and \*Chairman of the Department. 1967, 1981.

CHARLES L. PARKER, M.A. (Memphis State University)  
 Assistant Professor of Speech. 1977, 1979.

PRISCILLA PARSONS, R.N., M.S.N. (University of Alabama at Birmingham)  
 Assistant Professor of Nursing. 1976, 1981.

RONNIE D. PEACOCK, M.A.T. (Harding College)  
 Assistant Professor of Physical Education. 1979, 1981.

WILLIAM DAVID PERKINS, B.B.A. (Harding University)  
 Associate Instructor in Accounting. 1981.

L. V. PFEIFER, M.Div., M.Th. (Golden Gate Baptist Theological Seminary)  
 Associate Professor of Bible. 1973, 1980.

PAUL M. PITT, M.F.A. (Memphis State University)  
 Associate Professor of Art. 1971, 1981.

CHARLES PITTMAN, M.A. (Memphis State University)  
 Associate Professor of English. 1962, 1976.

MICHAEL V. PLUMMER, Ph.D. (University of Kansas)  
 Associate Professor of Biology. 1970, 1981.

PAUL J. POLLARD, M.Th., B. Litt. (Harding Graduate School of Religion, Mansfield College of Oxford University)  
 Assistant Professor of Bible. 1974.

\*Appointment effective December 18, 1981.



- \*WALTER L. PORTER, Ph.D. (George Peabody College)  
Professor of Psychology. 1971, 1978.
- DEAN B. PRIEST, Ph.D. (University of Mississippi)  
Professor of Mathematics and Chairman of the Department. 1962, 1974.
- C. JOHN PROCK, M.T. (Southwestern Oklahoma State University)  
Professor of Physical Education. 1960, 1981.
- JOSEPH E. PRYOR, Ph.D. (Louisiana State University)  
Vice President for Academic Affairs, Dean of the College of Arts and Sciences, and Professor of Physical Science. 1944, 1973.
- NEALE T. PRYOR, Th.D. (New Orleans Baptist Theological Seminary)  
Professor of Bible. 1962, 1975.
- ROBERT H. REELY, Ed.D. (Auburn University)  
Associate Professor of Management and Director, Center for Management Excellence. 1980, 1981.
- WARD BRYCE ROBERSON, Ph.D. (Utah State University)  
Professor of Biological Science. 1964, 1978.
- MARVIN H. ROBERTSON, B.S., J.D. (University of Arkansas at Fayetteville)  
Assistant Professor of Business. 1979.
- DON D. ROBINSON, M.A. (Colorado State University)  
Associate Professor of Art and Chairman of the Department. 1962, 1978.
- WILLIAM F. RUSHTON, M.A. (University of Arkansas)  
Associate Professor of Biological Science. 1960, 1974.
- JOHN H. RYAN, Ph.D. (University of Missouri)  
Professor of Speech. 1961, 1975.
- MARJORIE H. RYAN, M.A.T. (Harding College)  
Assistant Professor of Physical Education. 1961, 1966.
- \*ED SANDERS, M.A. (Harding Graduate School of Religion)  
Associate Professor of Bible. 1973, 1981.
- 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)  
Professor of History. 1963, 1977.
- ANN R. SEWELL, M.M. (Hardin-Simmons University)  
Associate Professor of Music. 1961, 1979.
- EDWARD G. SEWELL, Ph.D. (University of Texas)  
Professor of Education. 1947, 1965.
- DON SHACKELFORD, Th.D. (New Orleans Baptist Theological Seminary)  
Professor of Bible, Director of Mission/Prepare Program, and Director of Florence, Italy Program. 1972, 1981.
- CLIFFORD E. SHARP, M.S.T. (Antioch College)  
Associate Professor of Earth Science. 1969, 1979.
- MARY R. SHOCK, M.S.S.W. (University of Arkansas Graduate School of Social Work)  
Assistant Professor of Social Work and Director of Social Work Program.\*\* 1979, 1982.
- \*On leave of absence 1982 spring semester.  
\*\*Appointment as Director of Social Work Program effective May 10, 1982.
- LURENCE SHULTZ, M.D., F.A.A.P.M. (University of Texas Medical Branch at Galveston)  
Adjunct Professor of Nursing. 1981.
- CARROLL W. SMITH, Ph.D. (University of Oklahoma)  
Professor of Chemistry. 1968, 1979.
- CATHLEEN M. SMITH, R.N., M.N. (Emory University)  
Associate Professor of Nursing and Dean of the School of Nursing. 1976, 1981.
- STEPHEN W. SMITH, Ph.D. (Florida State University)  
Professor of Mathematics. 1971, 1979.
- SUZANNE F. SPURRIER, M.A. (University of West Virginia)  
Assistant Professor of Library Science and Circulation Librarian. 1975, 1978.
- BARBARA KARAFFA STATOM, M.Ed. (Bowling Green State University)  
Assistant Professor of Business Education. 1973, 1976.
- THOMAS R. STATOM, M.A.T. (Harding College)  
Associate Professor of History. 1967, 1981.
- CHARLOTTE M. STEPHENSON, R.N., M.S.N. (Vanderbilt University)  
Assistant Professor of Nursing. 1979.
- FRANCIS VAN TATE, Ph.D., (University of Nairobi)  
Associate Professor of Sociology. 1973, 1981.
- HEBER TAYLOR, Ph.D. (University of Missouri)  
Professor of Journalism and Chairman of the Department. 1978, 1979.
- BURDETT HENRY TERRILL, M.S.L.S. (Our Lady of the Lake University)  
Assistant Professor of Library Science and Assistant Librarian for Government Documents, Interlibrary Loan, and Reserved Books. 1979, 1981.
- JACK D. THOMAS, Ph.D. (Texas A&M University)  
Associate Professor of Psychology, Chairman of the Department, and Director of Counseling. 1974, 1977.
- ELAINE C. THOMPSON, M.A. (Texas Woman's University)  
Assistant Professor of Home Economics. 1954.
- EVA M. THOMPSON, Ph.D. (Texas Woman's University)  
Associate Professor of Home Economics. 1970.
- RANDY O. TRIBBLE, B.A. (Harding College)  
Associate Instructor in Physical Education. 1981.
- DAVID S. TUCKER, M.A., CPA (Georgetown University)  
Assistant Professor of Economics. 1980.
- ERMAL H. TUCKER, M.S. (Kansas State Teachers College)  
Professor of Business Education. 1957, 1981.
- LOTT R. TUCKER, JR., B.A. (Harding College)  
Vice President for Finance and Business Manager. 1951, 1970.
- DANIEL C. TULLOS, M.C.D. (University of Mississippi)  
Assistant Professor of Speech. 1979.
- BETTY THORNTON ULREY, M.Ed. (Harding College)  
Assistant Professor of English. 1967, 1976.
- EVAN ULREY, Ph.D. (Louisiana State University)  
Professor of Speech and Chairman of the Department. 1950.



- LAWRENCE EUGENE UNDERWOOD, Ed.D. (East Texas State University)  
Associate Professor of English. 1970, 1980.
- C. MARK VANRHEENEN, M.B.A., CPA (North Texas State University)  
Assistant Professor of Accounting. 1976, 1978.
- BILLY D. VERKLER, Ph.D. (Mississippi State University)  
Professor of Sociology and Chairman of the Department of Sociology  
and Social Services. 1957, 1974.
- CHARLES R. WALKER, M.S. (University of Illinois)  
Assistant Professor of Business and Marketing. 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.
- JAMES C. WALTERS, M.A.R. (Harding Graduate School of Religion)  
Instructor in Bible. 1979, 1980.
- WILL ED WARREN, M.A.R. (Harding Graduate School of Religion)  
Assistant Professor of Bible. 1974, 1977.
- PHIL WATKINS, M.Ed. (Harding College)  
Assistant Professor of Physical Education. 1974, 1977.
- BETTY WORK WATSON, M.A. (Michigan State University)  
Associate Professor of Elementary Education. 1968, 1978.
- C. EDWARD WHITE, M.A. (Marshall University)  
Associate Professor of English. 1969, 1978.
- STEVEN DALE WHITE, M.B.A., CPA (University of Mississippi)  
Instructor in Accounting. 1976.
- WILLIAM D. WHITE, M.D., F.A.C.G. (University of Chicago College of  
Medicine)  
Adjunct Professor of Nursing. 1976.
- 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)  
Professor of Chemistry. 1970, 1979.
- ELIZABETH K. WILSON, M.A. (University of Alabama)  
Associate Professor of Home Economics. 1971, 1981.
- GEORGE W. WOODRUFF, Ed.D. (Oklahoma State University)  
Professor of Biology. 1966, 1978.
- DOROTHY S. WRIGHT, Dr. de l'Universite (University of Toulouse)  
Professor of French. 1968, 1980.
- WINFRED O. WRIGHT, Dr. de l'Universite (University of Toulouse)  
Professor of French, Chairman of the Department of Modern Foreign  
Languages and Director of Cooperative Education. 1966, 1976.

