

1995

# Harding University Course Catalog 1995-1996

Harding University

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# HARDING

UNIVERSITY



C A T A L O G 1 9 9 5 - 9 6



## FALL SEMESTER — 1995

CLEP Tests (except English Composition & Essay)	7:30 a.m., Aug. 17
President's Dinner for Faculty	Aug. 17
Faculty Conference	Aug. 18
Student IMPACT	Aug. 19-21
Registration for all students	Aug. 21
Classes begin on regular schedule	8:00 a.m., Aug. 22
Final date for enrolling for fall semester	Sept. 4
Final date for application for degree on Dec. 16	Sept. 8
English Proficiency Exam	3:30 p.m., Oct. 10
Graduate Record Examination	8:00 a.m., Oct. 14
CLEP Tests (English Composition & Essay)	7:30 a.m., Oct. 19
National Teacher Examinations (Core Battery)	Oct. 28
Pre-Professional Skills Test	Oct. 28
Lectureship	Oct. 23-28
Homecoming	Oct. 26-28
National Teacher Examinations (Specialty Area)	Nov. 11
Pre-Professional Skills Test	Nov. 11
English Proficiency Exam	3:30 p.m., Nov. 13
Thanksgiving Recess	5:00 p.m., Nov. 17 to 8:00 a.m., Nov. 27
Dead Week	Dec. 5-8
Graduate Record Examination	Dec. 9
Final Examinations	Dec. 11-15
Graduation Exercises	10:00 a.m., Dec. 16
Christmas Recess	12:00 noon, Dec. 16 to 8:00 a.m., Jan. 9, 1996

## SPRING SEMESTER — 1996

Registration for all students	9:00 a.m.-6:00 p.m., Jan. 9
Classes begin on regular schedule	8:00 a.m., Jan. 10
CLEP Tests (English Composition & Essay)	7:30 a.m., Jan. 18
Final date for enrolling for spring semester	Jan. 23
Pre-Professional Skills Test	Feb. 3
National Teacher Examinations (Core Battery)	Feb. 3
Pre-Professional Skills Test	Feb. 3
Final date for application for degree on May 11	Feb. 12
English Proficiency Exam	3:30 p.m., Feb. 12
Spring Recess	March 10-16
National Teacher Examinations (Specialty Area)	March 23
Youth Forum and Spring Sing	April 5-6
English Proficiency Exam	3:30 p.m., April 9
Graduate Record Examinations	April 13
CLEP Tests (National Only) (English Composition & Essay)	April 18
Dead Week	April 30-May 3
Final Examinations	May 6-10
Graduation Exercises	10:00 a.m., May 11

## SUMMER SESSION — 1996

Registration, Intersession	May 13
Classes begin, Intersession	8:00 a.m., May 13
Final Exams, Intersession	May 28
Registration, First Session	June 3
Classes begin, First Session	7:30 a.m., June 3

## SUMMER SESSION — 1996

Final date for enrolling for first session	June 12
English Proficiency Exam	3:30 p.m., June 17
Summer Experience I—CLEP Tests (Institutional)	
(English Composition & Essay)	June 20
Final Examinations, First Session	July 5
National Teacher Examinations (Specialty Area)	July 8
Registration, Second Session	July 8
Classes begin, Second Session	8:00 a.m., July 8
Final date for application for degree on August 9	July 9
Final date for enrolling for second session	July 17
Summer Experience II—CLEP Test (No English Composition & Essay)	July 18
English Proficiency Exam	July 22
Final Examinations, Second Session	Aug. 8
Graduation Exercises	10:00 a.m., Aug. 9

# HARDING UNIVERSITY CATALOG 1995-96



## TENTATIVE UNIVERSITY CALENDAR 1996-97

### FALL SEMESTER — 1996

President's Dinner for Faculty	Aug. 22
Faculty Conference	Aug. 23
Student IMPACT	Aug. 18-20
Registration for all students	Aug. 26
Classes begin on regular schedule	8:00 a.m., Aug. 27
Final date for enrolling for fall semester	Sept. 9
Final date for application for degree on Dec. 21	Sept. 10
Thanksgiving Recess	Nov. 24-30
Dead Week	Dec. 10-13
Final Examinations	Dec. 16-20
Graduation Exercises	10:00 a.m., Dec. 21
Christmas Recess	12:00 noon, Dec. 21 to 8:00 a.m., Jan. 14, 1997

### SPRING SEMESTER — 1997

Registration for all students	9:00 a.m.-6:00 p.m., Jan. 14
Classes begin on regular schedule	8:00 a.m., Jan. 15
Final date for enrolling for spring semester	Jan. 22
Final date for application for degree on May 17	Feb. 9
Spring Recess	March 16-22
Youth Forum and Spring Sing	March 28-29
Dead Week	May 6-9
Final Examinations	May 12-16
Graduation Exercises	10:00 a.m., May 17

### SUMMER SESSION — 1997

Intersession	May 19-June 3
Registration for all students	June 9
Classes begin, First Session	7:30 a.m., June 9
Final date for enrolling for first session	June 15
Final Examinations, First Session	July 11
Classes begin, Second Session	7:30 a.m., July 14
Final date for application for degree on August 15	July 15
Final date for enrolling for second session	July 21
Final Examinations, Second Session	Aug. 14
Graduation Exercises	10:00 a.m., Aug. 15

Harding began as a senior institution of higher education in 1924. As we begin each new year, we remain dedicated to the task of integrating faith into all aspects of learning and living. Our unique mission is to provide a quality education which will lead to an understanding and philosophy of life consistent with Christian ideals. We seek to instill in our students a deep and abiding faith in God along with preparation for excellence in their chosen fields.

If you are a prospective student, 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 in the American Heritage Building. The office is open 8-12 and 1-5 Monday through Friday. Admissions advisors are available on weekends by appointment.

If you are already enrolled at Harding, this catalog serves as your official academic document. We pledge our best efforts toward helping you realize your educational goals.

*David B. Bunker*

President

Harding University  
Searcy, Arkansas 72149-0001  
Telephone: 501/279-4000  
1-800-477-4407



## HARDING HONORS...

### William F. "Bill" Rushton



Professor of Biology Bill Rushton has been a teacher in the classroom for more than 40 years, 35 of which have been at Harding. Before coming to the University in 1960, he taught for six years at high schools in Ava, Mo., and Alton, Mo.

A 1953 alumnus of Harding, Rushton received a bachelor of science degree in biology, chemistry, physics and mathematics through an interdepartmental major. He went on to receive his master's degree in zoology from the University of Arkansas at Fayetteville in 1956. Since that time he has performed graduate work in the areas of atomic physics, nuclear and reactor physics and the history of American education.

His academic studies led him to challenging classroom work and lectures. He was nominated four times for the Distinguished Teacher Award, and his students consistently ranked him high on student evaluations. Former students mention the high goals that Rushton set for pupils, but that he assisted students in making sure they reached the goals.

For his many years of dedication to the Department of Biology, Harding honors William F. "Bill" Rushton.

### Jimmy Allen



Throughout his years as a professor of Bible, Jimmy Allen has taught the message of Christ to thousands of students in his Bible classes at Harding. He has perhaps changed more hearts and lives among students at Harding than in the 38 states and numerous foreign countries where he has preached. Many of the more than 8,000 individuals he has baptized have been his Harding students.

Allen began teaching at Harding as an assistant professor 36 years ago, seven years after receiving his B.A. degree from the University in 1952. In 1968 he was the recipient of Harding's Distinguished Teacher Award. His further studies at Harding's Graduate School of Religion in Memphis earned him his masters degree in 1959. He is also the recipient of an honorary doctor of humanities degree from Oklahoma Christian University, and, most recently, an honorary doctorate from Harding in 1995.

For his years of service to the College of Bible and Religion, Harding honors Jimmy Allen.



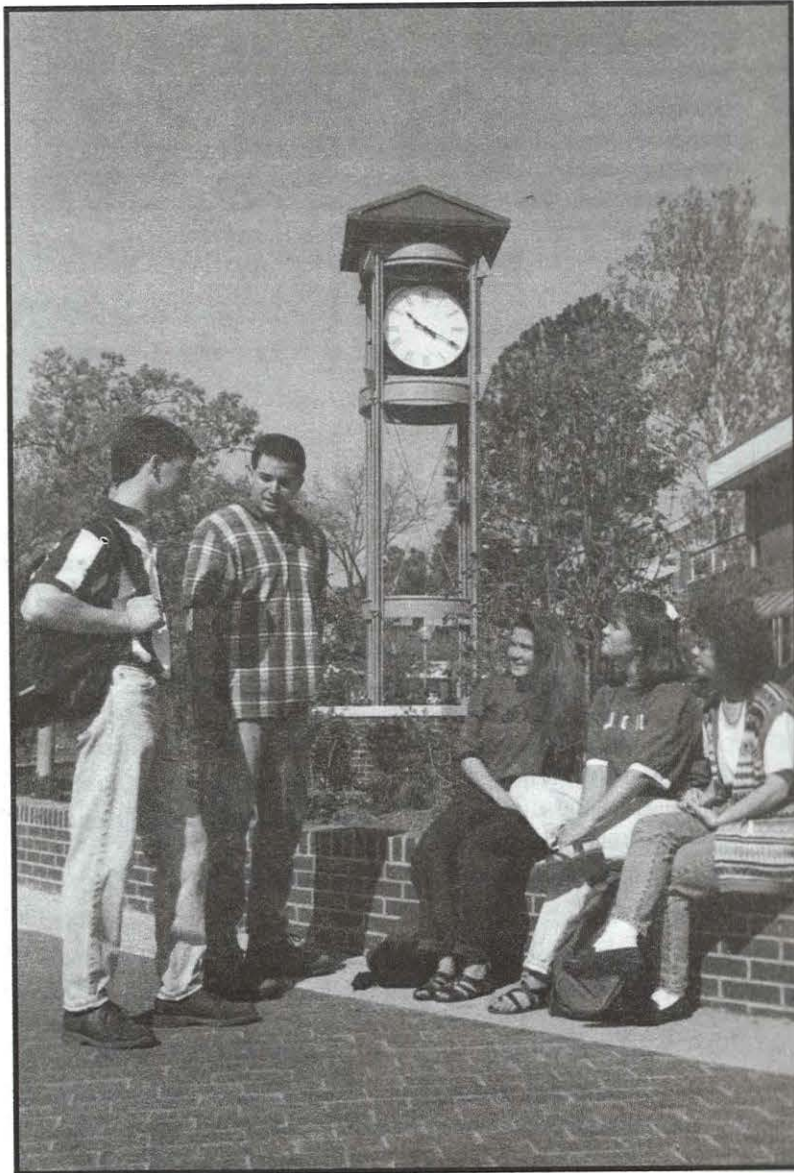
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Harding University is a private Christian institution of higher education committed to the tradition of the liberal arts and sciences. It is composed of the following academic units: a College of Arts and Sciences; a College of Bible and Religion; Schools of Business, Education, and Nursing; and graduate programs in religion and education. The University serves a diverse, coeducational student body from across the United States and around the world, although the primary constituency for students and financial support is the fellowship of the churches of Christ. The Board of Trustees, the administration, and the faculty believe that the freedom to pursue truth and high academic achievement is compatible with the Christian principles to which the University is committed. The faculty are dedicated to excellence in teaching, scholarship, and service and to their role as models of Christian living. The University community seeks to provide an environment that both supports students and challenges them to realize their full potential. Thus, **Harding's mission is to provide a quality education which will lead to an understanding and philosophy of life consistent with Christian ideals.** This involves the following goals:

**Generally, the integration of faith, learning, and living** (developing the whole person through a commitment to Christ and to the Bible as the Word of God, an emphasis on lifelong intellectual growth, and the encouragement of Christian service and world missions through a servant-leadership lifestyle).

**Specifically, the development of Christian scholarship** (while acknowledging dependence on God, stressing Christian commitment to intellectual excellence through a strong liberal arts foundation and effective professional preparation).

**The promotion of Christian ethics** (creating an atmosphere that emphasizes integrity and purity of thought and action).

**The development of lasting relationships** (fostering personal and social relationships through interaction among faculty, staff and students; and stressing a lifelong commitment to marriage and the Christian family).

**The promotion of wellness** (emphasizing that the body is the temple of the Holy Spirit and that lifetime health habits contribute to a better quality of life).

**The promotion of citizenship within a global perspective** (developing a Christian understanding of and respect for other cultures through an emphasis on liberty and justice).

## MOTTO

The motto of Harding University is **"Developing Christian Servants."**

The Harding motto grows from the University mission statement with its emphasis on the integration of faith, learning, and living. Students are encouraged to live lives of service to Christ and His church, and in so doing, to



bless the lives of others. The development of a servant-leadership lifestyle is stressed.

The University provides sponsorship, support, and encouragement for countless Christian service projects, including evangelistic and medical missions, disaster relief, and aid to the disadvantaged. Thus students become more like Christ, who came not to be served, but to serve.

## HISTORY

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 on the campus of Arkansas Christian in Morrilton, Arkansas. Harper had been founded in 1915 in Harper, Kansas, and Arkansas Christian had been chartered in 1919.

After a study begun in May 1978, the Board of Trustees approved the recommended change of Harding to university status, and on August 27, 1979, the name of the institution officially became Harding University.

The college was named in memory of James A. Harding, co-founder and first president of Nashville Bible School (now David Lipscomb University) in Nashville, Tennessee. A preacher, teacher, and Christian educator, James A. Harding gave 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 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 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 died in December of 1991 and is buried in Searcy.

Dr. Clifton Ganus, Jr., a 1943 graduate, served as president from 1965 to 1987. A former history department chairman and vice-president of the college, Dr. Ganus kept alive his predecessor's drive for excellence by leading a plan of campus improvement and expansion. During his administration, enrollment increased from 1,472 in the fall of 1965 to 2,767 in the fall of 1986. Seven major academic buildings, four large residence halls, and several married students' apartments were constructed. A \$1 million addition to the science building was completed in 1984. Also, six academic buildings were renovated and/or enlarged. The Nursing Program, the Social Work Program, the Mission/Prepare Program, the School of Biblical Studies (with programs in Searcy and in Nassau, The Bahamas), and the Harding University in Florence (Italy) Program were developed during his administration. In Memphis, Tennessee, the

Graduate School of Religion experienced significant growth, received accreditation by the Southern Association, and added the doctor of ministry degree to its program. At his retirement, Dr. Ganus became Harding's first chancellor, and in his honor the Board of Trustees named the physical education complex the Clifton L. Ganus Jr. Athletic Center.

Dr. David B. Burks became Harding's fourth president in May of 1987. A 1965 graduate, he has been a member of the faculty since 1967 and previously served as dean of the School of Business. Dr. Burks as professor of business and director of the American Studies Program received the Distinguished Teacher Award in 1974 and 1986. A CPA and consultant, he has written *The Christian Alternative for Business* and *Strategic Management Simulation*, both of which are used as textbooks at Harding. He began the course in Christian Business Ethics, a requirement for all business majors. He has a doctorate in administration of higher education from Florida State University. Under his leadership, the University has experienced record growth in enrollment and giving and, more importantly, is placing significant emphasis on Christian servanthood.

## ACCREDITATION

Harding University is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools. Harding is also a member of the American Council on Education, the American Association of Colleges for Teacher Education, the College Entrance Examination Board, and the National Commission on Accrediting (not an accrediting agency).

The undergraduate Teacher Education Program is accredited by the National Council for Accreditation of Teacher Education (1961). The Social Work Program is accredited by the Council on Social Work Education (1978). The School of Nursing is accredited by the National League for Nursing (1989). The Department of Music is accredited by the National Association of Schools of Music (1989). The School of Business is accredited by the Association of Collegiate Business Schools and Programs (1992). Harding is approved for the training of vocational family and consumer sciences teachers. Letters of accreditation are on file in the president's office and are available upon request.

## LOCATION

Harding's home community, Searcy, Arkansas, a city of 17,000 persons, is the seat of White County. Founded in 1837, Searcy enjoyed gradual growth as the center of a chiefly agricultural area until the last 35 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 has a small airport and is served by bus.

The nearness of Little Rock and Memphis gives Searcians access to the cultural and entertainment opportunities of metropolitan areas without sacrificing the special charms of small-town living. Searcy itself has recreation facilities of all types, and Greer's Ferry Lake to the north of the city is famous for its fishing and 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 interdependence between the University and the community is great. Many Searcians serve Harding in a variety of ways, and the University contributes significantly to the civic, cultural, economic, educational, recreational, and spiritual well-being of the city.

### PHYSICAL PLANT

Campus buildings are located within a few blocks of downtown Searcy. The 47 buildings with their equipment and educational facilities are valued at more than \$85 million and provide an efficient and well-furnished educational plant.

The following are the major structures, with construction and renovation dates:

OLEN HENDRIX HALL (1926, 1975)  
 RHODES MEMORIAL FIELD HOUSE (1949)  
 BRACKETT LIBRARY (1950, 1990)  
 GANUS BUILDING (1951, 1987)  
 ADMINISTRATION BUILDING (1952, 1992)  
 CLAUD ROGERS LEE MUSIC CENTER (1952, 1966, 1969)  
 SEWELL HALL (1953)  
 W.R. COE AMERICAN STUDIES BUILDING (1953, 1992)  
 EZELL CENTER (1960, 1974, 1995)  
 ALUMNI FIELD (1963, 1992)  
 JOHN MABEE AMERICAN HERITAGE CENTER (1965, 1988)  
 JOSEPH E. PRYOR SCIENCE BUILDING (1967, 1984)  
 MILDRED TAYLOR STEVENS MEMORIAL ART CENTER (1969)  
 HAMMON STUDENT CENTER (1973, 1992)  
 CLIFTON L. GANUS, JR., ATHLETIC CENTER (1976)  
 GEORGE S. BENSON AUDITORIUM (1980)  
 JERRY MOORE FIELD (1981)  
 J.E. AND L.E. MABEE BUSINESS CENTER (1982)  
 GOLF PRACTICE AREA (1995)  
 JIM BILL MCINTEER BIBLE AND WORLD MISSIONS CENTER (1994)

WOMEN'S RESIDENCE HALLS: Pattie Cobb Hall (1919, 1988), Cathcart Hall (1951, 1990), Kendall Hall (1961, 1990), Stephens Hall (1968), L.C. Sears Hall (1975).

MEN'S RESIDENCE HALLS: Armstrong Hall (1949, 1990), Graduate Hall (1956, 1990), Keller Hall (1969), Harbin Hall (1971), Allen Hall (1989).

Harding owns several houses near campus which provide housing for junior and senior students when residence halls are filled.

MARRIED STUDENTS APARTMENTS (1958, 1974, 1995): Seventeen buildings: East Married Student, West Married Student, and Alumni Village Apartments.

OTHER BUILDINGS: Bell Tower, Armstrong house, Sears house, old swimming pool, heating plant, laundry building, receiving center, carpentry shop, automotive shop, campus maintenance facility, storage buildings.

CAMP TAHKODAH (1963): The University owns and operates a 1200-acre camp approximately 40 miles north of campus.

### ACADEMIC FACILITIES

Special academic facilities supplement classroom experience with practical opportunities for increased understanding of concepts and students' own creative development. Libraries, laboratories, and studios, for example, provide invaluable training and study opportunities apart from a classroom environment.

#### BRACKETT LIBRARY

The library is the academic heart of the University. On a typical weekday, over one-third of the student body and faculty use Brackett Library, named in honor of Mr. and Mrs. Bob Brackett, who underwrote much of its 1990 renovation costs.

Collections include 407,000 volumes and other media including records, videos, kits, and maps. The library subscribes to 1,141 periodicals and 11 newspapers. Access to information is enhanced by the "Electronic Library" which includes an automated catalog/circulation system, periodical indexing on CD-Rom's for nursing, psychology, business, education, theology, and general interest periodicals; and the availability of on-line searches of remote databases such as BRS, Medline, Chemical Abstracts, and WESTLAW. Dial-up and Internet access to Harding's online catalog is also available. The local collection is supplemented by 22 million items held by other libraries which are accessible to Harding students via the computerized interlibrary loan service.

A staff of six professional librarians, one systems manager, seven support staff, and 53 student workers select, acquire, describe, maintain, and interpret the collection for library users. Services include a reserve book collection, a best-seller collection, library tours, class and individualized instruction, librarians who provide reference/research assistance, photocopiers, typewriters, A-V equipment, conference rooms for group study, and study carrels.



Among the library's special collections are the George S. Benson Collection, the G.C. Brewer Library, archival material related to Harding's history and the history of the churches of Christ, a rare book collection, the Williams-Miles Science History Collection, a juvenile and adolescent literature collection which is maintained as a teaching resource, and the Arkansas and U.S. Government Documents Collections.

The library also maintains a Music Library housed in the Music Building. Records, tapes, CD's, and scores are accessible to all students.

The holdings of the Curriculum Library, located in the American Studies Building, are included in the Brackett Library online catalog. The Curriculum Library contains curriculum and media materials for students preparing School of Education assignments.

### ACADEMIC COMPUTING

Harding's ethernet local area network interconnects campus computer and information resources and also provides access to global facilities via the internet. Digital Equipment Corporation VAXes and Sun Microsystems UNIX machines support centralized computing services. Campus labs, which are open to all students, provide access to DOS/Windows applications and Macintosh applications. These public facilities are complemented by a diverse collection of departmental equipment which addresses the unique needs of the various disciplines.

### EDUCATIONAL MEDIA

**EDUCATIONAL MEDIA CENTER:** The Educational Media Center, located in the Mabey Business Center, contains an assortment of audiovisual equipment, copy machines, and facilities for preparing instructional materials.

### LABORATORIES

**SCIENCE LABORATORIES** for students in biology, chemistry, and physics are located in the Pryor Science Center.

The **R.T. CLARK WELLNESS CENTER**, located in the Pryor Science Center, is equipped with treadmills, bicycle ergometers, an underwater weighing tank for lean-body-mass measurements, electronic equipment for measuring strength, an electro-cardiograph, gas analysis equipment, and other biochemical and hematological equipment for evaluation of physical fitness levels.

**FAMILY AND CONSUMER SCIENCES LABORATORIES** in the Olen Hendrix Building include Food Science; Foodservice Systems Management; Clothing, Textiles, and Design; and Housing and Home Furnishings.

**SCHOOL OF NURSING LABORATORIES**, including the Martha Ruth Simmons Memorial Audio-Visual and Computer Laboratory, are also located in the Olen Hendrix Building.

The **WRITING CENTER/EDUCATION COMPUTER LABORATORY** in the American Studies Building provides tutoring services in writing and computer facilities for students in composition and education courses.

The **SEARS LEARNING CENTER**, located in the Sears house, provides information and services necessary for student success. These include individualized learning environments, drill and practice materials, tutorial and counseling programs, and learning and study skill diagnostic examinations.

The **HARDING EARLY LEARNING CENTER**, a child development center located at Harding Academy, is licensed by the Arkansas Department of Human Services.

### STUDIOS

**ART STUDIOS AND GALLERY:** The Stevens Art Center has studio facilities for many different media, including a computer lab for graphic design. The gallery of the art center hosts student and guest exhibits throughout the year.

**MUSIC STUDIOS:** The Lee Music Center houses a recording studio for choral rehearsals, recitals, recording sessions, and other public gatherings. The listening, electronic piano, and computer laboratories are limited to use by music students, as are the numerous class and practice rooms.

### COMMUNICATION FACILITIES

The Speech and Hearing Clinic is located in the Ganus Building. Nationally certified and Arkansas-licensed speech-language pathologists along with students working toward majors in communication disorders provide a full range of communication assessment and therapy services, including assistance with articulation, language, fluency, and voice difficulties, as well as aural rehabilitation, hearing screenings, and referrals.

Students participate in station management, production, announcing, and sales of campus radio station KHCA. Cable Channel 16 is a training laboratory for students enrolled in television courses.

Four auditoriums (Benson Auditorium, Administration Auditorium, American Heritage Auditorium, and the Little Theater) are available for stage productions. Lighting and sound equipment is available for musicals, dramas, readers theater, and other types of presentations.

### RECREATIONAL FACILITIES

Indoor recreation is centered in Rhodes Memorial Field House, where facilities include three basketball and badminton courts, ping pong, volleyball, and shuffleboard.

The Clifton L. Ganus, Jr., Athletic Center contains handball and tennis courts, a gymnastics area, an indoor track, a weight room, and two indoor swimming pools. Bowling is available in the Hammon Student Center at the Bison Lanes. Games and other recreational facilities are available in the Student Center and in the dormitories.

Outdoor facilities include the Alumni intercollegiate football field, the Jerry Moore intercollegiate baseball field, the James D. Kee nine-lane track at Alumni Field, intramural areas for flag football, softball, baseball, and other sports, and 12 lighted tennis courts.



**AMERICANS WITH DISABILITIES ACT**

Harding complies with the Americans with Disabilities Act of 1990. Most campus buildings are equipped for and accessible to handicapped persons. Class schedules are arranged and other measures taken when necessary to provide reasonable accommodation. New construction is in full compliance with the act.

**CATALOG REVISION**

Enrolled students may elect to follow the current catalog for the year of initial enrollment, or any subsequent catalog, up to and including a time frame of eight years.

Harding University revises the catalog annually and reserves the right to modify its programs of study accordingly. When such cases occur, the University makes every effort to provide alternative solutions which are fair to both the University and its students.

**CATALOG/STUDENT HANDBOOK RELATIONSHIP**

The Harding Catalog sets forth academic policy. The Student Handbook sets forth policies regarding student conduct.

All students are required to read and follow the rules and regulations as presented in the Student Handbook. The handbook contains the Student Code of Conduct, penalties for failure to comply, grievance procedures, and a statement on student rights. Failure to follow the Code of Conduct contained in the handbook can result in suspension from the University. The Student Handbook, as amended from time to time, is incorporated in this catalog by inference for all purposes.

**FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)**

The Family Educational Rights and Privacy Act of 1974 (also known as the Buckley Amendment) guarantees your right to access and privacy regarding your education records. You have right of access to your records, and only persons authorized by the act may access your records without your permission.

Occasionally the media, employers, and scholarship donors request lists of students who rank in the top ten, one-fourth, and one-third of the freshmen, sophomore, junior, senior and graduate classes. Ranks as well as directory information such as name, campus address, permanent address, telephone number, date and place of birth, major field of study, participation in officially-recognized sports activities, weight and height of members of athletic teams, dates of attendance, degrees, achievements, academic awards, honors, most recent previous educational agency or institutions attended, social clubs, academic clubs and societies, and photographs are available to any person inquiring. However, if you do not wish this information to be released, complete a form with the registrar's office or the FERPA administrator.

The agreement for educational services, room and board, and any other incidental goods and services involved in the education process between Harding and its students is made at Searcy, Arkansas, and is construed as a contract in accordance with the laws of Arkansas.

**NONDISCRIMINATION STATEMENT**

Harding is committed to the policy of providing equal opportunity for all persons and does not discriminate in admissions, programs, or any other educational functions and services on the basis of race, color, creed, national origin, sex, age, veteran status, religion, or disability to those who meet its admission criteria and are willing to uphold its values as stated in the Code of Conduct. In the area of employment, Harding does not discriminate on the basis of race, color, creed, national origin, sex, age, veteran status, or disability. Harding, under federal guidelines and as reflected in its Articles of Incorporation, may discriminate as to religion and may adhere to religious tenets regarding the limitation of employment of women in certain preaching and minister roles.

Based upon this commitment, Harding follows the principle of nondiscrimination and operates within applicable federal and state laws prohibiting discrimination. As a recipient of federal financial assistance, Harding is required by Title IX of the Educational Amendments of 1972, as amended, not to discriminate on the basis of sex in its admission policies, treatment of students, employment practices, or educational programs except as required by religious tenets of the Church of Christ. Harding has an Equal Opportunity Plan which is available upon request in the offices of Student Services and Human Resources. Inquiries concerning the application of federal and state laws or regulations may be referred to the Office of Human Resources, Box 2257, 900 E. Center Street, Searcy, AR 72149-0001, telephone (501) 279-4380.

**STUDENT RIGHT-TO-KNOW ACT**

The Student Right-to-Know Act requires colleges and universities to report their graduation rates. Harding graduates over 60 percent of its undergraduate students, which is substantially higher than the national average of 43 percent for public colleges and universities and 54 percent for private colleges and universities.





The social aspect of Harding University—the pursuit of an education within a Christian social environment—is of paramount importance to the University's mission. Indeed, the emphasis on Christ-centered student life within the Harding community is a key indicator of Harding's uniqueness.

This chapter on student life presents an overview of student activities, student services, and the student Code of Conduct. Detailed information is contained in the Student Handbook available from the Office of Student Services.

### RELIGIOUS ACTIVITIES

Opportunities for spiritual enrichment abound. Some, such as Bible classes, chapel, and church, require regular attendance. Many others offer students opportunities to grow personally while serving others. These include:

**Big Brothers/Big Sisters:** Work with disadvantaged younger children.

**Campaigns:** Stateside and international campaigns, conducted mostly during spring vacation and the summer, involve students in evangelistic, medical, and choral mission activities throughout the United States and the world.

**Camps:** Students serve as counselors at Harding's Camp Tahkodah and numerous other camps.

**Chapel:** Faculty and students are required to attend chapel on a daily basis.

**Church Activities:** Faculty and students are required to attend church regularly. Numerous church congregations in Searcy and the surrounding area welcome Harding students.

**Dactylology Club:** Ministry in signing for the deaf.

**Devotionals:** Devotional services are a prominent feature of campus life.

**Good New Singers:** A mixed octet sponsored by the College of Bible and Religion; open to all students by audition.

**Hope:** Harding Outreach Program of Evangelism is led by the director of the Mission Prepare Program.

**Joy:** A women's club emphasizing Jesus first, others second, yourself last.

**Lectureships:** The University lectureship, held the last week in October, features outstanding speakers from around the world. In addition, students administer an annual lectureships in which all presenters are students.

**Mission Study:** Numerous study groups focus on specific aspects of world missions.

**Service Projects:** The Student Association, social clubs, and other organizations sponsor numerous and far-reaching service projects ranging from flood relief to fund-raising for worthy causes.

**Timothy Club:** The College of Bible and Religion sponsors three activities through Timothy Club. Alpha Chi Malachi involves students interested in missions, religious education, and Biblical languages. Tentmakers prepare to



work in self-supported church ministries. Youth Corps focuses on ministry.

## CULTURAL ACTIVITIES

Opportunities abound for cultural growth through participation in music and dramatic productions, art shows, lectures, and special events. These include the fall Homecoming musical production, Spring Sing, and senior shows, recitals, and theatrical presentations.

The Lyceum Committee and the Student Association Student Activities Committee bring outstanding professional performers to campus. Academic departments sponsor visiting lecturers in their respective disciplines. The American Studies Institute brings world-renowned speakers in industry, business, education, and government to campus. Frequently the University sponsors culturally-oriented trips to activities such as Opera Memphis and the Arkansas Symphony Orchestra.

## COCURRICULAR AND EXTRACURRICULAR ACTIVITIES

Some 50 student organizations, including professional clubs, social clubs, honor societies, athletic teams, and special interest organizations provide social and recreational opportunities as a part of the total educational process. These include:

**Honor/Scholarship Societies:** The Arkansas Eta chapter of Alpha Chi National College Honor Scholarship Society at Harding University is the University's designated general honor society. Membership is open to the top 10 percent of the junior and senior classes (3.8 GPA on 80+ hours for juniors; 3.6 GPA on 104+ hours for seniors). Twenty-four hours in residence are required. Membership in Alpha Chi is the highest academic award that can be bestowed at Harding University.

Phi Eta Sigma is the freshman honor society open to students who achieve a 3.0 GPA.

In addition to these general honor/scholarship societies, several academic disciplines sponsor honor societies as well.

**Music Organizations:** The Department of Music sponsors several organizations open to all students by audition. These include Belles and Beaux, a show choir meeting three times each week; Chorus and Concert Choir, mixed choruses meeting daily, performing mostly sacred literature, and touring extensively; Concert Band, rehearsing from late fall through spring, performing concert and symphonic band literature; Jazz Band, performing traditional jazz and featured at Spring Sing; Orchestra, meeting three times per week to perform works of major classical composers for chamber orchestra; String Quartet, an invitational ensemble meeting at least once a week; Thundering Herd Marching Band, meeting regularly in the fall and marching for Bison football games, and University Singers, meeting twice weekly, performing mostly sacred literature, with limited touring.

**Student Publications:** Student publications provide a factual record of the year's events and a laboratory for student writing, editing, and design. The

weekly newspaper, **The Bison**, has won awards in state and national competitions, including First Class and All-American ratings from the Associated Collegiate Press. The yearbook, the **Petit Jean**, was honored consecutively for 27 years with an All-American rating from the Associated Collegiate Press and was one of the two university yearbooks chosen for inclusion in the ACP Hall of Fame at its initiation in 1988. The English Department annually publishes **Shapes and Names**, a magazine of creative writing submitted by students to the Jo Cleveland Creative Writing Contest.

**Communication Activities:** Intercollegiate debate teams participate in several major tournaments each year and have achieved an excellent record in state, regional, and national competitions. Team members also participate in oratory, extemporaneous speaking, public discussion, and oral interpretation events.

The campus radio station, KHCA, is a cable radio station which can be heard throughout a large portion of White County as background music on cable channel 16. The station is student operated and managed by approximately 80 students per year.

The Student Speech and Hearing Association is composed of individuals working toward a major in communication disorders. This organization is affiliated with the National Student Speech-Language-Hearing Association. Projects include a campus-wide hearing screening. Other activities include a graduate fair and trips to regional and national meetings.

Students in mass communication produce news, sports, entertainment, religious, and special event programs for airing on Harding's cable channel 16. TV 16 is reserved exclusively for Harding students and faculty through a special arrangement with White County Video. The station is operated by approximately 120 students per year.

Faculty- and student-directed theatrical productions, including the homecoming musical, are presented each year. Each summer students participate in drama through performance and technical production work in the Searcy Summer Dinner Theater.

**Athletics:** Athletics play an important role in Harding's educational and recreational life.

The Athletic Committee administers intercollegiate sports in harmony with established policies approved by the faculty, and competition is regulated by the 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. Intercollegiate competition is sponsored through dual membership in the National Collegiate Athletic Association (NCAA) and the National Association of Intercollegiate Athletics (NAIA). The program is administered in compliance with the NCAA and NAIA rules and regulations concerning the principles of fair play and amateur athletics, the physical welfare of student-athletes, and the academic success of student-athletes.



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Men's teams are fielded in football, baseball, basketball, track, cross-country, tennis, and golf. Women's teams include basketball, cross-country, tennis, track, and volleyball.

Student athletes must be regularly enrolled in at least 12 semester hours and must have passed no fewer than 24 hours the previous two semesters with a satisfactory cumulative GPA. Participation is limited to four years during the first 10 semesters of undergraduate enrollment.

Harding's outstanding intramural program involves about 70 percent of men and 55 percent of women students. The program includes both team and individual sports, with competition among social clubs and teams organized by the program directors. The major sports are flag football, softball, basketball, and volleyball.

**Social Clubs:** Social clubs involve a large majority of Harding students. Fourteen women's clubs and 15 men's clubs provide students with a variety of club interests and sizes. In contrast to most institutions, Harding assures club membership to all students who desire it. Organized to provide students opportunities to develop leadership abilities and cooperative attitudes, clubs engage in service projects, promote school spirit at University events, and enjoy banquets, parties, outings, interclub athletics, and Spring Sing participation.

**Student Association:** The Student Association (SA) is the student government organization. It is headed by an executive council consisting of four officers and two representatives from each class. Ten committees appointed by the council carry out specific activities of the association.

The SA exists to provide close cooperation among students, administration, and faculty, and to furnish a systematic plan of student participation in the activities of the University. Executive council members serve on standing faculty committees which are concerned with student welfare.

The SA sponsors social events for the entire student body, assists in planning homecoming and other special events, sponsors movies on campus, encourages academic competition among social clubs, studies campus problems, and makes recommendations to the administration and faculty on subjects relating to the University and specifically to students.

## STUDENT SERVICES

The Office of Student Services is responsible for administering policies concerning student life. These policies are set forth in the Student Handbook, which all students are expected to read and abide by. Three programs in particular help meet students' personal needs.

### CAREER CENTER

The Career Center, located in the American Heritage Center, assists students in choosing majors and planning careers. Vocational interest testing, career counseling, and occupational information are all available without charge to students and alumni.

The center assists graduating seniors and alumni in finding suitable employment or graduate study. All graduating seniors are required to register with the center. More than 160 business firms, school systems, and graduate schools come to campus each year to recruit graduates. Placement files are maintained, and credentials packets are prepared free of charge for on-campus interviews, recruiters, and job fairs. Packets also are mailed or faxed for a charge of \$2 each.

The Office of Cooperative Education, located in the Ezell Building, assists sophomores, juniors, and seniors in obtaining jobs related to their major fields so that they may develop professional work skills while financing their education. Students participating in Cooperative Education receive academic credit for the work experience. For further information see the Cooperative Education section of the catalog.

### COUNSELING CENTER

The Counseling Center is located on the third floor of the McInteer Center. A staff of professionally trained counselors provides confidential assistance with educational, personal, marital, and social problems.

The center helps students achieve realistic appraisals of abilities, interests, values, and aptitudes. Special sessions are offered in time management, study skills, and self-improvement. If tests are needed for self-understanding, academic planning, or vocational selection, these are administered and interpreted at no cost. All services are short-term, non-fee services independent of any medical, instructional, or disciplinary measures.

### HEALTH CENTER

Health services are funded through registration costs and include first-aid and such emergency care as can be administered adequately in the University Health Center.

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 \$535 to \$570 per year for a single student under a student group plan, with higher rates for students having dependents. This plan covers hospitalization, surgical fees, and medical care as provided in the policy and includes intramural athletic activities.

Students participating in intercollegiate athletics are covered on a separate policy for athletically related injuries during participation, practice, and travel to and from athletic events. However, this insurance does not cover other injuries or illness.

Health services do 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 students are expected to pay the additional cost.



Students may select their own physician in consultation with the 1995-1996 Harding University Catalog Center. The University does not assume financial responsibility for medical services arranged by students. Financial responsibility of the University for health service ends with the termination of student status.

## CODE OF CONDUCT

Harding expects its students to conduct themselves as responsible citizens in a Christian community.

Enrollment at the University is viewed as a privilege which brings attendant responsibilities and accountability. In order to encourage Christian living and growth, the University administers a student Code of Conduct. This code contained within the Student Handbook, is available upon request from the Office of Student Services and is provided to every student upon enrollment.

In making application to the University, you acknowledge and agree to abide by this code. Harding University reserves the right to refuse admission to or dismiss students whose lifestyle is not consistent with the Christian principles that Harding stands for and when the general welfare of the institution requires such action. Students suspended for disciplinary reasons during a semester may receive a grade of "F" in all courses for that semester.

Contents of the Student Handbook may be summarized briefly as follows:

1. You are encouraged to develop a servant-leadership-ministry lifestyle which integrates faith, learning, and living.
2. You are expected to pursue honesty and integrity, avoiding all forms of dishonesty.
3. To encourage spiritual growth, you are required to attend Bible classes, chapel, and church services.
4. Personal wellness is stressed, and you must abstain completely from illegal drugs, alcohol, and tobacco in any form.
5. Social wellness is stressed, and you must exclude all forms of sexual immorality, pornography, and profanity.
6. You are expected to dress modestly at all times.
7. You are expected to abide by a positive residence hall code designed to encourage Christian living.
8. Sportsmanship and fair play are expected.
9. You are encouraged to participate in social clubs, which provide opportunity to reflect the mission of the University in a social context.
10. You are expected to serve others, consistent with the development of a servant-leadership lifestyle.

Because the University believes that a knowledge of the Bible and an appreciation of its teaching constitute the foundation for building happy and useful lives, you are required each semester to enroll in a Bible course or in an approved course in a related field.

One of the most important periods of the day is the chapel service, which draws faculty and students together in a common worship experience. The quiet devotional period is followed by programs designed to facilitate the

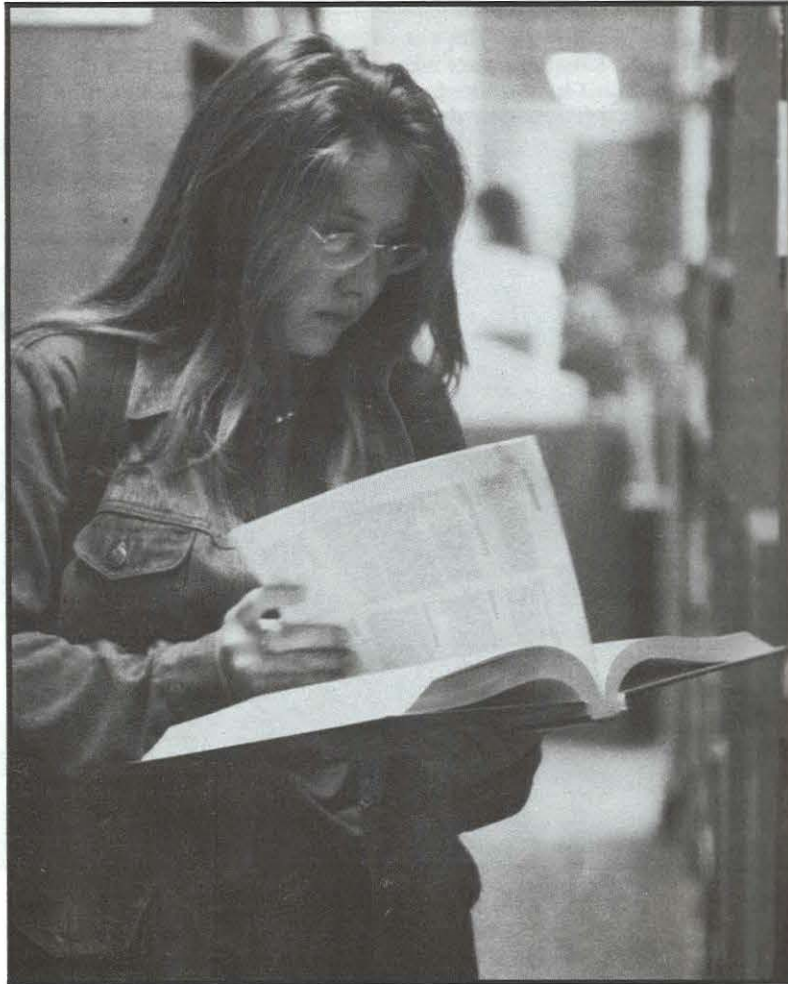
mission of the institution. You are required to attend daily. Policies concerning chapel attendance are set forth in the Student Handbook.

You are expected to attend church services regularly.





# ACADEMIC INFORMATION



## ADMISSION POLICIES

Harding University as a private university reserves the right to determine and administer its admission policies. Consistent with its mission, the University seeks to enroll students who appreciate its Christian heritage and show promise of academic success.

As stated earlier and more fully in the Nondiscrimination Statement, Harding in its admission policies does not discriminate on the basis of race, color, creed, national origin, sex, age, veteran status, religion, or disability.

**High School Graduates:** Generally, students who attain a 3.0 high school GPA and an ACT composite score of 19, or an O-SAT combined score of 780 (before April 1, 1995), or an R-SAT combined score of 900 (after April 1, 1995) qualify academically for unconditional admission.

Students who do not meet these requirements must be reviewed by the Admissions Committee. Here ACT/SAT scores and academic records are considered; high scores in one area may offset low scores in the other. Early application is encouraged to ensure individual consideration. Alternative enrollment dates (especially summer) may be required if you fail to meet the standards.

**Transfer Students:** Transfer students with a 2.0 GPA are considered for unconditional admission. Those with lower averages are reviewed individually and may be granted probational admission during any semester or summer term. Transfers who have been full-time students elsewhere for at least one semester and who have earned 14 or more semester hours of credit acceptable by Harding are not required to submit ACT/SAT scores or high school transcripts.

Full credit is normally given for courses transferred from accredited institutions if these courses approximate those at Harding. Students presenting transfer credit from non-accredited institutions may have this credit validated by special examinations or on the basis of satisfactory work completed in residence.

In order for you to graduate, at least 32 hours must be earned in residence at Harding, and 60 hours must be earned at a four-year college. You may enter Harding under the catalog in effect during your freshman year, subject to the eight-year statute of limitation discussed in the Catalog Revision catalog section.

Transfer credit counts as upper-level credit only if the course has junior-senior status at the institution where taken. All work transferred from a junior college is considered lower-level credit except for 300-level courses taken in the third year in an approved third-year program. After you have earned 68 hours of credit, work from a junior college is not accepted.

**Non-High School Graduates:** Prospective students who did not graduate from high school may apply for admission and attach a complete statement regarding educational background and qualifications. Those who have a General Education Development (GED) Certificate and meet the other admis-



sion requirements are considered by the Admissions Committee. ACT or SAT scores must be sent to Harding.

**Home-Schooled:** Prospective students who are home-schooled must submit transcripts, ACT/SAT test scores, and references. If transcripts are not available, then GED scores must be submitted in addition to ACT/SAT scores.

**Early Entrance:** You may be accepted for admission without finishing high school if you are 17 years old at the time of enrollment; have completed 12 solid units; have an ACT of 24 (O-SAT of 990 or R-SAT of 1090); have a 3.0 GPA; have good references; and have the approval of the Admissions Committee.

**Advanced Studies Program:** Local high school students who have achieved a "B" average or better in 12 solid courses may be approved for dual enrollment in college courses during Summer Session. Some may qualify for admission to Harding the following fall semester.

**Special Students:** Special students are exempt from admission requirements. You may be permitted by the vice president for academic affairs to enroll in any course for which you are qualified, but credit earned as a special student does not count toward a degree.

## ADMISSION PROCEDURES

The Office of Admissions Services provides comprehensive assistance to prospective students. For an application packet and other information, contact the Director of Admissions, Harding University, Box 2225, Searcy, AR 72149-0001. The toll-free number is 1-800-477-4407; the FAX number is (501) 279-4865; the E-Mail address is MWilliams@Harding.edu. Since enrollment at Harding is limited, early application is encouraged.

**Admission Fees:** The \$25 application fee and the \$125 housing reservation deposit are discussed in detail under the heading Admission Fees in the financial section of the catalog.

**Reference Forms:** Two reference forms included in the application packet must be completed in order for you to be considered for admission. The academic reference form should be completed by a counselor, principal, or teacher (dean of students or registrar if you are a transfer student). The character reference form should be completed by a minister, youth minister, or other church leader.

**Transcript(s):** Copies of academic credentials must be placed on file. Students entering college for the first time should have your high school guidance counselor or principal send an official high school transcript directly to the director of admissions. Students who make early application should request that these be sent at the mid-term of the senior year. Transfer students must have official transcripts sent by the registrar of each institution previously attended.

**ACT/SAT Scores:** Entering freshmen must submit either ACT or SAT scores as entrance examinations. Transfer students with fewer than 14 hours of credit must also submit these scores.

The ACT is administered 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 is in June. The SAT is given at test centers across the country seven times during the school year between October and June. Students who wish to apply for scholarships should take the ACT/SAT at one of the earlier test dates. Information and application blanks may be obtained from high school counselors or principals, or from the Harding admissions office.

**Readmission Procedures:** Students who have previously attended Harding and are returning do not have to make application through the admissions office. Apply instead through the Office of Student Services. This office will process the readmission form and send appropriate notification.

If you have attended another college or university since your last enrollment at Harding, you must send a transcript of that work to the registrar at Harding. Graduate students must apply to the dean of the appropriate school.

## REGISTRATION POLICIES

**Registration:** Registration is held at the beginning of the first week of each semester. In addition, accepted students may preregister (enroll in classes) at one of two Summer Experience early orientation sessions. Returning students typically preregister near the end of each semester for the following semester.

**Academic Advising:** Faculty members serve as academic advisors and approve all course schedules. Students are assigned to faculty in their majors or preprofessional fields. Students who are undecided about their majors are assigned to faculty advisors who assist with scheduling classes.

**Late Registration:** Students who complete registration after the appointed day are charged a late registration fee as stipulated in the Special Fees section of the catalog.

Registration is not permitted after Monday of the third week of the fall and spring semesters, after the second day of Intercession, and after the first week of either summer term except for limited programs. Exceptions must be approved by the instructor and the registrar.

**Drop/Add:** You may not drop or add classes between preregistration and the first day of classes. Beginning on the first day of fall and spring semester classes you may submit to the registrar a signed official Drop and Add Notice. During the first week of classes there is no charge for drop/add. After this time a nominal Special Fee is charged.

The last day to add a class is Monday of the third week for the fall and spring semesters, Tuesday of the first week for intercession and short sessions, and Monday of the second week for summer session terms.

Any class dropped without official University approval is recorded as "F." Courses dropped by Monday of the third week do not appear on the transcript. Classes dropped after Monday of the third week are assigned a grade of "W" (withdrew); the GPA is not affected. The last day to drop a class is Friday of the thirteenth week (fall) or fourteenth week (spring). For summer



sessions, Friday of the second week (for intersession and short sessions) and the fourth week (for five-week sessions) are the deadlines.

**Auditing:** You may register for courses on a non-credit basis. The Special Fee for auditing a course is \$90.50 per credit hour.

**Dual Registration:** While attending Harding, you may not enroll at another institution in order to keep from taking Bible, attending chapel, or living on campus.