**EMERITI**

- JAMES D. BALES, Ph.D.  
Emeritus Professor of Bible. 1944, 1980.
- GEORGE STUART BENSON, M.A., LL.D.  
President Emeritus and Emeritus Professor of Bible. 1936, 1965.
- WILLIAM LESLIE BURKE, M.A.  
Emeritus Professor of Biblical Languages. 1944, 1974.
- NEIL B. COPE, Ph.D.  
Emeritus Professor of Journalism. 1936, 1979.
- LLOYD CLINE SEARS, Ph.D.  
Dean Emeritus and Emeritus Professor of English. 1924, 1960.
- MURREY W. WILSON, M.A.  
Emeritus Associate Professor of Education. 1957, 1981.

**ACADEMY AND ELEMENTARY SCHOOL**

- BETTY A. ALSTON, M.A. (Memphis State University)  
Elementary Librarian and Instructor in Bible. 1969, 1980.
- LINDA G. ARNOLD, M.Ed. (Harding College)  
Instructor in Business. 1976.
- BILLY RAY BARDEN, M.A.T. (Harding College)  
Instructor in Science and Coach. 1967.
- MICHELLE K. BETTS, B.A. (Harding University)  
Fifth and Sixth Grades, Elementary School. 1981.
- PATRECIA G. BRANT, M.Ed. (Harding College)  
Instructor in Speech. 1977, 1980.
- JAMES R. BROWN, M.S. (University of Arkansas)  
Instructor in Mathematics. 1970.
- RUTH E. BROWNING, M.A.T. (Harding College)  
Librarian and Instructor in History. 1959, 1974.
- LEAH A. BURKS, B.A. (Harding College)  
Instructor in Art. 1981.
- GLENAVE CURTIS, B.S. (Harding College)  
Instructor in Home Economics. 1971.
- BRUCE A. DAVENPORT, B.S. (Harding College)  
Instructor in Bible and Coach. 1980.
- BILL G. DILES, M.A.T. (Harding College)  
Principal and Instructor in Bible and Business. 1963, 1967.
- ANTHONY M. FELKER, M.Ed. (Harding College)  
Instructor in Social Studies and Physical Education and Coach. 1973.
- TONY FINLEY, M.S. (Southeast Missouri State University)  
Elementary Principal and Instructor in Science. 1978, 1979.
- MILDRED H. GROOVER, B.A. (Harding College)  
Instructor in Business. 1962, 1967.
- ANITA R. HAMILTON, M.Ed. (Harding University)  
Instructor in Spanish. 1980.
- MARYBELLE HELSTEN, B.A. (Harding College)  
Fourth Grade, Elementary School. 1958.
- CAROL A. HENDON, M.A.T. (Harding College)  
Kindergarten. 1981.
- FLORENCE F. HENRY, M.A. (George Peabody College)  
Music, Elementary School. 1957.
- EDWARD HIGGINBOTHAM, JR., M.S.E. (University of Central Arkansas)  
Superintendent. 1960, 1976.



1981-82



- CAROLE ISOM, B.S. (Harding College)  
First Grade, Elementary School. 1980.
- JAMES CRAIG JONES, B.A. (Harding College)  
Instructor in Music and Director of Chorus and Band. 1977.
- VIRGIL R. LAMBETH, M.Ed. (Harding University)  
Fifth and Sixth Grade, Elementary School. 1979.
- EDWIN LAND, M.S.E. (Arkansas State University)  
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- LOIS LAWSON, M.A.T. (Harding College)  
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- DENNIS RINE, M.Ed. (Harding University)  
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- MATTIE SUE SEARS, M.A.T. (Harding College)  
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- RAY A. WRIGHT, M.M.E., M.Ed. (North Texas State University, Harding College)  
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**BAKER MEMORIAL SCHOLARSHIP FUND** was established by Mrs. Donna Baker Barlar of Nashville, Tennessee, in memory of her parents, Asa and Mary Ann Morton Baker. From this fund, two scholarships are awarded to Christian young men who plan to preach or teach the gospel.

**T. H. BARTON SCHOLARSHIP FUND** was established by Colonel T. H. Barton of El Dorado.

**Z. BENSKY SCHOLARSHIP FUND** was provided through the generosity of Mr. Z. Bensky of Little Rock. The income from this fund is to provide scholarship aid for a student in dramatics.

**BOOTH BROTHERS MEMORIAL SCHOLARSHIP FUND**, established by the Booth family of Searcy as a memorial scholarship fund, allows the income to be awarded annually to a Searcy student.

**G. C. BREWER MEMORIAL SCHOLARSHIP FUND** was established by friends and relatives of the late minister to aid worthy students.

**W. J. CARR SCHOLARSHIP FUND** was founded by W. J. Carr of Junction City.

**CARR SCHOLARSHIP FOR NURSING** established by Taylor B. Carr of Virginia Beach, VA, and Dr. James F. Carr, Jr., of Searcy, AR, in honor of their parents, James F. and Eula Barrett Carr. Scholarships are available to student nurses who plan to enter medical missions or work in a rural setting or a small city in the United States.

**JAMES T. CONE MEMORIAL SCHOLARSHIP FUND** was 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.

**COONS-FARRAR SCHOLARSHIP FUND** was established to honor the memory of Catherine Farrar Williams and to assist junior and senior students in designated areas of the health care field.

**ELIZABETH J. COUCHMAN MEMORIAL FUND** was established by Mrs. Elizabeth J. Couchman of Winchester, Kentucky. The fund income is applied on a student scholarship annually.

**BRUCE ALAN DAVIS MEMORIAL SCHOLARSHIP** is made available each year by the parents of Bruce Alan Davis. Qualified recipients shall be members of the church of Christ who are planning to do full-time church work after graduation or who are children of missionaries of the churches of Christ.

**DURRINGTON CHURCH EDUCATIONAL DIRECTOR SCHOLARSHIP FUND** was established through the generosity of Victor L. Durrington to provide scholarship grants to individual students who plan to work as a church educational director following graduation. Applicants must have a good academic record, be faithful Christians, and be a junior, senior, or graduate student.

**JOHN THOMAS ENGLAND AND HENRY HALL MEMORIAL SCHOLARSHIP FUND** was established in memory of these two men by their children, Wayne B. and Juanita England Hall. The fund is to provide financial assistance to Christian men attending Harding, preference being given to those who are preparing to preach the gospel.

**W. P. EUBANKS MEMORIAL SCHOLARSHIP-LOAN FUND** was established by Mr. E. R. Shannon of Clinton, in memory of Mr. and Mrs. W. P. Eubanks. From this fund, both loans and scholarships are available.

**FINANCING ORPHAN FUND** is administered by a board located in Nashville, Tennessee. The grants range up to \$800 per year. Students may qualify if one or both parents are deceased. There is a requirement that the recipient work at the university two hours per day. Information can be obtained by writing to the Financial Aids Office. This fund is restricted to women students.

**GEORGIA YOUTH FOUNDATION SCHOLARSHIP FUND:** As funds are available, scholarships are provided by the Georgia Youth Foundation for students from the State of Georgia. Awards are based on financial need.

**DR. L. K. HARDING MEMORIAL SCHOLARSHIP FUND** was created by Mrs. L. K. Harding in memory of her husband, Dr. L. K. Harding, the eldest son of James A. Harding for whom the university is named.

**LAWRENCE G. HAYS SCHOLARSHIP FUND** was established to assist young men majoring in Bible and Missions. Interest earned from the fund will provide the scholarship aid each year.

**GAIL AND BILLY IRELAND SCHOLARSHIP FUND** was established to honor the Irelands and to provide scholarship aid to senior psychology majors.