## COURSE POLICIES

**Classification:** 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. Juniors must have 60 hours, and seniors must have 90 hours.

Students enrolled in 12 or more hours per semester are classified as full-time students. Those enrolled in fewer than 12 hours per semester are classified as part-time students. However, part-time students who enroll in more than 8 hours per semester are subject to Bible course and chapel attendance policies.

**Course Numbering:** Normally 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 upper-level credit. First-semester sophomores may receive upper-level credit in these courses provided they are preceded by a year of freshmen credit in the same subject. All 300 and 400 courses are upper-level.

Courses numbered 300 or above are not open to freshmen. Courses numbered 300-399 are primarily for juniors and seniors, but sophomores may enroll in these courses with the consent of the instructor and the department chairman or dean. Courses numbered 400-449 are open only to juniors and seniors; courses numbered 450-499 are open only to seniors.

**Graduate Credit:** Courses numbered 500-599 may be taken for graduate credit by qualified students. Credit in a course at the undergraduate level normally voids the course at the 600 level. Courses numbered 600 and above are open only to graduate students and require at least 12 hours in the field as a prerequisite. Although students who are within 9 hours of the baccalaureate degree may enroll for 500 and/or 600 courses if approved in advance by the director of graduate studies or dean, credit in 500 and 600 courses cannot be applied toward meeting baccalaureate degree requirements.

**Semester Hour:** A semester hour of credit requires 15 hours of lecture, recitation, discussion, or the equivalent, exclusive of the time devoted to final examinations.

**Majors and Minors:** Every degree program requires a major, which should be chosen as early as possible. Majors typically contain from 30 to 60 hours, although some are larger. Majors with fewer than 48 hours typically require

a minor of 18 hours from another field. Within these majors, 18 hours must be upper-level, and 6 hours of the minor must be upper-level.

Broad area majors consist of 48 or more hours, 24 of which must be upper-level. A minor is not required.

Within the major department, only 12 hours beyond the minimum hours required in the major may count toward the 128 required for graduation.

While minors typically consist of 18 hours, a few require more. Hours in the minor may be reduced by courses in general education and Bible which also count toward the minor. Thus while the degree programs in this catalog stipulate 18 hours, this number varies.

**Double Majors:** Students pursuing two majors in a single department, where a common core of course requirements exists, must, in addition to completing the requirements for both majors, complete 15 hours beyond the first major.

Students earning two baccalaureate degrees at graduation or returning for a second baccalaureate degree must earn 160 hours.

Two identical degrees (for example, two B.A.'s or two B.S.'s) may not be awarded at the same commencement.

**Special Majors:** Students who choose a vocation for which there is no cataloged major in many cases may arrange a program of study through the vice president for academic affairs and appropriate department chairmen.

**Maximum Load:** The normal course load is 16 hours per semester. Many first-semester freshmen, however, should limit loads to 14 or 15 hours; 18 hours is the maximum load permitted a freshman.

Juniors and seniors whose cumulative GPA is 3.0 or who have earned a 3.0 the previous semester may carry 20 hours of credit. Under no circumstances may you enroll in more than 20 hours per semester.

**Leveling Work:** Leveling work may be needed in order to meet the prerequisites for more advanced courses. For example, students whose ACT English subscore is 18 and below or whose O-SAT (before April 1, 1995) verbal score is 360 and below or whose R-SAT (after April 1, 1995) verbal score is 440 and below must enroll in ENG 100 before taking ENG 111. ENG 100 is then considered to be leveling work. Leveling work decreases the number of electives and/or increases the number of hours in a degree.

**Repeat Courses:** You may repeat any course which you have 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. The repeated course cannot be dropped without losing credit in the course. You may not raise your GPA by repeating a course and then withdrawing.

**Class Attendance:** Class attendance policies are determined by individual faculty members. Admission to the University obligates you to observe these policies.



**Bible Class Attendance:** Students who take more than 8 hours in 1995-1996 or in summer school (excluding intersession) must take a Bible class that meets at least 3 hours a week. The only exceptions are students in the supervised teaching semester or field study, students who already have a baccalaureate degree and who fulfilled their Bible requirements in that program, and students with more than 120 hours, including 8 semesters of Bible.

Bible class attendance is compulsory regardless of the grade being earned. One week of unexcused absences is allowed. Students who accumulate excessive unexcused absences are penalized on their final grade at the rate of three percentage points per class hour missed beyond the above designated maximum. Students who miss more than three class hours beyond the maximum are referred to the Bible Attendance Committee for disciplinary action. Failure to attend Bible class may result in suspension from the University.

**Bible-related Courses for Juniors and Seniors:** The following courses may be taken as substitutes for required Bible courses by juniors and seniors who have already satisfied the 8-hour general education requirement in textual Bible: Upper-level textual Greek and Hebrew courses, missions courses, and philosophy courses; BUS 435 by business, public relations, and advertising majors; NURS 413 by nursing majors; PHS 410 by senior science, biology, and mathematics majors who meet the qualifications for admission to the course, and SOC 401 by social science majors.

**Remaining Bible:** This heading, contained in the listing of every academic major, represents the 8 hours of Bible that a typical student takes after completion of the four Bible courses required in general education. It assumes that a student will take four semesters (8 hours) of Bible beyond general education. However, transfer students, students whose programs include a semester of supervised teaching or field study (when Bible is not required), and perhaps others may be required to take fewer than 8 hours.

**Correspondence Courses:** A maximum of 18 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 have been completed. If correspondence work is permitted while you are in residence, the hours of credit carried by correspondence are 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. A course that you have previously failed will not be approved. Courses 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.

**Reserve Officer Training Corps (ROTC):** Harding accepts ROTC credit from the University of Central Arkansas in Conway. Consult the registrar or Bill Hemphill in the School of Business for details.

## EXAMINATIONS

### COURSE EXAMINATIONS

You are expected to take all scheduled examinations. If you miss an examination because of illness confirmed by the school nurse or a family physician, participation in a school-sponsored activity, or other cause sanctioned by the vice president for academic affairs, you may make up that examination. Procedures for making up examinations differ from teacher to teacher, and these are subject to the approval of the vice president for academic affairs. Teachers are under no obligation to give make-up examinations for unexcused absences.

Final examinations are subject to the guidelines listed above. Generally they may not be taken ahead of schedule, and then only by prior approval of the vice president for academic affairs. (Lab courses are an exception.) A change of examination fee, listed in the Special Fees section, is charged except for confirmed illness and official school representation.

### SPECIAL EXAMINATIONS

Harding requires 96 hours of credit by formal course instruction, including classroom instruction, independent study, co-op and field work, contract courses, and correspondence courses (maximum of 18 hours). Beyond this, you may earn course credit by taking examinations outside the formal classroom environment. Often these are taken prior to or at the time of initial enrollment. There is no limit to the number of credits which may be earned by special examinations. All credit earned serves to advance academic classification and progress toward a degree.

**Advanced Placement (AP):** Harding grants credit to incoming freshmen for courses completed in the Advanced Placement Program of the College Entrance Examination Board. A table of available AP exams, minimum qualifying scores accepted by Harding, courses for which qualifying scores may earn credit, and number of hours which may be earned, is printed below. No grade is assigned and no tuition is charged. A Special Fee of \$40 is charged for each course recorded on your transcript. Freshmen earning AP credit may take sophomore-level courses in the subject where credit was earned.

AP TABLE

AP Course	Score	Course	Credit
Art/History	3	ART 101	2
Art/Studio/Drawing	3	ART 103	3
Art/Studio/General	3	ART 103	3
Biology	3	BIOL 121	4
Chemistry	3	CHEM 121, 122	8
Computer Science A	3	COMP 170	5
Computer Science AB	3	COMP 170, 245	8
Economics/Macro	3	ECON 201	3
Economics/Micro	3	ECON 202	3
English Lang/Comp	3	ENG 111, 211	6



English Lit/Comp	3	ENG 111, 211	6
European History	3	HIST 110, 111	6
French Language	3	FR 101, 102	8
French Language	4	FR 101, 102, 201	11
French Language	5	FR 101, 102, 201, 202	14
French Literature	3	FR 271	3
German Language	3	GER 101, 102	8
German Language	4	GER 101, 102, 201	11
German Language	5	GER 101, 102, 201, 202	14
Government & Politics	3	POLS 205	3
Math/Calculus AB	3	MATH 201	5
Math/Calculus BC	3	MATH 201, 251	10
Music/Listening/Lit	3	MUS 101	2
Music/Theory	3	MUS 111	3
Physics/B	3	PHYS 201, 202	8
Physics/C	3	PHYS 211, 212	8
Spanish Language	3	SPAN 101, 102	8
Spanish Language	4	SPAN 101, 102, 201	11
Spanish Language	5	SPAN 101, 102, 201, 202	14
Spanish Literature	3	SPAN 271	3
U.S. History	3	HIST 101/102	6

**College Level Examination Program (CLEP):** Harding is a CLEP test center and awards credit through General and Subject Examinations. Credit is awarded for specific courses. No grade is assigned and no tuition is charged. A Special Fee of \$40 is charged for each course recorded on your transcript.

CLEP examination fees are set by ETS and are subject to change. Currently they are \$50 per examination.

You should consider taking CLEP exams if your ACT score is 27 or higher (O-SAT 1110 or higher; R-SAT 1200 or higher), or if you have completed relevant high school honors courses or have knowledge of specific subject areas through life experiences.

CLEP General Examinations test knowledge in general subject areas. At Harding up to 14 credit hours may be earned on the General Examinations in English, humanities, and natural science as follows:

#### CLEP GENERAL EXAMINATIONS

General Examination	Cut Score	College Course	Credits Earned
English Comp with Essay	500	ENG 111	3

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Humanities	500 550	ART 101 or MUS 101 2 from ART 101, MUS 101, ENG 201, and ENG 202	2 4/5
Natural Science	500 550	Any Physical Science Any Physical Science and Biology 111	3 6

CLEP test registration forms are mailed to incoming freshmen in April by the Office of Student Services. They may also be obtained from high school counselors or from Harding's Office of Institutional Testing, HU Box 2250, Searcy, AR 72149-0001. If you wish to take CLEP exams elsewhere, a CLEP Test Center booklet listing test centers is available from CLEP Publication Orders, Box 6601, Princeton, NJ 08541-6601.

CLEP General Examinations must be taken no later than the first date following enrollment as a freshman—October in the fall semester and January in the spring. A completed registration form and appropriate fees are due at the Office of Institutional Testing at least one month before the test date.

The General English Composition with Essay examination is administered four times a year—in January, April, June, and October. Incoming freshmen must take this general exam in June (before fall enrollment), October (during the first semester), or January (during the first semester).

CLEP Subject Examinations test knowledge in specific subject areas. They may be taken on any test date during your undergraduate enrollment. They are administered on the third Thursday of the month in January, April, June, July, August, and October. You may not take Subject Examinations for courses in which you are or were enrolled.

#### CLEP SUBJECT EXAMINATIONS

Subject Examination	Cut Score	College Course	Credits Earned
Accounting, Intro	55	ACCT 205, 206	6
American Government	55	POLS 205	3
American History I	55	HIST 101	3
American History II	55	HIST 102	3
Analysis/Interp of Lit	55	ENG 201/202	3
Calculus/Element Func	55	MATH 201	5
College Algebra	55	MATH 151	4
College Algebra/Trig	55	MATH 171	5
College French	55	FR 101, 102	8
College German	55	GER 101, 102	8
College Spanish	55	SPAN 101, 102	8
Freshman College Comp	55	ENG 111	3
General Biology	55	BIOL 111	3
General Chemistry	55	CHEM 114, 115	8



Info Systems/Comp Appl	55	COAP 101, 210	1995-1996 Harding University Catalog
Macroeconomics	55	ECON 201	3
Marketing, Principles	55	MKTG 330	3
Microeconomics	55	ECON 202	3
Psychology, Introductory	55	PSY 201	3
Sociology, Introductory	55	SOC 203	3
Trigonometry	55	MATH 152	2
Western Civilization I	55	HIST 110	3
Western Civilization II	55	HIST 111	3

**International Baccalaureate (IB):** Harding grants credit for appropriate courses based on qualifying scores of 5 on the Higher Level examinations. Course equivalencies are determined by participating departments. No credit is awarded for the subsidiary exams, and no tuition is charged. A Special Fee of \$40 is charged for each course recorded on your transcript.

**Credit by Examination:** To encourage independent achievement, Harding offers students the opportunity to earn credit by taking comprehensive course examinations. Entering freshmen with outstanding high school records and examination scores may receive credit by examination for courses which largely duplicate completed high school work. Enrolled students with GPA's of 3.0 may also earn credit. However, students who have either withdrawn from or failed courses may not earn credit by examination in these courses.

You must apply on a form supplied by the registrar's office and obtain approval of the instructor, department chair, and vice president for academic affairs. A fee of \$10 is payable at the time of application. A grade of "C" or higher must be achieved in order to earn credit; the grade earned is recorded on your transcript. Tuition and the general fee are charged when credit is awarded. No transcript recording fee is charged.

**Validation:** Students who have taken courses of study in non-collegiate programs such as hospitals, business schools, and vocational schools may validate college credit for such study through comprehensive examinations for comparable courses offered at Harding.

There is a \$10 application fee for each course attempted. A grade of "C" or higher must be achieved in order to earn credit; the grade earned is not recorded on the transcript. There are no tuition or recording charges. Validation credit counts toward the 96-hour course instruction requirement for graduation.

**Exemption Examination:** You may earn exemption from most general education required courses by passing appropriate comprehensive examinations. There is a \$10 application fee for each course attempted. No credit is awarded.

## GRADES

**Grade Reports:** Reports of mid-semester and semester grades are sent to parents or guardians unless you meet federal requirements for exemption and file a written request with the registrar that grades not be sent.

Grade	Standard	Quality Points
A	Excellent	4
B	Good	3
C	Average	2
D	Below Average	1
F	Failure	0
W	Withdrawn	—
I	Incomplete	0
N/C	No Credit	—
NR	No Grade Reported	—

An "I" may be given only when you have been unable to complete a course for circumstances which in the judgment of the faculty member were unavoidable. It must be removed by the end of the first nine weeks of the semester immediately following the semester or summer term in which it was received.

A grade of "I" is considered to be an "F" for GPA computing purposes until it is removed, and it becomes an "F" automatically if not removed by the deadline.

**Change of Grade:** After a final grade has been reported to the registrar, the only basis for changing the grade is error on the part of the faculty member in calculating or reporting the grade. Students appealing a grade should first consult the teacher, next the department chair, then the dean, and finally the vice president for academic affairs in accordance with accepted procedures. For additional information, see the Academic Grievance Procedure section of the catalog.

**Grade Point Average (GPA) Computation:** Cumulative GPA is calculated on the basis of total quality points earned divided by total hours attempted. In this catalog the term "GPA" is to be construed as minimum cumulative GPA unless otherwise indicated.

**Dean's List:** A Dean's List is published each semester honoring those who achieve high scholarship. To be eligible you must earn a 3.5 GPA on 12 or more hours of work.

**Graduation with Honors:** Graduating seniors who achieve a 3.3 GPA graduate *cum laude*. Those with a GPA of 3.6 graduate *magna cum laude*, and those with a GPA of 3.85 graduate *summa cum laude*.

**Academic Warning, Probation, and Suspension:** The following table sets forth criteria for less than satisfactory academic progress.

Time Frame	Academic Warning	Probation
First sem. through 25 sem. hrs.	Less than 1.50 GPA	Less than 1.35 GPA
26 through 55 semester hours	Less than 1.75 GPA	Less than 1.50 GPA
56 through 79 semester hours	Less than 2.00 GPA	Less than 1.75 GPA
80 sem. hrs. through graduation		Less than 2.00 GPA



Academic Warning status is an early warning to students who are in 1995-1996 Harding University Catalog of being put on probation and as such does not carry any restrictions.

Academic Probation policy applies only to fall and spring semesters, not to summer sessions. Probation is removed at the end of a semester, never at mid-semester. Failure to remove Academic Probation status the following semester results in academic suspension.

Students on academic probation are limited to a normal course load and are not eligible to represent the University in extracurricular activities such as intercollegiate athletics, chorus, debate, band, dramatic productions, and student publications. Representing the University includes public performances and trips but not regular meetings and practices.

Students on academic suspension are required to drop out for at least a full semester. You may attend summer sessions, however, and if you achieve a satisfactory record on a program of summer work approved in advance by the Academic Retention Committee, you may be accepted for readmission for the fall semester. In order to be readmitted, you must make application for readmission to the Academic Retention Committee, giving evidence that you will be able to do satisfactory academic work if readmitted.

In general, a second suspension is permanent and results in academic dismissal.

## GRADUATION REQUIREMENTS

The following are minimum requirements for graduation:

1. Complete 128 semester hours. Some majors require more.
2. Complete 96 hours of formal instruction (classroom instruction, independent study, co-op and field work, contract courses, validation, correspondence courses). Credit earned without formal instruction (AP, CLEP, IB, credit by examination) does not count toward the 96.
3. Complete 45 hours of upper-level work (courses numbered 250 and above).
4. Complete 32 hours in residence at Harding.
5. Complete 23 of the last 32 hours in residence at Harding.
6. Earn a GPA of 2.0 in all work.
7. Earn a GPA of 2.0 in your major.
8. Transfer students must earn a 2.0 GPA in all work taken at Harding.
9. Transfer students must earn a GPA of 2.0 in all courses taken at Harding in your major.
10. Transfer students must earn 9 upper-level hours in your major (for a Bible major, 10 hours) at Harding.
11. Transfer students must complete 60 hours at a four-year institution.
12. Complete all general education and major requirements as outlined in the catalog.
13. Satisfy the English Proficiency requirement in one of the following ways:
  - (1) Pass ENG 249.

(2) Earn a grade of "B" or higher in HNRS 201 or in both ENG 111 and 211 (or earn CLEP credit in ENG 111 and a grade of "B" or higher in ENG 211).

(3) Earn a grade of "C" or higher in ENG 281 at Harding.

(4) Receive credit in ENG 111 and 211 at Harding through the Advanced Placement Program or the International Baccalaureate Program.

(5) Pass the English Proficiency Examination (EPE) after reaching junior standing. You may take this test only four times, and you may not take it after you earn 105 hours.

14. File a "Request for Degree" form with the registrar's office. May or August graduates must file your "Request for Degree" early in the fall semester of the senior year. December graduates must file early in the spring semester of the senior year.

## CODE OF ACADEMIC CONDUCT

Students at Harding are expected to be honorable and to observe standards of academic conduct appropriate to a community of Christian scholars. Harding expects from its students a higher standard of conduct than the minimum required to avoid discipline. All acts of dishonesty in any academic work constitute academic misconduct. This includes but is not necessarily limited to the following:

1. *Cheating*: Use or attempted use of unauthorized materials, information, or study aids in any academic exercise.
2. *Plagiarism*: Representing the words, ideas, or data of another as your own in any academic exercise.
3. *Fabrication*: Falsification or unauthorized invention of any information or citation in an academic exercise.
4. *Aiding and Abetting Academic Dishonesty*: Intentionally helping or attempting to help another student commit an act of academic dishonesty.
5. *Chemical Consumption*: Consuming chemicals which alter thinking and cause physical or behavioral changes, unless these are taken under the direct supervision of a physician.

Incidents of alleged academic misconduct should be resolved between the faculty member and the student whenever possible. If a matter cannot be resolved, it must go to the appropriate department chairman or dean. Appeals of the chairman's or dean's decision may be made to the vice president for academic affairs, and ultimately, to the Academic Misconduct Appeals Committee.

In cases where the faculty member is also a department chairman, dean, or the vice president for academic affairs, he or she may assume all of the authority of his or her highest office in the carrying out of this procedure.

The procedure set forth below is to be followed in order to facilitate a full and equitable resolution of allegations of academic misconduct.

**Resolution by Student and Faculty Member:** A faculty member or any other person who has reasonable cause to believe that you have engaged in an act



of academic misconduct may confront you with the allegation as soon as possible. If a resolution cannot be reached between the faculty member and you, the faculty member must report the matter to his or her department chairman.

**Resolution by Department Chairman:** The department chairman will confer with the faculty member or other appropriate person, ascertain the circumstances involved, and review pertinent materials to determine if a reasonable or sound basis exists for believing that academic misconduct has occurred. If he or she concludes that there is reasonable or sound basis for believing that an act of academic misconduct may have been committed, then he or she will promptly arrange a conference with you. You must be informed that an issue of possible academic misconduct exists and that further investigation of the circumstances by the department chairman may be necessary in order to determine whether an act of academic misconduct has occurred.

The department chairman may resolve the matter as follows:

1. The matter will be dismissed if evidence is presented which leads the department chairman to conclude that you did not engage in an act of academic misconduct, or that such misconduct cannot be proven.
2. The matter will be concluded at the departmental level if you make a voluntary written admission that you engaged in an act of academic misconduct. In matters where an admission is made, the department chairman will, with the written concurrence of the faculty member, prescribe a penalty. Under such circumstances, the penalty prescribed can be anything up to, but not including, suspension or expulsion.
3. The matter will be forwarded to the academic dean if (a) it is not resolved by a dismissal of the charge or admission of wrongdoing; or (b) either the faculty member or you insist upon further review of the situation. The department chairman has the authority to refuse to take a voluntary written admission and may forward the matter to the academic dean if he or she believes that the offense may warrant suspension or expulsion.

**Resolution by Academic Dean:** Any matter not resolved by the department chairman must be forwarded to the academic dean. The academic dean may arrange conferences with the faculty member, you, and others as may be appropriate, to discuss the matter in question. You will be given the opportunity to make a statement and present any evidence, witnesses, or materials favorable to your position. The academic dean, after careful deliberation, will render a decision. You will be informed in writing of the dean's decision and of your right to appeal within 48 hours of receipt of the notice of the dean's decision.

**Resolution by Vice President for Academic Affairs:** If you appeal the decision of the academic dean, the vice president for academic affairs must schedule a conference with you to explore the circumstances and reasons for an appeal. If, after meeting with you and conferring with others as may be appropriate, the vice president for academic affairs is able to reach a satis-

factory and agreeable solution to the matter, the appeal process will be concluded.

**Resolution by Academic Misconduct Appeals Committee:** If mediation of the appeal to the vice president for academic affairs fails, then he must convene an appeals committee to resolve the issues that remain. The committee will consist of the vice president for student affairs, the vice president for academic affairs, one student from the division where the alleged misconduct occurred and who is appointed by the president of the SA, and one faculty member from the division where the alleged misconduct occurred and who is appointed by the president. The vice president for academic affairs will serve as hearing administrator and will coordinate and preside at all meetings conducted to resolve the academic misconduct issues; he or she will have a vote in determining the decision of the committee and will serve the committee in matters of process and procedure. The committee's decision will be final and will conclude the process insofar as the University is concerned.

The hearing will be conducted in a manner which ensures substantial fairness and will not be restricted by the rules of evidence common to court proceedings. All witnesses will be required to attest to a statement regarding the accuracy of the testimony to be given. The usual order will be the submission of evidence of the alleged academic misconduct; the submission of evidence in support of the charge; the submission of any rebuttal evidence; and closing arguments. Evidence of previous violations of University rules and regulations or violations of local, state, or federal laws, ordinances, and regulations will not be considered in determining whether the violation charged was in fact committed, but such evidence may be considered in determining the appropriate sanction.

The involved faculty member and you will have reasonable opportunity for questioning of the witness(es). If a witness is unavailable, the committee will determine whether or not, in the interest of fairness, the written statement of such witness(es) will be admitted. However, in no case will such evidence be considered unless an opportunity for rebuttal is provided. Only one single verbatim record will exist. Hearing proceedings (excluding deliberations of the panel) will be tape-recorded and become the property of the University. The hearing will be open only to the involved faculty member, you, witnesses, and representatives (including the committee) of the vice president for academic affairs. Neither legal counsel nor your parents will be permitted to appear before the committee except as witnesses.

**Record of Academic Misconduct:** If you admit or are found to have engaged in academic misconduct, your name, student number, and academic division will be forwarded to the office of the vice president for academic affairs, which will act as a central clearinghouse for the names of all students who have been determined to have engaged in academic misconduct. The office of the vice president for academic affairs will assist the department chairman or dean in determining whether or not you have a prior determination of academic misconduct. If it is determined that you engaged in academic misconduct, then your prior record of academic misconduct will be considered in imposing sanction.



## ACADEMIC GRIEVANCE PROCEDURE

If you have reason to question the decision of a faculty member with regard to a grade received in a course or unreasonable denial of academic progression, a procedure has been established to resolve your grievance. The procedure is as follows:

1. You must register your complaint in writing to the faculty member within seven days following the alleged incident. Within the writing, you must set forth reasons and grounds for your grievance. Upon receipt of the complaint, the faculty member must meet with you and strive to resolve the problem.
  - a) If a resolution cannot be reached within five days and the complaint concerns a course within the College of Arts and Sciences, then it is your responsibility to register your complaint in writing with the department chairman. Upon receipt of the complaint, the department chairman must meet with the faculty member and you and strive to resolve the problem. If a resolution cannot be reached within five days, then it is your responsibility to initiate the grievance procedure set forth in paragraph 2 and following.
  - b) If a resolution cannot be reached within five days and the complaint concerns a course within the College of Bible and Religion, School of Business, School of Education, or School of Nursing, then it is your responsibility to initiate the grievance procedure set forth in paragraph 2 and following.
2. If, after completion of the procedure set forth in paragraph 1 above, you believe that your grievance has not been equitably resolved, then you may file an appeal in writing with the appropriate dean and set forth within the appeal the grounds and reasons of the appeal. The dean must immediately notify the involved faculty member of the appeal, and upon notification, the faculty member will have three days to respond in writing to your allegations.

Within five days of receipt of the appeal, the involved dean must appoint an ad hoc Grievance Committee and notify the faculty member and you of the date and time to appear before the committee for a formal hearing on the allegations and issues. The hearing must be held within 14 academic days of the receipt of the appeal. ("Academic days" are those days included within the fall and spring semesters and summer terms excluding intersession.)

The hearing must be conducted in a manner which ensures that substantial fairness is done, and it will not be restricted by the rules of evidence common to court proceedings. All witnesses will be required to

attest to a statement regarding the accuracy of the testimony to be given. Each party will have the right to be accompanied by one other person, but that person may not be your parent, guardian, or legal counsel. The hearing will be open only to the faculty member, you, and witnesses. Neither your parents, guardian, nor legal counsel will be permitted to appear before the Grievance Committee except as witnesses. Hearing proceedings (excluding the deliberations of the committee) will be tape-recorded.

Each party will make a brief opening statement. Evidence will then be presented by the faculty member in support of the grade assigned or the denial of academic progression. Then you will be permitted to present evidence in support of your allegations. Thereafter, both sides will be permitted to present rebuttal evidence followed by closing statements. During the hearing the faculty member and you will have reasonable opportunity for orderly questioning of the witnesses. Evidence may be presented in the form of witnesses or documents which are relevant to the issues to be determined by the committee.

At the conclusion of the evidence, the hearing will be adjourned and the committee will have three days to reach a final decision. The decision must be submitted in writing by the committee chairperson to the faculty member, you, and the dean. The decision of the committee will be by majority vote.

3. The decision of the Grievance Committee may be appealed by the faculty member or you to the vice president for academic affairs within three days of its receipt. Upon receipt of the appeal, the vice president for academic affairs will cause to be prepared a transcript of the hearing before the Grievance Committee. That transcript, along with all documents submitted by both parties, will be reviewed by an ad hoc Appeals Committee appointed by the vice president for academic affairs. The committee will be composed of three persons, and the vice president for academic affairs will serve as the chairman for the committee. The responsibility of the Appeals Committee will be to review the record created before the Grievance Committee and to render a decision based on a review of the record. There will be no opportunity for presentation of additional evidence before the Appeals Committee. The Appeals Committee may take one of the following actions:
  - a) Affirm the decision made by the Grievance Committee, in which case the decision is final.
  - b) Remand the decision of the Grievance Committee for additional evidence, reconsideration, and redetermination. The redetermined decision of the Grievance Committee is subject to further appeal to the vice president for academic affairs.

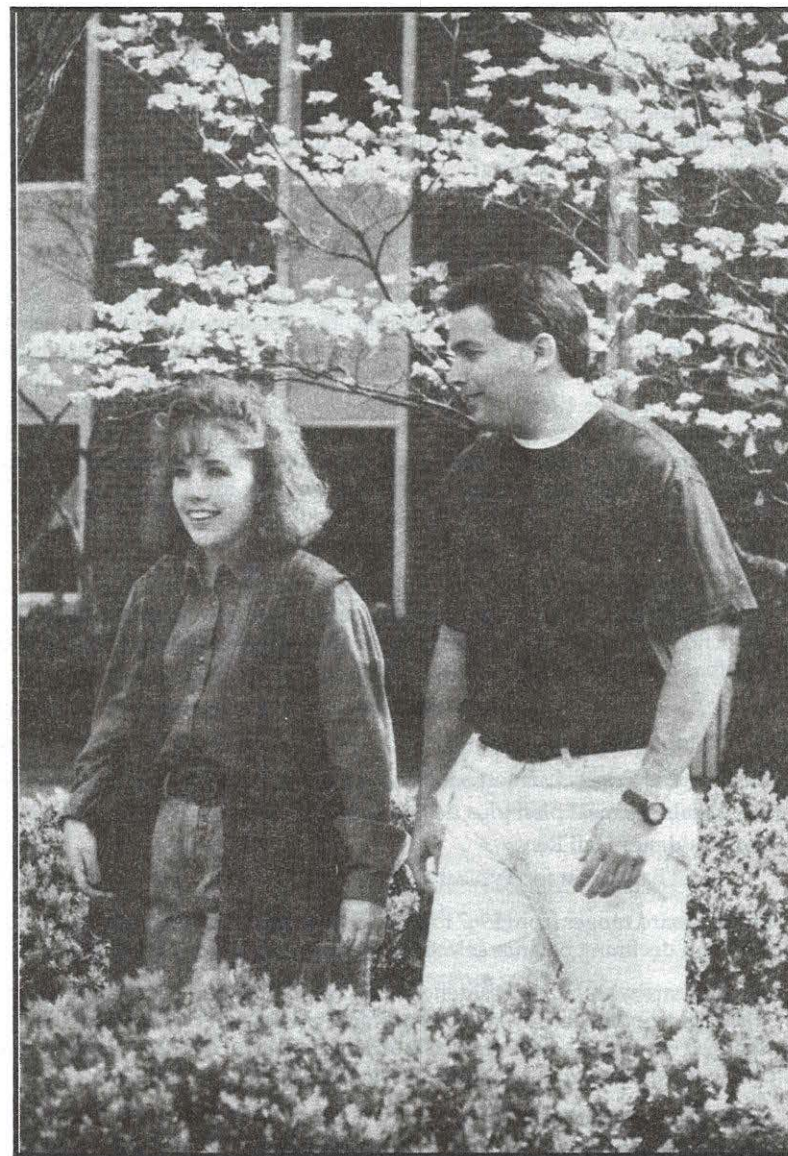


- c) Reverse the decision of the Grievance Committee and render their own decision, in which case their decision will be final.

Upon final decision of the Appeals Committee, you will have exhausted your right of appeal within the University.

As in the case of any policy and policy guidelines, Harding reserves the right to change them or to make appropriate revision, additions, amendments, or corrections. Faculty and students will be notified of any substantial changes.

## FINANCIAL INFORMATION





## EXPENSES

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Financing a college education is a concern shared by virtually all prospective students and their parents. The financial information contained in the following pages presents educational expenses in a realistic manner and suggests ways that you can meet them.

Harding University, a private institution without benefit of tax support, must meet its operating costs by income from student tuition and fees, government grants, auxiliary enterprises, gifts, and endowment earnings. As tuition and fees are discussed in the following pages, you will discover that the cost of attending Harding is moderate compared to many colleges and universities of the same size and quality.

**Admission Fees:** Two fees should accompany the Application for Admission—a \$25 application fee and a \$125 housing reservation deposit. These may be forwarded as one check or money order for \$150 made payable to Harding University. The application fee is non-refundable and is designed to cover the cost of application processing. The housing reservation deposit is applied to your account. The housing reservation deposit will be refunded for dorm rooms if your reservation is canceled before May 1 for the fall semester, October 1 for the spring semester, or April 1 for summer session. Commuting students should file only the \$25 application fee. Married students applying for campus housing should file, in addition to the \$25 application fee, a \$125 apartment reservation deposit for a total of \$150. The apartment reservation deposit is refundable if the reservation is canceled 30 days prior to occupancy date.

**Typical Expenses:** A typical boarding student taking 15 hours per semester can meet all regular expenses of tuition, fees, room, and board for \$10,054 for the school year. A non-boarding student can meet expenses of tuition and fees for \$6,420. These expenses are illustrated in the following table:

	SEMESTER	YEAR
Tuition (15 semester hours)	\$2,715.00	\$5,430.00
General Fees (15 semester hours)	495.00	990.00
Meals (16 meal plan plus declining balance)	967.00	1,934.00
Residence Hall Rent	850.00	1,700.00
Total Basic Cost for Typical Student	\$5,027.00	\$10,054.00

**Board:** Board ranges from \$967 to \$1,258 per semester, depending on the meal plan and declining balance selected. Meal tickets are non-transferable.

All students who live in residence halls are required to eat in the cafeteria. Students who have a physician's statement prescribing a special diet are still required to eat in the cafeteria, but the cafeteria will furnish the diet prescribed by the physician at the regular cafeteria price.

Freshmen and sophomores must take either a 16- or 21- meal plan. Juniors and seniors may choose a 12-, 16-, or 21-meal plan.

**Married Student Housing:** Married students may rent furnished/unfurnished apartments on campus for \$227 (one-bedroom) and \$242 (two-bed-

room) per month plus utilities in the East Married Student Apartments. Apartments in Alumni Village rent for \$310 (two-bedroom) unfurnished and \$335 (two-bedroom) furnished, plus utilities. Town houses in Alumni Village rent for \$335 (two-bedroom) unfurnished and \$360 (two-bedroom) furnished, plus utilities. The telecommunication fee for all of these is \$16.50 per month.

### Special Fees:

Advanced Placement credit (per course)	\$40.00
ART 105	15.50
ART 205	21.00
ART 211	21.50
ART 235/255 (each)	57.50
ART 249	27.50
ART 250	11.00
ART 251	10.00
ART 260	9.00
ART 312/512 (each)	8.25
ART 340	66.25
ART 345/545 (each)	62.00
ART 360/560 (each)	36.00
ART 365/565 (each)	55.25
ART 375/575 (each)	9.00
ART 400, 401/501 (each)	57.50
ART 475/675	Depends on field
Automobile registration fee (non-refundable)	52.50
BIOL 121, 122, 311, 313, 352/552, 407/507, 416/516 (each)	15.75
Career Center credentials for alumni (each set)	6.50
Change of examination fee (each)	7.00
Chemistry and physics lab fees, each course, non-refundable	33.00
CHEM 405/505 (non-refundable) (each)	56.50
CLEP credit (per course)	40.00
CLEP national examination (per test; includes administration fee; subject to change by College Board)	50.00
COMD 301, 302 plus liability insurance (each) (amount to be determined by insurance company)	19.50
COMD 420, 421 plus liability insurance (each) (amount to be determined by insurance company)	146.25
COMM 220, 253, 275, 305, 372/572, 409/509 (each)	40.00
Credit by examination fee (per course; plus tuition and general fee if credit is earned)	10.00
Deferred payment fee	19.50
Drop and Add fee (each transaction)	8.50



Education 203 PPST (subject to change by ETS)	109.00
Education 308	36.75
Education 320/520 (each)	18.00
Education 381, 481 (each)	73.50
Education 383, 441, 442, 475 (each)	171.25
Education 419-431 (SEED) (each)	18.00
Education 419 (SPED)	18.00
Education 451, 461	146.25
ENG 100	16.50
ENG 101	16.50
Exemption examination (per course)	10.00
FCS 246, 267, 300, 471 liability insurance	(amount to be determined by insurance company)
Graduation fee (required of all graduates whether attending or not)	73.50
HIST 366/566	46.75
HIST 390/590	46.75
International Baccalaureate credit (per course)	40.00
Key deposit	30.00
KINS 101	29.00
KINS 124	27.50
KINS 302/502 (each)	15.75
KINS 312/512 (optional non-credit driver education instruction)	131.25
KINS 355, 356 (each)	12.25
Late registration	
On Tuesday-Friday after cataloged date	38.75
On the following Monday-Wednesday	50.00
After Wednesday of second week	60.50
MUS 100	205.25
MUS 215, 216, 217, 218 (each)	17.25
MUS—PIA 100	168.00
MUS—VOI 100	156.50
MUS—half-hour private lesson per week	170.25
MUS—hour private lesson per week	296.75
MUS—piano rental (private piano/voice students)	34.75
National Teacher Examination (subject to change by ETS)	145.00
NURS 203	42.00
NURS 300 (spring of 1996)	105.00
NURS 315	141.75
NURS 350, 351, 352 (each)	57.75
NURS 362	84.00

NURS 450, 452, 453 (each)	57.75
NURS 462	84.00
Nursing malpractice liability insurance is included in course fees.	
Post office box rent (required in college housing, non-refundable)	29.00
PSY 440/540 liability insurance	(amount to be determined by insurance company)
RECR 133	varies with activity
RECR 210	10.00
SOC 451 liability insurance	(amount to be determined by insurance company)
S WK 452 liability insurance	(amount to be determined by insurance company)
Telecommunication fee (per student, each semester; required in residence halls, non-refundable)	50.00
Telecommunication fee (each month; required in married student housing)	16.50
Transcript of academic record	5.25
Transcript of academic record (fax)	6.50
Transcript of national test scores (after first copy)	5.25
Tuition for auditing class (per credit hour)	90.50
Validation examination (per course)	10.00
<b>Summer Session Expenses:</b> For financial information regarding Summer Session, see the Summer School Bulletin.	
<b>Graduate School Expenses:</b> For a summary of the tuition and fees for graduate students in Education, see the Graduate Catalog. The same facilities and rates for room and board are available for graduate students as for undergraduates. Expenses for graduate students at the Harding University Graduate School of Religion are published in the Bulletin of the Harding University Graduate School of Religion, 1000 Cherry Road, Memphis, Tennessee 38117.	

## FINANCIAL POLICIES

**General Policies:** Harding's financial well-being is dependent upon prompt payment of accounts. For this reason, no diploma, certificate, transcript, or letter of recommendation is issued if you 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, you may be suspended for non-payment of indebtedness.

Students employed by Harding whose accounts are up-to-date according to the published payment plan may receive all compensation due.

Semester charges are not reduced when you enroll late.



**Payment of Accounts:** A payment of \$1,575 each semester must be made at the time of registration. The balance of the account may be paid when billed (Fall, September 20; Spring, February 5) or on a deferred basis in three monthly installments as follows:

FIRST SEMESTER	SECOND SEMESTER
September 20	February 5
October 20	March 5
November 20	April 5

The deferred payment fee is \$19.50 per semester.

An 8 percent per year service charge is 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, you are granted admission with the understanding that you are to remain for a full semester. After you register, general fees are not refunded.

When you officially withdraw, refund of tuition (not general fees) is governed by the following policy calculated from the cataloged date for enrollment:

Within first week	90 per cent refund of tuition
Within second week	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 fifth week	No refund of tuition

Students leaving residence halls by permission of the administration are refunded rent for the unused time, except that any part of a four-week period started is counted as a full period. The telecommunication fee is non-refundable.

Board is refunded when your student ID is returned to the Business Office. Cost of meals and declining balance will be due for any week started plus any declining balance spent over the amount prorated. No refund can be made for meals missed while enrolled. Refunds cannot be made for meals missed due to late enrollment. The official check-out from residence halls is the determining factor for meal refunds.

If your withdrawal results from misconduct, the institution is under no obligation to make any refunds.

Scholarships are charged back at the same rate tuition is refunded unless you have Title IV Federal Financial Aid; then refunds are based on the U.S. Department of Education's refund formula.

Based on the Higher Education Amendments of 1992, students receiving Title IV financial aid and attending Harding University for the first time are given a pro rata refund for the first semester if they do not complete 60 percent of the enrollment period for which they have been charged. If you are not

enrolled for the first time, then a standard refund calculation determines how much of the Title IV financial aid must be returned to the federal programs. In some cases, all Title IV aid must be returned.

## FINANCIAL AID

Financial aid is available to most Harding students in the form of scholarships, government grants, loans, work-study programs, veterans programs, and vocational rehabilitation programs.

These funds are administered wholly or in part by the Office of Student Financial Services. Requests for information and assistance should be directed to Harding University Box 2282, Searcy, AR 72149-0001, telephone (501) 279-4257 or 1 (800) 477-3243.

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

1. Apply or be admitted to Harding University. Application forms are available from the Office of Admissions Services.
2. Request application forms for financial aid from the Office of Student Financial Services.
3. Complete an approved need analysis application.

In most cases, to qualify for financial aid, you must be enrolled for at least 12 hours each semester. Before enrolling for fewer than 12 hours, check with the Office of Student Financial Services to find out what effect it will have on your financial assistance.

Financial aid awards are based on current federal and state regulations. To help meet your need (as determined by your completed need analysis), application awards are made in the following order: grants, scholarships, loans, and work-study. You have the right to accept or decline any aid that is offered.

**Disbursements:** With the exception of Federal Stafford Student Loans, disbursements are made once each semester and are credited to your account during registration or during the semester. Stafford Loans are disbursed twice during each loan period.

**Refunds:** If you withdraw from school during the semester, an evaluation is made to determine whether or not refunds are due to federal or state financial aid programs. If refunds are due, they are allocated in the following order:

- Unsubsidized Federal Stafford Student Loan
- Subsidized Federal Stafford Student Loan
- Federal PLUS Loan
- Federal Perkins Loan
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Other Title IV aid programs
- Federal Nursing Student Loan



## Other federal sources of aid

State programs of aid

Private sources of aid

Institutional aid

Student or family payments

**Satisfactory Academic Progress Policy:** Students who receive Title IV financial aid must make satisfactory progress toward a degree. Satisfactory progress includes maintaining the following GPA's:

1.35 First semester through 25 semester hours

1.50 26 through 55 semester hours

1.75 56 through 79 semester hours

2.00 80 semester hours through graduation

In addition, full-time students must complete degree work according to the schedule below. In the table, academic year is construed to mean the fall, spring, and summer sessions.

Academic years completed	1	2	3	4	5	6
Semester hours completed	18	36	58	80	104	128

Part-time students may take longer, with expectations prorated according to academic load.

Failure to maintain the required GPA and complete degree work on schedule results in suspension of aid. When the requirements once again are met, aid is reinstated the following semester.

Students with mitigating circumstances regarding financial aid may appeal in writing to the Financial Aid Committee through the Office of Student Financial Services. Appeals for the approaching school year must be received by August 1.

**Ethics:** Beyond academic requirements, in accepting financial aid you incur an ethical responsibility to observe the University Code of Conduct and fulfill your contractual financial obligations.

## SCHOLARSHIPS

**ACT/SAT Scholarships:** All full-time students with high school GPA's of 3.0 are eligible for financial aid based on reported ACT or SAT scores. In cases where both are reported, the higher one is considered.

All ACT/SAT scholarships are prorated over a four-year period. To retain your scholarship you must be a full-time student and maintain a 3.0 cumulative GPA.

Cut scores, scholarship amounts, and required high school GPA's are listed in the table below. In the table the O-SAT is the original SAT test which was in effect until April 1, 1995. The R-SAT is a recentered test which took effect on that date.

CUT SCORES	ACT/SAT Amount Awarded/4 years	HIGH SCHOOL GPA
ACT of 33 or above O-SAT of 1370 or above R-SAT of 1420 or above	\$16,000	3.0
ACT of 32 O-SAT of 1320-1360 R-SAT of 1370-1410	\$12,000	3.0
ACT of 29-31 O-SAT of 1190-1310 R-SAT of 1260-1360	\$8,000	3.0
ACT of 28 O-SAT of 1150-1180 R-SAT of 1230-1250	\$6,000	3.0
ACT of 25-27 O-SAT of 1030-1140 R-SAT of 1130-1220	\$4,000	3.0
ACT of 23-24 O-SAT of 950-1020 R-SAT of 1050-1120	\$3,000	3.0
ACT of 22 O-SAT of 910-940 R-SAT of 1020-1040	\$2,000	3.0
Valedictorian	\$1,200 can only be combined with ACT/SAT	3.0
Transfer Students GPA 3.5 or higher GPA 3.25-3.49	\$1,000/year \$750/year	3.0 3.0

**National Merit Scholarships:** An unlimited number of scholarships are available to National Merit Scholarship finalists. These provide full tuition and fees. During eight semesters of enrollment, the amount awarded is approximately \$30,000. To apply, send your official National Merit score report to the director of admissions. A photocopy is not acceptable.

To retain your scholarship, you must be a full-time student and maintain a 3.25 cumulative GPA.



**Trustee Scholar Awards:** Twenty Trustee Scholar Awards (full time 1995-1996 Harding University Catalog) are awarded on a competitive basis to applicants who meet the qualification requirements and are selected. To be considered you must

Have a 31 or higher ACT composite score, 1280 or higher O-SAT combined score, or 1330 or higher R-SAT combined score;

Have a 3.5 GPA (based on 4.0);

Undergo a scholarship interview on campus after March 15;

Be a full-time residence hall student;

Possess leadership ability;

Have good moral character;

Be a new Harding student with fewer than 14 transferable semester college hours, excluding AP, CLEP, and IB credit.

You must already be admitted to Harding and apply by March 15. Winners are selected and notified by mid-April. If selected, you must accept the scholarship by May 1. To retain your scholarship, you must be a full-time dormitory student and maintain a 3.25 cumulative GPA. If you are not selected, you receive automatically the academic scholarship which is commensurate with your ACT/SAT test score.

**Departmental Scholarships:** Scholarships are awarded in speech and debate, vocal and instrumental music, family and consumer sciences, art, and Bible. Generally these, except for debate, are awarded to departmental majors. Contact the appropriate department chairman or dean for information.

**Athletic Grants-in-Aid:** Grants-in-aid are available in men's and women's athletics, according to rules of the NCAA. The maximum grant-in-aid covers tuition, fees, room, and board. Contact the head coach of each sport for information.

**Endowed Scholarship Funds:** Scholarship funds have been established by friends of the University in order to help students receive an education. When you apply for admission to Harding, you become a candidate for these scholarships. In many cases these funds are used to pay for scholarships you already have been awarded. Therefore, unless otherwise specified, do not apply for these scholarships.

Scholarship funds, loan funds, and endowment funds comprise Appendix 2 at the back of this catalog.

## GOVERNMENT GRANTS

**Federal Supplemental Educational Opportunity Grants:** FSEOG grants are available to undergraduate students with exceptional needs.

**Federal Pell Grants:** All undergraduate students are eligible to apply for Federal Pell Grants. Applications may be obtained from the Office of Student Financial Services or from high school counselors.

**State Grants:** Residents of Arkansas, Pennsylvania, Rhode Island, and Vermont may apply for grants from your respective states.

The Office of Student Financial Services is the primary source of information about loans and grants. Contact the office at Harding University Box 2282, Searcy, AR 72149-0001. The telephone number is (501) 279-4257 or 1 (800) 477-3243.

**Federal Stafford Student Loan:** The Federal Stafford Student Loan Program makes loans available to both undergraduate and graduate students. Loans normally are made through hometown banks and other private lending agencies. Some states have deadline dates for loan applications. If local lending institutions are unwilling to make student loans, other sources are available. Contact the Office of Student Financial Services for information.

Through this program you may borrow at an interest rate based on the 91-day Treasury Bill plus 3.10 percent. Repayment need not begin until you graduate or cease taking a half-time load of study. The government pays the interest while you are in school if you qualify for a subsidized loan based on need. Students who do not qualify on the basis of need are given unsubsidized loans and are responsible for the interest while in school.

**Federal Perkins Loan:** Students who show a financial need may be able to borrow through the Federal Perkins Loan Program. Repayment begins nine months after you leave school and continues for no more than ten years at an interest rate of 5 per cent per year.

**Federal Nursing Student Loan:** This program assists students who are pursuing degrees in nursing.

**Loan Funds:** Numerous student loan funds have been established through the generosity of friends of the University. These funds are administered by the Office of Student Financial Services and are published in Appendix 2 at the back of this catalog.

## WORK

Work on campus is a source of financial aid to students, some of whom work up to 20 hours a week and earn more than \$1,400 per semester. Many, of course, work fewer hours and earn less.

There are two work programs: The College Work-Study Program, funded by the federal government; and the Harding program. To qualify for either program, you must complete an approved need analysis application and the Harding Student Data Form.

Students approved for work on campus are eligible for work but are not guaranteed an assignment. Neither can Harding promise that you will be able to earn all of the award for which you are eligible. After arriving on campus, those who have been approved for and have not obtained work should contact the Cooperative Education office for assistance in locating an assignment. Students are paid minimum wage on the College Work-Study Program and are switched to the Harding program when Work-Study funds are expended. The Harding program rate of pay is 85 percent of minimum wage.