**MICHAEL JOHN AND CHARLES JOHN, JR., SCHOLARSHIP FUND** was established by the Seoul Area Command Church of Christ of Seoul, Korea, to provide aid to dependents of career military people and to veterans of the armed forces who are majoring in Bible or Nursing at Harding or are enrolled in the two-year Christian Communications Program.

**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.

**DENZIL KECKLEY MEMORIAL SCHOLARSHIP FUND**, established by Mildred Dykes Keckley of Atlanta, Georgia, in memory of her husband.

**WILLIAM F. AND LIZADA LATHAM MEMORIAL SCHOLARSHIP FUND** was established by Ethel and Pearl Latham to honor their parents and to provide assistance to qualified, full-time students (undergraduate Bible program or Christian Communications Program) who are preparing to preach or teach the gospel on a full-time basis after graduation.

**MRS. PAULINE LAW SCHOLARSHIP FUND**, established by the will of Mrs. Pauline Law of Granite, Oklahoma, permits the interest from the fund to be used for scholarships for ministerial students selected by the university.

**McCORKLE ENDOWMENT FUND:** Established by J. Warren and Madalon Herren McCorkle of Dallas, Texas, to advance Biblical scholarship and emphasize the training of preachers and foreign missionaries. Interested students should make application to the Office of the President.

**C. C. McQUIDDY MEMORIAL SCHOLARSHIP FUND** established by the family of the late C. C. McQuiddy to assist a worthy student.

**WILLIAM P. AND FRANCES B. NEAL ACCOUNTING SCHOLARSHIP FUND** was established by Mr. and Mrs. Neal of Cleveland, Mississippi, to provide grants to qualified junior or senior accounting majors.

**NEAL PEEBLES SCHOLARSHIP FUND**, 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 university.

**MILTON H. AND SAM W. PEEBLES MEMORIAL SCHOLARSHIP FUND** was started by friends of Lt. Sam W. Peebles, Jr., a graduate of 1938, who was killed in service on November 22, 1944. Subsequently amended to honor Milton H. Peebles, an alumnus of Harding and long-time Board member who died June 26, 1981.

**DUANE E. PRIEST MEMORIAL FUND** was established by friends in memory of Duane E. Priest to be used as a scholarship for pre-medical students.

**READERS DIGEST FOUNDATION SCHOLARSHIP FUND** is an endowment fund whose interest provides scholarship aid to a deserving student.

**KIM RICHARDS SCHOLARSHIP FUND** was established by Mr. and Mrs. M. T. Richards in memory of their daughter to provide financial assistance to a worthy student from southern Illinois or southern Florida.



**WILLA MAE RICHTER MEMORIAL SCHOLARSHIP FUND** was established in memory of Mrs. W. Thomas Barr in memory of Mrs. Barr's mother to provide financial assistance to worthy students.

**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.

**HERBERT AND BETTYE ROBERTSON SCHOLARSHIP FUND** provides from the interest a scholarship to a financially deserving White County resident who is achieving a satisfactory academic record at Harding.

**L. O. SANDERSON MUSIC SCHOLARSHIP** was established to honor L. O. Sanderson and to assist junior and senior music majors who show promise in the area of music composition.

**JAMES HERBERT SMITH SCHOLARSHIP FUND** was established to honor James' memory by his family and friends. He was a gospel preacher and husband of the Dean of Nursing when killed in a plane crash on May 31, 1979. The fund is to assist Bible and Nursing majors.

**RUSSELL L. SIMMONS MEMORIAL SCHOLARSHIP FUND** was established by Mrs. Russell L. Simmons, friends, and associates to provide scholarship grants to junior or senior journalism majors. Application should be made to the Chairman of the Journalism Department.

**STEPHEN W. SMOOT MEMORIAL SCHOLARSHIP FUND** was established by Mr. and Mrs. Ralph Smoot to honor the memory of Stephen W. Smoot and to assist primarily junior and senior nursing majors who are dedicated to mission work. Application should be made to the president of the university.

**G. ERWIN AND MAUDE ANSEL STAUFFER SCHOLARSHIP FUND** was established by Maude Ansel Stauffer of Athens, OH, to assist students majoring in Bible, Missions, or Education, or one who is an orphan or from a family serving as missionaries in a foreign country.

**A. J. AND ETHEL PUMPHREY STEPHENS SCHOLARSHIP FUND** will provide a scholarship of \$750 to four Stephens scholars named each year.

**RALPH STIRMAN SCHOLARSHIP** was established by friends and relatives of Ralph Stirman, a member of the class of '42.

**H. J. AND MARY FLORA SUDBURY MEMORIAL WORLD EVANGELISM SCHOLARSHIP** is provided annually by H. J. Sudbury and his sons in memory of his wife to deserving students who are involved in world evangelism.

**A. MICHELE WARREN SCHOLARSHIP IN NURSING** is awarded to students already admitted to the nursing major. The scholarship is based on financial need, cumulative grade point average, character, service to others, and future aspirations.

**GRACE WELLS SCHOLARSHIP FUND** was created by Miss Grace G. Wells, of Berkeley, Calif., a former student at Galloway College, for the purpose of helping worthy women to attend Harding.

**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.

**WITT FAMILY SCHOLARSHIP FUND** was established by Willis and Lois Witt of Houston, TX, to provide scholarship aid to deserving students.

**WYNNE SCHOLARSHIP FUND** provides, from funds received annually, scholarship aid on the basis of need to students who live within a 25-mile radius of Wynne up to a maximum of one-half the cost of tuition, fees, room and board per student per semester.

**LOAN FUNDS:**

**SAMUEL ARRINGTON LOAN FUND** was established by Gervis J. Arrington of Stephens in memory of his grandfather.

**NEW LEAD BELT LOAN FUND**, established by Christians at Viburnum, Missouri, provides loans up to \$300 for worthy students.

**DR. GEORGE S. BENSON STUDENT LOAN FUND** was established by the faculty of Harding in honor of Dr. Benson's election as Arkansan of 1953. It provides for short term loans to undergraduate students.

**BRADLEY MEMORIAL LOAN FUND** was established in memory of the late C. L. Bradley of Searcy.

**PHYLLIS COOKE MEMORIAL LOAN FUND** established by James R. Cooke in memory of his wife to provide help to needy home economics majors, preferably majors in dietetics and institutional management.

**CHUCK DEAN MEMORIAL LOAN FUND** was established by the family of Mr. Dean to provide financial assistance to worthy students.

**EARHART LOAN FUND** is used for loans to deserving students.

**MR. AND MRS. JIM G. FERGUSON STUDENT LOAN FUND** is available to worthy students who have done satisfactory work in Harding for at least one semester and show a satisfactory scholarship need. The maximum loan is \$150 per semester. The amount loaned to any one student shall not exceed \$400.

**JAMES FERNANDEZ LOAN FUND** was established by Mr. Fernandez. Applicants must be enrolled in the Graduate School of Religion, the Christian Communications Program, or the undergraduate program of the university majoring in Bible, Biblical Languages or Missions.

**MRS. MILDRED J. FERRELL LOAN FUND** was established by the family and friends of Mrs. Ferrell to provide assistance to worthy students.

**W. C. FRANCE STUDENT LOAN FUND** was established by Mrs. W. C. France to help needy students attend Harding. This loan is to be repaid beginning at the time the baccalaureate degree is completed or the student ceases to be a student. A small amount of interest will be charged until the loan is paid.

**C. L. GANUS LOAN FUND**, established by the late C. L. Ganus, Sr., of New Orleans, Louisiana, is a loan fund for deserving students who could not otherwise attend college. As these loans are repaid, other students make use of the fund.

**CHARLES KENNETH AND MARIE SCHELL HAMMON LOAN FUND** was established by Mrs. Charles Kenneth Hammon to enable mature, responsible students to borrow funds for school expenses and to repay the loan after graduation. Juniors and seniors may apply.

**HARDING UNIVERSITY LOAN FUND NUMBER 10** is provided anonymously by a friend of the university to help worthy students.

**IRA B. HENTHORN STUDENT LOAN FUND** was established by a gift of stock to the university to help worthy students.

**ARTHUR E. HILLMAN BUSINESS STUDENT LOAN FUND:** Established by Arthur E. Hillman of Honolulu, Hawaii, to assist deserving business students who have been recommended by the Dean of the School of Business.

**MARY B. JACK PREACHER'S LOAN FUND** was established to provide financial assistance to young men preparing to preach the gospel.

**MR. AND MRS. LEMAN JOHNSON STUDENT LOAN FUND**, given by Mr. and Mrs. Lemman Johnson of Wenatchee, Washington, is used to assist Bible majors.

**G. R. KENDALL STUDENT LOAN FUND** was established in honor of the late G. R. Kendall of Chicago, Illinois.

**H. R. KENDALL LOAN FUND** was provided by H. R. Kendall, of Chicago, Illinois, to assist students majoring in Bible and religion.

**HOWARD NOLAN LEMMONS MEMORIAL LOAN FUND** was established in 1969 in memory of Howard Lemmons.

**MRS. CECILE B. LEWIS MEMORIAL LOAN FUND** is a revolving loan fund to provide short-term loans to deserving students.

**W. P. AND BULAH LUSE OPPORTUNITY TRUST NUMBER 1** was established by Mr. and Mrs. W. P. Luse of Dallas, Texas. Funds provided by this trust are loaned to pre-engineering students only.

**MONTGOMERY-SUMMIT 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 University.

**KATE McMULLUM MORRIS MEMORIAL LOAN FUND** was established by friends and relatives of Mrs. Morris to assist worthy students.

**NEW ORLEANS ALUMNI ASSOCIATION LOAN FUND** was established to assist needy students from Louisiana.



**DELLA NICHOLAS LOAN FUND** is available for ministerial students at the undergraduate level. This was made available by the will of the late Della Nicholas of Huntington, West Virginia.

**HAROLD D. PORTER STUDENT LOAN FUND** provides aid to a worthy student reared in a Christian orphan home.

**VERNON C. AND NORA T. PORTER LOAN FUND** was established by their children to assist needy junior and senior students with a major other than Bible or missions, preference being given to married students.

**SIDNEY RUBY MEMORIAL LOAN FUND** was established by his wife and children in memory of Mr. Ruby who was superintendent of schools at Atkins for many years.

**MR. AND MRS. JESSE P. SEWELL LOAN FUND** is available to ministerial students who have attended Harding at least one semester and whose work and character are satisfactory.

**CARL AND CECIL SHORES MEMORIAL STUDENT LOAN FUND** was established by the family and friends of Carl and Cecil Shores who were residents of Cave Springs. The loan fund was established to help needy students obtain a Christian education.

**WILLIAM WAYNE SMITH AND MARJORIE DWAYNE SMITH HARDEN MEMORIAL LOAN FUND FOR NURSING** is to provide loans for deserving students in the nursing program. Special consideration will be given to students planning a career in research.

**STERLING STORES, INC., STUDENT LOAN FUND** is available to deserving students who have attended Harding at least one semester, who are doing satisfactory work, and who are of good character.

**VAN STEWART MEMORIAL LOAN FUND** was established by students from Harding who worked with Van during the summer of 1973.

**STUDENT LOAN FUND** is provided to help worthy students at Harding.

**W. K. SUMMITT MEMORIAL FUND** was established by friends of Dr. W. K. Summitt who had given thirty years of service to Harding at the time of his death in 1965.

**ILA TULLOSS MEMORIAL LOAN FUND** was established by the many friends of Mrs. Tulloss who enjoyed working with the college students.

**CURTIS WALKER MEMORIAL LOAN FUND** has been established in honor of the late Curtis Walker, who was plant manager of the Searcy Sperry-Remington Industrial Corporation at the time of his death. Funds were contributed by employees at Sperry-Remington. Walker was a tireless civic worker who participated in leadership capacities in three Harding campaigns in the Searcy community.

**ANITA WELLS LOAN FUND** was established by Miss Anita Wells of California, to provide assistance to needy students.

**AWARDS:**

**GANUS AWARDS** of \$100 each are given to the boy and the girl making the highest scholastic averages at Harding during the academic year. These awards are given through the generosity of the late Mr. C. L. Ganus, Sr., of New Orleans, Louisiana.

**UTLEY AWARD**, established by Mr. Morton Utley of Indianapolis, Indiana, is an annual award of half tuition for one semester at Harding to the freshman, sophomore, or junior man and woman showing the greatest development during the academic year. A faculty committee will determine the recipient.

**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 academic records and has been using the **Wall Street Journal**. The award is made through the School of Business.

**HONORS AND DEGREES  
December 19, 1980**

**SUMMA CUM LAUDE**

Kerry Lou Anthony  
Melanie S. McMillen  
Judy Gay McNeese  
Timothy Scott Perkins

B.A. Elementary Education  
B.A. Psychology  
B.B.A. Management  
B.A. Biblical Languages

California  
Louisiana  
Missouri  
New York

**MAGNA CUM LAUDE**

Greg L. Clayton  
James R. Erickson  
Richard H. Hiley  
Janet Sue Parkey  
Keith David Percell  
Robert Clyde Perkins  
Katherine Joy Wood

B.A. Art  
B.A. Psychology  
B.B.A. Accounting  
B.A. Special Education — M.R.  
B.A. Biblical Languages  
B.A. Speech  
B.A. Secondary Education

Mississippi  
Georgia  
Wisconsin  
California  
Missouri  
New York  
Ohio

**CUM LAUDE**

Judy G. Baird  
Barry Paul Barrett  
Linda Boyd  
Daphne Jean Brown  
Philip D. Gould  
Connie Kay Hayes  
William Boyd Jones  
Sarah Elizabeth King  
Wendy Suzanne Waterman  
Lori Jenell Wells

B.S.W. Social Work  
B.A. Biblical Languages  
B.A. Fashion Merchandising  
B.B.A. Management  
B.A. Speech  
B.A. Elementary Education  
B.A. Public Relations  
B.S. Biology  
B.A. Elementary Education  
B.A. French

Oklahoma  
Michigan  
Kentucky  
Tennessee  
Arkansas  
Texas  
Tennessee  
Louisiana  
Colorado  
Alaska

**ASSOCIATE OF ARTS IN SECRETARIAL SCIENCE**

Alesa Mynett Bristow  
Linda Susan Housley

Louisiana  
Arkansas

**BACHELOR OF ARTS**

Alberto Acosta  
Ronald Joel Adams  
Ellis Ray Augsburger  
Lloyd Bagwill  
Berley Kent Beck  
David A. Bedgood  
Melonie Ann Brown  
Rodney Cornelius Burke  
Patricia Ruth Cameron  
Terry A. Casey  
Diana Lynn Davis  
Elizabeth Ruth Dillin  
James Curtis DuPriest  
Ricky Lee Edgemon  
Jacqueline Ann Emison  
Rebecca Jane Foster  
Kenneth Garner  
David Russell Hall  
Patti Lynn Harvey  
Peggy K. Heath  
Sandra Lynn Hickingbottom  
Geoffrey Holmes Hodges  
Nancy Kathleen Jensen  
Sandra Jane Jenson  
Alice J. Kumpf  
Elbert Dwayne Lee  
Nancy Ann Lowry  
Philip Rodney McFarland  
Larry Don Meissner  
Laura Ann Murray  
Libby Marie Nichols  
Megumi Oguro  
Jeffery Wayne Phillips

Biblical Languages  
Physical Education  
Bible  
Elementary Education  
Public Relations  
Speech  
Special Education — L.D.  
Physical Education  
Elementary Education  
Psychology  
Elementary Education  
Speech Therapy  
Physical Education  
Bible  
Elementary Education  
Biology  
Physical Education  
History  
Elementary Education  
Elementary Education  
Music Education  
Music Education  
Psychology  
Special Education — L.D.  
Fashion Merchandising  
Bible  
Psychology  
Bible  
Bible  
Speech Therapy  
Secretarial Science  
Speech  
Bible

Texas  
Texas  
Illinois  
Missouri  
Missouri  
Louisiana  
Michigan  
Arkansas  
New Mexico  
Georgia  
Missouri  
Arkansas  
Arkansas  
California  
Tennessee  
California  
Texas  
Wisconsin  
Arkansas  
Arkansas  
Alabama  
Texas  
California  
Maine  
Louisiana  
Arkansas  
Oklahoma  
Alabama  
Arkansas  
Alabama  
West Virginia  
Japan  
Florida