## VETERANS PROGRAMS

Veterans must be certified for eligibility by your local VA offices and must contact the appropriate representative in the Office of Student Financial Services. Veterans of the post-Viet Nam period must have made contributions into the educational program (Montgomery and New GI Bill) in order to receive benefits. An educational program is also available to certain members of the Reserves and National Guard. Widows and children of eligible veterans should contact the Office of Veterans Affairs to apply for assistance through educational benefits.

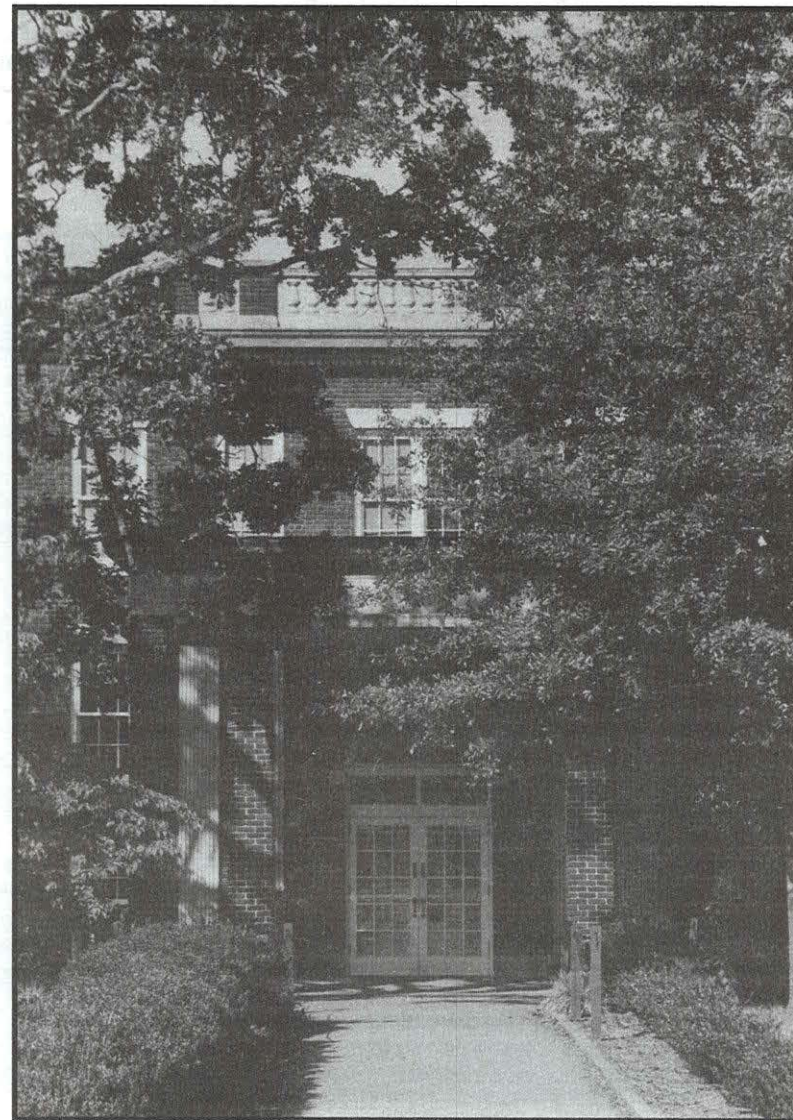
Disabled veterans entering under Public Law 16 should apply to your state Veterans Administration headquarters for counseling and approval, and then contact the Office of Student Financial Services.

In compliance with the Veterans Administration's minimum standards of progress, if you receive VA assistance, are placed on academic probation, and do not remove this probation within one semester, you will be suspended from receiving VA education benefits for the following semester.

## VOCATIONAL REHABILITATION

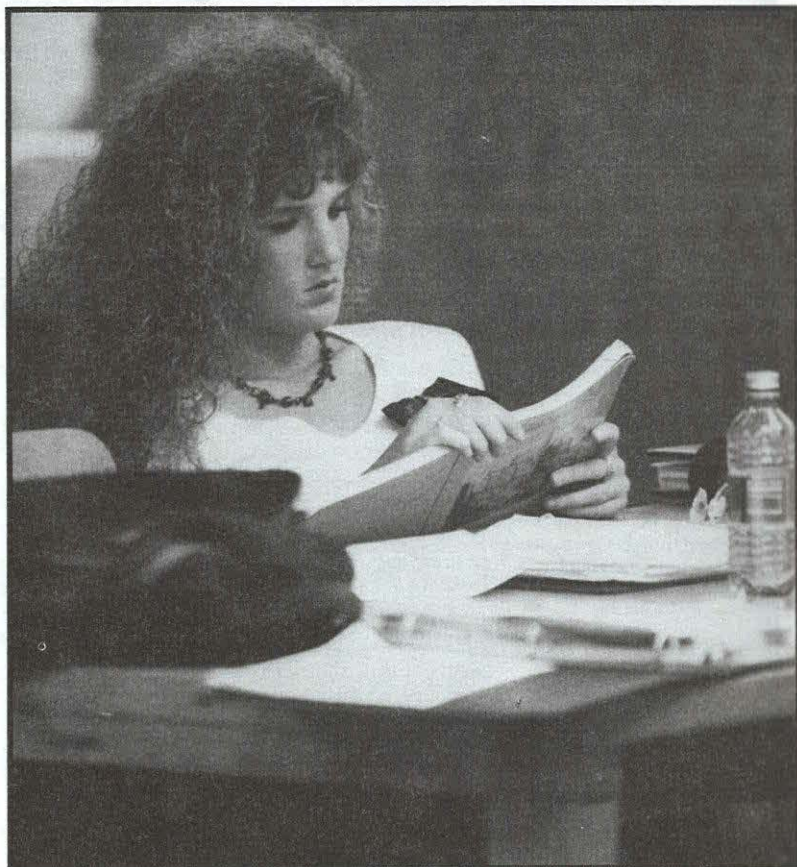
If you are permanently disabled, you may receive free vocational counseling and financial assistance toward the cost of your college education, provided that your vocational objective is approved by a rehabilitation counselor. Apply directly to the vocational rehabilitation counseling service of your state Department of Education and at the same time notify the Office of Student Financial Services at Harding so that assistance may be given if necessary.

## ACADEMIC PROGRAMS





Interdepartmental programs transcend departmental boundaries. These eight programs—ADVANCE, Cooperative Education, the General Education Program, the General Studies major, the Honors Program, the Humanities major, International Programs, and Student Support Services—vary greatly in size and scope. One—the General Education Program—is required of all students. The others are more specific in nature. All play an important role in supporting traditional academic programs.



**PROFESSORS:**

Gene Dugger, M.S. (Mathematics)  
Ken Hammes, Ph.D. (English)

**ASSOCIATE PROFESSOR:**

Eddie Campbell, M.A.T. (Psychology)

**ASSISTANT PROFESSOR:**

Dee Bost, Ed.D. (Psychology)

**INSTRUCTOR:**

Carolyn Priest, M.Ed. (Reading)

**LECTURER:**

Curt Baker, M.Ed. (Psychology)

The mission of ADVANCE is to help students become active, independent learners who possess a repertoire of effective self-assessment, goal setting, and learning strategies that can be employed across the curriculum. The program is designed for students who enter Harding with ACT composites of 18 and below, or O-SAT combined verbal-math scores of 770 and below, or R-SAT scores of 890 and below. These students are then further tested and advised by program staff.

The ADVANCE curriculum consists of five courses and labs designed as leveling work for General Education courses. ADVANCE courses carry college credit and count toward degree requirements only when they can be used as free electives. A grade of "C" is required to pass each course.

**ENG 100. BASIC ENGLISH.** (3) Fall, Spring.

Grammar and basic composition skills.

**MATH 100. BEGINNING ALGEBRA.** (3) Fall, Spring.

Basic arithmetic; introduction to elementary algebra.

**PSY 100. STUDY SKILLS AND PERSONAL DEVELOPMENT.** (3) Fall, Spring.

Instruction and practice in effective study habits and attitudes; availability and use of university resources; exploration of personal values and goals.

**RDNG 110/112(LAB). COLLEGE READING.** (2) Fall, Spring.

Mastering basic skills in reading, including reading efficiency and flexibility, reading selectively, increasing comprehension, developing vocabulary, interpreting and evaluating reading material.

**RDNG 111/113(LAB). CRITICAL READING AND REASONING.** (2) Fall, Spring.

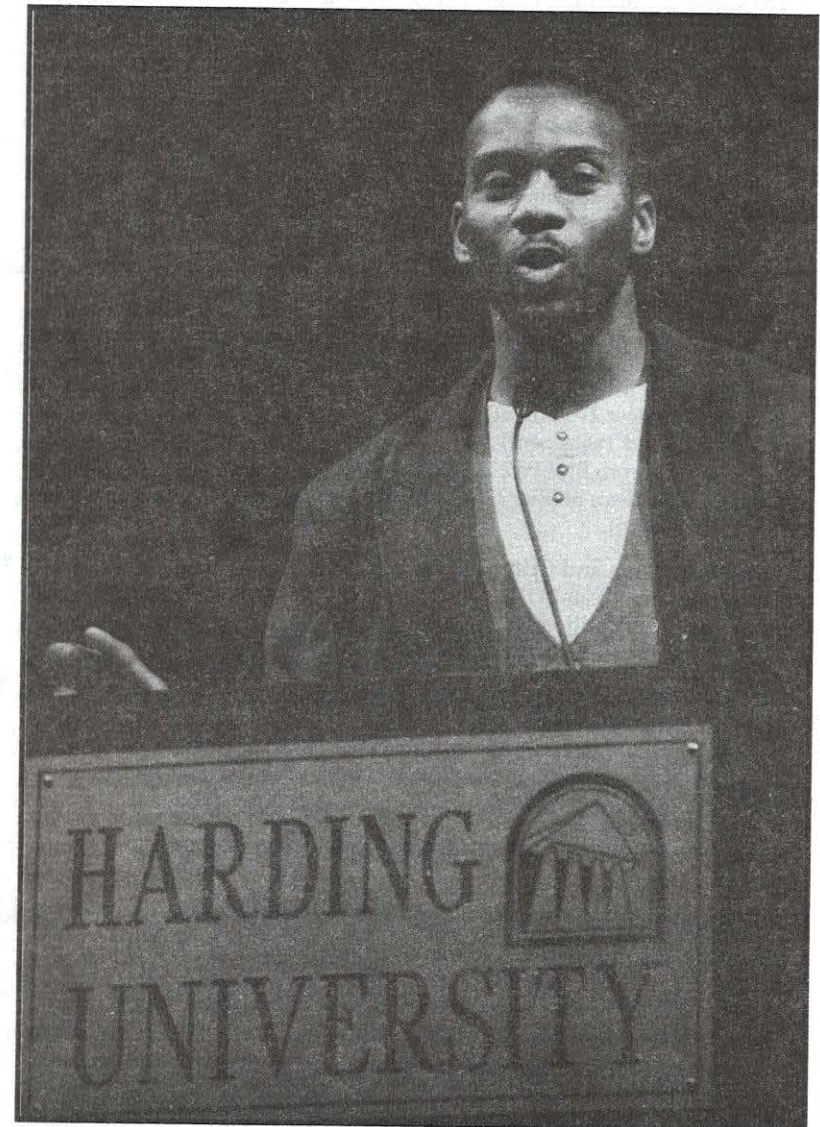
Designed for students reading at near college level. Advanced practice and instruction in reading rate, vocabulary, comprehension, critical analysis, and study reading.



Students desiring on-the-job experience while helping finance their education should investigate cooperative education. You may pursue an alternating plan of full-time work and full-time classes; a parallel plan of half-time work and part-time classes; a one-semester internship; or a summer program. A maximum of 4 hours of elective credit in cooperative education is 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 is accepted in transfer if at least 2 hours were earned after the sophomore year.

**367/567. COOPERATIVE EDUCATION. (1-6)** Offered on demand.

A program whereby formal classroom theory is applied to practical, career-related work experience. The Cooperative Education staff and a faculty member designated by the department chairman supervise the work experience. Both written and oral reports are required. The department chairman may accept a maximum of 6 hours of credit to substitute for required or elective courses in the major. Prerequisite: sophomore standing, 2.0 GPA, and joint approval of the department chairman and the director of cooperative education.





## GENERAL EDUCATION PROGRAM

The General Education Program is a 54-hour core of basic courses required of all students. The program reflects the principles contained in the University mission statement and provides a foundation for study in major and minor fields.

The mission of the General Education Program is to:

1. Give all students a basic understanding of specific content areas;
2. Develop essential and fundamental skills;
3. Develop a Christian world view that brings a spiritual perspective to every academic discipline;
4. Nurture both a readiness for learning and an ethical consciousness that will sustain students for living in a world of complexity and change.

The following are the General Education Program course requirements:

**Spiritual and Moral Values:**

BNEW 112 (New Testament)	2	8
BOLD 101 (Old Testament)	2	
Two courses from BNEW 211 (Life of Christ); BNEW 213 (Acts of Apostles); BNEW 215 (Christian Ethics); BRED (Christian Home).	4	

**Communication and Critical Thinking**

ENG 111 (Composition I) <sup>1</sup>	3	9
ENG 211 (Composition II)	3	
COMO 101 (Speech Communication)	3	

**The Individual and the Social Environment**

PSY 201 (General Psychology) <sup>2</sup>	3	9
Social Science—one course from ECON 201 (Macroeconomics); POLS 205 (American National Government); SOC 203 (General Sociology). <sup>3</sup>	3	

1. Entering freshmen with ACT English subscores of 18 and below (O-SAT verbal of 360 and below; R-SAT verbal of 440 and below) must pass ENG 100 as leveling work before enrolling in ENG 111.
2. Students certifying to teach must take EDFD 203 in place of PSY 201.
3. Students certifying to teach must take POLS 205 and 3 additional hours of Social Science (anthropology, geography, history, political science, social science, sociology) beyond General Education requirements. Elementary and special education majors must take GEOG 302 or 303. Secondary majors should choose from ANTH 250, GEOG 302 or 303, POLS 202, and SOCS 301, all of which satisfy both global literacy and social science requirements.

KINS 101 (Wellness) and two additional 1-hour kinesiology recreation activity courses.<sup>4</sup> 3

**The Natural World**

BIOL 111 (General Biology), BIOL 113 (Human Structure and Function), or any biology course. <sup>5</sup>	3	9
MATH 200 (Statistics) or any mathematics course numbered 151 or higher. <sup>6</sup>	3	
Physical Science—one course from PH S 111 (Earth Science); 112 (Geology); 113 (Astronomy and Space Science); 115 (Energy, Pollution, and Society); 116 (Physical Science). <sup>7</sup>	3	

**The Creative Spirit**

ART 101 (Art Appreciation)	2	7
MUS 101 (Music Appreciation)	2	
ENG 201 or 202 (Literature of the Western World)	3	

**The Historical Perspective**

HIST 101 or 102 (American History)	3	6
HIST 110 or 111 (Western Civilization)	3	

**Global Literacy**

Select from: any modern foreign language courses; <sup>8</sup> ANTH 250; BIOL 250; BMIS 386, 387, 388; <sup>9</sup> GEOG 302 or 303; HNRS 204 and 205; INST 201 (HUF only; 1-2 hours) and 310; NURS 344 and 413; POLS 202; SOCS 301.		6
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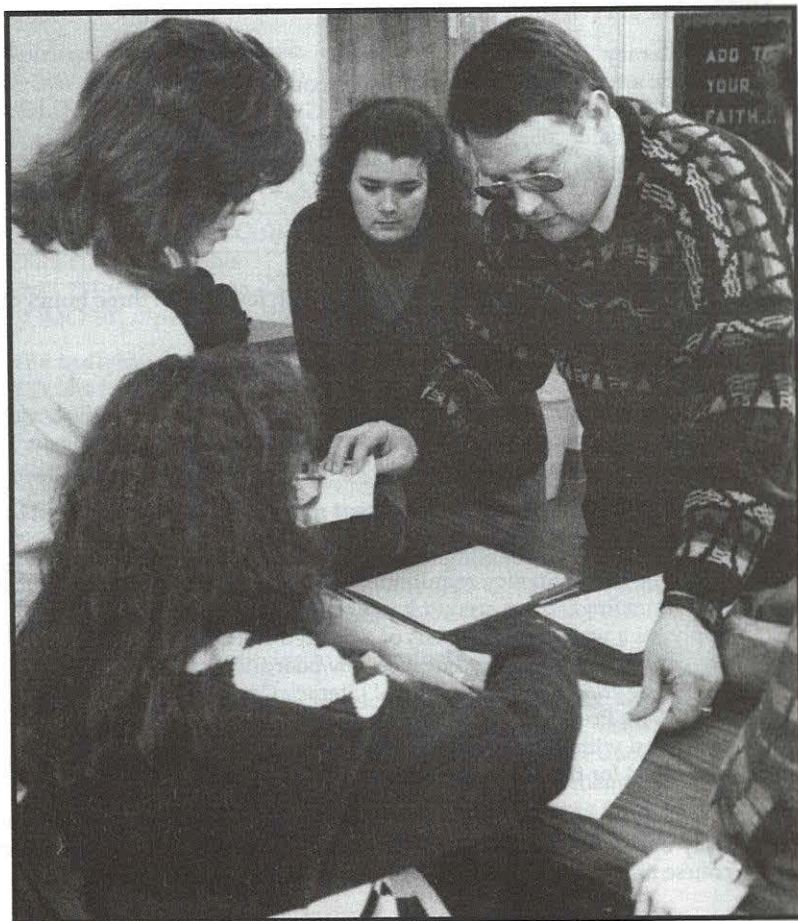
4. Students who transfer to Harding with fewer than three hours of kinesiology activity must take KINS 101.
5. Kinesiology and nursing majors must take BIOL 113.
6. Students certifying to teach must earn credit in math. Others may satisfy the General Education requirement in math by achieving an ACT math score of 27 (O-SAT of 580; R-SAT of 590).
7. The physical science requirement may be satisfied by CHEM 114 or 121 or PHYS 201 or 211.
8. The global literacy requirement is waived for international students for whom English is a second language. Other students who wish to apply for a waiver on the basis of extended residence abroad may have their case considered by a review board. Appeals for waiver should be addressed to the Global Literacy Committee via the Office of the Vice President for Academic Affairs. Appeals should be presented with documentation (for example, report cards, yearbooks, and visas) for the years abroad.
9. Only one of ANTH 250 and BMIS 386 may count for global literacy. Only one of BMIS 386 and 388 may count for global literacy. Only one course may count for both Bible and global literacy.



A.A. or A.S. degree graduates of junior and community colleges must meet Harding's General Education requirements by completing the following broad-area curriculum: Bible (textual)—8 hours; speech—3 hours; art or music appreciation—2 hours; natural science—6 hours; mathematics—3 hours; social science (must include six hours of American and/or world history)—12 hours; kinesiology activity—3 hours.

Again, this plan applies only to graduates of junior and community colleges. Further, students who qualify for this plan and who are certifying to teach must still meet all Arkansas certification requirements.

Non-graduates of junior and community colleges must meet Harding's typical General Education requirements. However, upper-level courses may be substituted for lower-level ones.



## GENERAL STUDIES MAJOR

The colleges and schools of Harding University cooperate to offer an interdepartmental bachelor of arts degree in general studies. This degree is intended for students who need a creative plan of study which serves their professional aspirations better than established traditional majors. Students interested in this major should contact the registrar's office.

Graduation requirements include 128 hours with an overall GPA of 2.0, a 2.0 in the primary thematic concentration area (minimum 30 hours), and a 2.0 in the secondary thematic concentration area (minimum 12 hours).

Specific course work within a thematic area is determined in consultation with an appropriate chairman or dean in that area.

General education courses may not be used to meet primary and secondary requirements. Any developmental course obligations are considered to be leveling work.

### BACHELOR OF ARTS DEGREE GENERAL STUDIES MAJOR (GS) 128 TOTAL HOURS

Primary and secondary thematic concentrations may be chosen in the following areas:

**AREA 1 (Arts and Humanities):** Art, Bible, Communication (except Communication Disorders), English, Foreign Languages and International Studies, Geography, Greek, Hebrew, History, Humanities, Missions, Music, Philosophy.

**AREA 2 (Natural Sciences and Mathematics):** Biology, Chemistry, Computer Science, Mathematics, Physical Science, Physics.

**AREA 3 (Behavioral and Social Sciences):** Anthropology, Education, Health and Physical Education (professional courses only), Political Science, Psychology, Social Science, Social Work, Sociology.

**AREA 4 (Business):** Accounting, Business, Computer Applications, Computer Information Systems, Economics, International Business, Management, Marketing, Professional Sales.

**AREA 5 (Applied Sciences):** Communication Disorders, Cooperative Education, Family and Consumer Sciences, Nursing.



**HONORS PROGRAM**  
DIRECTOR: Larry Long, Ph.D.

1995-1996 Harding University Catalog

The Honors Program challenges and stimulates outstanding students to develop their intellectual abilities to the fullest. Harding offers three tiers of honors credits for qualified students: the Honors Scholars Program; the Honors Students Program; and contract courses. Both the Honors Scholars Program and the Honors Students Program offer lower-level honors courses which substitute for general education courses. Beyond this, qualified students can earn upper-level honors credits through contract courses.

The Honors Scholars Program is by invitation only. Students qualify by being named National Merit Finalists or Trustee Scholarship recipients, or by being selected from the pool of applicants scoring 31 or above on the ACT (1280 or above on the O-SAT; 1330 or above on the R-SAT).

The Honors Students Program is open to students who score 27 or above on the ACT (1110 or above on the O-SAT; 1200 or above on the R-SAT). These students are notified by the admissions office of their eligibility. They can pick from among a variety of honors sections of general education courses listed in the class schedule each semester.

Students who complete either of these tiers qualify to take honors contract courses for upper-level credit. Current students and transfer students may also qualify for this tier of honors work.

For more information contact Dr. Larry Long, Director of Honors, Box 898, Harding University, Searcy, AR 72149, or 501/279-4617.

The following courses are the foundation courses for the Honors Scholars Program. All Honors Scholars are required to take HNRS 201, 202, and 2 courses from 203, 204, and 205. Credits earned in these courses apply to the General Education requirements as listed. Note: Some departments count these courses toward the General Education requirements, but do not allow them to meet prerequisites in their majors. You should consult your academic advisor.

**HONORS (HNRS)**

**100. HARDING HONORS SYMPOSIUM. (3) Summer.**

For students who have completed their junior year in high school. Designed to introduce prospective students to the academic programs at Harding. Content varies but generally centers on a specific topic or historical period and explores the subject from diverse viewpoints. A research project is required. May be applied to the Creative Spirit or the Historical Perspective requirements in the general education curriculum. Enrollment in this course does not require admission into the Honors Program, nor does successful completion assure an invitation to the program.

**201. HONORS. (3) Fall.**

Designed to introduce students to the Honors Program, develop skills in critical thinking, and enhance skills in both written and oral communication. May be applied to the ENG 211 or COMO 101 requirement in the general education curriculum. Required of all honors scholars.

**202. HONORS BIBLE: NEW TESTAMENT. (2) Fall.**

A discussion-centered survey of the New Testament; replaces BNEW 112. Required of all honors scholars.

**203. THE HUMAN SITUATION I: THE BIG QUESTIONS. (3) Spring.**

Major questions that humanity has asked since the beginning of time. History, art, music, and literature. Course content varies. May be applied to the general education requirements in the area of The Creative Spirit or The Historical Perspective.

**204. THE HUMAN SITUATION II: SOCIAL SYSTEMS. (3) Fall.**

Issues concerning the interrelationship between individuals and social and political systems and institutions. Course content varies. May be applied to the general education requirements in the area of the Individual and Social Environment (excluding kinesiology) or Global Literacy.

**205. THE HUMAN SITUATION III: THE PHYSICAL WORLD. (3) Spring.**

Issues of nature, physical science, health, technology, ecology, and mathematics. Course content varies. May be applied to the general education requirements in the area of The Natural World or Global Literacy.





## HUMANITIES MAJOR

1995-1996 Harding University Catalog

The College of Arts and Sciences through the cooperation of six of its departments offers a bachelor of arts degree with a humanities major.

This major is designed for students who desire a broad-based curriculum in the liberal arts. With roots in classical Greek and Roman languages and literature, humanities focuses on branches of knowledge concerned with human culture, such as philosophy, literature, and the fine arts, as distinguished from the sciences.

The humanities major provides preparation leading to careers in professions where human values are stressed, such as library science and law. The program provides a menu of courses from diverse disciplines and at the same time promotes more focused study in areas of individual interest.

For more information about this major, consult the chairman of the department in which you are most interested.

### BACHELOR OF ARTS DEGREE HUMANITIES MAJOR (HUM)

#### REQUIREMENTS

#### HOURS

General Education (p. 60):  
You must take ENG 201.

54

#### Major:

51

Six hours from each of the following six departments:

ART: ART 375, 430, 431, 432, 433, 475 (1-3).

COMMUNICATION: COMM 140 (1), 201, 410; COMO 151 (1), 161 (1), 210 (2), 255, 260, 261; COMT 131 (1), 204, 308; 450 (1-3).

ENGLISH: ENG 202 (required), 251, 252, 271, 272, 360, 370, 371, 380, 390, 400, 401, 402, 408, 409, 411, 415, 418, 422, 425, 450 (1-3).

FOREIGN LANGUAGES: Any modern foreign language 101 or higher not used for Global Literacy.

HISTORY: HIST 375, 385, 395, 405, 415, 425; POLS 425, 450 (1-3).

MUSIC: MUS 311, 312, 313, 314, 450 (1-3).

Nine upper-level hours in one of the six departments above;  
HUM 460; BPHL 251.

#### Electives:

17

Eleven hours from the College of Arts and Sciences and 6 hours from any discipline.

#### Remaining Bible:

6

BPHL 251 is counted above in the hours required for the major.

#### TOTAL HOURS

128

### INTERNATIONAL PROGRAMS

DEAN: Don Shackelford, Th.D.

The Harding University International Programs, academic programs based in Florence, Italy (HUF); London, England (HUE); and Athens, Greece (HUG),

provide unique opportunities for study and travel in Europe. No attempt is made to provide a broad general curriculum but rather to offer courses which may be studied with profit in a European setting. Serious involvement in classes combined with the experience of international living furnishes students with insights and perspectives which can be gained in no other way.

Applications are accepted from students of Harding University and other institutions. Only students with a GPA of 2.0 on at least 27 semester hours are considered. Formal acceptance occurs the last full semester prior to the semester chosen for attendance.

Note: No student is eligible to attend HUF, HUE, or HUG who is currently on academic, chapel, or disciplinary probation on the Searcy campus. Any student who has applied and/or been accepted will automatically become ineligible if placed on any type of probation up until time to depart. Such individuals will be placed on a waiting list and may go only if there are openings after probation has been removed. If there are no openings, the application fee will be refunded.

Students interested should contact Dr. Don Shackelford, Dean of International Programs, Harding University, Box 754, Searcy, AR 72149-0001, or 501/279-4528.

**BNEW 313/513. PAUL.** (2 or 3) Offered only in the Harding University European Studies curriculum.

The figure of Paul in the New Testament—apostle, Roman citizen, missionary. Selected passages from Acts of the Apostles and Paul's letters are examined. Background material relating to his apostleship to the Gentiles is examined in Europe and the Middle East. This or another course in Bible is required as part of the European programs.

**BHIS 346/546. BIBLE BACKGROUNDS.** (2 or 3) Offered only in the Harding University European Studies curriculum.

A study in Bible backgrounds utilizing the great museums and libraries of Europe (such as the British Museum, Louvre, and Vatican). Classroom work coupled with research in the biblical collections of European museums and libraries.

**INST 201. EUROPEAN STUDIES.** (1-3) Offered only in the Harding University European Studies curriculum.

Preparation for international experience in living and study in Europe. Enhancement in cultural sensitivity and practical matters of survival in a different cultural setting. Approximately 30 hours of classroom instruction plus hands-on experience in Europe. Research on the host country.

**HUM 260. OUR WESTERN HERITAGE.** (3-5) Offered only in the Harding University European Studies curriculum.

An integration of art, music, history, philosophy, religion, and literature. May substitute for 3 to 5 hours selected from among the following: ART 101, MUS 101, HIST 110 or 111. A department chairman may approve upper-level departmental credit for HUM 260 provided a student gains approval in advance. HUM 260 or 265 or 270 is required, either for credit or audit, as part of the European International Studies programs.



**HUM 265. HISTORY AND PHILOSOPHY OF THE CREATIVE ARTS.** (4-6) 1995-1996 Harding University Catalog only in the Harding University European Studies curriculum.

The history, philosophy, and materials that attend the creative disciplines. May be applied to the general education requirements in the areas of The Creative Spirit (MUS 101, ART 101), The Historical Perspective (HIST 110 or 111), or to the following courses: Art major elective courses; ENG 201 or 202; PHIL 251; HIST 395; and one course from MUS 311, 312, 313 or 314. HUM 265 or 260 or 270 is required, either for credit or audit, as part of the European International Studies programs.

**HUM 270. RENAISSANCE PERSPECTIVES IN LITERATURE AND THE AUDIO AND VISUAL ARTS.** (3-5) Offered only in the Harding University European Studies curriculum.

An interdisciplinary study of specific manifestations of human creativity belonging to the 14th, 15th, and 16th centuries in Italy. HUM 265 may substitute for 3 to 5 hours from the following: ART 101; MUS 101; and HIST 110 or 111. HUM 270 or 265 or 260 is required, either for credit or audit, as part of the European Studies programs.

**ITAL 101-102. ELEMENTARY ITALIAN.** (4, 4) 101 offered Fall, Spring in the Harding University in Florence (Italy) curriculum. 102 offered upon sufficient demand either in the HUF curriculum or during the spring semester on the Searcy campus.

Designed for students with little or no background in Italian. Oral and written communication, 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.

**ITAL 201-202. INTERMEDIATE ITALIAN.** (3, 3) Offered upon demand in the Harding University in Florence (Italy) and/or Searcy 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.

**GRK 171. ELEMENTARY GREEK.** (4) Required of all students in the Harding University in Greece (HUG) curriculum.

Grammar and syntax of the Greek New Testament with emphasis on learning the basic inflections and vocabulary. Some comparison to modern Greek. Five class periods per week.

## **STUDENT SUPPORT SERVICES**

**DIRECTOR:** Linda Thompson, Ed.D.

### **STAFF:**

Harold Alexander, M.S.E., Counselor  
Jenene Alexander, M.S., NCSP, LPC, SPS; Counselor  
Bill Hodges, B.S., Administrative Assistant  
Jennifer Hurd, Ed.D., Communication Skills Coordinator

Student Support Services is a Title IV "TRIO" program funded by the federal government. The Student Support Services (SSS) program at Harding serves 275 students who are admitted to the program if they are American citizens or nationals, interested in the program's services, and meet one or more of the following criteria:

1. First-generation college student. Neither parent has obtained a baccalaureate degree.
2. Low income student. Low income status is based on the family's taxable income and number of dependents for the previous year.
3. Physically or learning disabled student. Upon documentation of the disability, the program admits the student and provides or recommends provision of academic accommodations.

All program services and activities are designed to meet the academic and personal/social needs of eligible students within the higher education environment.

All services are provided free of charge. These include learning labs staffed by student learning specialists who provide tutoring in individual subject areas and training in study skills; counseling provided by certified professional counselors in the areas of career guidance, personal counseling, financial aid counseling, academic counseling, and learning styles diagnosis; testing for learning disabilities; test accommodations for qualified students, including oral testing, extended-time testing, and private testing in a non-distracting environment; and academic advising.

SSS students are also offered free attendance at cultural events such as the opera in Memphis and the dinner theater in Little Rock. Additional activities include the Ropes Course and an annual Leadership Training Retreat.



## PREPROFESSIONAL PROGRAMS

Harding offers preprofessional curricula in 12 academic areas, largely through the College of Arts and Sciences. While a baccalaureate degree is offered specifically in only one of these areas (medical technology), you are encouraged to earn a degree in the area of your interest whenever possible. Having a degree enhances your chances of being admitted to a professional school.

Majors involving business, dietetics, mathematics, the natural sciences, nursing, psychology, and vocational family and consumer sciences assume that you have adequate high school preparation in mathematics—at least a year and a half of algebra and a year of plane geometry. If you are deficient in mathematics, you must take MATH 105 before taking 151 or 152. If you have a good background in high school mathematics, you should take MATH 171 or 201 (MATH 210 for those in business) in lieu of 151, 152.

You should obtain a current catalog of the professional school you plan to attend and, together with your advisor, devise a program of study which will maximize your experience at Harding and prepare you for admission to your chosen professional school.

### PREAGRICULTURE

ADVISOR: John W. Moon, Jr., Ph.D.

Students planning agriculture as a profession may take one year or in certain cases two years of preagriculture training at Harding. The following is a suggested program of study.

First Year	Semester Hours	Second Year	Semester Hours
BIOL 121,122 .....	8	BIOL 271, 313 .....	7
CHEM 121,122 .....	8	CHEM 271 or 301 .....	4
ENG 111; 201 or 202 .....	6	ENG 211 .....	3
HIST 101 or 102 .....	3	COMO 101 .....	3
KINS 101 .....	1	Electives* .....	9
BNEW 112, BOLD 101 .....	4	BNEW 211, 213, 215, BRED 234 (any 2) .....	4
<b>Total .....</b>	<b>30</b>	<b>Total .....</b>	<b>30</b>

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

### PREARCHITECTURE

ADVISOR: Don Robinson, M.A.

Architectural schools require a minimum of four years in residence. 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. For students who prefer two years at Harding, the following program is recommended. If only one year can be taken at Harding, your advisor can 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 102 or 103, 104 .....	6	COAP 101, ECON 201 .....	6
ART 221 .....	3	HIST 101 or 102, 110 or 111 .....	6

ENG 111; 201 or 202 .....	6	MATH 251, 301 .....	8
MATH 171, 201 .....	10	PHYS 211, 212 .....	8
KINS 101 .....	1	BNEW 211, 213, 215, BRED 234 (any 2) .....	4
BNEW 112, BOLD 101 .....	4		
ART 101 .....	2		
<b>Total .....</b>	<b>32</b>	<b>Total .....</b>	<b>32</b>

### PREDENTISTRY

ADVISOR: Ronald Doran, M.S.

Three years of college work with a GPA of 3.2 are required for entrance to most schools of dentistry. However, preference is given to those who have a bachelor's degree. You may elect any major, but your program of study should include the following: 9 hours of English, 8 hours of inorganic chemistry, 8 hours of organic chemistry, 8 hours of physics, and 8-16 hours of biology. Other courses that are highly recommended include psychology, sociology, business management, foreign language, and any course that improves manual dexterity and hand/eye coordination (such as drawing, sculpture, ceramics). The Dental Aptitude Test is required; it is advisable to finish the listed science courses before taking the test.

If you wish to apply to a dental school after three years, you should follow the curriculum outlined below. 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 dentistry and who satisfy the other requirements for graduation.

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
BIOL OR CHEM 121, 122 .....	4, 4	BIOL or CHEM 121, 122 .....	4, 4
ENG 111; 201 or 202 .....	3, 3	ECON 201, SOC 203** or POLS 205 .....	0, 3
HIST 101 or 102; 110 or 111 .....	3, 3	ENG 211; COMO 101 .....	3, 3
MATH 151, 152* .....	4, 2	KINS 101, KINS activity .....	1, 1
BNEW 112, BOLD 101 .....	2, 2	PSY 201 .....	3, 0
ART or MUS 101 .....	0, 2	BNEW 211, 213, 215, BRED 234 (any 2) .....	2, 2
		Global Literacy .....	3, 3
<b>Total .....</b>	<b>16, 16</b>	<b>Total .....</b>	<b>16, 16</b>

Third Year	Sem. Hrs. (Fall, Spring)
BIOL 259; BIOL 261 or 271 .....	4, 4
CHEM 301, 302 .....	4, 4
ART 101 or MUS 101 .....	2, 0
PHYS 201, 202 .....	4, 4
Bible .....	2, 2
BIOL 440 or CHEM 310 .....	0, 0
KINS activity .....	1
<b>Total .....</b>	<b>16, 15</b>

\* Students with a strong mathematics background should take 171 or 201. Calculus is strongly recommended.

\*\* Strongly recommended.



**PREENGINEERING**

ADVISOR: William W. Ryan, Ph.D.

The preengineering curriculum at Harding consists of a basic two-year program closely paralleling the first two years at any engineering school. This curriculum consists of mathematics courses through Calculus III, an introduction to computer programming, a year of chemistry and calculus-based physics, and the typical courses in English composition and literature. Drafting courses are also available for fields of engineering which require such courses.

Although Harding cannot offer some of the specialized engineering courses you might take in your first two years at an engineering school, this is partially offset by taking courses that would normally be junior or senior electives at an engineering school. These courses might include macro and micro economics, American history, or civil government, depending upon the individual school. You should be aware that the typical engineering degree, whether taken at one school or as a transfer student from another school, is increasingly becoming a five-year degree.

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

First Year	Sem. Hrs. (Fall, Spring)	Second Year*	Sem. Hrs. (Fall, Spring)
CHEM 121, 122 .....	4, 4	PHYS 211, 212 .....	4, 4
MATH 171, 201 .....	5, 5	MATH 251, 301 .....	5, 3
ENG 111, HIST 101 or 102** .....	3, 3	HIST 110 or 111, COMP 150*** .....	3, 4
KINS 101, MUSIC 101 or ART 101 .....	2, 2	Social Science or English Electives****3, 3	
BNEW 112, BOLD 101 .....	2, 2	KINS activity .....	0, 1
		BNEW 211, 213, 215, BRED 234 (any 2)2, 2	
<b>Total .....</b>	<b>16, 16</b>	<b>Total .....</b>	<b>17, 17</b>

\* Technical drawing courses (ART 205, 222) are available if your engineering curriculum requires them. These may be substituted for some of the history or social science electives.

\*\* Some engineering schools require a full year of English composition. ENG 211 would then be substituted for the social science course in the second year.

\*\*\* COMP 150 is the introductory computer course available for those with little or no computer experience.

\*\*\*\* Three hours from ECON 201, POLS 205 and SOC 203 and three hours of ENG 201 or 202 are required for a degree from Harding. These are strongly recommended unless the requirements of a particular engineering school indicate otherwise. Several engineering programs require a nine-hour sequence in a single area with one course at the 300 level or above.

**PRELAW**

ADVISOR: Tom Howard, Ed.D.

A strong liberal arts education, which is considered by law schools to be the best prelegal preparation, provides a stable foundation for future law school success. Harding University offers such preparation through its preprofessional program in law. Because law schools generally do not require specific undergraduate majors, you can major in any undergraduate field you desire. Harding graduates with degrees ranging from business to foreign languages

have been admitted to law school. However, future benefits can be gained by concentrating studies in such areas as history, political science, public administration, social science, psychology, and sociology. Courses for majors in these departments require a higher degree of written work and group discussion, thus preparing students for the nature of law school courses. Students, upon entry into a law school, must have mastered expression, comprehension, and 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.

Harding's challenging, Christian liberal arts curriculum, along with the extensive number of undergraduate law classes and other unique opportunities that pre-law students enjoy, entwine to provide a solid background to students desiring careers in law.

**PRELIBRARY SCIENCE**

ADVISOR: Suzanne Spurrier, M.L.S.

The master's degree in library/information science is considered the entry-level degree for the profession. Consequently, Harding University does not offer an undergraduate degree in librarianship, but recommends the following plan to students contemplating such a career.

1. Develop a broad background in the liberal arts by electing courses in humanities, natural sciences, and social sciences.
2. Choose a major of particular interest. Libraries search for professionals with a wide range of subject specialties.
3. Arrange a counseling appointment with the library director to discuss undergraduate course options, library experience opportunities, and accredited graduate schools.
4. If school librarianship is your goal, take the professional education courses required for certification by the state in which you plan to work.

**PREMEDICAL TECHNOLOGY**

ADVISOR: Carroll W. Smith, Ph.D.

The Departments of Biology, Mathematics, and Physical Science cooperate to offer the basic science requirements to qualify students for an affiliated and approved hospital school of medical technology for one year's clinical training. Students who complete the three-year program outlined below, subsequently complete the clinical program of work in an approved hospital school of medical technology, have a transcript of the completed clinical program sent to the registrar, and complete the other cataloged requirements for graduation become candidates for the bachelor of science in medical technology degree. The equivalent of 35 semester hours of upper-level credit is granted for the successfully completed clinical program.

Students have the responsibility of making application and gaining admission to an approved clinical program, although Harding will provide counsel and assistance. Currently, Harding has affiliation with the following hospitals: Arkansas Baptist Medical Center, Little Rock, AR 72205; Program Director: Gina Messersmith, BS, MT (ASCP); and St. Vincent Infirmary, Little Rock, AR 72201; Educational Coordinator: Pam Keller, BSMT (ASCP).



Students interested in pursuing the clinical year in a hospital other than one of the programs with which Harding is affiliated should inform both the Harding Medical Technology Advisor and the program director of the hospital as early as possible.

Since admission to the clinical year is highly competitive, it is recommended that you achieve well above a 3.0 GPA on the 93 hours of preclinical courses outlined below. 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 2.0 GPA. Students planning to pursue the B.S.M.T. degree should obtain a written statement of approval from Harding's Vice President for Academic Affairs prior to beginning the professional program in an affiliated hospital. If the cooperating institution confers the baccalaureate, Harding will not confer a second one.

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
CHEM 121, 122 .....	4, 4	BIOL 259, 271 .....	4, 4
ENG 111; 201 or 202 .....	3, 3	CHEM elective*, PSY 201 .....	4, 3
HIST 101 or 102; 110 or 111 .....	3, 3	Global Literacy**, ENG 211 .....	3, 3
MATH 151 or 152, COMO 101 ...	4, 3	ART 101, MUS 101 .....	2, 2
KINS 101 .....	0, 1	KINS activity .....	1, 1
BNEW 112, BOLD 101 .....	2, 2	BNEW 211, 213, 215, BRED 234 (any 2)	2, 2
<b>Total .....</b>	<b>16, 16</b>	<b>Total .....</b>	<b>16, 15</b>

Third Year	Sem. Hrs. (Fall, Spring)
BIOL 275, 311, 315, 420, 421 .....	4, 4
CHEM elective*, Global Literacy**	4, 3
Electives from CHEM, BIOL, COMP, and PHYS*** .....	4, 4
ECON 201, SOC 203, or POLS 205	0, 3
Bible .....	2, 2
<b>Total .....</b>	<b>14, 16</b>

\* CHEM 271 or CHEM 301 is required. If CHEM 271 is elected, CHEM 324 is recommended. If CHEM 301 is elected, CHEM 302 is recommended and is required by some medical technology schools. Some medical technology schools require CHEM 261, which is strongly recommended.

\*\* Six hours of Global Literacy as specified in the general education requirements.

\*\*\* Courses strongly recommended: COAP 101, MATH 200, MGT 368, PHYS, additional BIOL from above, and CHEM 325 if CHEM 324 is taken.

### PREMEDICINE

ADVISOR: Carroll W. Smith, Ph.D.

Most schools of medicine require for admission a minimum of three years of college work with a GPA well above 3.0 and relatively high scores on the Medical College Admissions Test (MCAT); however, preference is given to those who have a bachelor's degree. Students who wish to complete a baccalaureate degree before transferring to medical school may elect any major. However, it should be remembered that the Medical College Admissions Test

is based on a total science emphasis, and your program of study should be planned accordingly. For this reason most premedical students major in biology, biochemistry, or chemistry. Still, other majors are encouraged. 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.

Even though you may choose any major, the following courses must be included in your academic plans for the first three years. These courses are necessary to prepare you for the Medical College Admissions Test, which should be taken in the spring semester of your junior year. In addition, most medical schools require many, if not all, of these courses as prerequisites.

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
BIOL 121 .....	4, 0	CHEM 301, 302 .....	4, 4
CHEM 121, 122* .....	4, 4	PHYS 201, 202** .....	4, 4
MATH 171, 201* .....	5, 5		
<b>Third Year</b>			
BIOL 259 .....	4, 0		
CHEM 324 .....	0, 3		

\* Students inadequately prepared for MATH 171 or CHEM 121 must first take leveling courses.

\*\* Chemistry majors must take PHYS 211-212.

### PREOPTOMETRY

ADVISOR: Bill W. Oldham, Ed.D.

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

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
CHEM 121, 122 .....	4, 4	BIOL 121, 259 .....	4, 4
ENG 111; 201 or 202 .....	3, 3	ENG 211, 251 .....	3, 3
HIST 101 or 102; 110 or 111 .....	3, 3	PHYS 201, 202 .....	4, 4
MATH 151, 152* .....	4, 2	PSY 201, BIOL 271 .....	3, 4
KINS 101 .....	0, 1	BNEW 211, 213, 215, BRED 234 (any 2)	2, 2
BNEW 112, BOLD 101 .....	2, 2		
<b>Total .....</b>	<b>16, 15</b>	<b>Total .....</b>	<b>16, 17</b>

MATH 200 and 201; CHEM 301 and 302; BIOL 275; COMO 101 are required by most schools of optometry.

\* Students inadequately prepared for MATH 151 or CHEM 121 must take leveling courses.

### PREPHARMACY

ADVISOR: David Cole, Ph.D.

Most pharmacy schools are moving toward offering only a doctor of pharmacy (Pharm.D.) degree, a four-year program of study following two years of a prepharmacy curriculum. Because of the heavy science load in this curriculum, many students add an additional summer or spend three years at Harding



before entering pharmacy school. The Pharmacy College Admissions Test (PCAT) must be taken prior to March 1 for admission to pharmacy school the following fall. The following outline meets the entrance requirements of the College of Pharmacy at the University of Arkansas for Medical Sciences.

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
BIOL 121.....	0, 4	CHEM 301, 302.....	4, 4
CHEM 121, 122* .....	4, 4	PHYS 201, 202 .....	4, 4
MATH 151, 152* .....	4, 2	ACCT 205; ECON 201 or 202.....	3, 3
ENG 111, HIST 101 .....	3, 3	BIOL 259 .....	0, 4
BNEW 112, BOLD 101 .....	2, 2	ENG 211 .....	3, 0
Electives**.....	3, 3	BNEW 211, 213, 215, BRED 234 (any 2) 2, 2	
<b>Total .....</b>	<b>16, 18</b>	<b>Total .....</b>	<b>16, 17</b>

\* Students inadequately prepared for MATH 151 or CHEM 121 must take leveling courses.

\*\* Electives must be in humanities or liberal arts.

### PREPHYSICAL THERAPY ADVISOR: Deborah Mueller, Ph.D.

Entrance to physical therapy schools is very competitive. A bachelor's degree is recommended. Many schools of physical therapy do accept students with three years of college work which fulfills that school's prerequisites. You should maintain a 3.5 GPA. Some schools require the Allied Health Professions Admissions Test (AHPAT). Observing or aiding a licensed physical therapist is also required by most physical therapy schools.

You should obtain admissions requirements to the school of physical therapy you plan to attend and arrange your curriculum accordingly. A free booklet listing all of the schools of physical therapy in the United States may be obtained by writing the American Physical Therapy Association, 1111 N. Fairfax Street, Alexandria, Virginia 22314. The booklet, *Careers in Physical Therapy*, is updated annually.

Although Harding recommends a bachelor's degree, below is a suggested three-year program of study which may be used as a guideline for planning coursework.

First Year	Sem. Hrs. (Fall, Spring)	Second Year	Sem. Hrs. (Fall, Spring)
CHEM 121, 122 or 114, 115 .....	4, 4	PHYS 201, 202*.....	4, 4
BIOL 121.....	4, 0	BIOL 113 or 259 .....	0, 3-4
ENG 111 .....	0, 3	PSY 201, 382 .....	3, 3
MATH 151 or 171*, 152 .....	4-5, 2	MATH 200; COMP 101.....	3, 3
ART 101 .....	2, 0	BNEW 211, 213, 215, BRED 234 (any 2) 2, 2	
MUS 101 .....	0, 2	Social Science .....	3, 0
BNEW 112, BOLD 101 .....	2, 2	KINS activity .....	1, 1
SPEECH .....	0, 3		
KINS 101.....	0, 1		
<b>Total .....</b>	<b>16-17, 17</b>	<b>Total .....</b>	<b>16, 16-17</b>

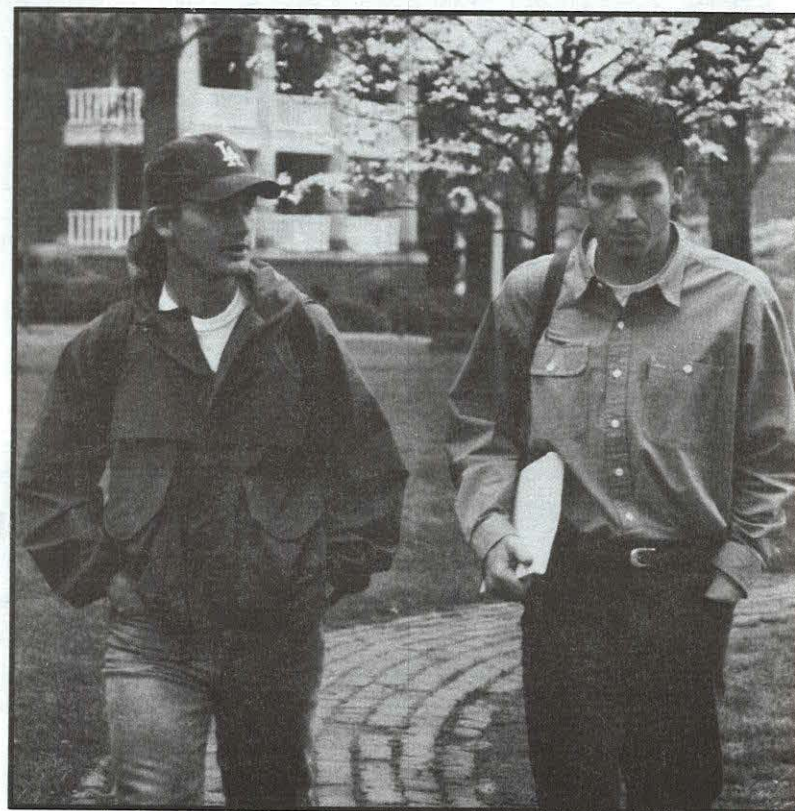
### Third Year Sem. Hrs. (Fall, Spring)

BIOL 275, 280.....	4, 4
ENG 201 or 202, 211 .....	3, 3
Global Literacy .....	3-4, 3-4
Electives .....	4, 4
Bible Electives .....	2, 2
<b>Total .....</b>	<b>16-17, 16-17</b>

\* Qualified students may elect to take MATH 171 or 201 and/or PHYS 211, 212.