1982-1983 Harding University Catalog

Jimmeta Cecile Pigg  
 Leigh Ellen Pigg  
 Karen Lee Post  
 Martin Eugene Puckett  
 Colleen Babette Pullberg  
 Stephen Paul Pylkas  
 Burnis Clinton Rouse  
 Steven Albert Russell  
 Tonya Sue Sexson  
 Jennifer Smith  
 Larry Dale Stamps  
 Kenneth D. Wiles  
 Shirley Denise Wilderson  
 Dennis L. Wilson

Public Relations  
 Music Education  
 Journalism  
 Mathematics  
 Special Education — M.R.  
 Psychology  
 Social Science  
 Bible  
 Home Economics District of Columbia  
 Biology  
 Physical Education  
 Bible  
 Special Education — L.D.  
 Psychology  
**Botswana**

**BACHELOR OF BUSINESS ADMINISTRATION**

Carolyn Anderson  
 James Maurice Chambers  
 Lou Ellen Dykes  
 Randall Charles Gillman  
 Jewel Elishaba Holloway  
 Nancy Jane Lloyd  
 Wayne Thomas Post  
 Jackie Robert Shock  
 Richard Steven Sisk  
 Bruce Leonard Taylor  
 Don McGee Wood  
 John Layne Yeldell

Office Administration  
 Marketing  
 Accounting  
 Marketing  
 Business Education  
 Marketing  
 Management  
 Marketing  
 Marketing  
 Marketing  
 Management  
 Management  
 Missouri  
 Tennessee  
 Georgia  
 Ohio  
 Arkansas  
 Texas  
 Connecticut  
 Arkansas  
 Tennessee  
 Alabama  
 Mississippi  
 Texas

**BACHELOR OF SCIENCE**

Deborah Lynn Bush  
 Bradley Dee Jackson  
 William Bruce Lowe  
 Philip J. Peacock  
 Julie Shawn Sink  
 Nigel Herbert Wilson

Dietetics  
 Computer Applications  
 Biology  
 Mathematics  
 Art  
 General Science  
 Georgia  
 Texas  
 Oklahoma  
 Arkansas  
 Arkansas  
**Botswana**

**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY**

Judy Kathryn Jones  
 Donna Lou Lester

Arkansas  
 Arkansas

**BACHELOR OF SOCIAL WORK**

Jayma Lee White

Indiana

**MASTER OF EDUCATION**

Richard Michael Fish  
 Dorothy Gantz  
 Michael Kermit Mitchell  
 Wanda Wright

Biology  
 English  
 Physical Education  
 Kindergarten  
 Arkansas  
 Arkansas  
 Alabama  
 Arkansas

**HONORS AND DEGREES  
 May 10, 1981**

**SUMMA CUM LAUDE**

Darryl "Skip" Bradley  
 Luanne E. Bukowich  
 Lisbeth D. Chalenburg  
 Bill F. Hefley, Jr.  
 Damon Coy Ijames  
 Chris Don Kinney  
 James Michael Penrod  
 Julia Rose Phelps  
 John B. Pickhardt  
 Jennifer Anne Robison  
 Jon Alan Sherrod  
 Walter Ray Smith  
 Mark Renzo Zuccolo

B.A. Bible and Journalism  
 B.A. Elementary Education  
 B.A. Piano  
 B.S. Biochemistry  
 B.S. Bible  
 B.S. Biology  
 B.B.A. Management  
 B.A. Spanish and Elem. Education  
 B.S. Biology  
 B.A. Elementary Education  
 B.S. Biology  
 B.S. Computer Applications  
 B.B.A. International Trade  
 Ohio  
 Kansas  
 Minnesota  
 Arkansas  
 Missouri  
 Indiana  
 California  
 Iowa  
 Texas  
 West Virginia  
 New Jersey  
 Arkansas  
**Italy**

**MAGNA CUM LAUDE**

Catherine Lynne Anderson  
 Russell Lynn Anderson  
 Steven L. Barnhart  
 Patricia Darnell Barrett  
 Margaret Irene Boersma  
 Loni Gayle Brown  
 Kathleen Cannon  
 Barbara Lee Cash  
 Rhonda L. Cash  
 Mark Rondell Clement  
 Michael Ray Cross  
 Lolly A. Elam  
 Curtice Anne Evans  
 Sheila Kaye Fancher  
 Pamela Sue Farmer  
 Richard Anthony Foster  
 Sharon Ellen Goetting  
 James Terrance Grady  
 Barbara Ann Gray  
 Beverly Anna Gulley  
 Ann L. Haas  
 Sandra Kay Hammond  
 Allen K. Hunt  
 Mary Ann Ingram  
 Rhonda Leigh Johnson  
 James Christopher Jones  
 Byron Robert Jordan  
 Rebecca Susan Jordan  
 Denise Kay  
 Vicki J. Lloyd  
 Colleen Inez Mansel  
 Connie Sue Mansell  
 Sheryl Lynn McDivitt  
 Johnny Dale McQuain  
 Susan Annette Myers  
 Jennifer Rose Pawlowski  
 Charla Ann Pearson  
 Mark Leland Piller  
 Clark Alan Roush  
 Marcella Kimberly Salmon  
 David Thomas Sayle  
 Alex Dale Shelton  
 Stanley J. Smith  
 Jacki Jeanette Sturgeon  
 Janey Laverne Tallman  
 Mark Charles Wilmoth  
 Sandra Kay Wilson  
 Raeann Wolodkin

**CUM LAUDE**

Randal Mark Albers  
 Lana Carrine Austin  
 Debra Lynne Beeson  
 Donna Carol Birdwell  
 Patricia Ann Bradish  
 Carlton Keith Bryson  
 Walter F. Buce  
 Kerri Lyn Bullard  
 John Marc Burkett  
 Jeff B. Butler  
 James Thomas Cammack  
 Judy Ann Cleveland  
 Pamela Loraine Collins  
 Steven Lynn Combs  
 Bruce Edward Cope  
 Gena Kay Copeland

B.S.N. Nursing  
 B.A. Social Science  
 B.B.A. Accounting  
 B.A. History  
 B.B.A. Office Administration  
 B.A. Elementary Education  
 B.A. Elementary Education  
 B.S.N. Nursing  
 B.S. Biology  
 B.B.A. Management  
 B.S. Public Administration  
 B.B.A. Accounting  
 B.S. Voc. Home Economics  
 B.A. Special Education — L.D.  
 B.A. Elementary Education  
 B.A. English  
 B.A. English  
 B.S. Art  
 B.S.N. Nursing  
 B.A. English  
 B.A. Elementary Education  
 B.S.N. Nursing  
 B.B.A. Accounting  
 B.S.W. Social Work  
 B.S.N. Nursing  
 B.S.W. Social Work  
 B.B.A. Marketing  
 B.S.N. Nursing  
 B.A. Social Science  
 B.B.A. Systems Analysis  
 B.S.N. Nursing  
 B.A. Elementary Education  
 B.A. English and French  
 B.A. Speech Therapy  
 B.S.N. Nursing  
 B.A. English  
 B.S.W. Social Work  
 B.A. Psychology and Bible  
 B.A. Music Education  
 B.A. Special Education — L.D.  
 B.S.N. Nursing  
 B.B.A. Accounting  
 B.A. Elementary Education  
 B.A. Elementary Education  
 B.A. Elementary Education  
 B.B.A. Accounting  
 B.B.A. Office Administration  
 B.B.A. Accounting  
 West Virginia  
 Arkansas  
 Maryland  
 Arkansas  
 Florida  
 Arkansas  
 Washington  
 Arkansas  
 Arkansas  
 Maryland  
 Arkansas  
 Pennsylvania  
 Arkansas  
 Missouri  
 Tennessee  
 Arkansas  
 Alabama  
 Texas  
 Arizona  
 Illinois  
 Ohio  
 Kentucky  
 Alabama  
 Ohio  
 Ohio  
 Colorado  
 North Carolina  
 Texas  
 Arkansas  
 Michigan  
 Michigan  
 Iowa  
 Arkansas  
 West Virginia  
**Jamaica**  
 Arkansas  
 Wisconsin  
 Iowa  
 Florida  
 Michigan  
 Michigan  
 Arkansas  
 Arkansas  
 California  
 Oklahoma  
 California  
 West Virginia

B.B.A. Accounting  
 B.A. Elementary Education  
 B.S. Dietetics  
 B.S.W. Social Work  
 B.S.N. Nursing  
 B.B.A. Marketing  
 B.B.A. Accounting and Management  
 B.S. Dietetics  
 B.B.A. Accounting  
 B.A. Special Education — L.D.  
 B.S. Biochemistry  
 B.S.N. Nursing  
 B.S.N. Nursing  
 B.A. Biblical Languages  
 B.B.A. Accounting  
 B.A. Special Education — L.D.  
 Iowa  
 Arkansas  
 Tennessee  
 Arkansas  
 Michigan  
 Arkansas  
 Oklahoma  
 Arkansas  
 Arkansas  
 California  
 Texas  
 Arkansas  
 Kansas  
 Arkansas  
 Missouri  
 Arkansas







1982-1983 Harding University Catalog

John Duane Reves  
 Ronald Wayne Riffle  
 Ralph Robert Rowand  
 R. Tracy Russell  
 Sharon Kay Schirer  
 Belinda Lee Segraves  
 Kimberly Jane Shackelford  
 Loy Jow Shettlesworth  
 Linda Diann Shumate  
 John Elliott Sills  
 Robin Carol Smith  
 Norwood Square  
 Michael Dean Stanley  
 Jonathan Mark Steffins  
 William Robert Stokes  
 Fred Hubert Strasser  
 Janice Lee Tate  
 Keri Marlene Thompson  
 David E. Tibbals  
 Roberta Lynn Tompkins  
 Howard Vernon Tyree  
 Steven Arthur Ulrich  
 Ernest C. Umberger  
 Danny Russell Wagner  
 Patricia Kay Ward  
 Vicky Fay Watkins  
 Darrell Gene Webb  
 Nelson Elias Whittington  
 Timothy Edward Wiblin  
 Kimberly Ann Yoakam

Physical Education  
 Physical Education  
 Social Science  
 Music Education  
 Speech Therapy  
 Home Economics  
 Elementary Education  
 Psychology  
 Elementary Education  
 Biology  
 Psychology  
 Bible  
 Physical Education  
 Missions  
 Elementary Education  
 Bible and Elem. Education  
 Elementary Education  
 Biology  
 Political Science  
 Spanish  
 Mass Communications  
 Physical Education  
 Mass Communications  
 Social Science  
 Special Education — L.D.  
 Special Education — M.R.  
 Psychology  
 Bible and Social Science  
 Mathematics  
 Elementary Education

Arkansas  
 Florida  
 Louisiana  
 Illinois  
 Arkansas  
 Louisiana  
 Georgia  
 Arkansas  
 Tennessee  
 Georgia  
 Alabama  
 West Virginia  
 Louisiana  
 California  
 Arkansas  
 Arkansas  
 Arkansas  
 Tennessee  
 Pennsylvania  
 Michigan  
 California  
 West Virginia  
 West Virginia  
 Arkansas  
 Arkansas  
 Illinois  
 California  
 Ohio  
 Ohio

**BACHELOR OF BUSINESS ADMINISTRATION**

Joe Frederick Alexander  
 Brent Alan Billingsley  
 Mark A. Bingman  
 Stanton Lane Burnette  
 Jimmy Randall Clay  
 Allen Wade Coggins  
 Terence Andrew Danner  
 P. Keith Dickey  
 Kenny Larue Dorsey  
 Mary Kathryn Dumas  
 Timothy Donald Flatt  
 Perry Jay Fraley  
 George K. French  
 William Nash Gammill  
 Cheryl Lea Gardner  
 Vicki Lynn Garner  
 David Kim Garver  
 John Richard Harris  
 George Wesley Head  
 Stephen David Hendricks  
 Michael Allen Howell  
 Christopher Carl Jackson  
 Randall Allen Jackson  
 David Ryan Jones  
 Gregory Alan Justice  
 Kelly K. Kemp  
 Elizabeth Ellen Kidd  
 Timothy L. Kirksey  
 Kirk Allen Latson  
 Kerry Neal Lowery  
 John Eugene McAlister  
 Jeffrey Lee McKune  
 Larry Lee Miller  
 Andra Kay Musgrave  
 Kent Aaron Myrick

Marketing  
 Management  
 Marketing  
 Marketing  
 Marketing  
 Management  
 Management  
 Accounting  
 Management  
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 Accounting  
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 Marketing  
 Accounting  
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 Office Administration  
 Systems Analysis  
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 Accounting  
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 Systems Analysis  
 Business Education  
 Systems Analysis  
 Marketing  
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 Accounting  
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 Accounting  
 Systems Analysis  
 Management  
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 Management

Arkansas  
 Oklahoma  
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 Georgia  
 Mississippi  
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 New Mexico  
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 Oklahoma  
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 Florida  
 Arkansas  
 Texas  
 Texas  
 Texas  
 Maryland  
 Missouri  
 Nebraska  
 Oklahoma  
 Arkansas

Norton  
 Paul Davis Parten  
 Sherrie Lynn Pipkin  
 Sherry Lavon Presley  
 Joseph M. Price  
 Jay Brooks Reese  
 David Edward Satterfield  
 Steven Langdon Sims  
 Donald Harris Slatton  
 Maureen Sue Stanton  
 Jean Dianne Taylor  
 Fonda Kaye Thannisch  
 Ricky Lynn Underwood  
 William Scott Vredingburgh  
 Vera Wallis  
 Felix Burrell Walton  
 John Mark Watson  
 Dennis Austin Winnett  
 Karen Joyce Wood  
 Daniel Lee Wright

**BACHELOR OF SCIENCE**

Tyrone J. Allen  
 Vernon Dale Beach  
 Glenda Sue Buchanan  
 Phillip Ray Carter  
 Byron Chris Davis  
 Kevin Lee Janes  
 Kevin Lee Jonas  
 David Stanley Kwasiborski  
 Douglas Aaron Laman  
 Kimberly Kay Leonard  
 Paula K. Litland  
 Brett David Organ  
 Sonya Lorene Quandt  
 Ted Richard Rae  
 Lisa Ellen Sewell  
 Aubrey Craig Smith  
 Wynne Kay Smith  
 Tamale Joan Stahl  
 Katherine Y. Willis  
 Melody Kay Witt

Accounting  
 Management  
 Business Education  
 Office Administration  
 Systems Analysis  
 Accounting  
 Management  
 Accounting  
 Marketing  
 Systems Analysis  
 Accounting  
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 Accounting  
 Marketing  
 Accounting  
 Marketing  
 Business Education  
 Management  
 Management  
 Accounting  
 Accounting  
 Systems Analysis

Bible  
 Computer Applications  
 Art  
 Biology  
 Art  
 Art  
 Mathematics  
 Chemistry  
 Art  
 Art  
 Vocational Home Economics  
 Chemistry  
 General Science  
 Art  
 Mathematics  
 Chemistry  
 Vocational Home Economics  
 Computer Applications  
 Vocational Home Economics  
 Vocational Home Economics

California  
 Texas  
 Arkansas  
 Texas  
 Tennessee  
 Arkansas  
 Georgia  
 Mississippi  
 Alabama  
 Tennessee  
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 Texas  
 Alabama  
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 Tennessee  
 Arkansas  
 West Virginia

Arkansas  
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 Ohio  
 West Virginia  
 Michigan  
 Arkansas  
 Arkansas  
 Texas  
 Texas  
 Arkansas  
 Michigan  
 Missouri  
 Georgia  
 Idaho  
 Oklahoma  
 Florida  
 Texas

**BACHELOR OF SCIENCE IN NURSING**

Cathie Lynn Binns  
 Jennifer Ann Boustead  
 Corrine Elaine Brandon  
 Debra J. Campbell  
 Nancy Dawn Cantley  
 Mary Ellen Copeland  
 Deborah K. Fagan  
 Cynthia Fern Gant  
 Betty Griffith  
 Elizabeth Anne Groh  
 Kathy Holland  
 Barbara Jean Istre  
 Sharon S. LaFever  
 Luanne Kay Lee  
 Joella Dee Lovering  
 Wanda Kay McCauley  
 Melissa D. McCluggage  
 Amy Suzanne Patton  
 Anita Gale Riffle  
 Rene A. Rolon  
 Linda Louise Shelby  
 Steven Michael Smith  
 Leah Annette Williams