### PREVETERINARY MEDICINE ADVISOR: Mike Plummer, Ph.D.

This program is essentially the same as that outlined for medicine. Veterinary schools usually require scores on the Veterinary Aptitude Test (VAT), the Medical College Admissions Test (MCAT), or the Graduate Record Exam (GRE) as part of the application. Residents of Arkansas should register with the Coordinator for Veterinary Medicine Education, Animal Sciences 103E, University of Arkansas, Fayetteville, Arkansas 72701.





## COLLEGE OF ARTS AND SCIENCES

DEAN: Dean B. Priest, Ph.D.

The College of Arts and Sciences comprises 13 academic departments — Art, Behavioral Sciences, Biology, Communication, Computer Science, English Language and Literature, Family and Consumer Sciences, Foreign Languages and International Studies, History and Social Science, Kinesiology, Mathematics, Music, and Physical Science.

The college reflects the University's commitment to the liberal arts and sciences through its involvement in interdepartmental and preprofessional programs and the General Education Program required of all students.



## DEPARTMENT OF ART

CHAIRMAN: Don Robinson, M.A.

### PROFESSORS:

Faye Brewer Doran, Ed.D.  
Paul Martin Pitt, M.A., M.F.A.  
Don Robinson, M.A.

### ASSOCIATE PROFESSOR:

John E. Keller, Ph.D.

### ASSISTANT PROFESSOR:

Daniel Adams, M.A., M.F.A.

### INSTRUCTOR:

Stephen B. Choate, M.A., M.F.A.

### LECTURER:

Beverly Austin, M.A.

The mission of the Department of Art is to:

1. Enrich the artistic understanding of all students;
2. Develop competent artists, designers, and teachers of art;
3. Supply the art training required by various disciplines.

The purpose and principles of God's creation are stressed as a design norm and the Christian ethic is promoted as a model for living. Many courses requiring no special ability are open to all students and are recommended electives.

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.

**General Requirements:** After completing 15 hours of core requirements, all majors must present to the art faculty for review a portfolio of 15 or more examples of their best work. This normally occurs at the end of the sophomore year.

**Art Core Requirements:** The following 31-hour core of art courses is required of all art majors except interior design: 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, 340, 400; 260, 375, 6 hours of art history, and 450.

**Interior Design Core Requirements:** The following 37-hour core is required of all interior design majors: ART 102, 117, 245, 260, 370, 372, 373, 470, and FCS 203, 260, 405, 406, 407.

**Teacher Certification:** The bachelor of arts and the bachelor of science degrees with teacher certification are available. The bachelor of science degree is recommended.



**BACHELOR OF ARTS DEGREE  
ART MAJOR (ART)  
(Non Teacher Certification)**

REQUIREMENTS	HOURS
General Education (p. 60):	54
Major: ART 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, 340, 400; 260, 375; 6 hours from 430, 431, 432, 433; 450; 6 hours of art electives.	37
Minor:	18
Electives:	11
Remaining Bible:	8
<b>TOTAL HOURS</b>	<b>128</b>

**BACHELOR OF ARTS DEGREE  
ART MAJOR (ARED)  
(Teacher Certification)**

REQUIREMENTS	HOURS
General Education (p. 60):	54
Major: ART 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, 340, 400; 260, 375; 6 hours from 430, 431, 432, 433; 450; 6 hours of art electives.	37
Minor:	18
Certification: EDFD 201, 203, 307, 309, 320; SEED 308, 417, 420, 461, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).	32
Remaining Bible: Bible is not required during the supervised teaching semester.	6
<b>TOTAL HOURS</b>	<b>147</b>

**BACHELOR OF SCIENCE DEGREE  
ART MAJOR (ART)  
(Non Teacher Certification)**

REQUIREMENTS	HOURS
General Education (p. 60):	54
Major: ART 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, 340, 400; 260, 375; 6 hours from 430, 431, 432, 433; 450; 19 hours of art electives, including 11 upper-level hours.	50

**Electives:**

16

**Remaining Bible:**

8

**TOTAL HOURS**

128

**BACHELOR OF SCIENCE DEGREE  
ART MAJOR (ARED)  
(Teacher Certification)**

REQUIREMENTS	HOURS
General Education (p. 60): EDFD 203, required in place of PSY 201, is counted below in the hours required for certification.	51
You must take POLS 205.	
One course from ANTH 250, GEOG 202 or 203, POLS 202, SOCS 301 satisfies both Global Literacy and the 3-hour additional social science requirement for certification.	
Major: ART 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, 340, 400; 260, 375; 6 hours from 430, 431, 432, 433; 450; 19 hours of art electives, including 11 upper-level hours. Also recommended are 3 additional hours of art history and courses in ceramics, watercolor, printmaking, and sculpture.	50
Certification: EDFD 201, 203, 307, 309, 320; SEED 308, 417, 420, 461, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).	32
Remaining Bible: Bible is not required during the supervised teaching semester.	6
<b>TOTAL HOURS</b>	<b>139</b>
Art as a Second Teaching Field: Certification in art requires 24 hours in art, including ART 211, 3 hours of art history or ART 375, and 18 hours of studio courses.	
Minor in Art: 18 hours of art, including 6 upper-level hours.	

**BACHELOR OF SCIENCE DEGREE  
ART THERAPY MAJOR (ARTT)**

REQUIREMENTS	HOURS
General Education (p. 60): You must take PSY 201.	54
Major: ART 103, 104, 105, 200, 201, 211, 260, 375; 3 hours from 205, 235, 312, 340, 400; 6 hours from 430, 431, 432, 433; 450; 3 hours of art electives; PSY 240, 325, 380, 382, 385, 412.	55



**Electives:****Remaining Bible:****Additional Consideration:**

A master's degree in art therapy is required to practice as an art therapist.

**TOTAL HOURS**8  
128

**BACHELOR OF SCIENCE DEGREE  
INTERIOR DESIGN MAJOR (IDA)**

**REQUIREMENTS****HOURS****General Education (p. 60):**

54

**Major:**

67

ART 102, 104, 117, 200, 245, 260, 300, 312, 370, 372, 373; 3 hours from 430, 431, 432, 433; 470, 475, and 3 hours of art electives; ACCT 205, FCS 203, 260, 405, 406, 407; 3 hours from MKTG 330, 337, or PR S 336; COMM 220; ART 221 or 360 (221 is recommended).

**Remaining Bible:**

8

**TOTAL HOURS**

129

**Minor in Interior Design:** 18 hours, including 102, 117 or 200, 260, 312 or FCS 203, 370, 372.

**BACHELOR OF FINE ARTS PROGRAM**

**Admission Requirements:** Before being formally admitted to the B.F.A. program, you must

1. Complete 15 hours of core courses with a G.P.A. of 3.0
2. Present a portfolio that shows seriousness of interest and adequate skills at the conclusion of 15 hours of core courses;
3. Submit a completed application form;
4. Receive a letter from the department chairman approving continuation of work toward the B.F.A. degree.

**BACHELOR OF FINE ARTS DEGREE  
GRAPHICS DESIGN MAJOR (GRDE)**

**REQUIREMENTS****HOURS****General Education (p. 60):**

54

**Major:**

75-76

ART 103, 104, 105, 200, 201; 3 hours from 205, 235, 312, or 400; 249, 250, 251, 260, 300, 345, 351, 352, 356, 360, 365, 375, 456; one hour of 475, and 3 hours of art electives; COMM 303 or 322 (3 hours) or COMM 305 (2 hours); MKTG 330.

**Remaining Bible:**

8

**TOTAL HOURS**

137-138

**Minor in Graphic Design:** 18 hours, including ART 103 or 104, 200, 249, 250; 3 hours from 260, 360; 3 hours from COMM 220, 322.

**BACHELOR OF FINE ARTS DEGREE  
THREE DIMENSIONAL DESIGN MAJOR (3DDE)**

**REQUIREMENTS****HOURS****General Education (p. 60):**

54

**Major:**

76

ART 103, 104, 105, 200, 201, 205, 235, 255, 260, 312, 340, 375, 400, 401, 430, 431, 432, 433, 450; 6 hours of ART 475; 12 hours of art electives (ART 360 is highly recommended); COMM 220.

**Remaining Bible:**

8

**TOTAL HOURS**

138

**BACHELOR OF FINE ARTS DEGREE  
PAINTING MAJOR (PTNG)**

**REQUIREMENTS****HOURS****General Education (p. 60):**

54

**Major:**

76

ART 103, 104, 105, 200, 201, 202; 3 hours from 205, 235, 312, 340, 400; 260, 300, 301, 302, 430, 431, 432, 433, 450; 6 hours of ART 475; 18 hours of art electives; COMM 220.

**Remaining Bible:**

8

**TOTAL HOURS**

138

**ART (ART)**

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

A survey of the beauty and worth of artistic creations. The means and ideas promoting human visual expression.

**102. STRUCTURAL DRAWING. (3) Spring.**

Drawing and sketching of interior and exterior architectural structures and components. Linear perspective sketching, constructed rendering techniques, design visualization, and introductory drafting. Recommended for interior design, pre-architecture, and pre-engineering. Six studio hours in class per week.

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

Beginning drawing for those with limited experience. Image formation, rendering techniques, and compositional theory and problems. Six studio hours in class per week.

**104. MULTI-MEDIA DRAWING AND RENDERING. (3) Fall, Spring.**

Drawing in various media. Studio work in drawing and composition problems. Six studio hours in class per week. Some art background is recommended.



**105. HUMAN ANATOMY AND DESIGN.** (3) Spring.

The structure and function of the human figure through a complete study of bones and muscles. Drawing of the human figure with a variety of media. Application of the figure to specific space relationships. Six studio hours in class per week. Prerequisite: 102 or 103 or consent of the instructor. Fee: \$15.50.

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

Principles and elements of art as used in design. Application of color and design in projects, many of which are concerned with architectural styles, house plans, and furnishings.

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

Exploration, through discussion and laboratory application, of basic design principles and sources of design inspiration fundamental to all visual arts. Six studio hours in class per week. Prerequisite: 102 or 103 or consent of instructor.

**201. PAINTING I.** (3) Fall.

Creative experience in oil and acrylic. Six studio hours in class per week. Prerequisites: 102 or 103; and 104 or consent of instructor.

**202. PAINTING II.** (3) Spring.

Creative experiences with oil and acrylic in landscape, portraiture, and other selected subjects. Six studio hours in class per week. Prerequisite: 201 or consent of instructor.

**205. THREE-DIMENSIONAL DESIGN.** (3) Fall.

Exploration of three-dimensional form and space stressing organization of design elements, development of concepts, and manipulation of materials. Mass, volume, space, sequence, time, and the nature of materials are manipulated in studies and creative problems. Six studio hours in class per week. Prerequisite: 117 or 200 or consent of instructor. Fee for materials: \$21.00.

**211. ART IN THE ELEMENTARY SCHOOL.** (3) Fall, Spring.

The language of art and methods of teaching art in the elementary school. Required of all elementary education, child development, and art therapy majors. Four studio hours in class per week. Prerequisites: 101 and Education 203. Fee for materials: \$21.50.

**221. COMPUTER-AIDED DESIGN (CAD).** (3) Fall.

Computer-aided design and drafting utilizing common architectural drawings, including plans and elevations. Emphasis will be on two-dimensional CAD with a brief introduction to three-dimensional CAD. Six studio hours in class per week.

**235/255. CERAMICS I, II.** (3, 3) Fall, Spring.

Techniques involved in working with clay. Class projects using wheel and hand building methods. Several finishing procedures, including glazing and firing. Six studio hours in class per week. 235 is prerequisite to 255. Fee for materials: \$57.50 each.

**240. SPECIAL STUDIES IN ART.** (1-3) Fall, Spring, Summer.

Selected art workshops or classes held in the department or on location, or department-sponsored museum tours. Contact the art department for current agenda. May be repeated for a total of 3 hours of credit by qualified students. Prerequisite: consent of instructor. Fee depends on nature of the study.

**245. INTERIOR DESIGN PRACTICUM.** (1) Fall, Spring, Summer.

Credit may be earned for guided experiences in a design firm, interior design studio, architectural firm, retail store, or community-related business. Requires an approved plan and consent of the instructor.

**249-250. GRAPHIC DESIGN I, II.** (3, 3) Fall, Spring. (249 offered in Fall only)

Beginning problems and exercises in lettering, advertising, layout, design, and techniques. Six studio hours in class per week. 200 and 249 are prerequisites to 250. Fee for materials: \$27.50 for 249; \$11.00 for 250. For 250 and beyond a personal computer is highly recommended.

**251. BASIC TYPE DESIGN.** (2) Fall.

Formation and manipulation of individual letter forms as the basis for typographic communication. Studio work in rendering type by hand and on the computer. Fostering of fundamental knowledge of the aesthetics of type as a visual carrier of meaning. Prerequisite: 103 or consent of the instructor. Fee for materials: \$10.00.

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

A concentrated study of the theory and application of color, both fundamental and advanced. Six studio hours in class per week. Prerequisite: 200 or consent of instructor. Fee for materials: \$9.00.

**300/500. WATERCOLOR.** (3) Fall.

Painting and rendering in water-based media. Six studio hours in class per week. Prerequisite for art majors: 102 or 103, 104, and 117 or 200, or equivalent accepted by instructor.

**301-302/502. ADVANCED PAINTING I, II.** (3, 3) Spring, Fall.

Painting for advanced students seeking to develop individual expression in creative painting and technical mastery of various media. Six studio hours in class per week. Prerequisites: 201-202. Also, 301 is prerequisite to 302.

**312/512. WEAVING.** (3) Spring.

Basic hand weaving 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. Six studio hours in class per week. Fee for materials: \$8.25.

**340. METAL WORK AND JEWELRY.** (3) Fall of odd years.

Basic designing, shaping, and soldering of metals. Lapidary work in cutting and polishing stones, and experience in lost-wax casting. Six studio hours in class per week. Prerequisite: 200, 205, or consent of instructor. Fee for materials: \$66.25.

**345/545. PRINTMAKING I: RELIEF INTAGLIO.** (3) Fall of odd years. Alternates with 365.

Principles and techniques involved in fine arts printing by the relief and intaglio methods. Prerequisite: ART 200 or consent of the instructor. Six studio hours in class per week. Fee for materials: \$62.00.

**351-352. ADVANCED GRAPHIC DESIGN.** (3, 3) Fall, Spring.

Advanced problems in the commercial field. Six studio hours in class per week. Prerequisite: 200 and 249-250, or consent of instructor. Also, 351 is prerequisite to 352.

**356/456. GRAPHIC DESIGN PRACTICUM I, II.** (3, 3) Fall, Spring, Summer.

Guided experiences in a design studio, print shop, publishing house, or related graphic arts business. Requires an approved written plan and consent of the instructor. Six hours required of all B.F.A. graphic design majors. 356 is a prerequisite to 456.

**360/560. COMPUTER GRAPHICS DESIGN.** (3) Spring.

Computer graphics hardware and software for artists, graphic designers, interior designers, and others interested in using graphics for expression or effective communication. Lecture, demonstration, and hands-on experience present an overview of the capabilities of computer graphics hardware/software systems, the skills necessary to manipulate computer images, and the design principles leading to quality graphics. Six studio hours in class per week. Enrollment is limited to the available equipment. Fee: \$36.00.

**365/565. PRINTMAKING II. SERIGRAPHY AND LITHOGRAPHY.** (3) Fall of even years. Alternates with 345/545.

In-depth study of the principles and techniques of serigraphy (silkscreen printing) and lithography. Prerequisite: ART 200 or consent of the instructor. Six studio hours in class per week. Fee for materials: \$55.25.



**367. COOPERATIVE EDUCATION.** (1-6) Offered on demand.  
See Cooperative Education catalog section.

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

Principles and elements of interior design with emphasis on rendering designs for residential space and preparation of a portfolio. Six studio hours in class per week. Prerequisites: 117 or 200 and 260 or consent of the instructor.

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

Continued study in principles and elements of interior design for residential and commercial application. Six studio hours in class per week. Prerequisite: 370.

**373. HISTORY OF INTERIOR DESIGN AND DECORATION.** (3) Fall.

Characteristics of historical furniture, ornamental design, and architecture from antiquity to the present. Prerequisite: 101.

**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 except interior design. Fee for materials: \$9.00.

**400. SCULPTURE I.** (3) Spring.

Introductory sculpture experiences in clay, plaster, wood, metal, and plastics. Intermediate problems in selected materials follow introductory experiences. Six studio hours in class per week. Prerequisite: 200 or consent of instructor. Fee for materials: \$57.50.

**401/501. SCULPTURE II.** (3) Spring.

Intermediate and advanced problems in selected media. Six studio hours in class per week. Prerequisite: 400 or consent of instructor. Fee for materials: \$57.50.

**430/530. AMERICAN ART HISTORY.** (3) Spring of odd years. Alternates with 433/533.

Art in the United States from early cultures to the present. Includes architecture, interiors, furnishings, painting, and sculpture. Participation in field trips is required.

**431/531. ANCIENT THROUGH MEDIEVAL ART HISTORY.** (3) Fall of even years. Alternates with 432/532.

Western art from prehistoric times to the Renaissance. Participation in field trips is required.

**432/532. ART HISTORY FROM 14TH TO 19TH CENTURY.** (3) Fall of odd years. Alternates with 431/531.

Western art from the 15th to the 19th century. Participation in field trips is required.

**433/533. MODERN ART HISTORY.** (3) Spring of even years. Alternates with 430/530.

Influences, foundations, forms, participants, and trends of modernism from the 19th century to the present day. Participation in field trips is required.

**450. SENIOR SEMINAR.** (1) Fall, Spring.

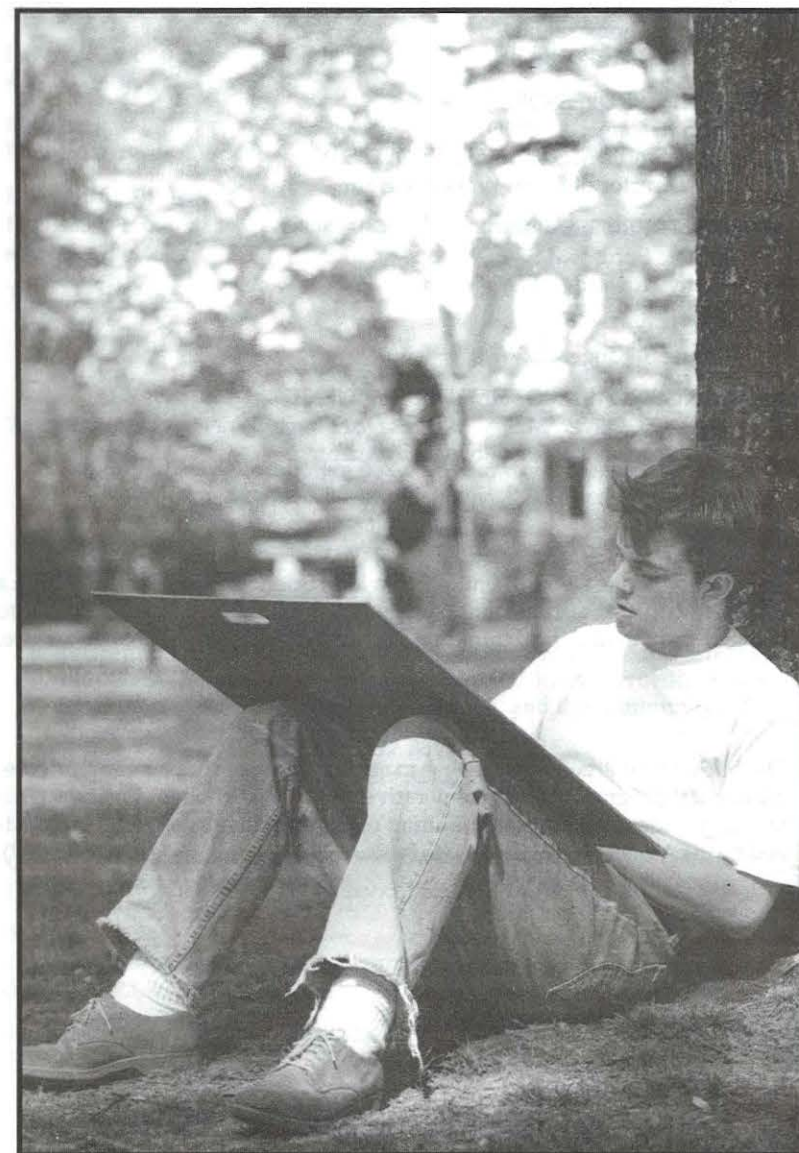
The production of a one-person exhibit, resumé development, and presentation of a portfolio. Required of all art majors except interior design. Students certifying to teach should fulfill this requirement before the supervised teaching semester.

**470. INTERNSHIP IN INTERIOR DESIGN.** (3) Fall, Spring, Summer.

A supervised training program in cooperation with business and professional houses in interior design. Observation and participation in determination of client preferences and needs. Studio procedures and operations. Requires an approved plan and periodic reports from student and employer. Enrollment limited. Prerequisites: 370, senior standing, and consent of instructor.

**475. INDEPENDENT STUDY.** (1-3) Offered on demand.

Supervised individual work in areas of special interest. Concentration is permitted in areas where appropriate course prerequisites have been taken. May be taken two times for credit. B.F.A. degree students may take four times for credit. Prerequisite: Consent of department chairman and instructor. Fee: Depends on field.





**DEPARTMENT OF BEHAVIORAL SCIENCES**  
CHAIRMAN: Jack D. Thomas, Ph.D.

1995-1996 Harding University Catalog

**PROFESSORS:**

\*Kenneth L. Hobby, Ph.D.  
Dwight Ireland, Ed.D.  
\*Lewis L. Moore, Ph.D.  
Walter L. Porter, Ph.D.  
\*Jack D. Thomas, Ph.D.  
\*Billy D. Verkler, Ph.D.

**ASSOCIATE PROFESSORS:**

\*John K. Cameron, Ph.D.  
\*Terry Smith, M.S.W., L.C.S.W., A.C.S.W.  
Director of Social Work Program

**ASSISTANT PROFESSORS:**

\*Debbie Ford, L.M.S.W.  
\*Kathy Howard, Ed.D.

**INSTRUCTOR:**

JoAnne S. King, M.S.W.

**ASSISTING FROM ANOTHER DEPARTMENT:**

George H. Oliver, M.S.A.  
Associate Professor of Management

\* Designates professional licensure by the State of Arkansas.

The mission of the Department of Behavioral Sciences is to provide, within a Christian context, a sound knowledge and foundation in the field and to enhance growth in critical thinking, scientific inquiry, and Christian service.

**HUMAN RESOURCES**

The bachelor of arts degree with a major in human resources is an interdepartmental program offered cooperatively with the School of Business. This major provides preparation in human resource management and is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

**BACHELOR OF ARTS DEGREE**  
**HUMAN RESOURCES MAJOR (HR)**

**REQUIREMENTS**

**General Education (p. 60):**

You must take ECON 201 and PSY 201.

**Major:**

Business Courses (30 hours): ACCT 205, 206; BUS 317, 343; ECON 202; MGT 332, 354, 368, 430; MKTG 330.

Psychology Courses (30 hours): PSY 325, 330, 380, 382, 385, 400, 406, 407, 412, 415.

**Electives:**

BUS 461 is recommended.

**Remaining Bible:**

BUS 435 is required and satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS**

**HOURS**

54

60

6

8

128

**PSYCHOLOGY**

The mission of the Psychology Program is to:

1. Provide a basic education in the science of psychology;
2. Assist students in developing their skills in understanding themselves and others;
3. Prepare students for entry-level opportunities as college graduates in the world of work;
4. Prepare students for advanced study leading to professional careers in psychology and/or counseling;
5. Relate and integrate the psychological truths found in the Word of God with the knowledge of modern psychological science in order to render greater service in the home, the church, and the community.

**BACHELOR OF ARTS DEGREE**  
**PSYCHOLOGY MAJOR (PSYC)**

**REQUIREMENTS**

**General Education (p.60 ):**

PSY 201 is counted below in the hours required for the major.

**Major:**

PSY 201 (prerequisite to all other courses); 240, 325, 330, 380, 382, 385, 392, 400, 407, 415, 438.

**Recommended Electives in Psychology:**

PSY 315, 412, 435, 440, 406.

Students preparing for graduate study in clinical, counseling, school, human resources/industrial psychology, or marriage

51

36

15

89



and family therapy should take PSY 315, 412, and 435 as electives. Students not taking these courses will receive conditional recommendations from the department. These courses are required by most graduate programs, and if they are not taken at Harding, they most likely will be required as leveling courses.

PSY 440/540 is highly recommended.

<b>Minor:</b>	18
<b>Remaining Bible:</b>	8
<b>TOTAL HOURS</b>	128

**Minor in Psychology:** 18 hours in psychology, including 201 and 6 hours of upper-level work.

**Minor in Psychology (for Bible majors):** PSY 201, 240, 380, 382, 385, 412.

### SOCIAL WORK

The mission of the Social Work Program is to:

1. Combine a liberal arts foundation and Christian ethics with professional social work education;
2. Prepare students for beginning generalist social work practice with individuals, families, small groups, organizations, and communities;
3. Promote identification with the profession of social work and its accompanying values so as to encourage responsible behavior in professional social work roles;
4. Develop a respect for cultural diversity and a concerned response to people's problems by challenging discrimination as it relates to race, sex, age, or ableness;
5. Prepare students as generalist social work practitioners who link social research with social work practice;
6. Provide a quality background for students who desire graduate education in social work;
7. Prepare students for a life-long commitment to professional development.

Students desiring to enter the Social Work Program must apply to the director. Criteria for admission include

1. Satisfactory progress toward completion of the general education curriculum;
2. Completion of S WK 275;
3. A 2.0 GPA;
4. Submission of the application form to the director of social work;
5. Completion of an information form for the social work faculty;
6. Letters of recommendation from two faculty members outside the Department of Behavioral Sciences with whom the student is taking or has taken courses;
7. An interview with a social work academic advisor and members of the Social Work Program Committee.

The Social Work Program Committee evaluates all applicants on the basis of these criteria. A written status response from the committee is sent to each applicant. Students admitted to the Social Work Program may begin the first sequence (S WK 280 and 305) in the professional social work curriculum.

You must earn a grade of "C" or better in each social work professional course (S WK 275, 280, 281, 305, 306, 325, 330, 350, 351, 352, 410, 412, 451, 452) in order to meet the requirements for graduation.

Admission to the Social Work Program does not guarantee acceptance into S WK 452 (Field Placement). In order to be accepted, you must

1. Complete all other program courses with a 2.5 GPA;
2. File a formal application with the coordinator of field instruction no later than November 1 in the fall semester which precedes spring placement. Applications for summer placement must be filed the second week following spring break;
3. Obtain the recommendation of the Social Work Program Committee.

Following acceptance into field placement, you have five years to complete placement. After five years, additional requirements, including reapplication, may be imposed.

If you feel that your rights have been violated in the admissions/acceptance process or in classroom experiences, you may file a grievance with the Student Grievance Committee.

Transfer credit in social work may be awarded based on an investigation of course content rather than course title. In general, no transfer credit is awarded for S WK 350, 351, 352, 451, and 452.

The Beta Lambda chapter of Alpha Delta Mu, the national college honor society in social work, was chartered at Harding in 1980. Membership is by invitation and is based on scholastic achievement, character, and involvement.

The Social Work Program is accredited by the Council on Social Work Education.

### BACHELOR OF SOCIAL WORK DEGREE SOCIAL WORK MAJOR (SOCW)

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take POLS 205 and ECON 201. PSY 201 and SOC 203 are prerequisites for the social work major and are counted below.	48
<b>Major:</b> Prerequisites: PSY 201; SOC 203; S WK 275.  S WK 280, 281, 305, 306, 325, 330, 350, 351, 352, 410, 412, 451, 452, and three hours from S WK 399, 411, or SOC 345; PSY 382.	54



**Electives:**

These may include leveling work, which decreases the hours of electives.

**Remaining Bible:**

Bible is not taken during field placement.

**TOTAL HOURS**

**Minor in Human Services:** 18 hours, including S WK 275, 280, 281, 305, 306, 410.

**Minor in Professional Child Care:** 27 hours, including SOC 203, 401; ANTH 381; S WK 275, 399; PSY 240; FCS 322, 323, 425.

**SOCIOLOGY**

The mission of the sociology program is to:

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;
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;
7. Relate and integrate the psychological truths found in the word of God with a knowledge of society and culture in order to render greater service in the home, church, and community.

**BACHELOR OF ARTS DEGREE  
SOCIOLOGY MAJOR (SOC)**

**REQUIREMENTS****General Education (p. 60):**

Three hours each of global literacy and social science are counted below in courses required for the major.

**Major:**

Prerequisite: SOC 203.

ANTH 250; SOC 325, 330, 407, 430, 440, 450, and three upper-level courses approved by the chairman.

If you are interested in a major in sociology with an emphasis in gerontology, professional child care, research, corrections, administration and planning, or public relations and marketing, consult the chairman of the department.

**Minor:****Electives:**

These may include leveling work, which decreases the hours of electives.

**TOTAL HOURS**

**Minor in Sociology:** 18 hours in sociology, including SOC 203 and 6 hours of upper-level work.

**Minor in Anthropology:** 18 hours, including ANTH 250, 320, 381, 401; SOC 440.

**Minor in Family Life:** 22 hours, including BRED 234; ECON 322; FCS 251; PSY 240 or FCS 323; SOC 401, 345; 3 hours elected from ANTH 381, BMIN 321, FCS 322, S WK 399. If one of these courses is included in the major, then another course must be chosen for the minor.

**ANTHROPOLOGY (ANTH)****250. CULTURAL ANTHROPOLOGY.** (3) Spring, Summer.

Diversity of culture. Comparison of behavioral patterns and values in various societies. Understanding and appreciating cultural diversity. Problems of cross-cultural communication.

**320. ETHNOLOGY.** (3) Offered on sufficient demand.

World cultures with emphasis placed upon kinship, political and economic systems, religion, value systems, and social change. Prerequisites: Consent of instructor and department chairman.

**381. PERSONALITY AND SOCIAL STRUCTURE.** (3) Fall.

The effect of social structure on the development of personality, including the impact of culture on child-rearing. Different theories of personality and their contribution toward understanding human behavior. Relation of theory to research applications in professional work. Prerequisite: SOC 203 or PSY 201.

**401. APPLIED ANTHROPOLOGY.** (3) Offered on sufficient demand.

Practical application of the understanding of man. How to identify and communicate with other people within and across cultures. Communicating in foreign cultures and subcultures within American culture. Prerequisite: 250 or consent of instructor.

**PSYCHOLOGY (PSY)****100. STUDY SKILLS AND PERSONAL DEVELOPMENT.** (3) Fall, Spring.

Principles of effective study habits and attitudes. Availability and use of University resources. Exploration of personal values and goals. Does not count toward a major, minor, or general education requirements.

**201. GENERAL PSYCHOLOGY.** (3) Fall, Spring, Summer.

An introductory course prerequisite to all higher-level courses in psychology. Learning, thinking, development, social behavior, motives and emotions, and normal and abnormal personality. An overview of modern psychology in terms of both biological and social factors. Open to first-semester freshmen.

**240. DEVELOPMENTAL PSYCHOLOGY.** (3) Fall, Spring, Summer.

Psychological development from infancy through adulthood with emphasis on physical and motor, mental and language, emotional and social development. Prerequisite: 201.



**315. PHYSIOLOGICAL PSYCHOLOGY.** (3) Fall.

Biological processes contributing to human behavior. Detailed review of the nervous system with an emphasis on sensory processes. Prerequisite: 201 or consent of instructor.

**325/525. STATISTICS.** (3) Fall.

The scientific method as applied to behavioral science through a study of research techniques and statistical analysis of data. Emphasis upon developing skills with descriptive and inferential statistics. Three class periods and two hours laboratory per week. Prerequisite: 201 or consent of instructor.

**330/530. EXPERIMENTAL PSYCHOLOGY.** (3) Spring.

Research methods of behavioral science, including observation, surveys, physical trace, experimental designs, program evaluation, various analyses of variance and non-parametric procedures to analyze data. Computer work and additional statistical techniques. A research project involving data collection, analysis, and report is required. Three class periods and two hours laboratory per week. Prerequisite: 325 or consent of the instructor.

**367/567. COOPERATIVE EDUCATION.** (1-6) See Cooperative Education catalog section.**380/580. PSYCHOLOGY OF PERSONALITY.** (3) Fall, Summer.

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. ABNORMAL PSYCHOLOGY.** (3) Fall, Spring, Summer.

Basic concepts of psychopathology with emphasis on the development of behavior deviations. Descriptions of various types of behavioral disorders. The DSM-IV is heavily emphasized with a special focus on diagnostic criteria. Prerequisite: 201 or EDUC 203.

**385/585. COUNSELING.** (3) Fall, Summer.

Theories and philosophies underlying current practices in the field of counseling. Special attention is given to helping students develop their own theory and techniques. Prerequisites: junior standing, 380, and 382.

**392/592. HISTORY AND SYSTEMS.** (3) Fall.

Historical, scientific, and philosophical antecedents of contemporary psychology in relation to their current influence on the field; emphasis upon contributions of important leaders and schools of psychology; consideration of current problems in the field. Must be taken during junior year in order to prepare for Graduate Record Examination and graduate school teaching assistantships. Prerequisite: 12 hours of psychology or consent of instructor.

**400/500. PSYCHOLOGICAL TESTING.** (3) Spring, Summer.

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. Prerequisites: 201 and 325, or consent of instructor.

**406/506. INDUSTRIAL PSYCHOLOGY.** (3) Spring.

Psychology applied in the workplace. Psychological assessment, job design, occupational stress, worker motivation, and career development. Interpreting and applying the professional literature of industrial/organizational psychology. Prerequisite: 330.

**407/507. SOCIAL PSYCHOLOGY.** (3) Fall, Summer.

Psychology of the individual in the group situation. Social psychology research, social theory (behavior and attitudes, explaining behavior social thinking in the clinic), social influence (cultural influences, conformity, persuasion, group influence, social

psychology in court), and social relations (aggression, altruism, prejudice, attraction, conflict and peacemaking). Individual research projects are required. Prerequisite: 330.

**412/512. TECHNIQUES OF COUNSELING.** (3) Spring, Summer.

Enhancement of interpersonal counseling skills and provision of a framework for understanding the interviewing and Christian counseling process. Three hours class and two hours laboratory per week. Prerequisite: PSY 385.

**415/515. SPSS/PC+.** (3) Fall, Spring, Summer.

Statistical analysis projects using microcomputers with SPSS/PC+, a major computer application used for data analysis. Prerequisites: PSY 325 and 330 or their equivalents.

**435. ADVANCED RESEARCH.** (3) Fall.

A major research project which can be presented to doctoral programs as an example of interest and capability in conducting independent research. Enrollment limited on a competitive basis. Three hours lecture and one three-hour weekly lab. All reports typed APA publication style. Prerequisites: PSY/S WK/SOC 325 and 330 with minimum grade of "B" in both courses.

**438/538. PSYCHOLOGY OF LEARNING.** (3) Fall, Spring, Summer.

Psychological principles involved in learning, including memory and motivation, and their applications to the understanding of human development and personality. 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 faculty member in the student's interest area. Prerequisites: 18 hours in psychology, consent of the department chairman, and purchase of professional liability insurance through Harding University. Fee: To be determined by insurance company.

**450/650. INDEPENDENT STUDY.** (1-3) Fall, Spring.

Individual study or research for qualified senior and graduate majors in psychology. Prerequisite: Approval of a formal proposal submitted to the faculty member and department chairman.

**SOCIAL WORK (S WK)****275. SOCIAL WORK.** (3) Fall, Spring, Summer.

The historical and philosophical bases of the profession and how they relate to social work practice. An introduction to social work practice, values, and professional orientation. Prerequisites: PSY 201 and SOC 203, or consent of program director.

**280. HBSE I (HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I).** (3) Fall.

Dynamics of human behavior and the effects of the social environment upon individual development. Processes of human development, change, and adaptation from infancy through adolescence, with an examination of developmental stages, transitions, and problems inclusive of social, biological, cognitive, emotional, and behavioral aspects of human functioning. Developing a people-in-systems theoretical orientation to the study of social work. Prerequisites or corequisites: PSY 201, SOC 203, and BIOL 111.

**281. HBSE II (HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II).** (3) Spring.

Continuation of the people-in-systems theoretical orientation, building understanding and knowledge of human behavior as influenced by bio-psycho-socio-cultural factors. Current perspectives on adulthood and aging. Knowledge, concepts, and theories with which to understand and work with individuals in the context of their social environment, especially the American culture. Prerequisite: HBSE I.



**305. SOCIAL WELFARE POLICY AND SERVICES I.** (3) Fall.

The history, development, and contemporary nature and structure of social welfare as a system. Values, philosophies, and ideological positions leading to the development of social welfare policy. Societal forces that influence current developing social policy, with particular emphasis on the relation of economic and political processes to social policy development. Analysis of social policies in view of their historical and ideological positions and responsiveness to individual and social needs. Prerequisites or corequisites: S WK 275, POLS 205, HIST 101 or 102, HIST 110 or 111.

**306. SOCIAL WELFARE POLICY AND SERVICES II.** (3) Spring.

The organizational and systematic process involved in social welfare policy formulation, implementation, and analysis. Specific policies that influence the areas of income maintenance, poverty, health care, housing, special populations, and service delivery. Transition of policy analysis and formulation into implementation with specific emphasis on the legislative, judicial, and administrative functions involved. Emphasis on the social work practitioner's influence on the policy-making process. Prerequisites or corequisites: POLS 205, ECON 201, and S WK 305.

**325. RESEARCH I (STATISTICS).** (3) Fall.

The scientific method as applied to behavioral science through research techniques and statistical analysis of data. Descriptive and inferential statistics. Three class periods and two hours laboratory per week. Prerequisites: MATH 151 or higher, S WK 280, 281.

**330. RESEARCH II (METHODS OF SOCIAL AND BEHAVIORAL RESEARCH II)** (3) Spring.

Types of research that may be conducted in social settings, using the experimental model as a basis. Includes survey, field, single case, and evaluation research models. Basic statistical understanding integrated with the study of data collection. Formulation of a proposal for a research project. Prerequisite: 325.

**345. GERONTOLOGY.** (3) Fall.

Role of the aged in American society. Impact of social change and special problems of the elderly.

**350. SOCIAL WORK PRACTICE I.** (3) Fall.

Social work with individuals, families, groups, and communities. Knowledge, values, and skills essential in engaging client systems. The use of problem-solving skills within a systems framework. Prerequisites: Admission to the Program, S WK 275, 280, or consent of program director.

**351. SOCIAL WORK PRACTICE II.** (3) Spring.

Assessment, goal selection, and intervention approaches with individuals, families, groups, and communities. Different models of practice are introduced, and the evaluation and termination of practice are examined. Prerequisite: S WK 350.

**352. SOCIAL WORK PRACTICE III.** (3) Fall.

Application of generalist social work skills toward an issue currently encountered by practitioners. Utilization of the problem-solving process at various levels of intervention, including individuals, families, small groups, organizations, and communities. Cases are presented to challenge students to apply the problem-solving method. Prerequisite: S WK 351.

**367/567. COOPERATIVE EDUCATION.** (1-3) Offered on demand.

See Cooperative Education catalog section.

**399/599. CHILD WELFARE SERVICES.** (3) Fall, Spring.

Major policy, practice, and research issues that shape current child welfare practice. Areas of service designed to improve opportunities for optimal child development, buttress family functioning, and address dysfunction in children and families, including foster care, adoptions, family preservation, child protective services, day care, and residential treatment services.

1995-1996 Harding University Catalog **410. MINORITY GROUPS.** (3) Fall.

Identity, goals, and organizations of American minority groups. Race relations as a social problem. Dimensions of prejudice and oppression. Prerequisite: 203.

**411/511. LAW AND BEHAVIORAL SCIENCES.** (3) Spring.

The legal environment in which social work, psychology, and related behavioral sciences operate. The American legal system. Legal provisions related to child welfare, domestic violence, health care, and mental health. Legal aspects of professional liability, credentialing, and confidentiality. Development of professional expertise in courtroom behavior.

**412. COMMUNITY PRACTICUM.** (3) Fall.

A combination of seminar and extended community contact with service agencies designed to expose students to practice in an agency setting. The class project is to design and implement a seminar on a current social issue for state and local professionals.

**450. INDEPENDENT STUDY.** (1-3) Fall, Spring.

Individual study or research for qualified senior/graduate majors in social work. Prerequisite: Approval of a formal proposal by the instructor, director of social work program, and department chairman.

**451. SOCIAL WORK SEMINAR.** (3) Spring, Summer.

Review of latest developments in social work; analysis of problems encountered in field placement; development of self-awareness and individual worker style.

**452. FIELD PLACEMENT.** (9) Spring, Summer.

Placement in a social work agency for 480 hours of supervised field practice. All core courses must be completed prior to placement. Each student participating in a field placement must purchase professional liability insurance through Harding University. Prerequisites: Completion of all core courses; purchase of professional liability insurance through Harding University. Fee: To be determined by insurance company.

**SOCIOLOGY (SOC)**

**203. GENERAL SOCIOLOGY.** (3) Fall, Spring, Summer.

A broad perspective of the nature of society and its problems in terms of social institutions, forces, and changes. Cultural diversity and understanding of group interaction in our multi-ethnic society.

**325. METHODS OF SOCIAL AND BEHAVIORAL RESEARCH I.** (3) Fall.

The scientific method as applied to behavioral science through a study of research techniques and statistical analysis of data. Emphasis upon developing skills with descriptive and inferential statistics. Three class periods and two hours laboratory per week. Prerequisite: 201 or consent of instructor.

**330. METHODS OF SOCIAL AND BEHAVIORAL RESEARCH II.** (3) Spring.

Research methods of behavioral science, including observation, surveys, physical trace, experimental designs, and program evaluation. Analyses of variance and non-parametric procedures to analyze data. Computer work and additional statistical techniques. A research project involving data collection, analysis, and report is required. Three class periods and two hours laboratory per week. Prerequisite: 325 or consent of the instructor.

**342. CRIME AND DELINQUENCY.** (3) Spring.

Crime and juvenile delinquency emphasizing causes, law enforcement, and treatment. Prerequisite: 203.

**345. GERONTOLOGY.** (3) Fall.

Role of the aged in American society. Impact of social change and special problems of the elderly.



**350. 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. PUBLIC OPINION AND COLLECTIVE BEHAVIOR. (3) Fall.**

The factors which influence public opinion, how public opinion affects policy-making and execution, the problem of measurement, the effect of mass media communication, the content of propaganda, mass movement, and the effect on the individual. Prerequisite: 203 or consent of department chairman.

**367/567. COOPERATIVE EDUCATION. (1-3) Offered on demand.**

See Cooperative Education catalog section.

**400/500. GROUP PROCESSES. (3) Spring.**

Group organization and development of leadership. Group modification of individual conduct. Group work and research. Use of groups in the promotion of mental health.

**401/501. PROBLEMS IN MODERN COURTSHIP AND MARRIAGE. (3) Spring, Summer.**

Problems in interpersonal behavior and role relationships in marriage. Practical application of problematic aspects of courtship and marriage. Guidance for individual behavior and professional preparation for those planning to work in this area.

**405/505. CONTEMPORARY SOCIAL PROBLEMS. (3) Fall.**

Major theories of social problems. Relation of cultural values to social problems. Study of problems such as mental disorder, crime, poverty, sexual relations, overpopulation, environment, and race. Prerequisite: 203.

**407/507. SOCIAL PSYCHOLOGY. (3) Fall.**

Psychology of the individual in the group situation. Social psychology research, social thinking (behavior and attitudes, explaining behavior social thinking in the clinic), social influence (cultural influences, conformity, persuasion, group influence, social psychology in court) and social relations (aggression, altruism, prejudice, attraction, conflict and peacemaking). Individual research projects are required. Prerequisite: 330.

**410/510. MINORITY GROUPS. (3) Fall.**

Identity, goals, and organizations of American minority groups. Race relations as a social problem. Dimensions of prejudice and oppression. Prerequisite: 203.

**430/530. URBAN THEORY AND COMMUNITY DEVELOPMENT. (3) Spring of odd years.**

Community organization, structure, institutions, and functioning of social processes underlying change. Prerequisite: 203.

**440/540. HISTORY OF SOCIOLOGICAL AND ANTHROPOLOGICAL THEORY. (3) Spring of even years.**

Major theoretical contributions to sociology, social psychology, and anthropology. The historical development and theoretical interrelationships of the three fields. Prerequisites: 15 hours of anthropology and sociology including SOC 203 and ANTH 250; for juniors, permission of the instructor.

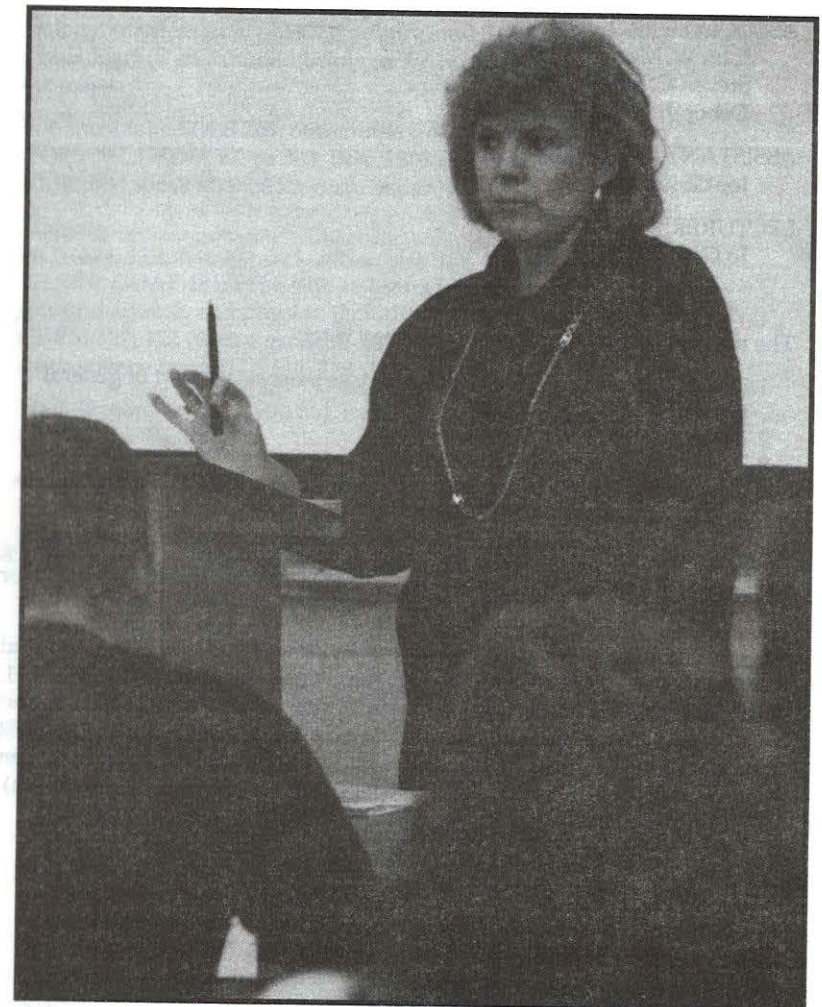
**450/650. INDEPENDENT STUDY. (1-3) Fall, Spring.**

Individual study or research for qualified senior/graduate majors in sociology. Prerequisites: Approval of a formal proposal by the instructor and department chairman.

**451. INTERNSHIP IN REGIONAL AND URBAN AFFAIRS. (3) Offered on demand.**

Experience in working with an agency of the state or local government under supervision of agency personnel and an academic advisor. Prerequisites: 203, consent

1995-1996 Harding University Catalog; the department chairman, and purchase of professional liability insurance through Harding University. Fee: To be determined by insurance company.





**DEPARTMENT OF BIOLOGY**  
CHAIRMAN: John W. Moon Jr., Ph.D.

**PROFESSORS:**

Ronald Doran, M.S.  
Michael V. Plummer, Ph.D.  
Ward Bryce Roberson, Ph.D.

**ASSOCIATE PROFESSORS:**

John W. Moon, Jr., Ph.D.  
Steven C. Moore, Ph.D.  
Deborah L. Mueller, Ph.D.

**ASSISTANT PROFESSOR:**

Joe Goy, Ph.D.

**LECTURER:**

Jo Goy, M.S.

The mission of the Department of Biology is to:

1. Provide a basic knowledge of biology as a necessary part of general education;
2. Train teachers of biology;
3. Equip students for graduate study;
4. Prepare students to pursue medicine, dentistry, nursing, medical technology, and similar professions.

Biology majors may elect either the bachelor of arts degree if you are certifying to teach or the bachelor of science degree. Senior majors must take the Major Field Test in Biology, preferably during your last semester.

As a rule, students with ACT math scores 29 and below (O-SAT 630 and below; R-SAT 630 and below) need leveling work before taking MATH 201. Students with ACT math scores between 19 and 24 (O-SAT between 410 and 530; R-SAT between 450 and 550) should take MATH 151 (4 hours) and 152 (2 hours); those with ACT math scores between 25 and 29 (O-SAT between 540 and 630; R-SAT between 560 and 630) should take MATH 171 (5 hours). Leveling work decreases electives or increases total hours in the degree.

**BACHELOR OF ARTS DEGREE  
BIOLOGY MAJOR (BEDU)  
(Teacher Certification)**

**REQUIREMENTS**

**HOURS**

**General Education (p. 60):**

EDFD 203, required in place of PSY 201, is counted below in the hours required for certification.

39

Biology, mathematics, physical science, and 3 hours of global literacy are counted below in the hours required for the major.

You must take POLS 205; one course from ANTH 250 POLS 202, GEOG 302 or 303, SOCS 301 (for global literacy additional social science for certification).

**Major:**

BIOL 121, 122, 250, 259, 271, 275 or 280, 315, 407, 440; MATH 171, 200; COAP 101; PH S 410; 16 hours from chemistry, physical science, and physics, including CHEM 114, 115 or CHEM 121, 122 (with a grade of "C" or better) and 3 hours of earth science from PH S 111, 112, 113.

63

Math leveling work, if needed, increases the total hours in the degree by 5-6 hours.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 428, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p 219).

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**Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. Bible is not required during the supervised teaching semester.

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**TOTAL HOURS**

138

**BACHELOR OF SCIENCE DEGREE  
BIOLOGY MAJOR (BIO)  
(Non Teacher Certification)**

**REQUIREMENTS**

**HOURS**

**General Education (p. 60):**

Biology, mathematics, and physical science are counted below in the hours required for the major.

45

**Major:**

BIOL 121, 122, 259, 315, 407, 440; one course from 261, 263, 275, 280; 10 additional upper-level biology hours. CHEM 121, 122, 271 or 301, 324; PHYS 201, 202; MATH 200, 201; COAP 101; PH S 410.

70



**Electives:**

Math leveling work, if needed, decreases electives by 5-6 hours.

**Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. It should be taken during the spring semester of the senior year.

**TOTAL HOURS**

**BACHELOR OF SCIENCE DEGREE  
BIOLOGY MAJOR (BEDU)  
(Teacher Certification)**

**REQUIREMENTS****General Education (p. 60):**

EDFD 203, required in place of PSY 201, is counted below in the hours required for certification.

Biology, mathematics, and physical science are counted below in the hours required for the major.

You must take POLS 205; one course from ANTH 250, POLS 202, GEOG 302 or 303, SOCS 301 (for global literacy/ additional social science for certification).

**Major:**

BIOL 121, 122, 259, 315, 407, 440; one course from 261, 263, 275, 280; 10 additional upper-level biology hours. CHEM 121, 122, 271 or 301, 324; PHYS 201, 202; MATH 200, 201; COAP 101; PH S 410.

Math leveling work, if needed, increases the total hours in the degree by 5-6 hours.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 428, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. Bible is not required during the supervised teaching semester.

**TOTAL HOURS**

**Biology as a Second Teaching Field:** Students certifying to teach in a major field who wish to add biology as a second field must complete nine hours of biology in addition to the above courses, or complete six hours of physical science in addition to the above courses.

**Minor in Biology:** 18 hours of biology, including 121, 122, 259, 315.

**111. GENERAL BIOLOGY. (3) Fall, Spring.**

A lecture course in the principles of biology for students not majoring in natural sciences. Satisfies the general education requirement in biology, but does not count toward a major or minor in biology.

**113. HUMAN STRUCTURE AND FUNCTION. (3) Fall, Spring.**

Structure and function of selected human organ systems and the cellular mechanisms and processes upon which they are based. Circulatory, digestive, nervous, musculoskeletal, and respiratory systems. Designed for majors in communication disorders, dietetics, nursing, physical education, and others who need an introduction to human anatomy and physiology. Satisfies the general education requirement in biology, but does not count toward a major or minor in biology.

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

The animal kingdom, with emphasis on taxonomy, morphology, and life histories, to typical representatives of the animal phyla. Three lectures and one 3-hour laboratory each week. Fee: \$15.75.

**122. GENERAL BOTANY. (4) Fall, Spring.**

The plant kingdom from prokaryotes to the flowering plants. Identification, classification, life histories, and importance of plants. Three hours of lecture and 3 hours of laboratory or field trips per week. Fee: \$15.75.

**250. ENVIRONMENTAL SCIENCE. (3) Spring.**

Biological knowledge of the structure and function of ecosystems; human influence on the environment. Three lectures and/or discussion groups per week.

**259. CELL BIOLOGY. (4) Fall, Spring.**

Cells and organelles, and the activities, functions, and processes associated with them. The cell theory (as an introduction to the methodology of science), tools and equipment, cell structural organization, membrane transport, respiration and photosynthesis, gene function and protein synthesis, mitosis and meiosis, heredity, growth and proliferation, differentiation, and senescence. Three hours lecture and 3 hours laboratory instruction per week. Prerequisite: CHEM 114 or 121.

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

Comparative structure and function of the vertebrates, including extinct forms. The laboratory provides an intensive dissection experience. Three hours of lecture and 3 hours of laboratory per week. Prerequisite: 259.

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

Fundamental facts and processes of development from germ-cell formation to the completed, free-living organism. Three hours lecture and 3 hours laboratory per week. Prerequisite: 259.

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

Biology of bacteria and certain other prokaryotic and eukaryotic microorganisms and viruses that affect everyday life. History of microbiology. Techniques of studying, isolating, identifying, and controlling microorganisms. Epidemiology. Physiological basis of disease, host resistance, and immunity. Practical, medical, and industrial applications of microbiology. Approved by NAACLS for immunology content. Three lectures and 3 hours of laboratory per week. Prerequisites: BIOL 259, or CHEM 114 and BIOL 113.

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

Structure and functions of the human body. Designed for majors in nursing, family and consumer sciences, kinesiology, psychology, and secondary education with teaching emphasis in biology. Three lectures and 3 hours of laboratory per week. Prerequisite: 113 or 259 with a minimum grade of "C."



The function, ecology, evolution, and genetics of animal behavior. Two lectures and a 3-hour laboratory per week. Prerequisite: 259.

**416/516. HERPETOLOGY. (3) Spring.**

The morphology, systematic, ecology, behavior, and distribution of amphibians and reptiles. Two lectures and 3 hours of laboratory or field work per week. Prerequisite: 259. Fee: \$15.75.

**425/525. MOLECULAR AND CELLULAR BIOLOGY. (3) Fall, Spring.**

The biochemistry, energetics, and physiology of cells. Current approaches used in molecular genetics; problem solving approaches to understanding current research data. Designed for students preparing for careers in biology, medicine and related fields. Three hours of lecture/discussion and 3 hours of recitation per week. Prerequisite: 259, 315, and CHEM 271 or 301.

**430/530. RESEARCH. (1-4) Offered on sufficient demand.**

A research participation course for advanced science students. Students should enroll for at least two successive semesters. A research paper is required. Prerequisites: Junior standing with a GPA of 3.0 in the sciences; consent of the instructor.

**440. SEMINAR. (0-1) Fall, Spring.**

Career opportunities, graduate school opportunities, use of biological literature, and presentation of research topics. Required of all junior and senior majors, but credit is earned only in the spring semester of the senior year.

**473. MOLECULAR, CELLULAR AND PHYSIOLOGY LABORATORY. (2) Offered on demand.**

Current methods for studying proteins, enzymes, and DNA. Students pose problems, design and perform experiments, analyze data, and communicate results to their peers. One hour of lecture/discussion per week and four hours laboratory. Prerequisite: 425.

**280. VERTEBRATE PHYSIOLOGY. (3) Spring.**

Functions of each of the organ systems of animals, including the nervous, musculoskeletal, cardiovascular, respiratory, excretory, and endocrine systems of vertebrates. Three hours lecture per week. Prerequisite: 259 or 275.

**311. INVERTEBRATE BIOLOGY AND PARASITOLOGY. (3) Offered on demand.**

Classification, morphology, life history, and physiology of typical invertebrates except insects with attention given to the parasites of man. Two hours lecture and 3 hours laboratory per week. Prerequisite: 121. Fee: \$15.75.

**313. ENTOMOLOGY. (3) Offered on demand.**

The structure, classification, life history, physiology and economic importance of insects with special reference to those of this region. Two hours lecture and 3 hours laboratory per week. Prerequisite: 121. Fee: \$15.75.

**314/514. TOPICS IN BIOLOGY. (1-6) Offered on demand.**

Topics are determined by student needs and interests and instructor availability. Prerequisite: Junior standing and consent of the instructor.

**315/515. GENETICS. (3) Fall, Spring.**

Heredity, molecular genetics, microbial genetics, and variation and selection. Three lecture-demonstrations and 3 hours of recitation per week. Prerequisites: 259, MATH 200.

**367/567. COOPERATIVE EDUCATION. (1-6) Offered on demand.**

See Cooperative Education catalog section (p 58).

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

An extended field trip designed to acquaint biology majors with natural ecosystems. Biogeographical report on area to be visited is required prior to trip, and a trip journal is required upon return. One week of field work required for each hour of credit. Prerequisites: 121, 122, junior standing, and consent of the instructor. All trip expenses will be prorated among the participants.

**352/552. PLANT TAXONOMY. (4) Offered on sufficient demand.**

History and basic principles. Laboratory work stressing the structural characteristics of vascular plant families and the use of field manuals in identifying components of local flora. Three lectures and 3 hours of laboratory or field work per week. Prerequisite: 122. Fee: \$15.75.

**371. GENETICS LABORATORY. (2) Fall, Spring.**

A one-hour lecture-discussion, four-hour laboratory-per-week course in transmission and molecular genetics. Classic papers are read and discussed to complement laboratory problem solving. Students are expected to pose problems, design experiments, analyze data, and communicate results to their peers. Prerequisites: 315 and CHEM 271 or 301, and CHEM 324.

**407/507. ECOLOGY. (4) Fall, Spring.**

The fundamental interactions that determine the distribution and abundance of organisms. Laboratory and field work in methods of ecological research. Three lectures and 3 hours of laboratory or field work per week. Prerequisites: 259, MATH 200. Fee: \$15.75.

**408/508. SCIENCE FOR THE ELEMENTARY SCHOOL TEACHER. (3) Fall, Spring.**

A science concept and content course designed especially for K-6 elementary school teachers. Science literacy in an evolving technological society. Science as an active, constructive, cooperating process. Science involving experimentation, investigation of scientific phenomena, analysis, inquiry and problem solving. Science that includes interdisciplinary content, connections, and real-world applications. Corequisites: ELED 408.



**DEPARTMENT OF COMMUNICATION**  
**CHAIRMAN: Michael L. James, Ph.D.**

1995-1996 Harding University Catalog

Students may certify to teach oral communication or journalism at the secondary level or gain the necessary educational preparation for graduate study in any of the above areas of communication.

**PROFESSORS:**

Louis Butterfield, Ed.D.  
 Morris Ray Ellis, Ph.D.  
 Patrick Garner, Ph.D.  
 Director of the Forensics Program  
 John H. Ryan, Ph.D.  
 \*Daniel C. Tullos, Ph.D., CCC-SLP  
 Director of the Communication Disorders Program

**ASSOCIATE PROFESSORS:**

Steven N. Frye, Ed.D.  
 Michael L. James, Ph.D.  
 C. Robin Miller, M.F.A.  
 Director of the Theater Program  
 + Jack R. Shock, Ed.D.  
 +\*Rebecca Weaver, M.C.D., CCC-SLP

**ASSISTANT PROFESSORS:**

Kay Gowen, M.S.M.C.  
 Director of Student Publications  
 \*Karen McLarty, M.A., CCC-SLP

**LECTURERS:**

Dottie Frye, M.A.  
 Sharon Pitt, M.A.  
 Scott Stewart, M.A.

\* Designates professional licensure by the state of Arkansas.  
 + On leave of absence

The mission of the Department of Communication is to provide, within a Christian context, a foundation of human communication principles. Each area of study enhances student growth in critical thinking, scientific inquiry, and Christian service. The department prepares students for placement and careers in communication and furnishes a strong preparation for graduate study.

Communication and information exchange occupy significant positions in world affairs. There is increased need for skilled communicators in all segments of society — government, politics, business, and the church. Thus students must complete a basic course in oral communication.

The Department of Communication offers majors in five program areas: communication disorders; communication management; mass communication (advertising, journalism, print journalism, public relations, radio/television); oral communication; and theater.

**COMMUNICATION DISORDERS**

The communications disorders majors are preprofessional in nature and are strongly recommended for students planning to pursue a master's degree and certification by the American Speech-Language-Hearing Association (ASHA). Students receive their clinical experience under the supervision of ASHA-certified speech-language pathologists. The program follows the American Speech-Language-Hearing Association (ASHA) Advisements for Undergraduate Education and supports the ASHA position that the graduate degree should be the minimum requirement for professional certification.

You may select one of two major options. The public school option allows you to take the education courses and complete the practicum requirements necessary to apply for a public school certificate in Speech-Language Pathology following the completion of a degree at an ASHA Educational Standards Board accredited graduate program. The non-public school option allows you to substitute a selected minor for the education courses.

**BACHELOR OF ARTS DEGREE**  
**COMMUNICATION DISORDERS MAJOR (CMDP)**  
**(Public School Option)**

**REQUIREMENTS**

	HOURS
<b>General Education (p. 60):</b>	54
You must take BIOL 113; EDFD 203 in place of PSY 201; MATH 200; POLS 205. One course from ANTH 250, POLS 202, GEOG 302 or 303, SOCS 301 satisfies both global literacy and 3 additional hours of social science.	
<b>Major:</b>	59
COMD 215, 250, 301, 302, 325, 326, 400, 401, 402, 404, 420; COMO 261, 290; EDFD 201, 307, 309; SPED 303, 407; H ED 203; 3 additional hours of social science is counted above in general education.	
You must apply for teacher certification following completion of the graduate degree.	
<b>Electives:</b>	7
<b>Remaining Bible:</b>	8
<b>TOTAL HOURS</b>	128



**BACHELOR OF ARTS DEGREE  
COMMUNICATION DISORDERS MAJOR (CMDG)  
(Non-Public School Option)**

1995-1996 Harding University Catalog

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	54
You must take BIOL 113, MATH 200.	
<b>Major:</b>	43
COMD 215, 250, 301, 302, 325, 326, 400, 401, 402, 404, 421; COMO 261, 290, 315.	
<b>Minor:</b>	18
Although no specific minor is designated for this major, the following are strongly recommended: Biology (with emphasis in anatomy and physiology) English (with emphasis in grammar and linguistics) Psychology	
<b>Electives:</b>	5
<b>Remaining Bible:</b>	8
<b>TOTAL HOURS</b>	128

**COMMUNICATION MANAGEMENT**

Communication management is a cocurricular program in business and mass communication designed to prepare students to manage media outlets. This major provides a basic understanding of media theory, law, and practice and gives a background in marketing, sales, and accounting principles.

**BACHELOR OF ARTS DEGREE  
COMMUNICATION MANAGEMENT MAJOR (CMMG)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	54
You must take ECON 201.	
<b>Major:</b>	60
Communication courses (30 hours): COMM 201, 251, 280, 303 or 304, 351, 412, 445; COMO 260 or 261; 6 hours elected in communication.	
Business courses (30 hours): ACCT 205, 206; BUS 317; COAP 101; ECON 202; MGT 332, 368; MKTG 330 or PR S 336; 6 hours elected in business.	
<b>Electives:</b>	6
<b>Remaining Bible:</b>	8
BUS 435 is recommended and satisfies the Bible requirement in the semester it is taken.	
<b>TOTAL HOURS</b>	128

**MASS COMMUNICATION**

Four majors are available for students in mass communication: (1) advertising; (2) print journalism (certification and non-certification); (3) public relations; and (4) radio/television.

Students in mass communication are encouraged to maximize practical training along with academic instruction. Work on the campus television outlet TV 16, the campus cable radio station KHCA, the student newspaper *The Bison*, and the yearbook *The Petit Jean*, is available. In the junior or senior year you must complete an internship in your major, working a specified number of hours in cable, commercial, or public radio and television facilities, or in firms specializing in advertising, public relations, and print journalism.

All students in mass communication are required to take BUS 105 or pass a 40 words-per-minute typing speed test on the typewriter or computer keyboard. This requirement must be fulfilled before the end of the sophomore year.

You must also pass ENG 111 before enrolling in any COMM course numbered above 230. In addition, you must take MATH 200 to satisfy the general education requirement for mathematics.

**BACHELOR OF ARTS DEGREE  
ADVERTISING MAJOR (ADV)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	54
You must pass ENG 111 before enrolling in COMM courses numbered above 230. You must take MATH 200.	
<b>Major:</b>	63
Prerequisite: BUS 105 or 40 words-per-minute typing proficiency test before the end of the sophomore year.	
COMM 140, 141, 201, 220, 230 or 231, 242, 253, 280, 303, 304, 313, 322, 351, 410, 411, 412, 441; 15 hours from ART 200, 249, 250, 351, 352, 356, 456; COMM 142, 143, 251, 302, 305, 370, 371, 372; COMO 271; MKTG 330, 331, 337; PR S 336; BUS 435; COAP 101, SOC 355.	
<b>Electives:</b>	5
<b>Remaining Bible:</b>	6
BUS 435 satisfies the Bible requirement in the semester it is taken. If BUS 435 is not elected in the major above, the Bible requirement is 8 hours.	
<b>TOTAL HOURS</b>	128
<b>Minor in Advertising:</b> 19 hours, including COMM 201, 230 or 231, 303 or 304, 322; 1 hour from 140, 141, 242, 243; 6 hours from 253, 280, 351, 410, 411, 412, or other courses approved by the department chairman.	



**BACHELOR OF ARTS DEGREE  
PRINT JOURNALISM MAJOR (PJRN)  
(Non Teacher Certification)**

1995-1996 Harding University Catalog

**REQUIREMENTS** **HOURS**

**General Education (p. 60):**

You must pass ENG 111 before enrolling in COMM courses numbered above 230. You must take MATH 200. ECON 201 is recommended for social science.

**Major:**

Prerequisite: BUS 105 or 40 words-per-minute typing proficiency test before the end of the sophomore year.

COMM 201, 220, 231, 242, 243, 301, 302, 303, 322, 323, 351, 410, 412, 415, 442; POLS 202, 353; ENG 281; 12 hours from COMM 280, 305, 370, 371, 372; BUS 315; ECON 202, 310, 311; ENG 291; ART 249; POLS 300, 304, 435.

**Electives:**

**Remaining Bible:**

**TOTAL HOURS**

**Minor in Print Journalism:** 18 hours, including COMM 201, 231, and 6 upper-level hours.

**BACHELOR OF ARTS DEGREE  
PRINT JOURNALISM MAJOR (PJRS)  
(Teacher Certification)**

**REQUIREMENTS** **HOURS**

**General Education (p. 60):**

You must complete ENG 111 before enrolling in COMM courses numbered above 230. You must take MATH 200, POLS 205. EDFD 203, required in place of PSY 201, is counted below in the hours required for certification.

**Major:**

Prerequisite: BUS 105 or 40 words-per-minute typing proficiency test before the end of the sophomore year.

COMM 201, 220, 231, 242, 243, 301, 302, 303, 322, 323, 351, 410, 412, 415, 442; POLS 202, 353; 12 hours from COMM 280, 305, 370, 371, 372; BUS 315; ECON 202, 310, 311; ENG 281, 291; ART 249; POLS 300, 304, 435.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 430, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required in the supervised teaching semester.

**TOTAL HOURS**

**BACHELOR OF ARTS DEGREE  
PUBLIC RELATIONS MAJOR (PR)**

**REQUIREMENTS** **HOURS**

**General Education:**

You must pass ENG 111 before enrolling in COMM courses numbered above 230. You must take MATH 200. ECON 201 or SOC 203 is recommended for social science.

**Major:**

Prerequisite: BUS 105 or 40 words-per-minute typing proficiency test before the end of the sophomore year.

COMM 140 or 141, 201, 220, 231, 242, 243, 253, 280, 302, 303, 307, 322, 323, 351, 394, 396, 410, 412, 415, 443; COMO 260 or 262; MKTG 330; BUS 435.

**Electives:**

**Remaining Bible:**

BUS 435 satisfies the Bible requirement the semester it is taken.

**TOTAL HOURS**

**Minor in Public Relations:** 18 hours, including COMM 201, 231, 242 or 243, 280, 302, 323, 394 or 396.

**BACHELOR OF ARTS DEGREE  
RADIO/TELEVISION MAJOR (RTV)**

**REQUIREMENTS** **HOURS**

**General Education (p. 60):**

You must pass ENG 111 before enrolling in courses numbered above 230. You must take MATH 200.

**Major:**

Prerequisite: BUS 105 or 40 words-per-minute typing proficiency test before the end of the sophomore year.

COMM 140, 141, 201, 220, 230, 251, 253, 304, 351, 370, 371, 372, 410, 412, 444; COMO 211, 255, 260; 12 hours in either the teleproduction track or the broadcast journalism track below.

Teleproduction track: COMM 409; COMT 311; 6 hours from COMM 140, 141, 275, 280, 322, 408, 409; COMO 261, 262, 271; COMT 245, 311.

Broadcast journalism track: COMM 275, 408; 7 hours from COMM 140, 141, 275, 280, 322, 408, 409; COMO 261, 262, 271; COMT 245, 311.



**Electives:****Remaining Bible:****TOTAL HOURS**

**Minor in Radio/Television:** 19 hours, including COMM 140, 141, 201, 231, 252, and 8 hours selected from 220, 253, 275, 304, 351, 371, 372.

**ORAL COMMUNICATION**

The method most often used for persuasion and information is oral communication. This major sharpens the interpersonal, cross-cultural, and technical skills necessary to use the voice as an effective tool.

**BACHELOR OF ARTS DEGREE  
ORAL COMMUNICATION MAJOR (OCOM)  
(Non Teacher Certification)**

**REQUIREMENTS****General Education (p. 60):****Major:**

Prerequisite: COMO 101 (counted above in General Education)

COMD 250; COMM 201 or 251, 410; COMO 210, 211, 255, 260, 261 or 263, 262, 271, 290; COMT 204; two semesters of co-curricular from COMM 140, 141, COMO 151, 161, 171, 270, COMT 131.

**Minor:****Electives:****Remaining Bible:****TOTAL HOURS**

**BACHELOR OF ARTS DEGREE  
ORAL COMMUNICATION MAJOR (OCOS)  
(Teacher Certification)**

**REQUIREMENTS****General Education (p. 60):**

You must take POLS 205. EDFD 203, required in place of PSY 201, is counted below in the hours required for certification. ANTH 250 or POLS 202 is recommended for global literacy and satisfies the 3-hour additional social science requirement.

**Major:**

COMM 201, 410; COMO 210, 211, 255, 260 or 261, 262, 263; COMT 190, 206, 308, 310, 313; 4 hours from COMM 140, 141, COMO 151, 161, 171, COMT 131.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 431, 451, 480;

1995-1996 Harding University Catalog SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

**TOTAL HOURS**

**Minor in Oral Communication:** 18 hours, including COMD 250 or COMO 290; COMO 210, 211, 260, 262 or 263, 271; COMT 204 or COMO 255; 1 hour from COMM 141, COMO 151, 161, 171 or 270, COMT 131.

**Minor in Oral Communication (for Bible majors):** 18 hours, including COMO 210, 211, 255, 260 or 261, 262 or 263, 271; COMM 140 or 141, 351.

**THEATER**

One of the oldest disciplines, theater mixes the aesthetic with the technical. This major is generally categorized, along with music and art, as one of the performing arts. Students are given freedom of expression to present their creative skills through gentle direction of the program.

**BACHELOR OF ARTS DEGREE  
THEATER MAJOR (THTR)**

**REQUIREMENTS****General Education (p. 60):****Major:**

COMO 255; COMT 190, 204, 206, 245, 308, 310, 312, 313, 451; 9 hours selected from COMT 107/307 (1 hour), 131 (1 hour), 200, 306, 309, 311; COMO 211; ENG 371.

**Minor:****Electives:****Remaining Bible:****TOTAL HOURS**

**Minor in Theater:** 18 hours, including COMT 190, 204, 206; 9 hours selected from COMT 107/307 (1 hour), 131 (1 hour), 200, 245, 255, 306, 308, 309, 310, 311, 312, 450.

**COMMUNICATION DISORDERS (COMD)**

**215. NORMAL SPEECH AND LANGUAGE DEVELOPMENT.** (3) Spring.  
Normal speech and language acquisition and growth from first vocalization to adult grammatical forms. Observation of clinical activity is required.

**250. INTRODUCTION TO COMMUNICATION DISORDERS.** (3) Fall, Summer.  
Common speech, language, and hearing disorders with emphasis on causation. Observation of clinical activity is required.

**275. INTRODUCTION TO SIGN LANGUAGE.** (3) Fall.  
Orientation to deafness and deaf culture, with emphasis on understanding and communicating with the deaf community.



**276. AMERICAN SIGN LANGUAGE I. (3) Spring.**

Analysis of the basic components of American Sign Language including vocabulary and syntax, with emphasis on expressing and receiving basic forms.

**301. COMMUNICATION DISORDERS PRACTICUM I. (3) Spring.**

Twenty-five clock hours of clinical experience in the Harding University Speech Clinic. Designed for beginning clinicians who require maximum supervision. Clinicians must enroll in this practicum or COMD 302 each semester they are engaged in the on-site delivery of clinical services. Two hours of class meeting per week. Prerequisites: COMD 250, 25 hours of clinical observation, and 3.0 GPA. Additionally, student must purchase professional liability insurance from Harding University. Fee: \$19.50.

**302. COMMUNICATION DISORDERS PRACTICUM II. (3) Fall.**

Forty clock hours of clinical experience, including 25 hours earned in COMD 301. Clinicians must enroll in this practicum or COMD 301 each semester they are engaged in the on-site delivery of clinical services. Two hours of class meeting per week. May be taken two times for credit. Prerequisites: COMD 301 and 3.0 GPA. Additionally, student must purchase professional liability insurance from Harding University. Fee: \$19.50.

**325/525. PHONOLOGICAL AND ARTICULATION DISORDERS. (3) Fall.**

Identification, classification, analysis, and remediation of phonological and articulation disorders. Prerequisite: COMO 290.

**326/526. LANGUAGE DISORDERS. (3) Fall.**

Identification and remediation of language disorders. Delayed and disordered language, environmental deprivation, mental retardation, and brain injury. Prerequisites: COMD 215 and 250.

**400/500. ANATOMY AND PHYSIOLOGY OF SPEECH AND LANGUAGE. (3) Fall.**

Normal anatomy and physiology of speech and language. Specific breakdowns in anatomical and physiological functioning resulting in communication disorders. Dissections of the brain and larynx. Prerequisites: COMD 250, 325, 326; BIOL 113.

**401/501. SPEECH AND HEARING SCIENCE. (3) Spring of even years.**

The vocal mechanism, acoustics of voice and sound production, the human ear, and psychoacoustics of audition.

**402/502. AUDIOLOGY. (3) Spring of odd years.**

The anatomy of the hearing mechanism, the process of hearing, tests for impaired functions of the ear, and rehabilitation of the aurally handicapped. Supervised practice in testing hearing. Prerequisite: COMD 250.

**404/504. AURAL REHABILITATION. (3) Spring.**

The handicap of hearing impairment with its habilitation and rehabilitation. Signing, auditory training, and speech reading. Speech conservation, counseling, and the use of amplification. Prerequisite: COMD 250 and 402 or consent of instructor.

**420. SUPERVISED SCHOOL PRACTICUM. (4) Fall, Spring.**

A minimum of 60 clock hours of clinical experience in an approved public school speech therapy program. This practicum experience meets state guidelines for Speech Therapy certification only and is not the equivalent of supervised teaching. Prerequisites: COMD 301, 302, 325, 326, and 3.0 GPA. Additionally, student must purchase professional liability insurance from Harding University. Fee: \$146.25.

**421. SUPERVISED SPEECH PATHOLOGY PRACTICUM. (4) Fall, Spring.**

A minimum of 60 clock hours of clinical experience in an approved clinical speech pathology program. Prerequisites: COMD 301, 302 (2 hours), 325, 326, and 3.0 GPA. Additionally, student must purchase professional liability insurance from Harding University. Fee: \$146.25.

**450/550. INDEPENDENT STUDY. (1-3) Offered with permission of instructor and department chair.**

Independent research in areas of communication disorders such as stuttering, articulatory disorders, and speech and hearing rehabilitation. May be repeated for a maximum of 6 hours total credit in any area.

**MASS COMMUNICATION (COMM)****140. RADIO PRACTICUM. (1) Fall, Spring.**

Staff work on the university radio station. Hands-on experience in equipment operation and production techniques. May be taken two times for credit.

**141. TELEVISION PRACTICUM. (1) Fall, Spring.**

Staff work on the university TV station. Hands-on experience in basic equipment operation and production techniques. May be taken two times for credit.

**201. MASS COMMUNICATION. (3) Fall, Summer.**

Investigation and analysis of the theories of mass communication systems in the United States. Uses and future of all types of mass media and investigation of career options.

**220. PHOTOGRAPHY. (3) Fall, Spring, Summer.**

Still and video photography. Developing and printing, enlarging. Photographic equipment and standard techniques are studied by lecture and laboratory work. Fee: \$40.00.

**230. BROADCAST NEWS WRITING. (3) Fall.**

Broadcast news gathering, writing, and style preparation. Exercises in writing with actual news assignments for KHCA and TV 16. Prerequisite: ENG 111 or equivalent.

**231. BASIC NEWS. (3) Fall.**

Gathering and writing news for the mass media. Writing mechanics, news style, and news value. Prerequisite: ENG 111 or equivalent.

**242. STUDENT PUBLICATIONS PRACTICUM — NEWSPAPER. (1) Fall, Spring.**

Staff duties or other assignments for the student newspaper. Open to majors and nonmajors; no more than two hours credit may be obtained in 242 and/or 243. Prerequisite: COMM 231 or consent of faculty advisor.

**243. STUDENT PUBLICATIONS PRACTICUM — YEARBOOK. (1) Fall.**

Same as for 242 except that work is on yearbook. Prerequisite: COMM 231 or consent of faculty advisor.

**251. MODERN MEDIA TECHNOLOGIES. (3) Spring.**

Current technologies including satellite, cable, fiber optics, and cellular innovations.

**253. FIELD PRODUCTION TECHNIQUES. (2) Fall, Spring.**

Electronic news gathering, electronic field production, and post-production. Set-up and operation of remote production equipment, studio post-production equipment, and editing facilities. Fee: \$40.00.

**275. BROADCAST NEWS REPORTING. (2) Spring.**

Reporting and interviewing techniques for radio and television broadcasting. Student productions are used for on-the-air broadcasts over TV 16 and KHCA. Prerequisite: COMM 230. Fee: \$40.00.

**280. PUBLIC RELATIONS. (3) Fall.**

Principles and philosophies underlying public relationships. Current policies, methods, and media employed by industrial, business, educational, and social organizations.

**301. REPORTING FOR THE PRINT MEDIA. (3) Spring of even years.**

Advanced practice in gathering and writing specialized types of news for print media. Prerequisite: COMM 231.



**302. EDITING FOR THE PRINT MEDIA.** (3) Spring.

Preparation of copy for print media. Copyreading, headline writing, desk work, and page makeup. News values, reader interest, promotion techniques, and editorial problems. Editorial practices of small town dailies and weeklies. Prerequisite: COMM 231.

**303/503. PRINT ADVERTISING.** (3) Fall.

The psychology, theory, and design of advertising with emphasis on print, including newspapers, magazines, billboards, direct mail, brochures, and specialties. Desk-top publishing with hands-on work in the Macintosh Computer Lab. Study of the buying and selling of print advertising.

**304/504. BROADCAST ADVERTISING.** (3) Spring.

A study of the buying and selling of broadcast advertising. Understanding Arbitron, Nielsen, and other rating services; demographic audience analysis. Major project includes writing and implementing an advertising campaign for an actual client using all appropriate media. Prerequisite for advertising majors: COMM 303.

**305. PUBLICATIONS PHOTOGRAPHY.** (2) Spring of even years.

Problems of news coverage by camera, magazine illustration, and communication through the printed photograph. Picture quality, production techniques, and picture editing. Prerequisite: COMM 220 or equivalent. Fee: \$40.00.

**307. FIELD EXPERIENCES IN PUBLIC RELATIONS.** (1) Spring.

Participation in staff duties or other assignments in a student-run public relations agency. Hands-on experience in writing skills, promotion techniques, and agency operation. Prerequisites: COMM 231, 280; ENG 111; and consent of faculty advisor.

**313. FIELD EXPERIENCES IN ADVERTISING.** (1) Spring.

Participation in a student-run advertising agency. Hands-on experience in the planning, design, production, implementation, and evaluation of an advertising campaign for an actual client. Prerequisites: COMM 231, 280, 303, 304, and consent of faculty advisor.

**322/522. TYPOGRAPHY AND GRAPHIC ARTS.** (3) Fall, Spring.

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. WRITING FOR THE MASS MEDIA.** (3) Spring.

Extensive instruction in the writing skills required by all the mass media, with special attention given to three forms of mass media writing: writing to inform, writing to entertain, and writing to persuade. Prerequisite: COMM 231.

**351/551. RELIGIOUS APPLICATIONS OF MEDIA.** (3) Fall of odd years.

Adapting religious messages to the electronic and print media.

**367/567. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**370/570. RADIO AND TELEVISION PROGRAMMING.** (3) Spring of odd years.

Analysis of the programming function of radio and television broadcasting. Investigation of programming philosophies of commercial and public agencies in light of governmental and industry standards. The relationship of programming to total station operation. Uses of programming and some alternatives to present practice. Prerequisite: COMM 251 or consent of instructor.

**371/571. RADIO PRODUCTION AND WRITING.** (3) Fall of even years.

The creation of programs for radio: writing, directing, acting, and effective use of equipment. Application of critical standards to the creative process. Prerequisite: COMM 251 or consent of the instructor.

**372/572. TELEVISION PRODUCTION AND WRITING.** (3) Fall.

Hands-on experience with cameras, audio, lighting, graphics, editing, production, and direction. Work with TV 16. Fee: \$40.00.

**394/594. PUBLIC RELATIONS CASE STUDIES.** (3) Spring of odd years.

Public relations ethics, writing, media relations, and case studies. Prerequisite: COMM 231, 280.

**396/596. PUBLIC RELATIONS CAMPAIGNS.** (3) Spring of even years.

Planning and preparation of publicity material for various media. Application of public relations techniques. Study of current public relations campaigns. Prerequisite: COMM 231, 280.

**408. ADVANCED BROADCAST JOURNALISM.** (3) Fall of even years.

Advanced theory and techniques of broadcast news gathering, writing, and reporting. Spot news coverage, investigative reporting, on-line database research, resumé tape preparation, government and court systems, critical analysis of current media issues, and ethics in journalism. Prerequisite: COMM 275.

**409/509. ADVANCED TELEVISION DIRECTION AND PRODUCTION.** (3) Spring.

Scripting, producing, and directing features, specials, documentaries, and other advanced projects. Includes editing and production techniques. Work with TV 16. Prerequisite: COMM 372. Fee: \$40.00.

**410/510. COMMUNICATION THEORY.** (3) Spring.

Modern theories of communication. Investigation and analysis of major accounts of the nature and practice of communication.

**411. DIRECT MARKETING.** (3) Fall of even years.

A broad perspective of the rapidly developing area of direct marketing. Includes all forms of direct marketing, such as direct mail, telemarketing, interactive TV, broadcast TV, newspaper, magazines, outdoor, and advertising specialties. Production of direct marketing pieces for clients. Prerequisites: COMM 303, 304.

**412/512. COMMUNICATION LAW.** (3) Spring.

The legal and ethical responsibilities and freedoms affecting oral, print, and electronic media, including first amendment principles and the legal and ethical philosophy affecting mass media.

**415/515. THE PRESS AND SOCIETY.** (3) Fall of odd years.

Background of the American press. Examination of problems of editorial freedom, ethics of the press, propaganda, public opinion, and the press in a democratic society. Development and implementation of a personal value system and code of ethics.

**441-445/541-545. INTERNSHIP IN ADVERTISING, PRINT JOURNALISM, PUBLIC RELATIONS, RADIO-TELEVISION, COMMUNICATION MANAGEMENT.** (3) Fall, Spring, Summer.

The internship, supervised in a commercial or educational setting, provides opportunity for observation and practice of fundamentals in a professional setting. An internship paper, approved by the department chairman, is required. Prerequisite: Consent of the department chairman.

**450/550. INDEPENDENT STUDY.** (1-3) Offered by permission of instructor and department chair.

Individual study or research on selected topic of interest to the senior major or graduate student in any of the four areas of mass communication. May be repeated for a maximum of 6 hours credit in any area.

**ORAL COMMUNICATION (COMO)****101. SPEECH COMMUNICATION.** (3) Fall, Spring, Summer.

Instruction and practice in the theory and skills of public and interpersonal communication. 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 communication.



**151. BEGINNING INTERCOLLEGIATE DEBATING.** (1) Fall, Spring.  
Participation in intercollegiate debate competition. May be taken two times for credit.  
Prerequisite: Consent of the debate instructor.

**161. ORAL INTERPRETATION PRACTICUM.** (1) Fall, Spring.  
Adaptation and production of dramatic and nondramatic literature for public representation in an ensemble program or lecture recital. May be taken two times for credit.  
Prerequisite: COMO 255 and consent of the director.

**171. FORENSICS PRACTICUM.** (1-3) Fall, Spring.  
Participation in intercollegiate individual events. May be taken two times for credit.  
Prerequisite: Consent of the forensics instructor.

**210. PUBLIC COMMUNICATION.** (2) Fall of odd years.  
Preparation, delivery, and critical evaluation of prepared speeches. Prerequisite: COMO 101 or consent of instructor.

**211. VOICE AND ARTICULATION.** (2) Fall.  
A drill course for improving the use of the normal speaking voice, articulation, and pronunciation. Exercises, practice projects, and voice recording and evaluation are required.

**255. ORAL INTERPRETATION OF LITERATURE.** (3) Fall.  
Analysis and oral presentation of literary genres including the essay, prose fiction, poetry, and drama.

**260. INTERPERSONAL COMMUNICATION.** (3) Spring of odd years.  
Elements and contexts of interpersonal communication, including self-concept, verbal and nonverbal behavior, conflict, feedback, feelings, and perceptions of others in interpersonal contexts such as small groups and across cultures.

**261. NONVERBAL AND CROSS-CULTURAL COMMUNICATION.** (3) Fall of odd years.  
Major aspects of and variables affecting nonverbal communication with speech emphasis upon the cross-cultural contexts of nonverbal behavior.

**262. SMALL GROUP AND ORGANIZATIONAL COMMUNICATION.** (3) Spring of odd years.  
Theories and methods of group problem solving and organizational communication.

**263. ARGUMENTATION AND PERSUASION.** (3) Fall of even years.  
Major theories of persuasion, the variables which impact on the persuasion process, and the primary contexts in which persuasion occurs in contemporary society.

**270. ADVANCED INTERCOLLEGIATE DEBATING.** (1) Fall, Spring.  
Participation in intercollegiate debate competition. May be taken two times for credit.  
Prerequisite: One year of participation in intercollegiate debate and consent of the debate instructor.

**271. PARLIAMENTARY LAW.** (1) Spring of even years.  
Principles of parliamentary procedure as they apply to the conduct of all types of business and professional meetings.

**290/590. PHONETICS.** (3) Spring.  
Principles of phonetic sciences with practical application of articulatory phonetics and experience in auditory discrimination. Geographical and ethnic dialects. Prerequisite: COMD 250 or COMO 211.

**315/515. LINGUISTICS.** (3) Spring of even years.  
An overview of the study of language. Cognitive dimension of language. Its development and evolution within a social interactive framework.

**450/550. INDEPENDENT STUDY.** (1-3) Offered with permission of instructor and approval of department chairman.

Independent research in oral interpretation, communication theory, rhetoric and public address, phonetics, or speech education. May be repeated for a maximum of 6 hours total credit in any area.

### THEATER (COMT)

**107. DINNER THEATER PRACTICUM I.** (1-4) Summer.

Participation in the Searcy Summer Dinner Theater. Supervised rehearsal and performance or technical production work. May be taken twice for credit. Prerequisite: Negotiation of a credit contract with the director.

**131. THEATER PRACTICUM.** (1-2) Fall, Spring, Summer.

Participation in department productions including Searcy Summer Dinner Theater. Supervised rehearsal and performance or technical production work. May be taken twice for credit. Prerequisite: Negotiation of a credit contract with the director.

**190. ACTING I.** (3) Fall of even years.

Lecture-laboratory in acting methods and techniques.

**200. THEATER MOVEMENT.** (2) Spring of even years.

An activities approach to increasing individual physical theatrical performance skills. The methodology of the course varies by semester. May be taken twice for credit.

**204. THEATER HISTORY I.** (3) Fall of odd years.

A survey of theater history from ancient times to 1700.

**206. TECHNICAL THEATER PRODUCTION.** (3) Spring of odd years.

Technical production and operation including purchasing, sourcing materials, and budgeting. Tool use, construction procedures, lighting techniques, sound equipment, costume shop procedures, and stage management.

**245. MAKEUP FOR TELEVISION AND STAGE.** (2) Spring of odd years.

Principles and application of makeup in a laboratory setting. Design, application, and evaluation of specific techniques for TV and stage. Students must purchase makeup supplies.

**306. CONTEMPORARY DRAMA IN PERFORMANCE.** (3) Spring of even years.

Performance and acting plays for the modern stage. Reading and analysis of modern plays. Performance of scenes from post-realistic plays. Study and application of modern acting styles. Prerequisites: COMT 190 and 204 or consent of the instructor.

**307. DINNER THEATER PRACTICUM II.** (1-4) Summer.

Participation in the Searcy Summer Dinner Theater. Supervised rehearsal performance or technical production work. May be taken twice for credit. Prerequisite: Negotiation of a credit contract with the director.

**308/508. THEATER HISTORY II.** (3) Fall of even years.

A survey of theater history from 1700 to the present.

**309/509. ACTING II.** (3) Spring of odd years.

Application of different styles of acting to period and modern plays for presentation as audition and performance pieces. May be taken twice for credit, but only 3 hours may apply toward the major. Prerequisite: COMT 190.

**310/510. PLAY PRODUCTION.** (3) Fall of odd years.

Lecture-workshop in directing, staging, and producing plays. Student direction of scenes from various styles of scripts. Prerequisites: COMT 190 and 206, or consent of the instructor.

**311/511. LIGHTING FOR TELEVISION AND STAGE.** (3) Spring.

Instrument selection, lamping, electrical control, color media plotting, and design layout. Hanging and operating lights for TV and stage productions. Three class periods and one hour laboratory per week.



**312/512. COSTUME AND SCENE DESIGN.** (3) Spring of even years.

Form and style and the use of elements of design for the stage. Execution of sketches, technical drawings, and renderings or models of costumes and set designs for various styles and historical periods to provide experience in research design and technique. Three class periods and one hour laboratory per week. Students must purchase art supplies.

**313. PLAY PRODUCTION PRACTICUM.** (1) Fall, Spring.

Directing a one-act play or one act of a full-length play. Written documentation of the project is required. Prerequisite: COMT 310 or consent of the instructor and application to the theater faculty.

**367. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

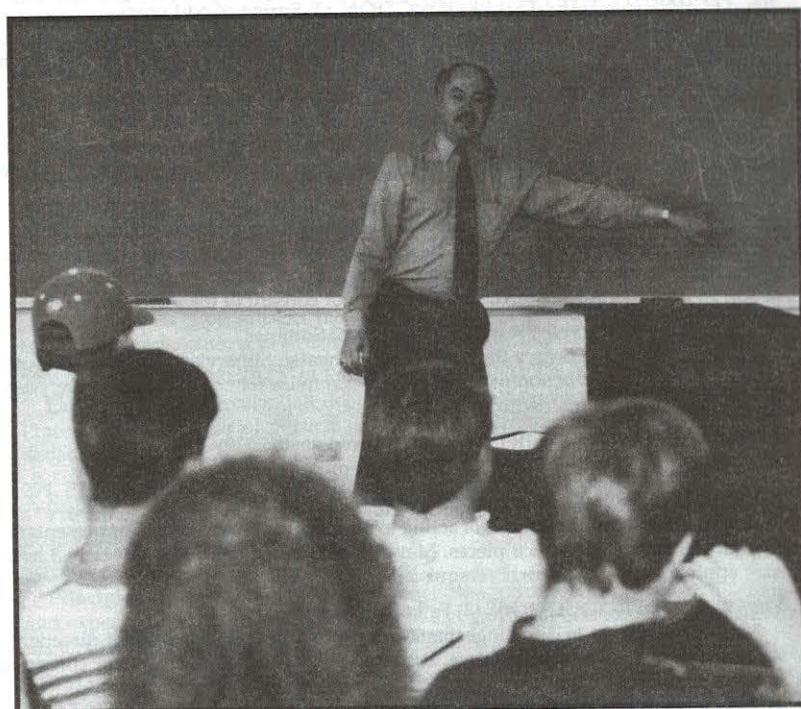
See Cooperative Education catalog section (p. 58).

**450/550. INDEPENDENT STUDY.** (1-3) Offered with permission of instructor and department chairman.

Independent research in acting, directing, technical theater, and other relevant topics in theater. May be repeated for a maximum of 6 hours total credit in any area.

**451. SENIOR SEMINAR.** (1) Fall, Spring, Summer.

A realized theatrical project in the student's area of specialization. Resumé development and presentation of a portfolio. The project proposal must be submitted in writing by spring break of the academic year previous to enrollment and must be approved by the department chairman and the theater faculty.



Associate Professor of Communication Dr. Mike James  
1995 Distinguished Teacher

**DEPARTMENT OF COMPUTER SCIENCE**

CHAIRMAN: Timothy B. Baird, Ph.D.

**PROFESSOR:**

Stephen A. Baber, Ph.D.

**ASSOCIATE PROFESSOR:**

Timothy B. Baird, Ph.D.

**ASSISTANT PROFESSORS:**

John W. Nunnally, M.S.

Ronald T. Pacheco, M.S.

Scott S. Ragsdale, M.S.E.

**ASSISTING FROM OTHER DEPARTMENTS:**

**ASSOCIATE PROFESSORS:**

James Behel, M.B.A.

William W. Ryan, Jr., Ph.D.

Travis Thompson, Ph.D.

The mission of the Department of Computer Science is to:

1. Prepare students for participation in all phases of software development;
2. Provide a foundation of fundamental concepts which will accommodate emerging technologies.

**BACHELOR OF SCIENCE DEGREE  
COMPUTER SCIENCE MAJOR (CSC)**

**REQUIREMENTS**

**General Education (p. 60):**

Do not take MATH 200. Mathematics is counted below in the hours required for the major.

**Major:**

MATH 201, 251, 275, 313, 318; COMP 170, 245, 268, 301, 310, 311, 335, 336, 345, 439, 440; three courses from COMP 305, 320, 328, 367, 430, 445, 446, 449; PHYS 350.

**Leveling Work:**

As a rule, students with ACT math scores 29 and below (O-SAT 630 and below; R-SAT 630 and below) need leveling work before taking MATH 201. Students with ACT math scores between 19 and 24 (O-SAT between 410 and 530; R-SAT between 450 and 550) should take MATH 151 (4 hours) and 152 (2 hours); those with ACT math scores between 25 and 29 (O-SAT between 540 and 630; R-SAT between 560 and 630) should take MATH 171 (5 hours). Leveling work decreases the hours of electives.

**HOURS**

51

61

0-6



**Electives:**

Two hours if maximum leveling is needed (see above); 8 hours if no leveling is needed.

**Remaining Bible:****TOTAL HOURS**

**BACHELOR OF ARTS DEGREE  
COMPUTER SCIENCE MAJOR (CSC)**

**REQUIREMENTS****General Education (p. 60):**

Do not take MATH 200. Mathematics is counted below in the hours required for the major.

**Major:**

MATH 151; COMP 170, 245, 268, 301, 310, 311, 335, 336, 345, 439, 440; two courses from COMP 305, 320, 328, 367, 430, 445, 446, 449; PHYS 350.