Arkansas  
 New Jersey  
 Alabama  
 California  
 Ohio  
 Georgia  
 Georgia  
 Virginia  
 California  
 Florida  
 Florida  
 Louisiana  
 Tennessee  
 Ohio  
 Louisiana  
 Arkansas  
 Indiana  
 Pennsylvania  
 Mississippi  
 Missouri  
 Arkansas  
 Alabama  
 Florida



**BACHELOR OF SOCIAL WORK**

Nancy Jean Dabbs  
Janet Ellen Holden  
Darrell William Jordan  
Terry F. Pollard  
Laurie Jean Robinson  
Karen L. Scharnagel  
Kathryn Mary Summit

**MASTER OF EDUCATION**

Ralph E. Brewer  
Craig Dwaine Gray  
David Ingram Henderson  
Alice Ann Joiner  
Rise Jean Knight  
Jessica Elaine Moore  
Judith Ann Riley  
Shannon Spears

Physical Education  
Elementary Education  
English  
Elementary Education  
English  
Physical Education  
Special Education  
Physical Education

Illinois  
West Virginia  
Arkansas  
Arkansas  
Arkansas  
Arkansas  
Missouri  
Texas

**HONORS AND DEGREES**  
August 14, 1981

**MAGNA CUM LAUDE**

April Jeanette Brasher  
Chris Alan Dell  
Beverly A. Guyer  
Daniel Phillip Summers  
David A. Verret

B.S.N. Nursing  
B.A. Psychology  
B.A. Elementary Education  
B.B.A. Management  
B.S. Bible

Tennessee  
Illinois  
Missouri  
North Carolina  
Arkansas

**CUM LAUDE**

Michael Wade Bedwell  
Thomas Lee Cloninger  
Peggy Sue Coucke  
Monte Bret Cox  
Betty Janice DeVore  
Wilma Faye Holloway  
Larry Kee  
Gary Lee Luallin  
Monty Lafon Lynn  
David Paul McAnulty  
Kyle E. McNeese  
Mark Leslie Ramsey  
Sandra Yvonne Roberts  
Harvey Eugene Wilson

B.A. Elementary Education  
B.B.A. Accounting  
B.A. Mathematics  
B.A. Bible  
B.A. Special Education — L.D.  
B.A. Special Education — L.D.  
B.A. General Business  
B.A. Bible  
B.S.W. Social Work  
B.A. Psychology  
B.B.A. Accounting  
B.B.A. Marketing  
B.B.A. Business Education  
B.B.A. Accounting

Missouri  
California  
Illinois  
Georgia  
Arkansas  
Arkansas  
New Jersey  
Colorado  
Tennessee  
France  
Missouri  
Texas  
Arkansas  
West Virginia

**ASSOCIATE OF ARTS IN SECRETARIAL SCIENCE**

Debra Kay Dodds  
Cora Beth Lomax

Missouri  
Missouri

**BACHELOR OF ARTS**

Mackie Gene Adams  
Mark Wayne Albritton  
Jan Allison Ayer  
Michelle Marie Bacon  
Susan M. Baj  
Linda D. Bolls  
Evelyn L. Bowland  
Leanne Breshears  
William Edward Bush  
Sharon Camp  
Cindy Lynn Cooper  
Mary Beth Cox  
Belinda Irene Curtis  
Karen Denise Edwards  
Alton Matthew Flinchum  
Cassandra Renee Ford  
Kathleen Ann Fortino

Art  
Journalism  
Elementary Education  
Special Education — L.D.  
Journalism  
Biology  
Political Science  
Elementary Education  
Bible  
Elementary Education  
Special Education — M.R.  
Elementary Education  
Special Education — L.D.  
Elementary Education  
Elementary Education  
Elementary Education  
Psychology

Arkansas  
Florida  
Illinois  
Illinois  
Massachusetts  
Montana  
Florida  
Alabama  
Alabama  
Tennessee  
Arkansas  
Iowa  
Arkansas  
Arkansas  
Norway  
Mississippi  
Pennsylvania

**BACHELOR OF BUSINESS ADMINISTRATION**

Marie Gates  
Michael Ray Gates  
Glenn Dale Gilley  
Rodney Dean Gooden  
Dorcas Marie Graham  
Edward Arley Hale  
Melinda Ann Hilbun  
Melinda Holliman  
Peggy Ann Lester  
Cassandra L. Mahaffy  
Dwane Arthur Perry  
Charles Benjamin Sanders  
Jeremy Luther Shackelford  
Tanya Michelle Smith  
Richard Scott Straker  
David Nichols Vehon  
Ellen Ruth Walker  
Tim L. Waugh  
Lowell David Whited  
Philip Clay Wilkerson  
Joni Lee Wisenbaker

Special Education  
Psychology and Bible  
Journalism  
Bible  
Biology  
Bible  
Journalism  
Elementary Education  
Elementary Education  
French  
Political Science  
Bible  
Mathematics  
Special Education — L.D.  
Psychology  
Music  
Speech  
Bible  
Religious Education  
Religious Education  
Psychology

Pennsylvania  
Iowa  
Arkansas  
Arkansas  
Texas  
West Virginia  
Tennessee  
Tennessee  
Louisiana  
Tennessee  
Arkansas  
Tennessee  
Louisiana  
New Jersey  
Montana  
Texas  
Arkansas  
Arkansas  
Arkansas  
Arkansas  
Georgia

**BACHELOR OF BUSINESS ADMINISTRATION**

Thomas Jeffrey Battie  
Alice Elaine Boyce  
James Wesley Brandt  
Philip Alan Brown  
Laurie Ann Caldwell  
Trent A. Dodds  
Stephen Bryan Eads  
Quent Carl Grant  
Fernando Woody Loden  
Tammy Denise Martin  
Edward Lee McClusky  
Renee Elaine Norman  
Sammy Don Phillips  
Michael M. Philpot  
Wesley Gerald Queen  
John Van Simpson  
Deborah Estille Williams

Accounting  
Marketing  
Management  
Accounting  
Accounting  
Management  
Marketing  
Accounting  
Management  
Office Administration  
Systems Analysis  
Marketing  
Accounting  
Management  
Accounting  
Marketing  
Marketing

Louisiana  
Arkansas  
Arkansas  
Ohio  
Missouri  
Arkansas  
Arkansas  
Arkansas  
Mississippi  
Illinois  
Arkansas  
Florida  
Texas  
Tennessee  
Texas  
Arkansas  
Texas

**BACHELOR OF SCIENCE**

Jerry Tim Keller  
Contessa Ann Moore  
Karen Sue Phillips  
Celia Ann Rice

Art  
Art  
Art  
Art

Nebraska  
Texas  
Tennessee  
Arkansas

**BACHELOR OF SOCIAL WORK**

Pamela Kay Aaron  
Kathryn Ann Belew  
Ramona Lynn Nichols  
Patricia Gayle Patrick

Arkansas  
Arkansas  
Michigan  
Michigan

**MASTER OF EDUCATION**

Paula L. Brumelow  
Susan E. Coninger  
David William Dixon  
David Michael Enlow  
Angela Joy Golden  
William Alton James  
Virgil R. Lambeth  
Elbert D. Lee  
Kathleen Marie Robinson  
Thomas W. Schmidt  
Dennis C. Snider  
Bradley Dean Stroud  
Dennis A. Swayne  
Tony Timms

English  
Elementary Administration  
Elementary Administration  
Physical Education  
Elementary Administration  
Physical Education  
Elementary Administration  
Mathematics  
Reading  
Elementary Education  
Elementary Administration  
Physical Education  
Bible  
Mathematics

Texas  
Tennessee  
Missouri  
Georgia  
Mississippi  
Texas  
Arkansas  
Arkansas  
Pennsylvania  
Arkansas  
Arkansas  
Arkansas  
Arkansas  
Arkansas  
Georgia



STATES AND COUNTRIES REPRESENTED  
IN COLLEGE DURING REGULAR SESSION

1980-81

WITHOUT DUPLICATION

States	Number	States	Number
Alabama	73	Montana	10
Alaska	18	Nebraska	12
Arizona	15	Nevada	2
Arkansas	1,009	New Hampshire	5
California	103	New Jersey	32
Colorado	22	New Mexico	3
Connecticut	6	New York	41
Delaware	2	North Carolina	18
District of Columbia	1	North Dakota	1
Florida	91	Ohio	100
Georgia	88	Oklahoma	87
Idaho	4	Oregon	7
Illinois	98	Pennsylvania	42
Indiana	73	South Carolina	6
Iowa	19	South Dakota	11
Kansas	27	Tennessee	242
Kentucky	56	Texas	327
Louisiana	96	Utah	2
Maryland	26	Vermont	3
Massachusetts	6	Virginia	54
Michigan	85	Washington	9
Minnesota	15	West Virginia	23
Mississippi	76	Wisconsin	8
Missouri	174	Wyoming	4
<b>Total from States</b>		<b>3,232</b>	