**Minor:****Electives:****Remaining Bible:****TOTAL HOURS**

Minor in Computer Science: 18 hours of computer science, including 6 upper-level hours.

**COMPUTER SCIENCE (COMP)**

**150. PROGRAMMING USING C. (3) Fall, Spring.**

A course for those with little or no experience in programming. Algorithmic solutions to basic programming problems. Writing of these solutions in C++. Does not apply toward a CS or CIS major or minor.

**170. SOFTWARE DEVELOPMENT. (5) Fall, Spring.**

Intended primarily for computing majors. Designing and writing modular program solutions using the C++ programming language. Advanced programming concepts such as multi-dimensional arrays, records, pointers, and files. No prior experience in C++ or programming is required.

**245. DATA STRUCTURES. (3) Fall, Spring.**

Major structures used for storing data on computer systems. Strings, stacks, queues, recursion, linked lists, trees, and graphs. Major searching and sorting algorithms. Analysis of algorithms. Prerequisite: 170.

**268. COMPUTER ARCHITECTURE AND ASSEMBLER PROGRAMMING. (3) Spring.**

Machine and assembly language programming with emphasis on computer architecture, data representation, addressing techniques, instruction formats, and logic design. Prerequisite: 170.

**301. SYSTEMS ANALYSIS AND DESIGN. (3) Fall.**

Tools and techniques used in the analysis and design phases of the systems development lifecycle. Enterprise modeling, data modeling, structured modeling tools,

structured design, CASE tools, and prototyping. Development of interpersonal communication skills in group exercises. Prerequisite: 170.

**305. DECISION SUPPORT SYSTEMS. (3) Spring.**

The integration of microcomputer applications for decision support. Topics include advanced spread sheet applications, advanced microcomputer database applications, introduction to rule-based expert systems, and programming techniques for seamless integration of these products. Prerequisite: 245.

**310. OPERATING SYSTEMS CONCEPTS. (3) Fall.**

The historical development and current functions of operating systems. Hardware and software requirements for operating systems which support uniprocessing, multiprocessing, and multiprocessing. Process management, memory management, disk scheduling, performance evaluation, security, and case studies. Prerequisites: 245 and 268.

**311. DATA COMMUNICATIONS AND NETWORKING. (3) Fall.**

Network topology, local area networks, wide area networks, layered protocols, network management, and available network hardware and software. Prerequisites: 245 and 268.

**320. ADVANCED APPLICATIONS PROGRAMMING USING COBOL. (3) Fall.**

Interactive applications using COBOL, including table handling, index searching, internal and external sorting, sequential and random file updating, and data storage methods. Prerequisite: 245.

**328. NUMERICAL METHODS. (3) Spring of even years.**

Computer solutions to mathematical problems, including systems of linear equations, polynomial interpolation, fixed point algorithms, numerical integration, and numerical solutions to differential equations. Prerequisites: 150 or 170; MATH 251 and MATH 313.

**335. FILE STRUCTURES AND ACCESS METHODS. (3) Spring.**

Data structures used for the storage of files and methods of access. Sequential files, direct access files, indexed sequential files, hashing, data compaction, data encryption, tree-structured indices, file-processing subroutine libraries, and file support for database systems. Prerequisite: 245.

**336. DATABASE CONCEPTS AND APPLICATIONS. (3) Spring.**

Applications, requirements, structure, administrator functions, utilities, programming interfaces, data security, data integrity, hierarchical models, network models, relational models, normalization of relations, comparisons of available systems, and future directions. Individual and group projects using a database system. Prerequisite: 245.

**345. OBJECT-ORIENTED PROGRAMMING. (3) Fall.**

Object-oriented programming using the C++ programming language. The object paradigm, classes and methods, data abstraction and encapsulation, polymorphism, single and multiple inheritance, memory management, operator and function overloading, templates, and exception handling. Prerequisite: 245.

**367. COOPERATIVE EDUCATION. (3) Offered on demand.**

See Cooperative Education catalog section (p. 58).

**430. ARTIFICIAL INTELLIGENCE. (3) Fall of even years.**

Concepts and techniques used in the development of intelligent systems. Knowledge representation, game playing, search techniques, heuristics, deduction, learning, natural language processing, rule-based expert systems, constraint exploitation, and an appropriate programming language such as LISP or PROLOG. Prerequisite: 245.



**439. COMPUTING SEMINAR.** (1) Fall, Spring.

A weekly seminar required of all junior and senior computing majors. Credit may be taken only once. Enrolled students will be required to research and present a paper on a topic approved by the instructor. Includes presentations by faculty and invited speakers relative to ethics and current issues in computing. Prerequisite: Senior status.

**440. CS SOFTWARE DEVELOPMENT PROJECT.** (3) Spring.

The capstone course for computer science majors. Development of a computer application in a simulated on-the-job environment through the analysis, design, programming, and testing phases of the software life cycle. Prerequisite: All other courses required by the major or consent of instructor.

**441. CIS SOFTWARE DEVELOPMENT PROJECT.** (3) Spring.

The capstone course for computer information systems majors. Development of a computer application in a simulated on-the-job environment through the analysis, design, programming, and testing phases of the software life cycle. Prerequisite: All other courses required by the major or consent of instructor.

**445. GRAPHICAL USER INTERFACE PROGRAMMING.** (3) Spring of even years.

Software development under event-driven, graphical user interface environments. Messaging, event-driven programming, window creation and management, window procedures, graphical resources, dialog boxes, CUA interfaces, device independence, printing, object linking and embedding, multiple document interfaces, object-based class libraries, and developing and integrating online help. Prerequisite: 245.

**446. COMPUTER GRAPHICS.** (3) Fall of odd years.

Mathematical and programming techniques central to computer graphics, including scaling, transformations, translations, rotations, reflections, projections, windowing, rendering, generated surfaces and hidden surface removal. Prerequisites: 245 and MATH 313.

**449. ALGORITHM ANALYSIS AND DESIGN.** (3) Offered on sufficient demand.

Classification of algorithms. Complexity and computing requirements, including efficiency, greedy algorithms, divide and conquer algorithms, dynamic programming, graph algorithms, probabilistic algorithms, and computability theory. Prerequisites: 245 and MATH 251.

**450. INDEPENDENT STUDY.** (1-3) Offered on demand.

**PROFESSORS:**

Rodger Lee Brewer, Ph.D.

Gary D. Elliott, Ph.D.

Vice President for University Advancement

Kenneth W. Hammes, Ph.D.

Alice K. Jewell, M.A.

Larry Long, Ph.D.

Director of the Honors Program

Duane McCampbell, Ph.D.

Dennis M. Organ, Ph.D.

Charles Pittman, M.A.

Director of the Writing Center

Eugene Underwood, Ed.D.

**ASSOCIATE PROFESSORS:**

John E. Williams, Ph.D.

Ray Wright, D.A.

**INSTRUCTORS:**

\*Priscilla Ann Brown, M.S.E.

Kayla Haynie, M.A.

**LECTURER:**

Curt Baker, M.Ed.

**ASSISTING FROM OTHER DEPARTMENTS:**

**PROFESSORS:**

Betty Work Watson, Ed.D.

Dorothy S. Wright, Dr. de l'Université

\*On leave of absence

The mission of the Department of English Language and Literature is to:

1. Develop the rhetorical and critical thinking skills necessary for proficiency in reading and writing;
2. Develop effective written expression;
3. Build an appreciation for literature as both aesthetic expression and a reflection of the progressive development of human culture, thought, and ideals;
4. Prepare students for careers in teaching, writing, or other fields in which English language skills are valued;
5. Demonstrate the importance of reading literature within a spiritual context and of applying Christian values to written communication.



**BACHELOR OF ARTS DEGREE  
ENGLISH MAJOR (ENG)  
(Non Teacher Certification)**

**REQUIREMENTS**

**General Education (p. 60):**

You must take 6 hours of modern foreign language for global literacy.

**Major:**

ENG 231, 251, 252, 271, 272, 281, 422; 15 additional hours, including at least 9 from 360, 370, 371, 380, 390, 400, 402, 404, 408, 409, 411, 415, 418, 425, and no more than 6 from 291, 311, 322, 420; 8 additional hours of modern foreign language.

**Minor:**

A minor requires 18 hours. These may be reduced by hours taken in general education or Bible, thus increasing the number of electives.

**Electives:**

**Remaining Bible:**

**TOTAL HOURS**

**HOURS**

54

42

up to 18

6

8

128

**BACHELOR OF ARTS DEGREE  
ENGLISH MAJOR (ENGC)  
(Teacher Certification)**

**REQUIREMENTS**

**General Education (p. 60):**

EDFD 203, required in place of PSY 201, is counted below in the hours required for certification. The 6-hour global literacy requirement is satisfied by 8 hours of modern foreign language, counted below in the major.

**Major:**

ENG 231, 251, 252, 271, 272, 281, 322, 420, 422; 9 additional hours, including at least 6 from 360, 370, 371, 380, 400, 402, 404, 408, 409, 411, 415, 418, 425, and no more than 3 from 291, 311, 390; 8 hours of modern foreign language.

**Minor:**

**Certification:**

EDFD 201, 203, 307, 309, 320; SPED 418; SEED 308, 417, 423, 451, 480; H ED 203; 3 additional hours of social science. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

**TOTAL HOURS**

**HOURS**

45

42

up to 18

35

6

128-146

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Both English majors also require a senior project. During your senior year you must designate one 300-or 400-level course in which you must prepare an in-depth research paper or project in lieu of one paper or project normally required in the course. Oral presentations of these projects are given at a departmental forum each semester.

**Minor in English:** 18 hours, including 111, 201 or 202, 211, and 6 hours of upper-level work.

**Minor in Writing:** 18 hours, including 111, 211, 281, 291, and 6 hours elected from 311, 322, 422, COMM 323 and 410, and BUS 350.

**Minor in Linguistics:** 18 hours, including one year of modern foreign language; COMO 290; ENG 422; 6 hours selected from ENG 322, 370, and either ENG, FR, or SPAN 450.

**English as a Second Field:** Students certifying to teach in a major field who wish to add English as a second field must complete 24 hours of English, including 251, 252, 271, 272, 281, 322, and 6 hours of elective work in English numbered 201 or higher (ENG 211 excluded).

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, COMO 151, 263 and COMM 142, 143 are also desirable electives. COMO 255 is also a useful elective for prospective English teachers.

**ENGLISH (ENG)**

**099. BASIC ENGLISH AS A SECOND LANGUAGE. (3-6) Fall.**

Based on placement tests at entrance, students for whom English is a second language may be required to take this intensive course before qualifying for ENG 101 or a higher freshman composition course. Does not count toward graduation.

**100. BASIC ENGLISH. (3) Fall, Spring.**

Grammar and composition skills. Required for students who have no credit in college composition and who scored 18 or below on the ACT English examination (350 or below on the SAT verbal exam). Does not count toward a major or minor or the general education requirement in composition. Fee: \$16.50.

**101. ENGLISH AS A SECOND LANGUAGE. (3) Fall, Spring.**

Designed for students for whom English is not the native language. English word formation, grammatical agreement, spelling, and phonetic distinction needed for adequate listening, speaking, reading, and writing in college-level English. Fee: \$16.50.

**111. COMPOSITION I. (3) Fall, Spring.**

College-level paragraph and essay writing. Library orientation and grammar review. Prerequisite: ENG 100, or 19 or above on the ACT English examination (360 or above on the SAT verbal examination).

**201. WORLD LITERATURE I. (3) Fall, Spring.**

Writers from ancient times through the Renaissance whose ideas are representative of concepts, movements, or creative expressions that have had significant impact upon western culture.

**202. WORLD LITERATURE II. (3) Fall, Spring.**

Writers from the Neoclassic Age to the present whose ideas are representative of concepts, movements, or creative expressions that have had significant impact upon western culture.



**211. COMPOSITION II.** (3) Fall, Spring.

Builds on skills developed in Composition I with emphasis on critical reading, thinking, and writing. Research paper required. Prerequisite: ENG 111.

**231. LITERARY STUDY.** (1) Spring.

An overview of literary studies, including library resources, literary terminology, critical approaches, and film as literature.

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

Intensive practice in writing for students who have major deficiencies in English grammar and composition. Satisfies the institutional English proficiency requirement. Open only to juniors and seniors. Does not count toward the major or minor in English.

**251, 252. BRITISH LITERATURE.** (3, 3) Fall, Spring.

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.

Developments and significance of American literature, with its historical, social, and philosophical backgrounds from the beginning to present times.

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

Advanced development and polishing skills in writing, particularly expository and argumentative prose. Work in the Writing Center required one hour per week.

**291. BUSINESS AND PROFESSIONAL WRITING.** (3) Spring of odd years. Alternates with 311.

For students in all disciplines. Writing practice in expository prose and report writing while examining style and writing theory. Polishing of research projects from individual disciplines.

**311. CREATIVE WRITING.** (3) Spring of even years. Alternates with 291.

Emphasizes the production of poetry and fiction in a workshop format.

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

Designed particularly for students who plan to teach English. Principles of English grammar including functional linguistics, comparative grammars, and syntax.

**350. CHILDREN'S LITERATURE.** (3) Fall, Spring.

Types and sources of children's literature. Extensive reading necessary to acquaint prospective teachers with the wealth of material available in the field. Procedures in the teaching of literature to children. Does not count toward the major or minor. Prerequisite: EDFD 203.

**360/560. AMERICAN POETRY.** (3) Summer. Offered on sufficient demand.

Poets studied in detail vary from year to year. May be repeated with the consent of the department chairman.

**367/567. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**370/570. OLD AND MIDDLE ENGLISH LITERATURE.** (3) Fall. Offered on sufficient demand.

British literature with emphasis on Chaucer.

**371/571. SHAKESPEARE.** (3) Spring. Offered on sufficient demand.

Shakespeare's development as a dramatic artist and as an interpreter of humanity, with attention given to the resourcefulness of his language and the penetration of his thought.

1995-1996 Harding University Catalog 390/580. RENAISSANCE AND SEVENTEENTH-CENTURY BRITISH LITERATURE.

(3) Fall. Offered on sufficient demand.

Excluding Shakespeare, study of major British writers of the period, including sonneteers, dramatists, Spenser, Donne, and Milton.

**390. FILM AS LITERATURE.** (3) Spring. Offered on sufficient demand.

Film as a collaborative art form. Elements that combine to make film a unique entity drawing from the worlds of literature, drama, photography and art to define its medium.

**400/500. RESTORATION AND NEOCLASSIC LITERATURE.** (3) Summer. Offered on sufficient demand.

An in-depth period study with major attention given to Dryden, Pope, Swift, and Johnson.

**402/502. BRITISH ROMANTIC POETRY.** (3) Summer. Offered on sufficient demand.

The poetry of Wordsworth, Coleridge, Keats, Shelley, and Byron.

**403/503. STUDY IN LITERATURE OR COMPOSITION.** (3) Offered on sufficient demand.

Specialized study of the literature of a particular author or field, or advanced study in composition. May be repeated with the consent of the department chairman. Extra fee, subject to change, may be charged for special costs of course. Prerequisite: Consent of the department chairman.

**404/504. VICTORIAN POETRY.** (3) Summer. Offered on sufficient demand.

Tennyson, Browning, and lesser poets of the Victorian period.

**408/508. AMERICAN SHORT STORY.** (3) Spring of even years. Alternates with 411/511.

Careful reading and explication of a favorite genre.

**409/509. BRITISH SHORT FICTION.** (3) Fall. Offered on sufficient demand.

Short stories and/or novellas of British authors.

**411/511. AMERICAN NOVEL.** (3) Spring of odd years. Alternates with 408/508.

Development of the American novel from its early instances to the present. Varies from year to year and may be repeated with the consent of the department chairman.

**415/515. MYTHOLOGY, FOLK TALES, AND ETHNIC LITERATURE.** (3) Summer. Offered on sufficient demand.

Designed primarily for teachers in secondary schools. Includes units on folklore, mythology, and minority literature.

**418/518. BRITISH NOVEL.** (3) Fall. Offered on sufficient demand.

Development of the British novel from its early instances to the present time. Varies from year to year and may be repeated with the consent of the department chairman.

**420/520. LITERATURE FOR ADOLESCENTS.** (3) Fall.

Individual titles and characteristics of young adult literature. Includes an overview of the history of young adult literature, an analysis of individual titles, an extensive annotated bibliography, and methods for developing materials for use in grades 6-12.

**422/522. NATURE AND HISTORY OF LANGUAGE.** (3) Spring.

Principles of linguistic analysis, history of language study, development of English, functions and varieties of language in society, establishment of standards.

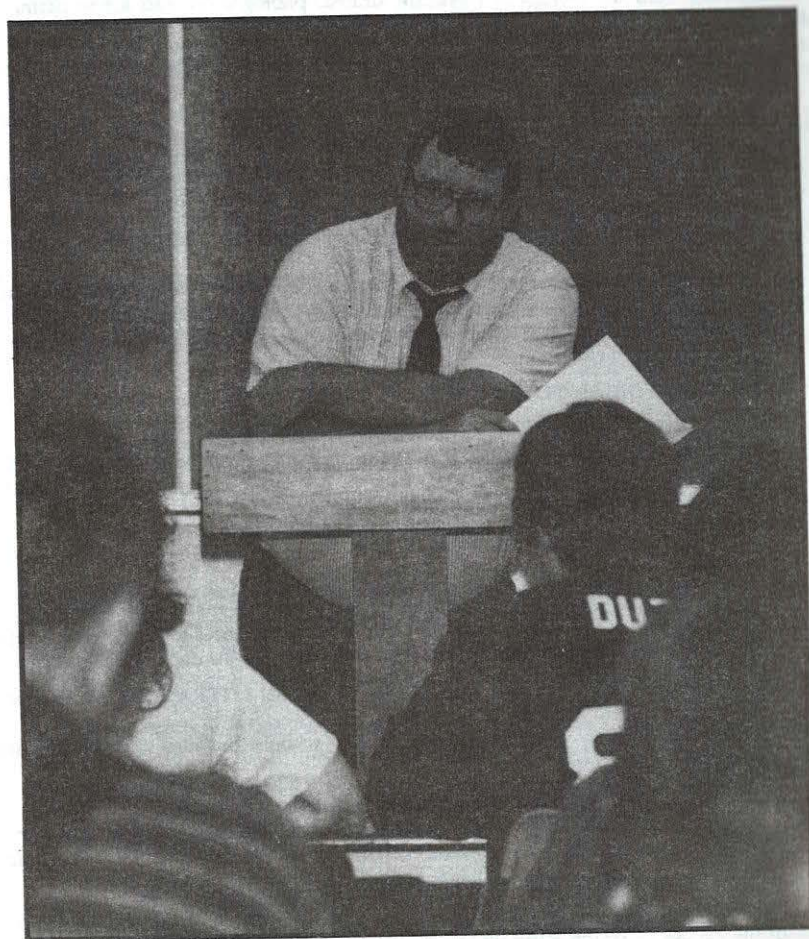
**425. LITERARY CRITICISM.** (3) Fall. Offered on sufficient demand.

Major critics and theory from Plato to post-structuralism, with emphasis on 20th-century developments.



**450. INDEPENDENT STUDY.** (1-3) Offered on demand.

A project for senior students majoring in English. Prerequisite: Consent of the instructor and the department chairman.



Professor of English Dr. Rod Brewer  
1995 Distinguished Teacher

**DEPARTMENT OF FAMILY AND CONSUMER SCIENCES**

CHAIR: Elizabeth K. Wilson, Ed.D., C.F.C.S.

**PROFESSORS:**

Sharen Crockett, M.S., C.F.C.S.

Curriculum Director of Harding Early Learning Center

Elizabeth K. Wilson, Ed.D., C.F.C.S.

**ASSOCIATE PROFESSOR:**

Ellen Daniel, Ed.D., C.F.C.S.

**INSTRUCTOR:**

Terri Rine, M.Ed.

**LECTURER:**

Lisa Ritchie, M.S.E., R.D., L.D.

Director of Didactic Program in Dietetics

The basic philosophy of Family and Consumer Sciences is to improve the quality of life for individuals and families. To this end, Family and Consumer Sciences encompasses an interdisciplinary knowledge base which comprises child development and family relations; family resource management; food, nutrition, dietetics, and hospitality management; family and consumer sciences education; art and interior design; and textiles, clothing, design, and merchandising.

Consistent with the profession of family and consumer sciences, the standards of the American Association of Family and Consumer Sciences, and the mission of Harding University, the mission of the Department of Family and Consumer Sciences is to:

1. Prepare individuals with a strong faith in God;
2. Prepare Christian professionals for careers in specializations directly related to the family or derived from the functions of the family;
3. Prepare individuals with a commitment of service to others;
4. Prepare individuals committed to contributing to the quality of life for all individuals and families;
5. Develop each individual to his or her greatest potential with the knowledge and skills for living a productive and rewarding life.

The Didactic Program in Dietetics is based upon the philosophy that optimal nutrition is essential for the health and well-being of every person. Likewise, the program recognizes that societal needs are best served by having a population that is adequately nourished. Thus the purpose of the program is to prepare individuals with a unique combination of knowledge and skills conducive to helping individuals and society meet their nutritional needs.

The mission of the Didactic Program in Dietetics is to:

1. Provide students with a comprehensive knowledge of the interrelationships of food, nutrition, and health based upon the integration of principles from a variety of disciplines;



2. Provide students interested in the dietetics profession with an American Dietetic Association (ADA) Approved Didactic academic program in preparation for entrance into a dietetic internship or an Approved Preprofessional Practice Program (AP4);
3. Provide students interested in the food service systems management and nutrition-related professions with knowledge, skills, and training in areas of food, nutrition, and management;
4. Prepare students interested in graduate study with the knowledge and skills for completion of advanced degree programs.

The Didactic Program in Dietetics is currently granted approval status by the American Dietetic Association Council on Education Division of Education Accreditation/Approval, a specialized accrediting body recognized by the Council on Postsecondary Accreditation and the United States Department of Education.

The Harding Early Learning Center provides learning experiences in the areas of dramatics, block play, library, music, creative art, food preparation, and rest. The facility includes an isolation area, restrooms, conference room, observation booths, and an outdoor playground. The center is licensed by the Arkansas Department of Human Services as a day-care center.

The department offers the bachelor of arts degree with majors in family and consumer sciences, fashion merchandising, and child development. The bachelor of science degree includes majors in vocational family and consumer sciences (certification and non-certification), dietetics, and interior design. A minor in family and consumer sciences is also offered.

All departmental majors except Dietetics require an 18-hour core consisting of:

FCS 100	1 hour
FCS 101	3 hours
FCS 102, 201, or 331	3 hours
FCS 251	3 hours
FCS 323	3 hours
FCS 391	3 hours
FCS 403	2 hours
FCS 400	0 hours
	18 hours

#### **BACHELOR OF ARTS DEGREE FAMILY AND CONSUMER SCIENCES MAJOR (FCS)**

REQUIREMENTS	HOURS
General Education (p. 60):	54
Major:	37
FCS 100, 101, 251, 323, 391, 400, 403, 404; 6 hours from FCS 102, 201, 331; 6 hours from FCS 203, 405, 406, 407; COAP 101; 6 hours of upper-level FCS electives.	
Minor:	18

#### **Electives:**

This degree may include leveling work, which decreases the hours of electives.

Remaining Bible:

**TOTAL HOURS**

Minor in Family and Consumer Sciences: 18 hours in family and consumer sciences including 6 upper-level hours.

#### **BACHELOR OF ARTS DEGREE FASHION MERCHANDISING MAJOR (FMER)**

REQUIREMENTS	HOURS
General Education (p. 60):	51
You must take BIOL 113, MATH 200, ECON 201. ECON 201 is counted below in the hours required for the major.	
Major:	63
FCS 100, 101, 203, 251, 260, 267, 303, 304, 305, 323, 391, 400, 403; FCS 102, 201, or 331; ACCT 205; BUS 315, 350; ECON 201; MGT 368; MKTG 330, 337; PR S 336; COAP 101.	
Electives:	6
This degree may include leveling work, which decreases the hours of electives.	
Remaining Bible:	8
<b>TOTAL HOURS</b>	128

#### **BACHELOR OF ARTS DEGREE CHILD DEVELOPMENT MAJOR (HECD)**

REQUIREMENTS	HOURS
General Education (p. 60):	49
You must take BRED 234, MATH 200, SOC 203, BIOL 113. BRED 234 and SOC 203 are counted below in the hours required for the major.	
Major:	58
FCS 100, 101, 251, 267, 322, 323, 331, 391, 400, 403, 425, 430; SWK 399; ENG 350; ART 211; MUS 116; SOC 203, 410; COAP 101; H ED 202; BRED 234, 331 (2 hours each).	
Electives:	15
This degree may include leveling work, which decreases the hours of electives.	
Remaining Bible:	6
BRED 331 is counted above in hours required for the major.	
<b>TOTAL HOURS</b>	128



**BACHELOR OF SCIENCE DEGREE  
VOCATIONAL FAMILY AND CONSUMER SCIENCES MAJOR (FCSN)**  
(Non Teacher Certification)

**REQUIREMENTS**

**General Education (p. 60):**

You must take MATH 200, BIOL 113; FCS 323 in place of PSY 201. These are counted below in the hours required for the major.

Do not take PH S 116.

**Major:**

FCS 100, 101, 102, 201, 203, 251, 303 or 304, 322, 323, 331, 391, 400, 403, 404, 405, 406, 407, 430; MATH 200; BIOL 113.

**Electives:**

This degree may include leveling work, which decreases the hours of electives.

**Remaining Bible:**

**TOTAL HOURS**

**HOURS**

45

52

23

8

128

**BACHELOR OF SCIENCE DEGREE  
VOCATIONAL FAMILY AND CONSUMER SCIENCES  
EDUCATION MAJOR (FCSV)**  
(Teacher Certification)

**REQUIREMENTS**

**General Education (p. 60):**

You must take MATH 200, BIOL 113, POLS 205, ART 101; PH S 111, 112, 113, or 115 (not 116); FCS 323 in place of PSY 201/ EDFD 203.

**Major:**

FCS 100, 101, 102, 201, 303 or 304, 203, 251, 322, 323, 331, 391, 400, 401, 403, 404, 405, 406, 407, 430; ART 101; CHEM 114; MATH 200; BIOL 113; PH S 111, 112, 113, or 115; POLS 205.

These hours may include leveling work, which increases the total hours in the degree.

**Certification:**

EDFD 201, 307, 309, 320; SEED 308, 417, 424, 451, 480; SPED 418; H ED 203.

Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

In accordance with Arkansas standards for certification in Vocational Family and Consumer Sciences, this major includes 47 hours of family and consumer sciences specialization; 12 hours of English; 13 hours of biological science, physical science, and mathematics; 12 hours of social studies; 6

**HOURS**

40

62

29

6

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hours of physical education; 2 hours of art; and 26 hours of professional education. Four hours of methods in teaching vocational family and consumer sciences (including history and philosophy of vocational education, occupational family and consumer sciences, and methods of teaching middle school family and consumer sciences), and 8 hours of directed teaching in vocational family and consumer sciences is provided.

**TOTAL HOURS**

137

**BACHELOR OF SCIENCE DEGREE  
DIETETICS MAJOR (DIET)**

**REQUIREMENTS**

**General Education (p. 60):**

You must take MATH 200, BIOL 113, POLS 205, PSY 201.

These are counted below in the hours required for the major.

Do not take PH S 111, 112, 113, 115, 116. The general education requirement for PH S is satisfied by CHEM 114, also counted below in the hours required for the major.

**Major:**

FCS 100, 102, 201, 300, 331, 370, 380, 415, 420, 431, 433, 434, 435, 436, 445, 460; 6 hours of FCS electives; BIOL 113, 271; CHEM 114, 115, 271, 324; COAP 101; MATH 200; SOC 203; PSY 201; POLS 205.

**Remaining Bible:**

**TOTAL HOURS**

**HOURS**

39

84

8

131

**BACHELOR OF SCIENCE DEGREE  
INTERIOR DESIGN MAJOR (HEID)**

**REQUIREMENTS**

**General Education (p. 60):**

**Major:**

FCS 100, 101, 203, 246, 251, 260, 323, 391, 403, 405, 406, 407, 471, and 3 hours from 102, 201, 331; ART 102, 117, 260, 370, 372, 373; 3 hours from MKTG 330, 337, PR S 336; ACCT 205; COMM 220 or COAP 101.

**Electives:**

These hours may include leveling work, which decreases the hours of electives and may increase the total number of hours in the degree.

**Remaining Bible:**

**TOTAL HOURS**

**HOURS**

54

64

2

8

128



**100. FAMILY AND CONSUMER SCIENCES AS A PROFESSION.** (1) Fall, Spring.  
Family and consumer sciences basic concepts, underlying principles and theories, contemporary issues, and areas of specialization. Exploration of educational and professional preparation for careers within the profession.

**101. CLOTHING CONCEPTS AND CONSTRUCTION.** (3) Fall, Spring.  
Family clothing selection. Cutting, pressing, and constructing selected garments, using a variety of fabrics. Interpretation of commercial patterns. Sewing machine maintenance. Choice of ready-made clothing and recognition of good fashion designs. Two hours lecture and 3 hours laboratory per week.

**102. FOOD SCIENCE.** (3) Fall, Spring.  
Selection and preparation of foods. Study of food components, market standards for products, grades, labeling, and consumer responsibility in the economic system. Laboratory experiences provide application of scientific principles to food preparation and service. Two hours lecture and 3 hours laboratory per week.

**201. MEAL MANAGEMENT.** (3) Spring.  
Meal planning for the family, stressing nutrition, organization of work, food costs and budgeting, marketing, meal preparation, and table service for all occasions. Two hours lecture and 3 hours laboratory per week.

**203. TEXTILES.** (3) Fall.  
Problems in consumer textiles; selection, maintenance, and service ability of fabrics for clothing and home furnishings; characteristics of fibers, fabrics, and finishes; laboratory study of selected fabrics. Two hours lecture and 3 hours laboratory per week.

**246. INTERIOR DESIGN PRACTICUM.** (1) Fall, Spring, Summer.  
Guided experiences in an interior design firm, studio, retail store, or community service organization. Prerequisites: Consent of the instructor. Purchase of professional liability insurance through Harding University.

**251. FAMILY RELATIONSHIPS.** (3) Fall.  
Marriage and family relationships and issues, including successful relationship development, family life stages, and strategies for coping with family crisis. Techniques and resources for family life enrichment are included as classroom learning experiences.

**260. VISUAL MERCHANDISING AND DISPLAY TECHNIQUES.** (3) Fall.  
Current trends in merchandise presentation; display planning, execution, coordination, and evaluation.

**267. FIELD EXPERIENCE.** (1-3) Fall, Spring, Summer.  
A planned experience allowing students to expand formal classroom theory into practical, career-related work. Prerequisite: Purchase of professional liability insurance through Harding University.

**300. DIETETICS PRACTICUM.** (1) Fall.  
A guided experience in a clinical setting such as a hospital, medical clinic, or community service agency. Prerequisites: Consent of the dietetics program director. Purchase of professional liability insurance through Harding University.

**303. ADVANCED CLOTHING DESIGN.** (3) Spring of odd years. Alternates with 304.  
An extension of FCS 101 involving more extensive skills in clothing design and construction. Individual planning and execution of the development of a limited collection of apparel culminating in a simulated "mini" market; ready-to-wear apparel analysis. Experiential activities including involvement with a regional apparel mart. Two hours lecture and 3 hours laboratory per week. Prerequisite: 101 or consent of the instructor.

Basic and intermediate experience with computer-aided design software. Application of AutoCAD and ApparelCad to fashion illustration, drafting, flat pattern design, grading, alterations, marker making, and fabric surface design. Construction of garments from students' original pattern designs. Prerequisites: FCS 101 and COAP 101, or consent of the instructor.

**305. FASHION AND TEXTILE MERCHANDISING.** (3) Fall.  
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 3 hours participation in Harding Early Learning Center per week. Prerequisite: Current TB card.

**323. LIFESPAN HUMAN DEVELOPMENT.** (3) Fall, Spring.  
The physical, mental, emotional, social, and aesthetic development of the individual over the life cycle. Two hours lecture and 3 hours participation in Harding Early Learning Center per week. Prerequisite: Current TB card.

**331. HUMAN NUTRITION.** (3) Fall, Intersession.  
Normal nutrition and metabolism, food values, and requirements for maintenance and growth.

**367. COOPERATIVE EDUCATION.** (1-6) Offered on demand.  
See Cooperative Education catalog section (p. 58).

**370/570. NUTRITION IN THE LIFE CYCLE.** (3) Fall of even years. Alternates with 380/550.

Nutrient needs for various stages of the life cycle. Techniques of assessment and nutritional intervention strategies at each life cycle stage. Prerequisite or corequisite: 331.

**380/580. COMMUNITY NUTRITION.** (3) Fall of odd years. Alternates with 370/570.  
Nutrition care delivery in community programs. Principles of assessment, planning, implementing, intervention, and evaluation of nutrition services. Prerequisite or corequisite: 331.

**391. CONSUMER EDUCATION.** (3) Fall.  
The interaction of the consumer and the economic system, including consumer problems, protection, and representation. Application of decision-making procedures to current issues and problems which confront the consumer of goods and services in the marketplace.

**400. SENIOR SEMINAR.** No credit. Required of all seniors both semesters of the senior year.

Resumé writing, interviewing, career opportunities, job applications, graduate school opportunities, and management training opportunities.

**401. TEACHING VOCATIONAL FAMILY AND CONSUMER SCIENCES.** (1) Fall.  
The history and basic philosophy of vocational family and consumer sciences (including occupational family and consumer sciences) and its place in the total educational program of the school and community.

**403. RESOURCE MANAGEMENT.** (2) Fall.  
The principles, theories, and functions of management as related to individual and family living. Managerial aspects of behavior, including decision-making, goal-setting, planning, stress management, time, money, and energy resources. Prerequisite or corequisite: 404.



**404. HOME MANAGEMENT LABORATORY. (1) Fall.**

Laboratory application of principles and concepts of management to individual and family living. Analysis of home management problems, the decision-making process, implementation of decisions, and evaluation of the management process. Prerequisite or corequisite: 403.

**405/505. HOME TECHNOLOGY. (3) Spring.**

The selection and management of residential equipment, lighting, heating and cooling systems. Electricity, gas, electronics, and refrigeration as they relate to the operation of equipment and the design of lighting and indoor climate control systems.

**406/506. HOME FURNISHINGS. (3) Fall of even years. Alternates with 407/507.**

The components of interior design, including floor coverings, wall and window treatments, furniture, and accessories. Home furnishings merchandising with field trips to markets and presentations by company representatives. Laboratory experiences in designing, arranging, and refurbishing furnishings and accessories.

**407/507. HOUSING. (3) Fall of odd years. Alternates with 406/506.**

Evaluation of housing types, plans, and storage. Family and individual needs, social aspects, zoning, government regulations, energy conservation, owner options and responsibilities, and leasing. Laboratory experiences include field trips to housing sites. Two hours lecture and 3 hours laboratory per week.

**415/515. NUTRITION EDUCATION. (3) Spring of odd years. Alternates with 434/534.**

Principles of nutrition education and effective methods of teaching nutrition in community, worksite, and health care settings. Processes of assessing educational needs, developing educational goals and objectives, implementing educational plans, and evaluating educational outcomes. Prerequisite: 331.

**420/520. NUTRITION IN DISEASE. (3) Spring of odd years. Alternates with 431/531.**

Biochemical and physiological conditions which require modification of the normal diet as a part of the therapeutic management of a patient. Role of the dietitian as a member of the health care system. Prerequisites: 102, 201, 331, and CHEM 114-115.

**425/525. ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS. (3) Fall.**

Housing and equipment, financing, staffing, program development, records, health protection, school planning, and organization. Prerequisite: Three hours in child development.

**430/530. PARENTING. (3) Spring.**

The major objectives and underlying guidance principles in parent-child relations. Evaluation of parent-guidance endeavors.

**431/531. ADVANCED NUTRITION. (3) Spring of even years. Alternates with 420/520.**

Advanced study in nutrition and metabolism. Recent advances in the field of clinical nutrition. Prerequisites: 331 and CHEM 324.

**433/533. ADVANCED FOOD SCIENCE. (3) Fall of even years. Alternates with 445/545.**

Components of food materials and the physical and chemical systems characteristic of food products. The scientific method for solving major food problems is stressed, including objective and sensory evaluation of new commercial food products. An original research project is required. Two hours lecture and 3 hours laboratory per week. Prerequisites: 102; CHEM 271 or 301.

**434/534. FOOD SERVICE PURCHASING. (2) Spring of even years. Alternates with 415/515.**

Principles of procurement in food service systems. Food and equipment specifications, receiving, maintenance, and financial management.

**435/535. QUANTITY FOOD PRODUCTION. (3) Spring of even years. Alternates with 436/536.**

Food service systems, including menu planning, quality assurance, volume food production, distribution, and services. Two hours lecture and 3 hours laboratory per week.

**436/536. FOOD SERVICE SYSTEMS MANAGEMENT. (3) Spring of odd years. Alternates with 435/535.**

The organization and management of food service systems. Planning, organizing, human resource management, and fiscal resource management. Two hours lecture and 3 hours laboratory per week.

**445/545. FOOD AND NUTRITION SERVICES MERCHANDISING. (3) Fall of odd years. Alternates with 433/533.**

Merchandising and promoting food and nutrition services, including market research, development of products and services, and promotion of products and services.

**450/650. INDEPENDENT STUDY. (1-3) Offered on demand.**

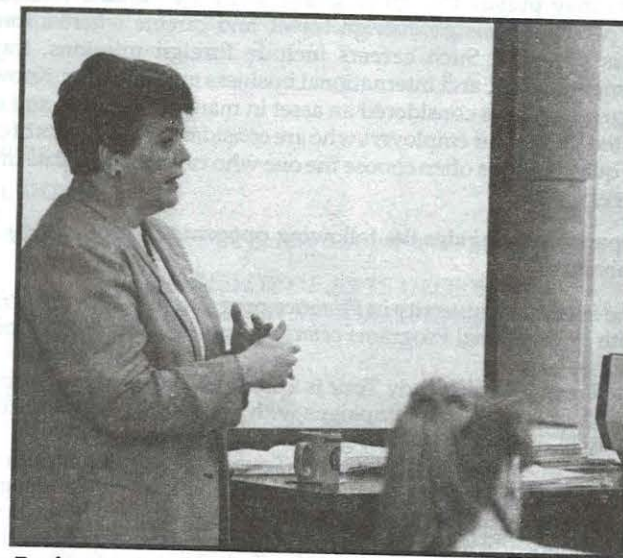
Course content is adapted to specific needs of seniors and graduate students. May be repeated for a maximum of 6 hours credit in any area. Prerequisite: Consent of instructor and department chair.

**460/560. DIETETICS SEMINAR. (1) Spring.**

The laws, regulations, and standards affecting dietetic practice, including professional development, roles, ethics, and performance in nutrition practice. Prerequisite: Consent of the dietetics program director.

**471. INTERIOR DESIGN INTERNSHIP. (3) Fall, Spring, Summer.**

A supervised internship which simulates the responsibilities and duties of a practicing professional. On-the-job experience in an interior design firm, studio, retail store, community service organization, architectural firm, museum, or trade showroom. Prerequisites: Consent of the instructor. Purchase of professional liability insurance through Harding University.



Professor of Family & Consumer Sciences Dr. Beth Wilson  
1995 Distinguished Teacher



**DEPARTMENT OF FOREIGN LANGUAGES  
AND INTERNATIONAL STUDIES**  
CHAIRMAN: Winfred O. Wright, Dr. de l'Université

**DISTINGUISHED PROFESSOR:**  
Winfred O. Wright, Dr. de l'Université

**PROFESSORS:**  
Ava M. Conley, M.A.  
Dorothy S. Wright, Dr. de l'Université

**ASSOCIATE PROFESSOR:**  
Terry Edwards, Ph.D.  
Associate Dean of Academic Affairs at HUF

**ASSISTANT PROFESSOR:**  
Robbie Shackelford, M.Ed.  
Associate Dean of Administrative Affairs at HUF

**LECTURER:**  
Paul Roggendorf, B.S.

The mission of the Department of Foreign Languages and International Studies is to prepare students for life and work in the modern world where communication with people of other cultures and languages is becoming increasingly important.

Students may pursue foreign language study for cultural enrichment, research, personal pleasure, foreign travel, and careers where a foreign language is of value. Such careers include foreign missions, translation, government service, and international business and industry. Knowledge of a foreign language is considered an asset in many professions and careers in the United States, and employers who are considering applicants of otherwise similar qualifications often choose the one who can communicate in a foreign language.

The department provides the following opportunities for foreign language study abroad:

1. The Harding University in Florence program (HUF) in cooperation with International Programs offers a semester of Italian in Florence, Italy.
2. The French Work/Study Tour is a summer program combining seven weeks of evangelistic campaigns with French language and culture study in the French-speaking countries of Europe.
3. The Latin American Work/Study Tour is a summer program combining six to eight weeks of evangelistic campaigns with language and culture study in Venezuela or another Latin American country.
4. The Independent Study Abroad program provides a semester of study in a foreign university. Often this study is combined with residence in a home where the target language is spoken.

1995-1996 Harding University Catalog Placement of students with foreign language background varies according to the level of language proficiency. Normally, students with two years or more of high school study are encouraged to enroll in the intermediate level. Students with exceptional foreign language skills may be approved by the department chairman for enrollment in advanced courses.

Validation credit for previous language study may be obtained upon written request as follows: Students with two or more years of high school foreign language study, upon completion of the intermediate university course of the same language with a grade of A or B in both semesters, may receive eight hours of credit for the elementary course.

**French or Spanish as a Second Teaching Field:** Students certifying to teach French or Spanish must complete 24 hours of the language, including the following: 6 hours in functional language skills; 6 hours in culture, civilization, and literature (at least 3 being in culture and civilization); 12 hours of electives. At least 9 of the 24 hours must be upper-level. SEED 419 must also be taken.

**BACHELOR OF ARTS DEGREE  
FRENCH MAJOR (FREN)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	48
Six hours of global literacy are counted below in hours required for the major.	
<b>Major:</b>	30
Thirty hours in French, including 18 upper-level hours. Students planning to do graduate work in French are encouraged to take additional hours of upper-level courses in the language.	
<b>Minor:</b>	18
<b>Electives:</b>	24
<b>Remaining Bible:</b>	8
<b>TOTAL HOURS</b>	<b>128</b>
Minor in French: 18 hours, including 6 upper-level hours.	

**BACHELOR OF ARTS DEGREE  
SPANISH MAJOR (SPAN)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	48
Six hours of global literacy are counted below in hours required for the major.	
<b>Major:</b>	30
Thirty hours in Spanish, including 18 upper-level hours. Students planning to do graduate work in Spanish are encouraged to take additional hours of upper-level courses in the language.	



**Minor:****Electives:****Remaining Bible:****TOTAL HOURS**

Minor in Spanish: 18 hours, including 6 upper-level hours.

**BACHELOR OF ARTS DEGREE  
INTERNATIONAL STUDIES MAJOR (INTS)**

**REQUIREMENTS****General Education (p. 60):**

You must take POLS 202 and ECON 201. Three hours of global literacy are counted below in hours required for the major.

**Major:**

Core Courses: (42 hours)

Twenty hours of modern foreign languages, including 6 upper-level hours. One course from ANTH 250, 320, 401, BMIS 386, 388, COMO 261; one course from GEOG 302, 303; one course from POLS 300, 351, 410, ECON 285, 420; one course from HIST 311, 415, 425, FR 305, SPAN 315, 325; SOCS 301, 461. INST 310, 450. Students with experience living or studying abroad may replace INST 310 with a course approved by the department chairman.

Career Concentration: (21 hours)

The career concentration may be in any discipline that relates to international living and/or work. Courses must be jointly approved by the chairman of the Department of Foreign Languages and International Studies and the chairman or dean of the selected discipline.

**Electives:****Remaining Bible:****TOTAL HOURS**

**FRENCH (FR)**

**100. FRENCH FOR TRAVELERS. (2) Spring. Offered on sufficient demand.**

Elements of French for students with no background in the language, with emphasis given to oral communication in everyday situations.

**101. ELEMENTARY FRENCH I. (4) Fall.**

Designed for students with little or no background in French. Oral and written communication, grammar, and culture. Five class periods per week.

**102. ELEMENTARY FRENCH II. (4) Spring.**

A continuation of 101. Prerequisite: 101 or equivalent.

**201. INTERMEDIATE FRENCH I. (3) Fall.**

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.

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128

51

63

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128

**202. INTERMEDIATE FRENCH II. (3) Spring.**

A continuation of 201. Prerequisite: 201 or equivalent.

**251. FRENCH CONVERSATION. (1) Fall, Spring. Offered on sufficient demand.**

Guided conversational experience in small groups on topics of common interest to students of French. May be repeated for credit. A total of 4 hours may be earned in FR 251 and 252. Prerequisite: 102 or equivalent.

**252. FRENCH FOR RELIGIOUS COMMUNICATION. (1) Spring. Offered on sufficient demand.**

A study of selected religious texts with practical use of religious vocabulary for worship and evangelism. May be repeated for credit. A total of 4 hours may be earned in FR 251 and 252. Prerequisite: 102 or equivalent.

**271. SELECTED READINGS IN CULTURE AND LITERATURE. (3) Offered on sufficient demand.**

A study of selected works relating to a cultural theme, a literary genre, or the literary works of selected authors. May be repeated with the consent of the chairman provided the content is different.

**301, 302. FRENCH LITERATURE. (3, 3) Fall of even years; Spring of odd years. Alternates with 303-304.**

Major authors and their works from the Middle Ages to the present. Prerequisite: 202 or equivalent.

**303/503. ADVANCED COMPOSITION. (3) Fall of odd years. Alternates with 301.**

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 of even years. Alternates with 302.**

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) Spring of odd years. Alternates with 434.**

A study of the mores, customs, government, and important personalities of present-day France. Prerequisite: 202 or equivalent.

**432/532. FRENCH CLASSICISM. (3) Offered on sufficient demand.**

A study of Corneille, Racine, Molière, Pascal, La Fontaine, and others. Prerequisite: Any 300 course or equivalent.

**434/534. LITERATURE OF THE 19TH CENTURY. (3) Spring of even years. Alternates with 305/605.**

Representative writers and important literary movements of the 19th century. Prerequisite: Any 300 course or equivalent.

**435/535. LITERATURE OF THE 20TH CENTURY. (3) Fall of even years.**

Outstanding writers of the 20th century and 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 and graduate students majoring in French. Prerequisite: Consent of the instructor and department chairman.

**GERMAN (GER)**

**101. ELEMENTARY GERMAN I. (4) Fall.**

Designed for students with little or no background in German. Oral and written communication, grammar, and culture. Five class periods per week.



**102. ELEMENTARY GERMAN II.** (4) Spring.

A continuation of 101. Prerequisite: 101 or equivalent.

**201. INTERMEDIATE GERMAN I.** (3) Fall. 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.

**202. INTERMEDIATE GERMAN II.** (3) Spring. Offered on sufficient demand.

A continuation of 201. Prerequisite: 201 or equivalent.

**ITALIAN (ITAL)****100. ITALIAN FOR TRAVELERS.** (2) Fall, Spring. Offered on sufficient demand.

Elements of Italian for students with no background in the language; emphasis is given to oral communication in everyday situations.

**101. ELEMENTARY ITALIAN I.** (4) Fall.

Designed for students with little or no background in Italian. Oral and written communication, grammar, and culture. Five class periods per week. Also offered in HUF curriculum.

**102. ELEMENTARY ITALIAN II.** (4) Spring.

A continuation of 101. Prerequisite: 101 or equivalent.

**201. INTERMEDIATE ITALIAN I.** (3) Offered only upon demand in the HUF curriculum.**202. INTERMEDIATE ITALIAN II.** (3)

A continuation of 201. Prerequisite: 201 or equivalent.

**RUSSIAN (RUSS)****101. ELEMENTARY RUSSIAN I.** (4) Fall. Offered on sufficient demand and availability of staff.

A beginning course designed for students with little or no background in Russian. Emphasis is given to oral and written communication, grammar, and culture. Five class periods per week.

**102. ELEMENTARY RUSSIAN II.** (4) Spring.

A continuation of 101. Prerequisite: 101 or equivalent.

**SPANISH (SPAN)****100. SPANISH FOR TRAVELERS.** (2) Spring. Offered on sufficient demand.

Elements of Spanish for students with no background in the language. Emphasis is given to oral communication in everyday situations.

**101. ELEMENTARY SPANISH I.** (4) Fall.

Designed for students with little or no background in Spanish. Oral and written communication, grammar, and culture. Five class periods per week.

**102. ELEMENTARY SPANISH II.** (4) Spring.

A continuation of 101. Prerequisite: 101 or equivalent.

**201. INTERMEDIATE SPANISH I.** (3) Fall.

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.

**202. INTERMEDIATE SPANISH II.** (3) Spring.

A continuation of 201. Prerequisite: 201 or equivalent.

**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 credit. A total of 4 hours may be earned in SPAN 251 and 252. Prerequisite: 102 or equivalent.

**252. SPANISH FOR RELIGIOUS COMMUNICATION.** (1) Spring.

A study of selected religious texts with practical use of religious vocabulary for worship and evangelism. May be repeated for credit. A total of 4 hours may be earned in SPAN 251 and 252. Prerequisite: 102 or equivalent.

**271. SELECTED READINGS IN CULTURE AND LITERATURE.** (3) Offered on sufficient demand.

A study of selected works relating to a cultural theme, a literary genre, or the literary works of selected authors. May be repeated with the consent of the chairman provided the content is different.

**301, 302. INTRODUCTION TO SPANISH LITERATURE.** (3, 3) Fall of even years; Spring of odd years. Alternates with 303-304.

A survey of major authors and their works. Prerequisite: 202 or equivalent.

**303/503. ADVANCED COMPOSITION AND GRAMMAR REVIEW.** (3) Fall of odd years. Alternates with 301.

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 of even years. Alternates with 302.

A practical application of Spanish with advanced conversation, literary analysis, phonetic review, and an overview of Peninsular Spanish culture. Prerequisite: 202 or equivalent.

**311/511. SURVEY OF LATIN AMERICAN LITERATURE.** (3) Fall of odd years. Alternates with 315.

Major Latin American authors and their works. Prerequisite: 202 or equivalent.

**315/515. LATIN AMERICAN CIVILIZATION.** (3) Fall of even years. Alternates with 311/511.

A cultural survey of the Latin American nations with emphasis on the contemporary period. Taught in Spanish unless there is sufficient demand for classroom sessions to be in 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.

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.

**435/535. LITERATURE OF THE 20TH CENTURY.** (3) Spring of even years. Alternates with 436/536.

The essay and the novel with historical emphasis on the Generation of 1895 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 of odd years. Alternates with 435/535.

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 and graduate students majoring in Spanish. Prerequisite: Consent of the instructor and the department chairman.



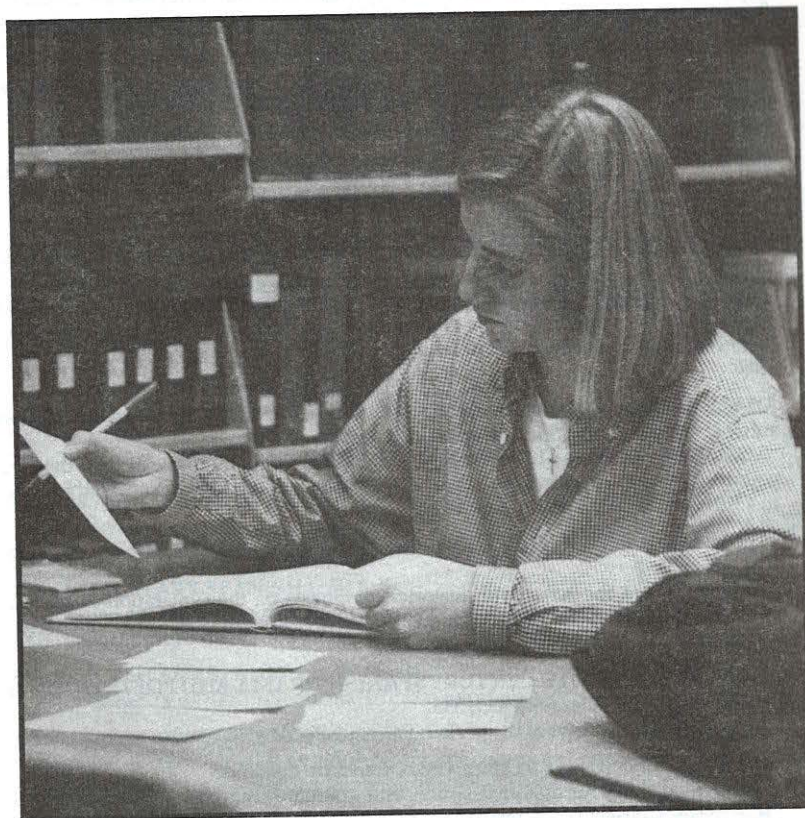
**310/510. INDEPENDENT STUDY ABROAD. (3-12)**

Guided study in an approved foreign institution of higher learning. Before a student enrolls for the course, the chairman must approve the institution, living arrangements, the program of study, the specific courses for which credit at Harding will be granted, and the number of credit hours to be received. Upon completion of the program, the foreign institution must provide an evaluation of the student's performance. Prerequisite: Open only to students with sophomore to graduate standing who have completed the intermediate level of language study in the language of the host country or give proof of equal proficiency.

**367. COOPERATIVE EDUCATION. (1-6)** Offered on demand.  
See Cooperative Education catalog section (p. 58).

**450. INDEPENDENT SENIOR PROJECT. (1-3)**

Guided readings or individual research for seniors majoring in International Studies. Prerequisite: Senior standing and approval of the proposed project by the department chairman.

**DEPARTMENT OF HISTORY AND SOCIAL SCIENCE**

CHAIRMAN: Thomas M. Howard, Ed.D.

**PROFESSORS:**

Clifton L. Ganus, Jr., Ph.D.  
Chancellor  
Thomas M. Howard, Ed.D.  
Fred R. Jewell, Ed.D.  
Joe T. Segraves, Ph.D.  
Thomas R. Statom, Ph.D.

**ASSOCIATE PROFESSOR:**

Paul D. Haynie, Ph.D.

**ASSISTANT PROFESSORS:**

Mark Elrod, M.A.  
Andy Olree, J.D., C.P.A.

**INSTRUCTOR:**

Kevin Klein, M.A.

**LECTURER:**

Janet Fortner, M.A.

**ASSISTING FROM ANOTHER DEPARTMENT:**

Budd Hebert, Ph.D.

The mission of the Department of History and Social Science is to:

1. Teach students the concepts concerning the social forces and institutions which affect civilization;
2. Teach the fundamental principles underlying enlightened citizenship and a global perspective;
3. Prepare teachers for elementary and secondary schools;
4. Help students acquire a foundation for graduate study in history, political science, and social science;
5. Provide the preprofessional background and skills for the fields of law, government service, and other professions.

**BACHELOR OF ARTS DEGREE  
HISTORY MAJOR (HIST)**

**REQUIREMENTS****General Education (p. 60):**

Six hours of history are counted below in the hours required for the major. The global literacy requirement, also counted in the major, is met by the foreign language requirement.

**Major:**

HIST 101, 102, 110, 111, 461; SOCS 260; 21 additional upper-level hours in history, 3 of which may be satisfied by BHIS 340 or 34 taken for 3 hours credit.

**HOURS**

42

39



**Modern Foreign Language:****Minor:****Electives:****Remaining Bible:**

BHIS 340 or 341, if taken and counted above in the major, reduces remaining Bible hours by 2 and increases by 2 the number of electives.

**TOTAL HOURS**

**Minor in History:** 18 hours in history, including 6 upper-level hours.

**BACHELOR OF ARTS DEGREE  
POLITICAL SCIENCE MAJOR (PSC)**

**REQUIREMENTS****General Education (p. 60):**

POLS 205 is counted below in the hours required for the major. POLS 202 and SOCS 301, also counted in the major, satisfy global literacy.

**Major:**

POLS 202, 205, 353, 460, 461, 18 additional hours in political science; SOCS 301.

**Modern Foreign Language:****Minor:****Electives:****Remaining Bible:****TOTAL HOURS**

**Minor in Political Science:** 18 hours in political science, including 6 upper-level hours.

**BACHELOR OF ARTS DEGREE  
SOCIAL SCIENCE MAJOR (SSCT)  
(Teacher Certification)**

**REQUIREMENTS****General Education (p. 60):**

EDFD 203, required in place of PSY 201, is counted below in hours required for certification. POLS 205 and 6 hours of history are counted below in the hours required for the major. POLS 202 and 3 of the geography hours counted in the major satisfy global literacy.

**Major:**

ECON 201; GEOG 302 and 303; HIST 101, 102, 110, 111, 309 or 311, 336; POLS 202, 205, 353; SOCS 260, 461; SOC 203; 12 additional

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18

13-15

6-8

128

**HOURS**

45

36

8

18

13

8

128

**HOURS**

36

57

hours, including 3 hours of economics, 6 additional hours of history (3 of which must be American), and 3 hours in anthropology, economics, geography, political science, sociology, or social science.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 431, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

**TOTAL HOURS**

**Social Science as a Second Teaching Field:** Students certifying to teach in a major field who add social science as a second field must complete 12 hours of American history, including HIST 110 or 111 or upper-level European, 309 or 311, and 336; POLS 205 and 353; 3 hours of economics; 6 hours of geography, and SOC 203. Six hours in a specific field of social science are required for certification in that field. Total hours required: 36.

**BACHELOR OF ARTS DEGREE  
SOCIAL SCIENCE MAJOR (SOCS)  
(Non Teacher Certification)**

**REQUIREMENTS****General Education (p. 60):**

POLS 205 and 6 hours of history are counted below in hours required for the major. POLS 202 and 3 geography hours, also counted below in the major, satisfy global literacy.

**Major:**

ECON 201; GEOG 302 or 303; HIST 101, 102, 110, 111, 309 or 311; POLS 202, 205, 353; SOCS 260, 461; SOC 203; 18 additional hours, including 3 hours of economics, 9 hours of history (3 of which must be American) and 6 hours in anthropology, economics, geography, political science, sociology, and social science.

**Electives:****Remaining Bible:****TOTAL HOURS**

**Minor in Social Science:** 18 hours in history, political science, geography, economics, and social science, including 6 upper-level hours.

32

6

131

**HOURS**

39

57

24

8

128



# BACHELOR OF SCIENCE DEGREE AMERICAN STUDIES MAJOR (AS)

## REQUIREMENTS

### General Education (p. 60):

POLS 205, 6 hours of global literacy, and 6 hours of history are counted below in the hours required for the major.

### Major:

ECON 201, 202; GEOG 302; HIST 101, 102; HIST 110 or 111; MGT 333; POLS 202, 205, and 353; SOCS 260, 461; SOC 203; COMM 415; 21 additional hours, including 6 hours from ENG 271, 272, 281, 291, 360, 408, 411; 6 hours from POLS 354, 425, 435; 3 hours from SOC 355, 405, 410, 430; and 6 hours of upper-level American history.

### Modern Foreign Language:

### Electives:

### Remaining Bible:

### TOTAL HOURS

**Minor in American Studies:** 30 hours in American Studies, including HIST 101, 102; POLS 202, 205; SOC 203; 6 upper-level hours of American history, and 9 additional hours selected from three of the five fields listed under the American Studies major.

# BACHELOR OF SCIENCE DEGREE PUBLIC ADMINISTRATION MAJOR (PUBA)

## REQUIREMENTS

### General Education (p. 60):

POLS 205 is counted below in the hours required for the major.

### Major:

ACCT 205, 206; BUS 315; 316 or 317 or 343; COAP 101; ECON 201; MGT 332, 368; POLS 205, 304, 353, 435, 436, 460, 461; COMO 260 or 262 or 263; 18 hours of electives from the College of Arts and Sciences and School of Business with no more than 9 hours from the School of Business.

### Electives:

### Remaining Bible:

### TOTAL HOURS

## GEOGRAPHY (GEOG)

### 212. GEOGRAPHY. (3) Offered on demand.

Physical geography including climates, soil, river systems, and mountain ranges. Aspects of geography affecting racial division and human population.

## HOURS

39

63

8

10

8

128

## HOURS

51

66

3

8

128

### 292/502. GEOGRAPHY OF DEVELOPED COUNTRIES. (3) Fall.

The developed regions of the world, focusing on their physical traits (land forms, climate, natural resources), land-man relationships (land uses, population distribution), and cultural traits. Principal differences between developed and developing regions.

### 303/503. GEOGRAPHY OF DEVELOPING COUNTRIES. (3) Spring.

The developing regions of the world, focusing on their physical traits (land forms, climate, natural resources), land-man relationships (land uses, population distribution), and cultural traits. Principal differences between developed and developing regions.

### 367/567. COOPERATIVE EDUCATION. (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

## HISTORY (HIST)

### 101. AMERICAN HISTORY TO 1877. (3) Fall, Spring, Summer.

Survey of American history from discovery through Reconstruction.

### 102. AMERICAN HISTORY SINCE 1877. (3) Fall, Spring, Summer.

Survey of American history from Reconstruction to the present.

### 110. WESTERN CIVILIZATION TO 1500. (3) Fall, Spring, Summer.

Survey of western civilization from prehistory to the Renaissance.

### 111. WESTERN CIVILIZATION SINCE 1500. (3) Fall, Spring, Summer.

Survey of western civilization from the Renaissance to the present.

### 309. AFRICAN HISTORY SINCE 1500. (3) Fall of odd years; alternates with 311.

Sub-Saharan Africa, including the influence of ethnicity, colonialism, and modernization.

### 311/511. HISTORY AND CULTURE OF THE FAR EAST. (3) Fall of even years; alternates with 309.

China and Japan, including indigenous origins, imperial expansion, cultural innovations, the impact of the West in the 19th century, and problems of modernization and development during the last 100 years.

### 336/536. ARKANSAS HISTORY. (3) Spring.

Required of all teachers certifying in social sciences.

### 366/566. HISTORY OF THE FRONTIER. (3) Spring of odd years; alternates with 390.

Stages of settlement of the West, principles and policies related to its development, and impact of the frontier on the environment, national institutions, and character. Field trip to West. Fee: \$46.75.

### 367/567. COOPERATIVE EDUCATION. (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

### 370/570. COLONIAL AMERICA. (3) Spring of odd years.

The history of America from its discovery to 1783.

### 375/575. ANCIENT CIVILIZATIONS. (3) Fall of odd years.

History and cultures of Mesopotamia, Egypt, Greece and Rome, and the legacies they left the modern world.

### 380/580. EARLY MODERN AMERICA 1783-1850. (3) Fall of odd years.

History of the United States from Independence to 1850.

### 385/585. MEDIEVAL EUROPE. (3) Fall of even years.

The religious, political, social, economic, and cultural developments between the fall of Rome and the end of the Hundred Years War, including feudalism, early nationalism, and the Crusades.



**390/590. ERA OF THE CIVIL WAR, 1850-1877.** (3) Spring of even years; alternates with 336.

Events leading to the Civil War in America; the war in its social, economic, and political contexts; military strategy; Reconstruction. Field trips to battle fields. Fee: \$46.75.

**395/595. RENAISSANCE AND REFORMATION, 1400 TO 1648.** (3) Fall of odd years.  
The political, social, economic, and cultural transitions from medieval to early modern European civilization.

**400/500. EMERGENCE OF MODERN UNITED STATES, 1877-1920.** (3) Fall of even years.  
History of the United States from Reconstruction through World War I.

**402/502. DIPLOMATIC HISTORY OF THE UNITED STATES.** (3) Spring of odd years.  
Diplomacy and foreign policy of the United States from the American Revolution to the present.

**405/505. ABSOLUTISM, CONSTITUTIONALISM, AND REVOLUTION: EUROPE, 1648-1815.** (3) Fall of even years.  
Europe from the end of the Age of Religious Wars to the end of the Napoleonic Wars.

**410/510. RECENT UNITED STATES HISTORY, 1920 TO THE PRESENT.** (3) Fall of even years.  
Economic, political, and social history since 1920.

**414/514. HISTORY OF THE SOUTH.** (3) Fall of odd years.  
Social, political, and economic development of both the Old and the New South, with special attention given to the forces that made the South unique.

**415/515. EMERGENCE OF MODERN EUROPE, 1815 TO 1920.** (3) Spring of even years.  
The revolutionary impact of industrialization and the emergence of a new balance of power.

**425/525. RECENT EUROPEAN HISTORY, 1920 TO THE PRESENT.** (3) Spring of odd years.  
The triumph of fascist and communist regimes; World War II, the Cold War, and the collapse of communism.

**430/530. SPECIAL TOPICS IN U.S. HISTORY.** (3) Summer only.  
A different topic of interest in American history is taught each time the course is offered, such as "The American Indian," "Utopian Communities," "Sports in History."

**435/535. SPECIAL TOPICS IN EUROPEAN HISTORY.** (3) Summer only.  
A different topic in European history is taught each time the course is offered, such as "World War II," "Revolutions," "Cities of Europe."

**461/561. SENIOR SEMINAR IN HISTORY.** (3) Spring.  
An intensive research and writing seminar designed to prepare students for graduate study in history. Includes historiography, historical research, and critical analysis. Prerequisite: Senior or graduate standing with a major in history.

### POLITICAL SCIENCE (POLS)

**202. INTERNATIONAL RELATIONS.** (3) Fall, Spring, Summer.  
The interaction of nation-states, international concepts, including culture, nationalism, conflict, organizations, law, nuclear arms, economics, and underdevelopment, with focus on why nation-states act as they do.

**203. AMERICAN NATIONAL GOVERNMENT.** (3) Fall, Spring, Summer.  
The constitution, civil rights, and the formal and informal aspects of political decision-making in the United States.

**300/500. COMPARATIVE POLITICAL SYSTEMS.** (3) Fall of odd years.  
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.

**304/504. PUBLIC ADMINISTRATION.** (3) Fall.  
Political influences and management principles of the public bureaucracy.

**351/551. INTERNATIONAL LAW AND DIPLOMACY.** (3) Spring of odd years.  
Major cases in international law which have helped to shape the present international system, and their relationship to diplomacy between nation-states. Prerequisite: POLS 202.

**353/553. ARKANSAS AND STATE AND LOCAL GOVERNMENT.** (3) Spring.  
The study of the Arkansas political system and the political systems of other state and local governments in the United States. Required of all teachers certifying in the social sciences.

**354/554. AMERICAN POLITICAL INSTITUTIONS.** (3) Spring of even years.  
Analysis of the Constitution and of the decision-making processes in major federal government institutions, including the Congress, presidency, courts, political parties, and elections. Prerequisite: POLS 205.

**367/567. COOPERATIVE EDUCATION.** (1-6) Offered on demand.  
See Cooperative Education catalog section (p. 58).

**410/510. POLITICS AMONG UNDERDEVELOPED NATION STATES.** (3) Spring of even years.  
Political processes and economic development of the underdeveloped nation-states of Africa, Asia, Latin and South America.

**425/525. AMERICAN POLITICAL THOUGHT.** (3) Spring of odd years.  
Origins and development of American political ideas and institutions from precolonial times to the present. Prerequisite: POLS 205.

**435/535. CONSTITUTIONAL LAW.** (3) Spring.  
The role of the Supreme Court in the American political system. Principles of Constitutional interpretation. Landmark cases in our legal heritage. Contemporary Bill of Rights issues. Prerequisite: POLS 205.

**436/536. ADMINISTRATIVE LAW.** (3) Fall of even years.  
The nature, formulation, implementation, and adjudication of administrative law with attention to the powers and limitations of regulatory agencies. Prerequisite: POLS 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 chairman.

**451. SUPERVISED INTERNSHIP/LEGAL PRACTICUM.** (3) Fall, Spring.  
Supervised internship and field experiences with local, state, and federal government agencies. For pre-law students, a legal practicum with legal professionals in the judicial system is offered. Prerequisite: Senior standing or consent of the chairman.

**460. QUANTITATIVE TECHNIQUES IN POLITICAL SCIENCE.** (3) Fall.  
Basic tools used in modern political science research with special emphasis on statistics used in data analysis and hypothesis testing.



**461. POLICY ANALYSIS AND RESEARCH.** (3) Spring.

A study of public policy, utilizing the analytical tools available in the discipline, especially statistical tools. A primary research project is required. Writing skills and ethics in research are emphasized in this capstone course in the discipline. Prerequisite: POLS 460.

**SOCIAL SCIENCE (SOCS)**

**259. 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.

**260. RESEARCH AND WRITING.** (3) Fall.

A supervised, practical introduction to research and writing in the social sciences. Requires the completion of projects which emphasize research techniques and effective communication.

**301/501. GLOBAL ISSUES.** (3) Fall.

Social, economic, and political issues of major concern to the international community. Prerequisite: POLS 202.

**367/567. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**461/561. SENIOR SEMINAR IN THE SOCIAL SCIENCES.** (3) Fall.

An intensive analytical reading and research seminar designed to prepare students for graduate study in the social sciences. Required of all American Studies and Social Science majors. Prerequisite: Senior or graduate standing.

**DEPARTMENT OF KINESIOLOGY**

**CHAIRMAN:** Wilton Y. Martin, Ed.D.

**PROFESSORS:**

Ted M. Altman, Ed.D.  
Karyl Bailey, Ph.D.  
Barbara G. Barnes, M.A.T.  
John Boustead, M.Ed.  
Kathryn R. Campbell, M.A.T.  
Bob J. Corbin, M.Ed.  
Theodore R. Lloyd, M.S.  
Wilton Y. Martin, Ed.D.  
Harry D. Olree, Ed.D.  
Clifford John Prock, M.T.  
Mike Pruitt, D.A.

**ASSOCIATE PROFESSOR:**

David T. Elliott, M.A.T.

**ASSISTANT PROFESSORS:**

John Ronald Huckeba, M.A.  
James Frank, M.Ed.  
Tim Kirby, M.Ed.  
Jeff Morgan, M.S.  
Bryan Phillips, M.Ed.  
Randy O. Tribble, M.Ed.

**LECTURER:**

Roddy Mote, B.A.

The mission of the Department of Kinesiology is to:

1. Contribute to the wellness education of all students;
2. Prepare individuals to teach physical education and coach or work in related fields;
3. Help meet the recreational needs of students;
4. Assist in instilling in students a faith in God.

The department offers bachelor of arts degrees in kinesiology (certification and non-certification) and sports management. The kinesiology certification major prepares students to teach in elementary and secondary schools. The non-certification major and the major in sports management prepare students for careers other than teaching.

The department also offers certification in the second teaching fields of kinesiology, physical education (k-12), and health. A coaching endorsement is also available.

Minors are offered in kinesiology, health, and recreation.

The institutional requirement of 3 hours in kinesiology can be met by KINS 101 and 2 additional hours from the following: 112, 117, 118, 119, 120, 121,



122, 124, 126, 127, 128, 214, 215; RECR 131, 132, 133; and, for kinesiology majors and minors and sports management majors, KINS 355, 356. Students who transfer to Harding with fewer than 3 hours of physical activity courses must take KINS 101.

Veterans who have spent at least one year in continuous active military duty may receive credit for the 3 hours of kinesiology required by Harding by filing a written request with the registrar and submitting a copy of the DD214.

Students certifying to teach at the elementary or secondary level must complete 6 hours of health and kinesiology, including H ED 203, KINS 101, and 2 hours of activity classes. Elementary education majors must also complete KINS 330.

All kinesiology majors must demonstrate proficiency in swimming or take KINS 112 as leveling work. Also, all majors in kinesiology must pass a physical fitness test during their senior year. Students with disabilities are reasonably accommodated in compliance with federal and state guidelines.

### **BACHELOR OF ARTS DEGREE KINESIOLOGY MAJOR (KNSE) (Teacher Certification)**

<b>REQUIREMENTS</b>	<b>HOURS</b>
<b>General Education (p. 60):</b> KINS 355 or 356 satisfies the 2-hour kinesiology activity requirement and is counted below in the hours required for the major. EDFD 203, required in place of PSY 201, is counted below in the hours required for certification. You must take BIOL 113; POLS 205.	49
<b>Major:</b> KINS 206, 301, 302; 4 hours from KINS 304, 305, 306, 307, 308; KINS 325, 355, 356, 404, 405, 407, 415; H ED 203; RECR 210. Students certifying in K-12 must also take 9 hours: KINS 327, 329, 330. You must demonstrate proficiency in swimming or take KINS 112 as leveling work, which increases the total hours in the degree.	38-47
<b>Certification:</b> EDFD 201, 203, 307, 309, 320; SEED 408, 417, 427, 451, 480; SPED 418. Consult the School of Education catalog section for additional certification information (p. 219).	29
<b>Certification in a Second Teaching Field:</b> Twenty-four hours is the norm; the total varies.	24
<b>Remaining Bible:</b> Bible is not required during the supervised teaching semester.	6
<b>TOTAL HOURS</b>	up to 153

**Kinesiology as a Second Teaching Field:** Students certifying in another major who desire to add kinesiology as a second field must complete 26 hours including: KINS 206, 355, 356, 405, 415; 302 or H ED 202; 6 hours from BIOL 113 or 275, 301, 407; SEED 427. Students certifying in elementary must substitute KINS 327, 329, 330 for 355, 356, SEED 427.

**Physical Education as a Second Teaching Field (K-12):** Students certifying in another major who desire to add physical education as a second field must complete 33 hours, including: KINS 206, 327, 329, 330, 355 or 356, 405, 415; 302 or H ED 202; 6 hours from BIOL 113 or 275, KINS 301, 407; SEED 427.

**Health as a Second Teaching Field:** Students certifying in another major who desire to add health as a second field must complete 24 hours, including: H ED 202, 203, 408, 410; 6 hours from BIOL 113, 271, 275, 420, KINS 301, 407; EDFD 203; FCS 331.

**Coaching Endorsement:** 13 hours, including 4 hours from 304, 305, 306, 307, 308; 405; 302 or H ED 202; 3 hours from BIOL 113, 275, KINS 301.

**Minor in Kinesiology:** 18 hours, including KINS 206, 355 or 356, and 3 additional upper-level hours; H ED 203; proficiency in swimming or KINS 112.

**Minor in Health:** 18 hours, including H ED 202, 203; KINS 301; BIOL 113; 6 hours from H ED 408, 410, FCS 331, EDFD 203. Kinesiology majors who minor in health must take all of the preceding courses.

**Minor in Recreation:** 18 hours, including RECR 320, 325; SOC 203; 9 hours from ART 211 or 235, COMT 204 or 206, H ED 202 or KINS 302, KINS 215, 250, MUS 116, RECR 131, 132, 133, 210. Courses must be taken from two of the three fields of art, communication, and music. Kinesiology majors must take 18 hours in addition to the courses required for the major.

### **BACHELOR OF ARTS DEGREE KINESIOLOGY MAJOR (KINS) (Non Teacher Certification)**

<b>REQUIREMENTS</b>	<b>HOURS</b>
<b>General Education (p. 60):</b> KINS 355 or 356 satisfies the 2-hour kinesiology activity requirement and is counted below in the hours required for the major. You must take BIOL 113.	52
<b>Major:</b> H ED 203; KINS 206, 301, 302; 4 hours from KINS 304, 305, 306, 307, 308; KINS 325, 355, 356, 404, 405, 407, 415; RECR 210. You must demonstrate proficiency in swimming or take KINS 112 as leveling work, which decreases the hours of electives.	38



**Minor:**

Hours in the minor vary; the greater their number, the fewer the number of electives.

**Electives:**

12

**Remaining Bible:**

8

**TOTAL HOURS**

128

**BACHELOR OF ARTS DEGREE  
SPORTS MANAGEMENT MAJOR (SMGT)**

**REQUIREMENTS****HOURS**

General Education (p. 60):

52

KINS 355 or 356 satisfies the 2-hour kinesiology activity requirement and is counted below in the hours required for the major.

**Major:**

69

KINS 206, 207, 250, 302; 4 hours from 304, 305, 306, 307, 308; 355 or 356, 367, 405, 407; RECR 320, 325; ACCT 205; COAP 101; ECON 201; MGT 368; MKTG 330; 6 hours from ACCT 206, BUS 315, ECON 322, MGT 332, PR S 336; 12 career emphasis hours approved by the department chairman.

You must demonstrate proficiency in swimming or take KINS 112 as leveling work, which increases the total hours in the degree.

**Remaining Bible:**

8

**TOTAL HOURS**

129

**HEALTH EDUCATION (H ED)**

**202. FIRST AID. (3) Fall, Spring.**

Standard Red Cross First Aid course.

**203. PERSONAL AND COMMUNITY HEALTH AND SAFETY. (3) Fall, Spring.**

Mental and emotional health, drug education, diet, exercise, sexuality, and diseases. Required of all prospective teachers.

**311/511. DRIVER AND TRAFFIC SAFETY EDUCATION I. (3) Fall, Summer.**

Preparation of teachers to organize and teach driver education and traffic safety programs in secondary schools.

**312/512. DRIVER AND TRAFFIC SAFETY EDUCATION II. (3) Spring, Summer.**

An advanced course designed to provide prospective teachers with dual control simulation and multitar laboratory teaching experience. The course includes teaching beginners, developing programmed lessons, and surveying methods and materials. Prerequisite: 311. (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. Contact the office of the chairman, 501/279-4759. Fee: \$131.25.)

**408/508. SCHOOL HEALTH PROGRAM ADMINISTRATION. (3) Fall.**

The total school health program, including health services, health instruction, and healthful school environment. Staff and program assessment, enlistment of public support, and implementation of new ideas.

**410/510. SCHOOL HEALTH INSTRUCTION. (3) Spring.**  
Health interests and needs of the elementary and secondary school child. Curriculum development and instructional methods and materials for health education.

**KINESIOLOGY (KINS)**

**101. WELLNESS. (1) Fall, Spring.**

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. Fee: \$29.00.

**112. BEGINNING AND INTERMEDIATE SWIMMING. (1) Fall, Spring.**

Instruction and practice in American Red Cross basic swimming and water safety skills.

**117. AEROBICS. (1) Fall, Spring.**

A complete aerobic workout using exercises done to music.

**118. BEGINNING BASKETBALL. (1) Spring.**

Instruction and practice in the basic skills of basketball.

**119. CONDITIONING ACTIVITIES. (1) Fall, Spring.**

Conditioning exercises designed 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.

**121. VOLLEYBALL AND PICKLE BALL. (1) Fall, Spring.**

Instruction and practice in the basic skills of volleyball and pickle ball.

**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 basic skills of golf and bowling. Fee: \$27.50.

**126. ADAPTED ACTIVITIES. (1) Fall, Spring.**

Activities for students who are excused by a physician from the regular activity program. May be taken three semesters for credit.

**127. GYMNASTICS. (1) Fall. (W)**

Instruction and practice in the basic skills of gymnastics.

**128. WEIGHT TRAINING. (1) Fall, Spring.**

Instruction and practice in the basic skills of weight training.

**206. SURVEY OF KINESIOLOGY (K-12). (3) Fall.**

The historical development of sport and physical activity, their underlying principles, and their place in the educational program.

**207. SPORTS IN AMERICA. (3) Spring of even years.**

The social, recreational, and economic impact of sports on American society in the twentieth century.

**214. LIFEGUARD TRAINING. (1) Fall, Spring.**

Instruction and practice in American Red Cross lifeguarding skills and techniques. American Red Cross Lifeguarding Training Certification is awarded to those who meet the requirements. Prerequisites: KINS 112 and current American Red Cross Standard First Aid certification or consent of the instructor.



**215. WATER SAFETY INSTRUCTOR'S COURSE.** (2) Spring.

Organizing and teaching American Red Cross swimming courses, with attention given to perfecting personal skills. American Red Cross Water Safety Instruction card is awarded to those who meet the requirements.

**250. SPORTS OFFICIATING.** (2) Fall.

Principles and techniques of officiating competitive sports.

**301/501. ANATOMICAL AND BIOMECHANICAL KINESIOLOGY.** (3) Fall.

Major muscle groups and their relationship to body movements. Activities which contribute to the functional development of major muscle groups. Prerequisite: BIOL 113 or consent of the instructor.

**302/502. PREVENTION AND TREATMENT OF ATHLETIC INJURIES.** (3) Fall.

Prevention of athletic injuries; forms of therapy in the treatment of injuries common to athletics and activity. Fee: \$15.75.

**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) Fall.

Coaching and officiating baseball.

**308. COACHING SOFTBALL AND VOLLEYBALL.** (2) Spring of odd years.

Coaching and officiating softball and volleyball.

**325. MOTOR LEARNING.** (2) Spring.

Physiological factors related to the development of motor skills with practical applications for teachers.

**327. BASIC MOVEMENT AND GYMNASTICS FOR CHILDREN.** (3) Fall of odd years.

Developmental movement patterns and basic body control for preschool and elementary children. Fundamentals of beginning gymnastics. Required of students certifying to teach physical education in elementary or K-12.

**329. RHYTHMIC ACTIVITIES AND LEAD-UP GAMES FOR CHILDREN.** (3) Spring of even years.

Principles and practices of body movement and response to rhythm. Primary and lead-up games for children. Required of students certifying to teach physical education in elementary or K-12.

**330/530. ELEMENTARY KINESIOLOGY METHODS.** (3) Fall, Spring.

A study of methods as they apply to the total program and to the organization, instructions, and selection of activities at the class level. Required of prospective elementary teachers.

**355. TEACHING SPORT SKILLS I.** (3) Fall.

Theory and techniques of teaching tennis, softball, golf, soccer, pickle ball, and volleyball, and a thorough development of skills in these activities. For majors and minors only. Proficiency in swimming must be demonstrated. Fee: \$12.75.

**356. TEACHING SPORT SKILLS II.** (3) Spring.

Theory and techniques of teaching badminton, racquetball, aerobics, weight training, outdoor games and sports, and archery. For majors and minors only. Proficiency in swimming must be demonstrated. Fee: \$12.75.

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**406. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**404/504. MEASUREMENT AND EVALUATION IN HUMAN PERFORMANCE.** (3) Fall.

Acquaintance with testing devices in kinesiology and practice in their use. Students must pass a physical fitness test consisting of a 1-mile run, a sit and reach measurement, bent knee sit-ups, and skinfold measurements.

**405/505. KINESIOLOGY ADMINISTRATION (K-12).** (3) Fall.

Organization and action of kinesiology and athletic programs. Personnel, schedules, equipment and facilities, records, budget and finance, legal aspects, publicity and public relations, athletic associations, eligibility regulations, contracts, and officials.

**407. PHYSIOLOGY OF EXERCISE.** (3) Fall.

Fundamental concepts of human physiology and their application to programs of kinesiology and sports.

**415/515. ADAPTED PHYSICAL AND RECREATION ACTIVITIES.** (3) Spring.

Methods, techniques, screening, and special programs for physical and recreation activities of atypical students.

**RECREATION (RECR)**

**131. HUNTING AND GUNS.** (1) Fall.

Instruction in gun care and safety techniques; of big game, waterfowl, and upland game hunting. This course meets all state requirements for hunter safety certification.

**132. BAIT CASTING, FISHING, AND BOATING SAFETY.** (1) Spring.

Proper use of bait casting equipment; fishing techniques for various species; Boating laws and regulations designed for the safe operation of water craft.

**133. RECREATIONAL ACTIVITIES.** (1) Offered on sufficient demand.

One or two activities are taught each time the course is offered. These vary and include such activities as snow skiing, canoeing, backpacking, scuba diving, and bicycle touring. May be taken any number of times for credit as long as activities are not repeated. Fee: Varies with activity.

**210. LIFETIME LEISURE ACTIVITIES.** (2) Spring.

Instruction and practical experience in outdoor activities, including boating, canoeing, camping, hunting and gun safety, fishing, backpacking, hiking, and cycling. Fee: \$10.00.

**320. ORGANIZATION AND SUPERVISION OF RECREATION PROGRAMS.** (3) Fall.

History of the recreation movement; methods of organizing and supervising institutional and community recreation programs; survey of vocational opportunities in the field.

**325. RECREATIONAL SPORTS AND ACTIVITIES.** (3) Spring.

Aims and objectives, organization, action of competitive and noncompetitive activities and games for all ages, schedule scoring plans, rules and regulations, publicity, and public relations.



**BACHELOR OF ARTS DEGREE  
MATHEMATICS MAJOR (MATH)**  
(Non Teacher Certification)

**DISTINGUISHED PROFESSOR:**

Dean B. Priest, Ph.D.  
Dean of the College of Arts and Sciences and  
Assistant Vice President for Academic Affairs

**PROFESSORS:**

Harmon C. Brown, Ph.D.  
Alva Gene Dugger, M.S.  
Bill W. Oldham, Ed.D.  
Director of Mathematics Education  
Stephen W. Smith, Ph.D.  
Travis Thompson, Ph.D.  
Assistant to the Dean of the College of Arts and Sciences

**ASSISTANT PROFESSORS:**

Debbie Duke, Ed.D.  
J. Greg Harnden, M.A.

**ASSISTING FROM OTHER DEPARTMENTS:**

**ASSISTANT PROFESSORS:**

Ron Pacheco, M.S.  
Scott S. Ragsdale, M.S.E.

The mission of the Department of Mathematics is to:

1. Provide cultural training in mathematics;
2. Prepare teachers of secondary school mathematics;
3. Provide the basic training in mathematics needed by preprofessional students and students of science;
4. Lay a broad foundation for students majoring in mathematics.

Mathematics majors may elect the bachelor of science or bachelor of arts degree. Senior majors must take the Major Field Achievement Test in mathematics, preferably during your last semester.

As a rule, students with ACT math scores 29 and below (O-SAT 630 and below; R-SAT 630 and below) need leveling work before taking MATH 201. Students with ACT math scores between 19 and 24 (O-SAT between 410 and 530; R-SAT between 450 and 550) should take MATH 151 (4 hours) and 152 (2 hours); those with ACT math scores between 25 and 29 (O-SAT between 540 and 630; R-SAT between 560 and 630) should take MATH 171 (5 hours). Leveling work decreases the hours of electives or increases the total hours in the degree.

**REQUIREMENTS**

**HOURS**

<b>General Education (p. 60):</b>	48
Do not take PH S 111, 112, 113, 115, 116. The general education requirements for physical science and mathematics are counted below in the hours required for the major.	
<b>Major:</b>	38
MATH 201, 251, 275, 313, 318, 323, and 9 additional hours of upper-level mathematics; COMP 150; PHYS 201 or 211.	
<b>Minor:</b>	up to 18
Hours in the minor vary; the greater their number, the fewer the number of electives.	
<b>Electives:</b>	16
Math leveling work, if needed, decreases electives by 5-6 hours.	
<b>Remaining Bible:</b>	8
<b>TOTAL HOURS</b>	<b>128</b>

**BACHELOR OF ARTS DEGREE  
MATHEMATICS MAJOR (MEDU)**  
(Teacher Certification)

**REQUIREMENTS**

**HOURS**

<b>General Education (p. 60):</b>	45
You must take POLS 205; one course from ANTH 250, GEOG 302 or 303, POLS 202, SOCS 301 for global literacy/ additional 3-hour social science credit. Do not take PH S 111, 112, 113, 115, 116. The general education requirements for physical science and mathematics are counted below in the hours required for the major.	
EDFD 203, required in place of PSY 201, is counted below in the requirements for certification.	
<b>Major:</b>	38
MATH 201, 251, 275, 306, 313, 318, 323, and 6 additional hours of upper-level mathematics (419 is strongly recommended); COMP 150; PHYS 201 or 211.	
Math leveling work, if needed, decreases electives or increases total hours in the degree by 5-6 hours.	
<b>Minor:</b>	up to 18
Hours in the minor vary; the greater their number, the fewer the number of electives.	
<b>Certification:</b>	32
EDFD 201, 203, 307, 309, 320; SEED 308, 417, 425, 451, 480;	



SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

**TOTAL HOURS** 128-139

**Mathematics as a Second Teaching Field:** Students certifying in another major who desire to add mathematics as a second teaching field must take 22 hours of mathematics, including MATH 201, 251, 275, 306, and 6 additional hours numbered 300 or above, including 3 hours of algebra.

**BACHELOR OF SCIENCE DEGREE  
MATHEMATICS MAJOR (MATH)  
(Non Teacher Certification)**

**REQUIREMENTS** **HOURS**

**General Education (p. 60):** 48  
Do not take PH S 111, 112, 113, 115, 116. The general education requirements for physical science and mathematics are counted below in the hours required for the major.

**Major:** 66  
MATH 201, 251, 275, 301, 313, 318, 323, and 6 additional hours of upper-level mathematics; PH S 410; 27 hours from two other sciences; 6 hours from a fourth science. COMP 150 and PHYS 211, 212 must be included in these science hours.

**Electives:** 8  
Math leveling work, if needed, decreases electives by 5-6 hours.

**Remaining Bible:** 6  
PH S 410 substitutes for Bible in the semester it is taken.

**TOTAL HOURS** 128

**BACHELOR OF SCIENCE DEGREE  
MATHEMATICS MAJOR (MEDU)  
(Teacher Certification)**

**REQUIREMENTS** **HOURS**

**General Education (p. 60):** 45  
You must take POLS 205; one course from ANTH 250, GEOG 302 or 303, POLS 202, SOCS 301 for global literacy/additional 3-hour Social Science credit. Do not take PH S 111, 112, 113, 115, 116. The general education requirements for physical science and mathematics are counted below in the hours required for the major.

EDFD 203, required in place of PSY 201, is counted below in the requirements for certification.

**Major:** 66  
MATH 201, 251, 275, 301, 313, 318, 323, and 6 additional hours

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of upper-level mathematics; PH S 410; 27 hours from two other sciences; 6 hours from a fourth science. COMP 150 and PHYS 211, 212 must be included in these science hours.

Math leveling work, if needed, increases the total hours in the degree by 5-6.

**Certification:** 32  
EDFD 201, 203, 307, 309, 320; SEED 308, 417, 425, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

**Remaining Bible:** 4  
Bible is not required during the supervised teaching semester. PH S 410 satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS** 147

**Minor in Mathematics:** 18 hours, including 6 upper-level hours.

**MATHEMATICS (MATH)**

**100. BEGINNING ALGEBRA.** (3) Fall, Spring.  
Basic arithmetic and an introduction to elementary algebra. Does not count as the mathematics general education requirement or toward a major or minor in mathematics.

**105. INTERMEDIATE ALGEBRA.** (3) Fall, Spring.  
For 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. MATHEMATICS FOR ELEMENTARY TEACHERS.** (3) Fall, Spring.  
Numeration, whole numbers, integers, rational numbers, and number theory from an elementary school perspective. Topics are approached through problem-solving. Both content and pedagogy are emphasized. Does not count toward a major or minor in mathematics. Prerequisite: 105.

**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, theory of equations, determinants, and complex numbers. Prerequisite: 105 or its equivalent, or consent of instructor.

**152. PLANE TRIGONOMETRY.** (2) 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.  
An integrated course recommended for chemistry majors, preengineers, mathematics majors, and physics majors with a good background in mathematics. Students 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.

**200. ELEMENTARY STATISTICS.** (3) Fall, Spring.  
Elementary statistical techniques; descriptive statistics, elementary probability, probability distributions, estimation, hypothesis testing, regression, and correlation.



**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.** (3) Fall, Spring.

Rapid review of elementary algebra, linear functions and graphs, inequalities, simple and compound interest, annuities, systems of linear equations, and an introduction to probability. Prerequisite: 105, or its equivalent, or consent of instructor.

**225. MATHEMATICS IN THE ELEMENTARY SCHOOL.** (3) Fall, Spring.

Geometry probability and statistics from the elementary school perspective, followed by a unit on microcomputers. Prerequisite: 115 or consent of department chairman. Does not count toward a major or minor in mathematics.

**251. ANALYTICS AND CALCULUS II.** (5) Fall, Spring.

A continuation of 201. Prerequisite: 201.

**275. MATHEMATICAL THOUGHT.** (3) Fall, Spring.

Bridges the gap between the usual topics in elementary algebra, geometry, and calculus and the more advanced topics in abstract algebra, geometry, and analysis. Logic, methods of proof, and elementary topics from an advanced point of view are emphasized in order to develop critical thinking skills necessary for further mathematical study. Prerequisite: 251.

**301. ANALYTICS AND CALCULUS III.** (3) Spring.

A continuation of 251. Prerequisite: 251.

**306/506. FOUNDATIONS OF GEOMETRY.** (3) Fall.

An examination of Euclidean geometry with an introduction to non-Euclidean geometry. Corequisite: 275.

**313/513. LINEAR ALGEBRA.** (3) Fall.

Linear equations, matrices and vector spaces, linear transformations, determinants, rational and Jordan forms, inner product spaces, and bilinear forms. Prerequisite: 275.

**318/518. PROBABILITY.** (3) Spring.

Probability as a mathematical system, random variables and their distributions, limit theorems, and topics in statistical inference. Prerequisite: 275.

**323/523. MODERN ALGEBRA I.** (3) Fall.

Brief development of the complex number system beginning with the natural numbers. Abstract algebraic systems including groups, rings, fields, and integral domains. Prerequisite: 275.

**331/531. INTERMEDIATE ANALYSIS I.** (3) Spring of even years.

Real number systems, functions, sequences, additional topics in limits, continuity, differentiation, integration, infinite and power series, and uniform convergences. Prerequisite: 275 and 301.

**351/551. DIFFERENTIAL EQUATIONS.** (3) Spring.

Ordinary differential equations with applications. Prerequisite: 301. Physics 211-212 is highly recommended.

**367/567. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**400. ADVANCED TOPICS IN MATHEMATICS.** (3) Spring. Offered on sufficient demand.

Topics from such areas as number theory, algebra, graph theory, topology, statistics, and real or complex analysis. Prerequisite: 275 and consent of the instructor.

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**419/519. PROBABILITY AND STATISTICS.** (3) Intersession.

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.

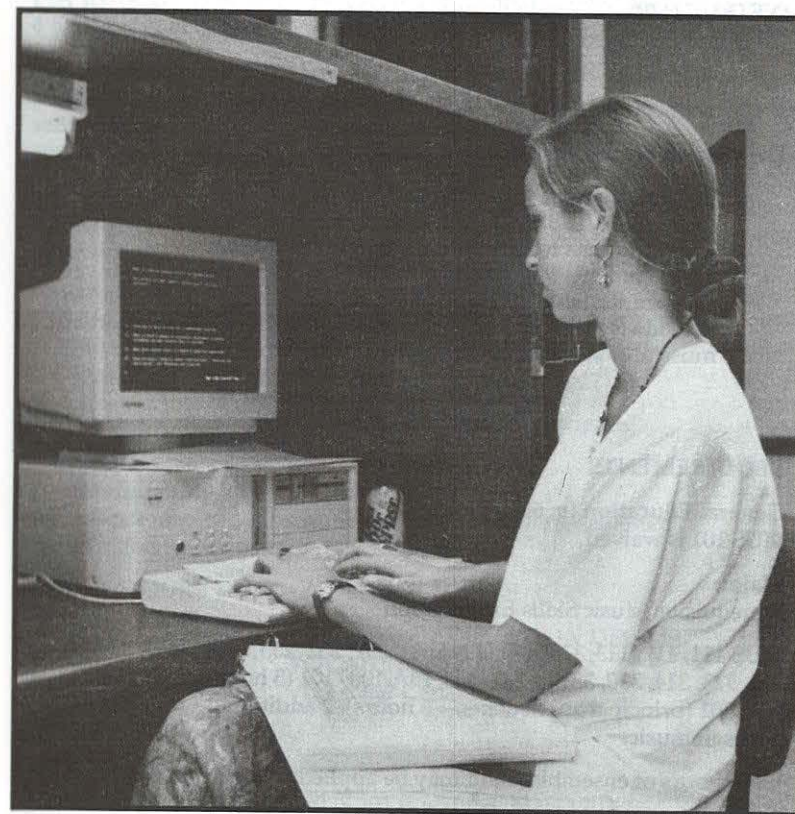
Partial differentiation, applications to geometry of space, maxima and minima, Lagrange's multipliers, indeterminate forms, elliptic integrals, line integrals, Green's theorem, and transformation of multiple integrals. Prerequisites: 275, 301 and consent of instructor.

**450/650. DIRECTED READINGS.** (1-3) Offered on demand.

Directed reading or project for senior mathematics majors or qualified graduate students. Prerequisite: Consent of department chairman.

**525. MATHEMATICS FOR THE ELEMENTARY TEACHER.** (3) Fall, Spring. Offered in conjunction with 225.

Geometry, probability, and statistics from the elementary school perspective, followed by a unit on microcomputers. Prerequisite: 115 or consent of department chairman.





**DEPARTMENT OF MUSIC**  
**CHAIRMAN: Arthur L. Shearin, D.M.A.**

**PROFESSORS:**

J. Warren Casey, Ph.D.  
 Director of Bands  
 Clifton L. Ganus III, D.M.A.  
 Director of Chorus and University Singers  
 William W. Hollaway, Ph.D.  
 Jeffrey T. Hopper, Ph.D.  
 Arthur L. Shearin, D.M.A.  
 Director of Concert Choir

**ASSOCIATE PROFESSORS:**

Neva White, M.M.  
 Patricia J. Cox, Ph.D.  
 Director of Orchestra

**INSTRUCTOR:**

Mark E. Hudson, M.M.  
 Director of Belles and Beaux

The mission of the Department of Music is to:

1. Prepare students to teach music in public and private schools (K-12 and college/university levels) and in private studios;
2. Train students for spiritual service in the church;
3. Train students for careers in musical performance;
4. Prepare students for graduate study in music;
5. Provide for the University community the enrichment afforded by musical experiences in a variety of cultures.