Foreign Countries	Number	Number	
Australia	1	Netherlands	2
Austria	1	New Guinea	1
Belgium	3	New Zealand	1
Canada	3	Nigeria	6
England	1	Norway	1
France	2	Panama	1
Ghana	1	People's Republic of China	2
Greece	1	Poland	1
Hong Kong	1	Samoa	1
India	1	Saudi Arabia	1
Indonesia	3	Sri Lanka	1
Ireland	1	Switzerland	1
Italy	3	Trinidad	1
Jamaica	1	West Germany	1
Japan	4	West Indies	1
Liberia	1	Zambia	3
Malaysia	1	Zimbabwe	3
<b>Total from Foreign Countries</b>		<b>53</b>	

**TOTAL 3,285**



**ENROLLMENT SUMMARY  
1980-81**

**UNIVERSITY ENROLLMENT**

**REGULAR SESSION 1980-81**

	Male	Female	Total
Freshman	412	453	865
Sophomore	348	407	755
Junior	318	326	644
Senior	445	444	889
Graduate	35	44	79
Special and Post Graduate	24	29	53
		<b>1,582</b>	<b>1,703</b>
			<b>3,285</b>

**SUMMER 1981**

Freshman	37	53	90
Sophomore	64	73	137
Junior	82	104	186
Senior	190	223	413
Graduate	36	68	104
Special and Post Graduate	12	14	26
		<b>421</b>	<b>535</b>
			<b>956</b>

**TOTAL UNIVERSITY 1980-81**

Regular and Summer	2,003	2,238	4,241
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**ACADEMY ENROLLMENT**

**REGULAR SESSION 1980-81**

High School (Grades 7-12)	144	105	249
Elementary (Grades 1-6)	77	74	151
		<b>221</b>	<b>400</b>

**SUMMER 1981**

High School	15	14	29
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**TOTAL ACADEMY 1980-81**

Regular and Summer	236	193	429
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**TOTAL ENROLLMENT**

Total, All Divisions, Regular Session	1,803	1,882	3,685
Total, All Divisions, Regular Session and Summer	2,239	2,431	4,670



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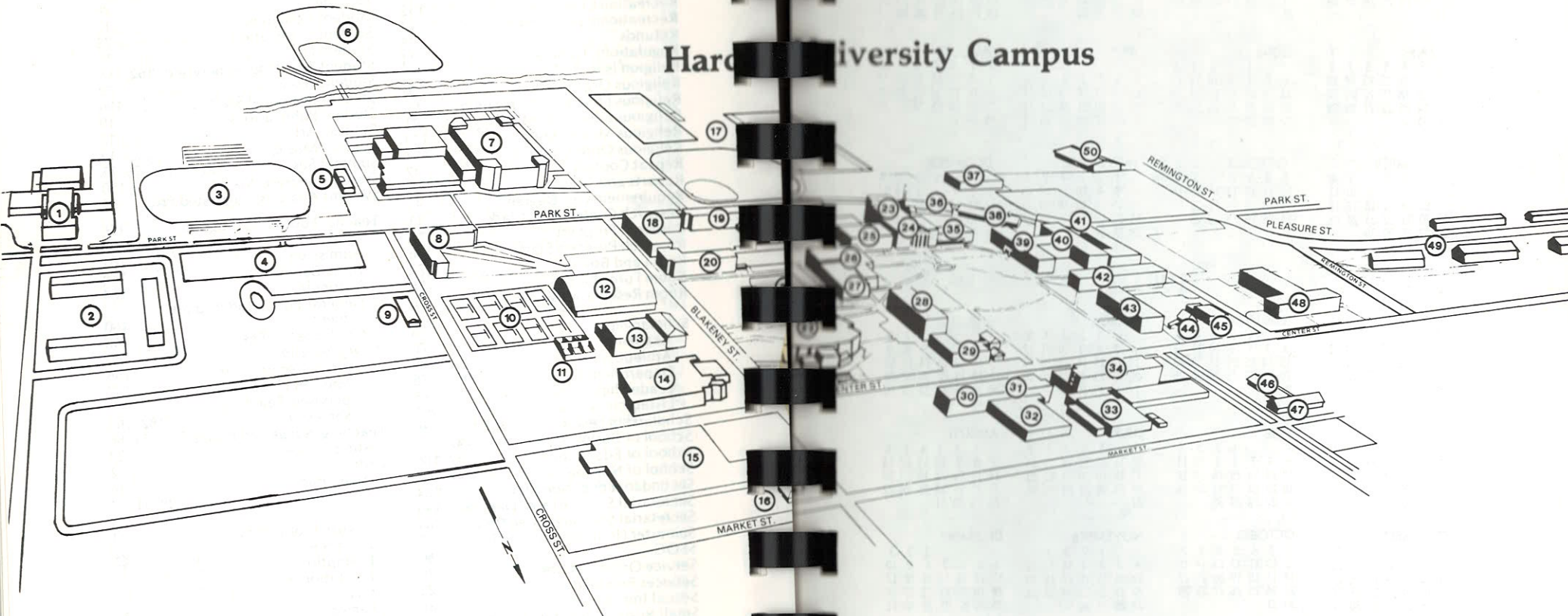
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# Harding University Campus



## Key to the Map

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|--|---|--|---|
| 1. Harding Academy                     | 14. J. E. Mabee Business Center<br>(under construction) | 26. Beaumont Memorial Library                    | 38. Harding Laundry                               |
| 2. Old Married Student Apartments      | 15. Science Building                                    | 27. Educational Media Center                     | 39. Patti Cobb Hall                               |
| 3. Alumni Field                        | 16. Echo Haven  | 28. Hendrix Nursing and Home<br>Economics Center | 40. Cathcart Hall                                 |
| 4. Trailer Park                        | 17. Intramural Fields                                   | 29. Stevens Art Center                           | 41. Stephens Hall                                 |
| 5. Field House                         | 18. Armstrong Hall                                      | 30. Harding University Bookstore                 | 42. Kendall Hall                                  |
| 6. Jerry Moore Field                   | 19. Keller Hall   | 31. Hammon Student Center                        | 43. American Studies Building                     |
| 7. Athletic-Physical Education Complex | 20. Graduate Hall                                       | 32. Bowling Lanes                                | 44. L. C. Sear's Home                             |
| 8. Harbin Hall                         | 21. Intramural Field                                    | 33. Peyton Auditorium                            | 45. Sewell Hall                                   |
| 9. President's Home                    | 22. Benson Auditorium                                   | 34. American Heritage Center                     | 46. Development Offices                           |
| 10. Tennis Courts                      | 23. Administration Auditorium                           | 35. Ganus Building                               | 47. Psychology/Sociology and<br>Counseling Center |
| 11. Handball Courts                    | 24. Administration Building                             | 36. Old Swimming Pool                            | 48. Sears Hall                                    |
| 12. Rhodes Memorial Field House        | 25. Ezell Bible Center                                  | 37. Shipping/Receiving                           | 49. Married Student Apartments                    |
| 13. Claud Rogers Lee Music Center      |   |  | 50. Harding Press                                 |



# 1982

## 1982-1983 Harding University Catalog

### TENTATIVE UNIVERSITY CALENDAR 1983-84

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**FALL SEMESTER -- 1983**

President's Reception for Faculty	4:00-6:00 p.m., Aug. 18
Faculty Conference at Camp Fairbairn	10:00 a.m.-9:00 p.m., Aug. 19
CLEP Tests (Institutional) (except English Composition & Essay)	7:30 a.m., Aug. 22
Registration for all students	9:00 a.m.-4:00 p.m., Aug. 22-24
Assembly for all upper-division HOI preregistered	1:00 p.m., Aug. 22
ACT Test (required if ACT has not been taken)	1:00 p.m., Aug. 22
Academic advising for upperclassmen	1:30 p.m., Aug. 22-11:00 a.m., Aug. 23