**BACHELOR OF ARTS DEGREE  
 MUSIC MAJOR (MUS)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> MUS 101 is waived.	52
<b>Major:</b> Prerequisite: Music Skills Examination	49
MUS 111, 112, 113, 114, 140 (4 hours), 251, 252, 253, 254, 311, 312, 313, 314, 330, 331 or 332, 408; PIA 100/101 (3 hours), 250; 101/301 (principal applied area—6 hours); 2 additional hours in music.	
Eight hours of ensemble credit may be applied toward this major.	
<b>Minor:</b>	18

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**Electives:**

<b>Remaining Bible:</b> BMIN 320 is recommended.	6
<b>TOTAL HOURS</b>	128

**BACHELOR OF MUSIC EDUCATION DEGREE  
 INSTRUMENTAL MAJOR (MEI)  
 (Teacher Certification)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take POLS 205. MUS 101 is waived. EDFD 203, required in place of PSY 201, is counted below in the hours required for the major.	49
<b>Major:</b> MUS 111, 112, 113, 114, 140 (4 hours), 215, 216, 217, 218, 251, 252, 253, 254, 311, 312, 313, 314, 330, 332, 337, 338, 403, 408, 411; PIA 100 or 101 (3 hours), 250; 101/301 (principal applied area 6 hours); GUI 101.	58
Wind and percussion players must participate in band every semester; string players must participate in orchestra every semester; two semesters in a choral ensemble; recital and concert attendance.	
An endorsement in vocal may be earned by completing 6 hours of voice/vocal pedagogy and four semesters in a choral ensemble.	
<b>Certification:</b> EDFD 201, 203, 307, 309, 320; SEED 308, 417, 426, 461, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).	32
MUS 311-314 satisfies the additional 3-hour social science certification requirement.	
<b>Remaining Bible:</b> Bible is not required during the supervised teaching semester. BMIN 320 is recommended.	
<b>TOTAL HOURS</b>	145

**BACHELOR OF MUSIC EDUCATION DEGREE  
 VOCAL MAJOR (MEVC)  
 (Teacher Certification)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take POLS 205. MUS 101 is waived. EDFD 203, required in place of PSY 201, is counted below in the hours required for the major.	49



**Major:**

MUS 111, 112, 113, 114, 140 (4 hours), 215 or 218, 216, 217, 251, 252, 253, 254, 258, 260, 311, 312, 313, 314, 330, 331, 403, 406, 408; PIA 100/101 (3 hours), 250; VOI 101/301 (6 hours); GUI 101.

Participation in a choral ensemble every semester and recital and concert attendance are required.

**Certification:**

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 426, 461, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

MUS 311-314 satisfies the additional 3-hour social science certification requirement.

**Remaining Bible:**

Bible is not required during the supervised teaching semester.

**TOTAL HOURS**

147

**MUSIC (MUS)**

100. PRIVATE MUSIC LESSONS. Noncredit. Fee: \$205.25.

101. MUSIC APPRECIATION. (2) Fall, Spring, Summer.

The role of music in the world, with attention given to correlative developments in other arts. Does not count toward any music degree.

111-112. THEORY I. (3, 3) Fall, Spring.

Partwriting, harmonization analysis, and keyboard exercises based upon the diatonic harmonies of major and minor keys. Corequisites: 113-114.

113-114. EAR TRAINING I. (1, 1) Fall, Spring.

Ear training, music reading, keyboard harmony and dictation based upon the diatonic harmonies of major and minor keys. Corequisites: 111-112.

116. MUSIC IN THE ELEMENTARY SCHOOL. (3) Fall, Spring, Summer.

Fundamentals of music; techniques and materials for music instruction in grades K-8. Registration is limited to non-majors; students pursuing the B.M.E. degree must take MUS 403.

131-139. PARTICIPATION IN MUSIC ENSEMBLE. (1) Fall, Spring.

Participation in music ensembles is open by audition to majors and non-majors. These courses are: 131 CHORUS, 132 CONCERT CHOIR, 133 BAND, 134 BELLES AND BEAUX, 135 CHAMBER ENSEMBLE, 136 STRING QUARTET, 137 UNIVERSITY SINGERS, 138 ORCHESTRA, and 139 JAZZ BAND.

140. MUSIC FORUM. (1 per year) Fall, Spring.

A weekly seminar designed for music majors, although non-majors may enroll. Focuses on music and issues not ordinarily considered in regular curricular offerings. Credit for year-long participation is ordinarily granted in the spring semester. Register for noncredit in the fall semester and for credit in the spring semester.

215, 216, 217, 218. CLASS BRASS, STRINGS, PERCUSSION, WOODWINDS. (1, 1, 1, 1) Fall, Spring, Fall, Spring.

Class instruction in the playing of band and orchestral instruments. Brass and strings will be taught in 1996-97; percussion and woodwinds will be taught in 1995-96. May be waived if proficiency is shown. Fee: \$17.25.

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251-252. THEORY II. (3, 3) Fall, Spring.

Partwriting, harmonization, analysis and modulation, involving chromatic alteration. Suggested corequisites: 253-254.

253-254. EAR TRAINING II. (1, 1) Fall, Spring.

Music reading, dictation, and analysis involving chromatic harmonies. Suggested corequisites: 251-252.

258. ORCHESTRATION/CHORAL ARRANGING. (2) Spring.

Scoring and arranging for orchestral ensembles; arranging for choral groups of two to five parts. Prerequisite: 251.

260. DICTION FOR SINGERS. (2) Spring.

The International Phonetic Alphabet and techniques of singing in Latin, Italian, German, and French.

261-262. ACCOMPANYING PRACTICUM. (1, 1) Fall, Spring.

A directed experience designed primarily for students whose principal performance area is piano. Supervision is given for accompaniment of private lessons and ensembles.

311/511. MUSIC—ANTIQUITY THROUGH RENAISSANCE. (3) Fall.

A historical survey of early music, with emphases on literature, analysis, and the place of music in world culture.

312/512. MUSIC—BAROQUE AND CLASSICAL. (3) Spring.

Music history, literature, analysis, and culture of the Baroque and Classical eras.

313/513. MUSIC—ROMANTIC AND POST-ROMANTIC. (3) Fall.

Manifestations of the Romantic spirit during the nineteenth century and into the period of the world wars.

314/514. MUSIC—THE MODERN ERA. (3) Spring.

Music of the twentieth century, with emphasis on new developments and cultural awareness.

330. CONDUCTING. (1) Fall.

Techniques of conducting instrumental and choral ensembles. Subscription to *The Choral Journal* or *The Instrumentalist* required.

331. CHORAL CONDUCTING. (2) Spring.

Choral conducting techniques, rehearsal procedures, musical interpretation, repertory, program building, and voice classification. Emphasis on the problems of high school choruses. Prerequisites: 252 and 330.

332. INSTRUMENTAL CONDUCTING. (2) Spring.

Preparation for the conducting of the high school band. Includes baton technique and rehearsal procedures. Prerequisites: 252 and 330.

337-338. INSTRUMENTATION. (1, 1) Fall of even years; spring of odd years.

Scoring and arranging for instrumental ensembles with emphasis on the concert band.

367. COOPERATIVE EDUCATION. (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

403. ELEMENTARY MUSIC METHODS. (3) Fall.

Techniques and materials for instruction planning for grades K-8, utilizing aspects of various teaching approaches, including Orff, Kodaly, Dalcroze, and eclectic. Student membership in MENC required.

404/504. PIANO PEDAGOGY AND REPERTORY. (3) Offered on sufficient demand.

Study of teaching techniques and survey of standard literature for the piano.



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**405/505. STRING PEDAGOGY AND REPERTORY.** (3) Offered on sufficient demand.  
Study of teaching techniques and survey of standard literature for strings.

**406/506. VOCAL PEDAGOGY.** (2) Fall.

Applied voice teaching techniques for individuals, small ensembles, and large ensembles.

**408. COMPOSITION.** (2) Fall.

Exercises in musical composition with emphasis on developing technologies.

**411. INSTRUMENTAL ADMINISTRATION.** (1) Fall.

Budgeting, repair, marching and concert band organization, school orchestra music, organizing parent groups, auditioning. For instrumental music education majors.

**450/650. INDEPENDENT STUDY.** (1-3) Offered on sufficient demand.

Independent study on selected topics in music. Prerequisite: Consent of the instructor and department chairman.

### **APPLIED MUSIC (BRS, GUI, PERC, PIA, STR, VOI, WWND)**

Private instruction is offered in guitar, piano, and voice, and in brass, percussion instruments, string, woodwind. In private study, one 30-minute lesson per week plus one hour of practice per day (70 per semester) are recommended for one hour of credit. An hour lesson per week and two hours of practice per day (140 per semester) are recommended for two hours of credit. For private piano, two hours of group instruction per week may be substituted for the 30-minute lesson.

Special fees are charged for all applied music courses. For each course, there is a private lesson fee. In addition, students who use departmental facilities to practice piano and voice must pay a piano rental fee of \$34.75 per credit hour. Special fees in music generally are non-refundable, and refunds, whether full or partial, must be approved by the department chairman.

The normal number of lessons per week in any one performance area is one. Make-up lessons are given for lessons which are missed by the teacher or by you if your absence is excused.

In addition to regular lessons and practice periods, all applied music students, regardless of major, are required to attend and perform on the departmental Studio Hour, held on Tuesdays at 3:00, and to perform on jury examinations at the close of every semester, unless they have performed a solo recital during that semester.

Course prefixes and names are assigned according to the type of private instruction being taken (BRS—Brass, PIA—Piano, VOI—Voice, WWND—Woodwind). Students in their first through fourth semesters in a given applied area take 101. Those already having taken four or more semesters in that area take 301.

**PIA 100. CLASS PIANO.** (1) Fall, Spring.

Group instruction in the fundamentals of keyboard reading and playing. May be repeated. Fee: \$168.00.

**PIA 250. PIANO PROFICIENCY EXAMINATION.** (1) Fall, Spring.

A performance examination in rudimentary keyboard skills.

**VOI 100. CLASS VOICE.** (1) Offered on sufficient demand.

Group instruction for beginning voice students emphasizing vocal techniques, methods, and physiology. Students who pass VOI 100 should proceed to take VOI 101. Fee: \$156.50.

**101, 301. PRIVATE LESSONS.** (1-2) Fall, Spring.

Fee: \$170.25 for half-hour private lesson per week; \$296.75 for hour private lesson per week.

## **DEPARTMENT OF PHYSICAL SCIENCE**

**CHAIRMAN: David Cole, Ph.D.**

### **DISTINGUISHED PROFESSOR:**

James Donald England, Ph.D.

### **PROFESSORS:**

David Cole, Ph.D.

James E. Mackey, Ph.D.

Lambert E. Murray, Ph.D.

Carroll W. Smith, Ph.D.

Edmond W. Wilson Jr., Ph.D.

Robert Roy and Callie Mae Coons Chair of Biomedical Science

### **ASSOCIATE PROFESSOR:**

William W. Ryan Jr., Ph.D.

### **ASSISTANT PROFESSORS:**

Terry Fletcher, Ph.D.

Marsha Hendricks, Ph.D.

\*Keith Schramm, M.S.

\*On leave of absence.

The mission of the Department of Physical Science is to:

1. Increase the general culture of all students;
2. Prepare high school science teachers;
3. Provide basic training for preprofessional students in medicine, engineering, and other professional fields;
4. Prepare biochemistry, chemistry, and physics majors for graduate study or industrial work.

The bachelor of science degree is awarded to biochemistry, chemistry, and physics majors. The bachelor of arts degree with a major in general science with emphasis in chemistry is awarded to students certifying to teach. Minors are offered in chemistry and physics.

As a rule, students with ACT math scores 29 and below (O-SAT 630 and below; R-SAT 630 and below) need leveling work before taking MATH 201. Students with ACT math scores between 19 and 24 (O-SAT between 410 and 530; R-SAT between 450 and 550) should take MATH 151 (4 hours) and 152 (2 hours); those with ACT math scores between 25 and 29 (O-SAT between 540 and 630; R-SAT between 560 and 630) should take MATH 171 (5 hours). Leveling work decreases the hours of electives in the biochemistry, chemistry, and physics majors and increases the total hours in the general science major.

A non-refundable fee of \$33.00 is required in each course that has a laboratory.



# **BACHELOR OF SCIENCE DEGREE BIOCHEMISTRY MAJOR (BIOC)**

## **REQUIREMENTS**

### **General Education (p. 60):**

Do not take BIOL 111, 113; PH S 111, 112, 113, 115, 116; MATH 200. These courses do not count toward the major. General education requirements for biology, physical science, and mathematics are counted below in the hours required for the major.

### **Major:**

41 hours of CHEM 121, 122, 261, 301, 302, 310, 315, 324, 325, 326, 327, 411, 412.

27 hours of PHYS 211, 212, MATH 201, 251, COMP 150 or CHEM 350, BIOL 259, PH S 410.

MATH 301, 351, and PHYS 301 are recommended.

### **Electives:**

Math leveling work, if needed, decreases electives by 5-6 hours.

### **Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. It should be taken in the spring of the senior year.

## **TOTAL HOURS**

# **BACHELOR OF SCIENCE DEGREE CHEMISTRY MAJOR (CHEM)**

## **REQUIREMENTS**

### **General Education (p. 60):**

Do not take BIOL 111, 113; PH S 111, 112, 113, 115, 116; MATH 200. These courses do not count toward the major. General education requirements for biology, physical science, and mathematics are counted below in the hours required for the major.

### **Major:**

CHEM: 35 hours, including 121, 122, 261, 301, 302, 310, 411, 412, and 6 additional upper-level chemistry hours.

34 hours of other required courses, including BIOL 121 or 259; PHYS 211, 212; MATH 201, 251; COMP 150 or CHEM 350; PH S 410; 7 additional hours of science and mathematics.

CHEM 315, MATH 301, 351, and PHYS 301 are recommended.

### **Electives:**

Math leveling work, if needed, decreases electives by 5-6 hours.

### **Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible

## **HOURS**

45

68

9

6

128

## **HOURS**

45

69

8

6

Requirement in the semester it is taken. It should be taken in the spring of the senior year.

## **TOTAL HOURS**

128

Minor in Chemistry: 18 hours, including 6 upper-level hours.

# **BACHELOR OF SCIENCE DEGREE PHYSICS MAJOR (PHYS)**

## **REQUIREMENTS**

### **General Education (p. 60):**

Do not take PH S 111, 112, 113, 115, 116; MATH 200. These courses do not count toward the major. General education requirements for physical science and mathematics are counted below in the hours required for the major.

### **Major:**

PHYS: 35 hours, including 211, 212, 301, 310, 325, 350, 412, 425, 431, 444; 1 hour of advanced laboratory; 3 additional upper-level hours.

34 hours of other required courses, including CHEM 121, 122; MATH 201, 251, 351; COMP 150 (3) or 170 (5); PH S 410; 6-8 additional hours of science, computer science, and mathematics.

COMP 328 is strongly recommended. A double major in physics and mathematics or computer science is also strongly recommended.

### **Electives:**

Math leveling work, if needed, nullifies electives.

### **Remaining Bible:**

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. It should be taken in the spring of the senior year.

## **TOTAL HOURS**

128

Minor in Physics: 18 hours, including 6 upper-level hours.

# **BACHELOR OF ARTS DEGREE GENERAL SCIENCE (WITH EMPHASIS IN CHEMISTRY) MAJOR (GNSC) (Teacher Certification)**

## **REQUIREMENTS**

### **General Education (p. 60):**

Do not take BIOL 111, 113; PH S 115, 116. These courses do not count toward the major.

## **HOURS**

42



General education requirements for biology, physical science, and mathematics are fulfilled in the major course requirements listed below.

EDFD 203, required in place of PSY 201, is counted below in the requirements for certification. You must take 3 hours of social science/global literacy from ANTH 250, SOCS 301, GEOG 302 or 303 for the 3-hour additional social science requirement.

#### Major:

CHEM: 20 hours, including 121, 122, 310 and 11 additional hours.

46 hours of other required courses, including BIOL 121, 122, 250, 259; COMP 150 or CHEM 350; MATH 171, 200; PHYS 201, 202 or 211, 212; PH S 111, 112, 113, 410 and 1 additional hour of science, mathematics, or computer science.

Math leveling work, if needed, increases the total hours in the degree.

#### Certification:

EDFD 201, 203, 307, 309, 320; SEED 308, 417, 428, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).

#### Remaining Bible:

PH S 410, counted above in the major, satisfies the Bible requirement in the semester it is taken. It should be taken in the spring of the senior year. Bible is not taken during the supervised teaching semester.

#### TOTAL HOURS

#### CHEMISTRY (CHEM)

##### 114-115. GENERAL CHEMISTRY. (4, 4) Fall, Spring.

Chemistry 114 includes basic inorganic concepts and 115 presents a survey of organic chemistry and applications to biological systems. Prerequisites: For freshmen, an ACT English subscore of 16 (O-SAT of 300; R-SAT of 380) and an ACT math subscore of 16 (O-SAT of 330; R-SAT of 380). CHEM 114 with a recommended grade of "C" is prerequisite to 115. Credit is not granted in both 115 and 122.

##### 121-122. COLLEGE CHEMISTRY. (4, 4) Fall, Spring.

Theoretical and quantitative principles of inorganic chemistry including laboratory qualitative analysis. Prerequisites: One year of high school chemistry or 114, and MATH 151 or higher; these may be taken concurrently. CHEM 121 with a recommended grade of "C" is prerequisite to 122. Credit is not granted in both 115 and 122.

##### 261. ANALYTICAL CHEMISTRY. (4) Fall.

Qualitative and quantitative chemical separations and analyses emphasizing chemical equilibrium, gravimetric, and volumetric analysis. Two class periods and 6 hours laboratory per week. Prerequisite: 115 or 122.

##### 271. ORGANIC CHEMISTRY PRINCIPLES. (4) Fall.

A one-semester study of organic chemistry. Designed for students of biology, family and consumer sciences, nursing, education, and preprofessional curricula requiring

only 4 hours of organic chemistry. Approved by NAACLS for medical technology majors. Three class periods and 4 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 4 hours laboratory per week. Prerequisite: 122. Prerequisite for 302 is 301. A grade of "C" or higher is recommended before advancing from 301 to 302.

##### 310. CHEMICAL COMMUNICATIONS. (1) Fall, Spring.

Sources of information in the field of chemistry, use of chemical literature, and departmental seminar. Required of all junior and senior majors, but credit earned only in the senior year. Enrollment for credit must be approved by the chairman.

##### 315. INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS. (4) Spring.

Electronics and operational amplifier circuitry; signal-to-noise ratios and signal conditioning. Origin and interpretation of ultraviolet-visible and infrared spectrophotometry, as well as instrumental considerations for these spectral regions. Theory and techniques of atomic absorption spectroscopy, gas chromatography, and high-performance liquid chromatography. Spreadsheet, word processing, and online computer literature search experience are included. Two class periods and two 3-hour laboratories per week. Prerequisites: 261. Physics 201 or 211 is recommended.

##### 324. BIOCHEMISTRY I. (3) Spring.

Basic concepts of the chemistry and intermediary metabolism of carbohydrates, lipids, proteins, nucleic acids, vitamins, and hormones are considered with special consideration given to biochemical energetics and molecular biochemistry. Three class periods per week. A minimum grade of "C" is highly recommended. 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.

##### 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.

Exercises which build upon the physical and bioorganic applications of biochemistry. Prerequisites: 261, 325 and enrollment in or credit in 326.

##### 350. MICROCOMPUTER INTERFACING. (3) Spring.

Microcomputer interfacing, analog-to-digital conversion, and computer electronics. Prerequisite: Consent of the instructor. Credit is not granted for both CHEM 350 and PHYS 350.

##### 405/505. RESEARCH TECHNIQUES. (1 or 2) Fall, Spring.

Inorganic, organic, analytical, radioisotope, physical, and biochemical research projects are chosen according to student goals and staff interests. A minimum of 3 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. Prerequisites: Junior standing and consent of faculty member who will advise. Fee: \$56.50.

##### 411/511-412/512. PHYSICAL CHEMISTRY. (4, 4) Fall, Spring.

States of matter, thermodynamics, equilibria, kinetics, electrochemistry, spectroscopy, and quantum mechanics. Three class periods and 4 hours laboratory per week. Prerequisites: 261 and 302, PHYS 211-212 and MATH 251.



**111. EARTH SCIENCE. (3) Fall, Spring.**

Philosophy and methodology of science. Overview of geology, meteorology, and astronomy. Recommended for the general education requirement for elementary education majors.

**112. GEOLOGY. (3).**

Overview of minerals and rocks, land forms, and the geological processes that shape the earth.

**113. ASTRONOMY AND SPACE SCIENCE. (3).**

Historical perspectives and current interpretations of philosophy and methodology of science with emphasis on astronomical phenomena, including direct observational experiences. Celestial phenomena. Overview of the earth, the solar system, stars, and the universe, with science principles applied to astronomy.

**115. ENERGY, POLLUTION, AND SOCIETY. (3).**

Philosophy and methodology of science with emphasis on energy generation, distribution, utilization, and conservation in modern society.

**116. PHYSICAL SCIENCE. (3).**

Recommended for the general education requirement for elementary education majors. Credit is not granted in PH S 116 if credit is received for any other physics or chemistry course.

**367/357. COOPERATIVE EDUCATION. (1-6) Offered on demand.**

See Cooperative Education catalog section (p. 58).

**410. CHRISTIAN VIEW OF SCIENCE AND SCRIPTURE. (2 or 3) Spring.**

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. Required of all B.S. science and mathematics majors and B.A. biology and general science majors.

## PHYSICS (PHYS)

**201-202. GENERAL PHYSICS. (4, 4) Fall, Spring.**

Beginning physics course primarily for preprofessional programs. Mechanics, thermodynamics, acoustics, optics, and electricity. May not be applied to a major or minor in physics without approval of the department chairman. Three hours lecture and 3 hours laboratory per week. Prerequisite: MATH 151, 152, or equivalent. Credit in both 201-202 and 211-212 will not be granted. Prerequisite for 202 is 201. A grade of "C" or higher is recommended before advancing from 201 to 202.

**211-212. ENGINEERING PHYSICS. (4, 4) Fall, Spring.**

Beginning physics course for physical science and mathematics majors and preengineers. Provides a basis for further studies in physics. Mechanics, thermodynamics, acoustics, optics, and electricity. Three hours lecture and 3 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. Prerequisite for 212 is 211. A grade of "C" or higher is recommended before advancing from 211 to 212.

**301. MODERN PHYSICS. (4) Fall.**

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 and 3 hours laboratory per week. Prerequisites: 201-202 or 211-212 and MATH 251.

**305. ELECTRONICS. (2) Offered on sufficient demand.**

Digital and analog circuits. Digital gates and operational amplifiers and how to interconnect these devices to make electronic devices. Some knowledge of Ohm's law and basic electricity is helpful but not required. Three to 5 hours laboratory per week. Prerequisite: Consent of the instructor.

**310. PHYSICS COMMUNICATIONS. (1) Fall, Spring.**

Sources of information in the field of physics, the use of physics literature, and departmental seminar. Required of all junior and senior majors, but credit is earned only in the spring semester of the senior year. Enrollment for credit must be approved by the chairman.

**311. OPTICS. (3) Spring. Offered on sufficient demand.**

A study of geometrical and physical optics, including a rigorous treatment of optical instruments. Three class periods per week. Prerequisites: 201-202 or 211-212 and MATH 301. The latter may be taken concurrently.

**312. APPLIED MATHEMATICS FOR SCIENCE AND ENGINEERING. (3) Fall.**

Mathematical techniques employed in the study of physics. Topics vary according to background of the students and normally include Fourier series, complex analysis, calculus of variations, and integral transforms. Prerequisite: MATH 301.

**325. ANALYTICAL MECHANICS. (3) Spring.**

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. PHYS 312 is strongly recommended.

**350/550. MICROCOMPUTER INTERFACING. (3) Spring.**

Microcomputer interfacing, analog-to-digital conversion, and computer electronics. Prerequisite: Consent of the instructor. Credit will not be granted for both PHYS 350 and CHEM 350.

**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. Prerequisites: 211-212 and enrollment or credit in some course beyond general physics, or consent of the instructor.

**412/512. ELECTROMAGNETIC THEORY. (3) Spring.**

A full vector treatment of electrostatics and magneto statics based on a rigorous development of Maxwell's equations from experimental laws. The electromagnetic wave equation is developed from Maxwell's equations and applied to simple systems. Prerequisites: 212, 312.

**415/515. ADVANCED LABORATORY. (1) Offered on demand.**

Selected experimental problems of an advanced undergraduate level from various areas of physics. No fewer than 3 laboratory hours per week. May be taken twice for credit. Prerequisite: Advanced standing in physics and approval of instructor.

**425/525. THERMODYNAMICS AND STATISTICAL MECHANICS. (3) Spring of even years.**

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.

**431/531. QUANTUM MECHANICS. (3) Spring of odd years.**

Formulation of nonrelativistic quantum mechanics and its applications. Prerequisites: 301, MATH 351, or CHEM 412, or consent of the instructor.

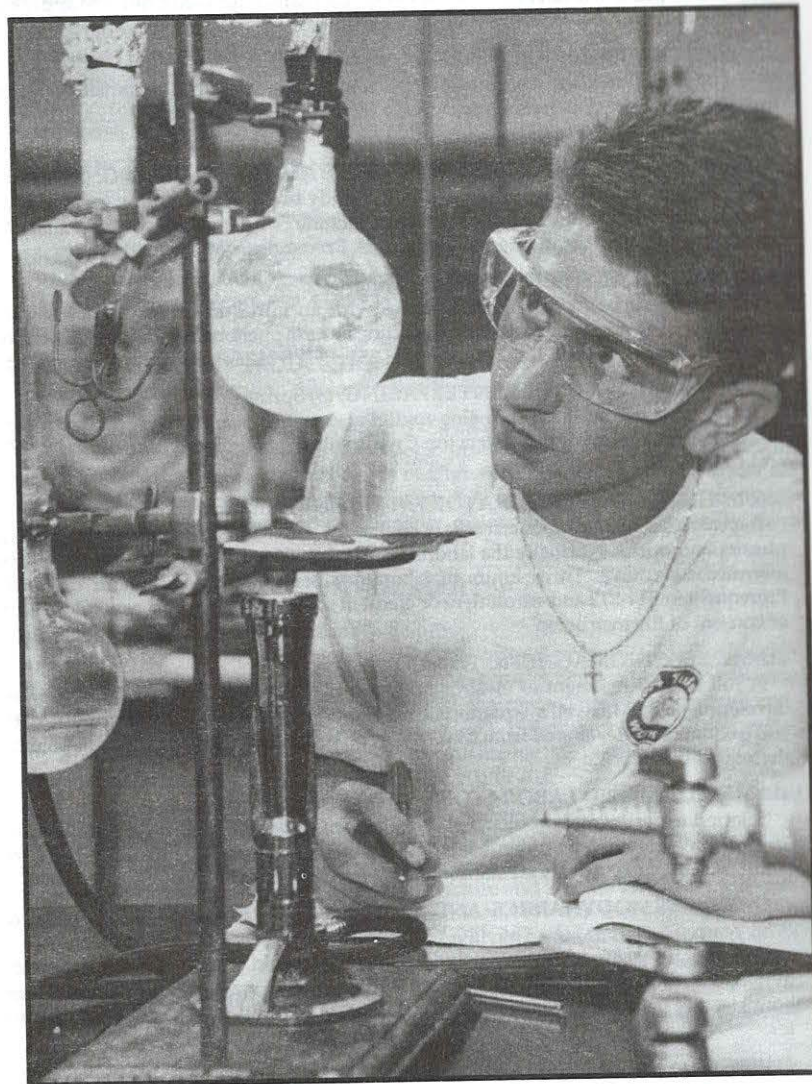


**444/544. SELECTED TOPICS. (3)** Fall of odd years.

Various advanced topics in physics selected 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.



**COLLEGE OF BIBLE AND RELIGION**

DEAN: Carl G. Mitchell, Ph.D.

**PROFESSORS:**

Allan Isom, Ed.D.

Associate Dean for Programs

Director of Church Relations

Bill Lambert, Ed.D.

Director of Harding School of Biblical Studies (HSBS)

Carl G. Mitchell, Ph.D.

Lewis L. Moore, Ph.D.,

Chairman of Marriage and Family Therapy

Edward P. Myers, D.Min., Ph.D.

L.V. Pfeifer, M.Div., M.Th.

J. Paul Pollard, Ph.D.

Neale T. Pryor, Th.D.

Vice President for Academic Affairs

Don Shackelford, Th.D.

Dean of International Programs

Van Tate, Ph.D.

Duane Warden, Ph.D.

Will Ed Warren, M.A.R.

Flavil Yeakley, Ph.D.

Director of Center for Church Growth

Director of Outcomes Assessment

**ASSOCIATE PROFESSORS:**

Thomas C. Alexander, Ph.D.

Associate Dean

Eddie Cloer, D.Min.

Tom Eddins, M.Th.

Joe Dale Jones, M.A.

Ken Miller, Ed.D.

Kenneth V. Neller, Ph.D.

William Richardson, D.Min.

**ASSISTANT PROFESSORS:**

Jerry Bowling, M.Div.

Joe Brumfield, M.A., M.Th.

Ross Cochran, Ph.D.

Monte Cox, M.A.

John Fortner, M.Th., M.Phil.

Adrian Hickmon, Ph.D.

Vann Rackley, Ph.D.

Dan Stockstill, M.Th.

**MISSIONARIES IN RESIDENCE:**

Mark Berryman, M.Ed. (International)

Gordon Hogan (International)

Owen Olbricht, M.R.E. (Domestic)



## ASSISTING FROM OTHER DEPARTMENTS:

### PROFESSORS:

Cliff Ganus III, D.M.A.  
Duane McCampbell, Ph.D.

### ASSOCIATE PROFESSOR:

Paul Haynie, Ph.D.

### LECTURER:

Janet Fortner, M.A.

The mission of the College of Bible and Religion is to equip all students with a knowledge of the Bible in order that their lives may be firmly founded upon a personal Christian faith. Such faith must include a thorough integration of Biblical truth and life-experience, regardless of major.

In order to accomplish this mission, the College is committed to:

1. Awaken and deepen students' faith in God, and in the Bible as the revelation of His will;
2. Motivate students to study the Bible within a context of sound interpretation;
3. Train and motivate students for service in the local church, for Christian living, and for communicating their faith to others;
4. Teach students to think clearly and deeply about life and the implications of the Christian faith, so that they might formulate a well-rounded philosophy of life with clearly defined purposes, values, and goals;
5. Provide students multiple opportunities for meaningful experience in the development of Christian character while on campus;
6. Teach Greek, Hebrew, and other skills necessary for primary Biblical exegesis;
7. Train students for service in ministry settings, including preaching, missions, religious education, youth ministry, teaching the Bible in an academic setting, and vocational ministry.

**Bible major transfer policies:** Students who transfer from other colleges or universities and who major in Bible are required to take 10 upper-level hours in Bible at Harding. Six of these must be in the Old and New Testament divisions and the remaining four distributed according to the recommendation of the dean.

Students who have earned credit in Bible from an accredited college or university affiliated with Churches of Christ may transfer any course equivalent to an HSBS course provided that a grade of "C" was earned.

**Schools of preaching:** Graduates from two-year schools of preaching who enter Harding may apply for up to 40 hours of credit in Bible, Biblical languages, and missions courses. The procedure is to (1) Enroll at Harding; (2) Submit a transcript to the dean of the College of Bible and Religion; and (3) Present a letter of request to the dean, who then determines the validation process. There is a \$10 recording fee for each course accepted.

Students who transfer from such schools will be regulated by the following policy in pursuing a baccalaureate degree:

1. The dean of the College of Bible and Religion directs the validation procedure and sends to the registrar a list of the courses, with hours of credit earned, that he has approved for validation.
2. A course in which a "C" has been earned must be validated by earning at least a "C" on a test at Harding. Courses in which a "D" was earned cannot be validated.
3. You must meet the 32-hour residence requirement and the requirement that 23 of the last 32 hours required for the degree be completed at Harding.
4. Students who have already earned a degree from Harding must complete an additional 18 hours for a degree in Bible.
5. You must take 10 upper-level hours in Bible as stipulated by the dean. Depending upon the number of hours transferred and/or validated, many more hours may be required.
6. You must complete all of the requirements for a B.A. degree in Bible.

### HARDING SCHOOL OF BIBLICAL STUDIES (HSBS)

The Harding School of Biblical Studies is an accelerated program in Bible and ministry for students 21 and older. Four tracks of study promote increasing standards of academic achievement. All of these require the completion of a 103-hour uniform HSBS curriculum.

Information concerning this program may be obtained by writing Dr. Bill Lambert, Director, Harding University School of Biblical Studies, 900 East Center Avenue, Box 839, Searcy, AR 72149-0001 or calling (501) 279-4290.

#### Harding School of Biblical Studies curriculum (103 hours):

BDOC 252 (3), 351 (2), 353 (3), 355 (2), 356 (2);  
BHIS 340 (3), 341 (2), 343 (2);  
BLAN 171 (4), 172 (4), 271 (3);  
BMIN 121 (3), 321 (3), 324 (2), 325 (3), 326 (2), 328 (2), 420 (3), 422 (3);  
BMIS 280 (2), 386 (2), 480 (2);  
BNEW 112 (2), 211 (2), 213 (2), 310 (3), 312 (3), 314 (2), 315 (3), 316 (3), 317 (2), 318 (3), 319 (3);  
BOLD 101 (2), 303 (3), 304 (2), 305 (3), 307 (2);  
BRED 330 (2), 333 (2);  
BRES 363 (1 hour each in Computers in Ministry and Stress Management).

Students who complete Tracks 3 and 4 have degrees conferred. Those in Tracks 2, 3, and 4 receive diplomas at University commencement.

#### Track 1: Certificate in Bible and Ministry.

Track 1 is a non-credit, non-degree-granting program. Students who have not earned a high school diploma or completed a GED but who meet all other Harding admission requirements are admitted as special students to Harding and HSBS. Upon completion of the 103-hour HSBS curriculum, a certificate of achievement is awarded.



**Track 2: Diploma in Bible and Ministry.**

Track 2 is a credit, non-degree-granting program. Students must meet all admission requirements to Harding and HSBS. The 103-hour HSBS curriculum must be completed for credit with a GPA of 2.0. In addition, as determined by testing and performance evaluation, general education courses may be required in order to develop skills in analytical and critical thinking, problem-solving, organization, communication, personal adjustment, interpersonal relations, and cultural awareness. Upon completion of the HSBS curriculum and other prescribed courses, a diploma in Bible and ministry is awarded. No degree is earned.

**Track 3: Bachelor of Ministry Degree with Major in Bible and Ministry.**

Track 3 is an academic degree commensurate to other baccalaureate degrees awarded by the University. Students must meet all admission requirements to Harding and HSBS. The 103-hour HSBS curriculum must be completed for credit with a GPA of 2.0. The general education requirements must be completed by taking 25 specified hours. All of Harding's graduation requirements must be met. Program requirements are as follows:

**BACHELOR OF MINISTRY DEGREE  
BIBLE AND MINISTRY MAJOR (BMIN)**

**REQUIREMENTS****General Education (p. 60):**

BIOL 111 (3); KINS 101 (1) and two activity courses (2); one course from HIST 101, 102, 111 (3); ART 101 (2); MUS 101 (2); ENG 201 or 202 (3); one course from PH S 111, 112, 115 (3); MATH 200 or any course from MATH 151 or above (3); one course from ECON 201, SOC 203, POLS 205 (3).

The following HSBS equivalent courses satisfy the remaining general education requirements: BOLD 101 (2); BNEW 112 (2); BNEW 211 (2); BNEW 213 (2); BMIN 121 (3) for ENG 111; BMIN 326 (2) and 328 (2) for ENG 211; BMIN 325 (3) for COMO 101; BMIN 321 (3) and BRES 363 (1-stress management) for PSY 201; BHIS 340 (3) for HIST 110; BMIS 280 (2), BMIS 386 (2), and 480 (2) for global literacy.

**Bible and Religion:**

Completion of the HSBS curriculum.

**TOTAL HOURS****HOURS**

25

103

128

**Track 4: Bachelor of Theology Degree with Major in Bible and Ministry.**

The bachelor of theology degree is for students who already hold a baccalaureate degree from an accredited college or university and who plan eventually to pursue graduate programs in Bible and ministry and/or enter the ministry.

Requirements consist of the following: (1) Admission to Harding and the HSBS program; (2) A baccalaureate degree from an accredited college or university; (3) Completion of the 103-hour HSBS curriculum with a GPA of 2.5; (4) As determined by testing and performance evaluation, completion of general education courses prescribed in order to develop skills in analytical

and critical thinking, problem solving, organization, communication, personal adjustment, interpersonal relations, and cultural awareness; (5) Completion of a practical research project in ministry with an essay that is acceptable to a faculty committee of three; (6) Completion of an exegetical research project with an essay that is acceptable to a faculty committee of three.

Upon completion of the requirements listed above, the bachelor of theology degree with a major in Bible and ministry is awarded.

**MISSION PREPARE**

Mission Prepare is a program which provides up to four years of training, including an undergraduate major in missions; a continuing education program; Mission Prepare internships; and a two-year apprentice experience, Harding Outreach Program of Evangelism (HOPE). Any regularly enrolled student may participate in these activities.

Special projects of Mission Prepare include a Missions Research Center and coordination of field survey trips, evangelistic campaigns, and HOPE.

**GRADUATE PROGRAMS**

**Master of Arts in Religion Degree:** The master of arts in religion is a practitioner degree in ministry emphasizing Biblical studies. It is a practical rather than a research-oriented degree designed especially for workers in Christian service who can spend two years in graduate training. The M.A.R. degree is especially designed for persons presently involved in some relationship to a local church, which serves as a "living laboratory" for development and application of learning. Others, however, may also pursue this degree. The M.A.R. degree is of course beneficial as preparation for further graduate study.

Admission requirements include an undergraduate degree from an institution accredited by an appropriate regional association, 24 semester hours in Bible and related subjects with a GPA of 2.7, and one year of Greek with a minimum grade of "C." Students with a GPA below 2.7 may be admitted on probation and will proceed to regular status after nine semester hours of satisfactory work. Students lacking prerequisite courses are required to do leveling work.

Thirty-six hours of graduate study are required for the M.A.R. degree, including a research project, a copy of which must be placed in the University library. Classes are scheduled in such a manner that they interfere as little as possible with daytime work responsibilities.

**Master of Science in Marriage and Family Therapy Degree:** The purpose of the master of science in marriage and family therapy degree is to prepare students with the professional competency to minister to families and individuals through counseling in local church ministries and professional practices.

The M.F.T. degree consists of 60 semester hours of course work and 500 hours of clinical practice, most involving couples or families. One hundred of these



hours are under the direct supervision of supervisors approved by the American Association of Marriage and Family Therapy (AAMFT). The curriculum meets the standards of AAMFT and features systems theory.

Persons admitted to this program must hold a bachelor's degree from an accredited college or university with an undergraduate GPA of 2.75. Applicants with less than a 2.75 GPA may be considered for admission on the basis of relevant work experience. A minimum of 900 is required on the Graduate Record Examination (General Aptitude) in combined verbal and quantitative scores.

Applicants to the M.F.T. program should complete a major in one of the behavioral sciences (psychology, sociology, or a closely related field). Background course work in learning theory, personality theory, behavior pathology, measurement, human development, and family relations is also recommended. Six semester hours of work in the behavioral sciences is required. Students who are deficient in these requirements may be asked to do leveling work.

Upon completion of two semesters in the program, students are reviewed by the MFT committee who assess preparation for clinical practica. Students are notified in writing if additional preparation is required prior to beginning the first clinical practicum.

#### HARDING GRADUATE SCHOOL OF RELIGION

The Harding Graduate School of Religion, located at 1000 Cherry Road at Park Avenue, Memphis, Tennessee 38117, confers the following degrees: master of arts, master of arts in religion (Track 1), master of arts in religion (Track 2), master of arts in counseling, master of divinity, and doctor of ministry. Information about the program may be obtained upon request from the graduate school.

Students within 8 hours of graduation may transfer 6 hours of Bible from the Searcy campus to the graduate school as graduate credit.

#### BACHELOR OF ARTS DEGREE BIBLE AND RELIGION MAJOR (BIB)

##### REQUIREMENTS

##### General Education (p. 60):

Bible is counted below in the hours required for the major.  
BMIS 386 is strongly recommended for global literacy.

##### Major:

BDOC 252 and 353; BHIS 341, and 340 or 344; BLAN 171, 172, 271; BMIN 321, 325 (3), 324 or 326, 420; BMIS 381; BNEW 112, 410; three courses from BNEW 312, 314, 317 and BOLD 303, 305 (at least one from each division); BOLD 101, 402; BRED 234, 330; BRES 260 and 2 hours from 361-367; 1 hour from BMIN 327, BRED 337, BMIS 387.

In courses with variable credit, 2 hours are required unless otherwise noted. BNEW courses may be satisfied by BLAN 272, 370, 371, 374, and/or 376. In special cases, by consent of the dean, Hebrew may be substituted for Greek or an alternative procedure may be arranged. Twelve hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 68 unless an additional Bible major is sought.

##### Electives:

##### TOTAL HOURS

Minor in Bible and Religion: 18 hours, 6 of which must be upper-level, with 10 from the Old and/or New Testament division, 2 from the Doctrinal and/or Historical division, and 2 from the Ministry and/or Religious Education division.

#### BACHELOR OF ARTS DEGREE BIBLE AND RELIGION FOR WOMEN MAJOR (BIBW)

##### REQUIREMENTS

##### General Education (p. 60):

Bible is counted below in the hours required for the major.  
BMIS 386 is strongly recommended for global literacy.  
Since this course is also required in the major, taking it thus allows the taking of 2 hours of additional electives.

##### Major:

BDOC 252, 353; BHIS 341, and 340 or 344; BLAN 171, 172, 271; BMIN 321, 329, 421; BMIS 381, 386; 1 hour from BMIS 387, BRED 337; BNEW 112; three courses from BNEW 312, 314, 317 and BOLD 303, 305 (at least one from each division); BOLD 101; 6 elective hours in BNEW and BOLD; BRED 234, 330, and 331 or 332; BRES 260 and 1 hour from 361-367.

HOURS

46

56

26

128

HOURS

46

58



In courses with variable credit, 2 hours are required unless otherwise noted. BNEW courses may be satisfied by BLAN 272, 370, 371, 374, and/or 376. In special cases, by consent of the dean, Hebrew may be substituted for Greek or an alternative procedure may be arranged. Twelve hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 70 unless an additional Bible major is sought.

Electives:

**TOTAL HOURS**

**BACHELOR OF ARTS DEGREE  
BIBLICAL LANGUAGES MAJOR (BIBL)**

**REQUIREMENTS**

**General Education (p. 60):**

Bible is counted below in the requirements for the major.

BMIS 386 is strongly recommended for global literacy.

**Major:**

BHIS 343; BLAN 171, 172, 271, 471, 176, 177, and 13 hours from 272, 370, 371, 374, 376, 275; BMIN 325 or 329; BMIS 381; BNEW 112, 410; BOLD 101, 402; 1 hour from BMIN 327, BMIS 387, BRED 337; BRES 260.

In courses with variable credit, 2 hours are required unless otherwise noted. Sixteen hours of upper-level Greek or Hebrew are required. Six hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 65 unless an additional Bible major is sought.

Electives:

**TOTAL HOURS**

**Minor in Biblical Languages:** 22 hours of Greek and Hebrew, including BLAN 171, 172, 176, 177, and 6 upper-level hours.

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

**BACHELOR OF ARTS DEGREE  
MISSIONS MAJOR (MSN)**

**REQUIREMENTS**

**General Education (p. 60):**

Bible is counted below in the hours required for the major.

**Major:**

BDOC 252 and one course from 351-356; BHIS 340, 345; BLAN 171, 172, 271; BMIN 321, and 325 or 329; BMIS 381, 386, and four other courses; BNEW 112; BOLD 101; 10 additional hours of textual courses, including 6 hours num-

bered 300 and above and one course each from BNEW and BOLD; BRED 234; BRES 260; BRES 367 or BMIS 387.

In courses with variable credit, 2 hours are required unless otherwise noted. BNEW courses may be satisfied by BLAN 272, 370, 371, 374, and/or 376. In special cases, by consent of the dean, Hebrew may be substituted for Greek or an alternative procedure may be arranged. Twelve hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 69 unless an additional Bible major is sought.

Electives:

**TOTAL HOURS**

**Minor in Missions:** 18 hours, including eight from the Old and New Testament divisions; 7 from missions, including 386; BHIS 345 (3 hours).

**BACHELOR OF ARTS DEGREE  
RELIGIOUS EDUCATION MAJOR (REDU)**

**REQUIREMENTS**

**General Education (p. 60):**

Bible is counted below in hours required for the major.

BMIS 386 is strongly recommended for global literacy.

**Major:**

BDOC 252 and one other course; two courses from BHIS numbered 340-345; BLAN 171, 172, 271; BMIN 321, 324; 7 hours from BMIN and BRED, including BMIN 420 or 421 and 4-5 hours from BRED 331, 332, 335, 337; BMIS 381 and one other course; BNEW 112; BOLD 101; 8 additional hours in BNEW and BOLD; BRED 234, 330; BRES 260, 1 hour from 361-367.

In courses with variable credit, 2 hours are required unless otherwise noted. BNEW courses may be satisfied by BLAN 272, 370, 371, 374, and/or 376. In special cases, by consent of the dean, Hebrew may be substituted for Greek or an alternative procedure may be arranged. Twelve hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 65 unless an additional Bible major is sought. A second major is recommended.

Electives:

**TOTAL HOURS**



# **BACHELOR OF ARTS DEGREE YOUTH MINISTRY MAJOR (YMIN)**

1995-1996 Harding University Catalog

## **REQUIREMENTS**

### **General Education (p. 60):**

Bible is counted below in the hours required for the major.

BMIS 386 is strongly recommended for global literacy.

### **Major:**

BDOC 252 (3); one course from BHIS 340-345 (345 is recommended); BLAN 171, 172, 271; BMIN 321, and 325 or 329; BMIS 381; BNEW 112; BOLD 101; 10 additional hours of textual courses, including 6 hours numbered 300 or above, and one course each from BNEW and BOLD; BRED 332, 333, 334 (1), 337 (1) and 433; 2 additional hours from BMIN and/or BRED; BRES 260; PSY 240.

In courses with variable credit, 2 hours are required unless otherwise noted. BNEW courses may be satisfied by BLAN 272, 370, 371, 374, and/or 376. In special cases, by consent of the dean, Hebrew may be substituted for Greek or an alternative procedure may be arranged. Twelve hours of Bible must be in classes listed in the schedule as for majors only. Total hours in Bible must not exceed 65 unless an additional Bible major is sought. A second major is recommended.

### **Electives:**

### **TOTAL HOURS**

**Minor in Youth Ministry** (for non-Bible majors): 18 hours, including 6 upper-level hours, with 8 hours from the Old and New Testament divisions and 6 from the ministry and/or religious education division, including 332, 333.

**Minors in Communication and Psychology:** Special minors in communication and psychology have been structured for Bible majors. See the Department of Communication and the Department of Behavioral Sciences for these minors.

## **BACHELOR OF ARTS DEGREE VOCATIONAL MINISTRY MAJOR (VOCM)**

## **REQUIREMENTS**

### **General Education (p. 60):**

Bible is counted below in the hours required for the major.

BMIS 386 is strongly recommended for global literacy.

### **Major:**

BDOC 252 (3); one course from BHIS 340-345; BMIN 420V; 7 additional hours from BMIN and BRED; 3 hours from

## **HOURS**

46

53

29

128

## **HOURS**

46

33

BMIS 280, 381-389; BNEW 112, 411; BOLD 101; 6 additional hours from BNEW and BOLD; BRES 260.

### **Second Major:**

A second major is required in a field other than Bible. Because of this, a minor is not required. Forty-eight hours is an estimate based upon the average number of hours required for a major within the University. For the exact total, consult the second major listed elsewhere in this catalog.

### **Electives:**

### **TOTAL HOURS**

48

1

128

## **DOCTRINAL (BDOC)**

**252/552. BIBLICAL INTERPRETATION.** (2 or 3) Fall, Spring.

How to study the Bible, using principles of interpretation derived from the Scripture. The nature of language and the process of thought. A brief survey of interpretation.

**351. THE NEW TESTAMENT CHURCH.** (2 or 3) Spring.

The nature, objectives, government, and work of the church in the first century.

**353. 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.

**354/554. CONTEMPORARY CHRISTIAN ETHICS.** (2 or 3) Spring. (Offered only on Monday evenings.)

Application of the scriptures to current moral issues to help students gain Biblical insights into moral problems. For nurses and masters degree students; others must have consent of the dean.

**355/555. EVIDENCE OF CHRISTIANITY.** (2 or 3) Fall.

The philosophical foundations of the Christian religion. Arguments for and against the existence of God, the inspiration of the Scripture, and the deity of Christ.

**356. THE CHRISTIAN IN THE 21ST CENTURY.** (2 or 3) Fall, Spring.

The current religious and social trends of North American society and the shifting philosophies that drive them, including epistemological issues. A practical course designed to encourage a truly Christian world view and a Christian perspective in an environment that is philosophically pluralistic and secular.

## **HISTORICAL (BHIS)**

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

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 of odd years.

The restoration movement and the people and events which shaped it in American history.

**342/542. BIBLICAL WORLD AND ARCHAEOLOGY.** (2 or 3) Fall of odd years.

A historical and religious survey of world conditions in Biblical times with special emphasis on the social and religious conditions in Palestine.

**343/543. HISTORY OF THE ENGLISH BIBLE.** (2 or 3) Fall.

The literary production and transmission of the Bible, including manuscripts, texts, and translations. A historical account of how the Bible has come to the English-speaking world.



The development of Christian thought from the subapostolic age to the present. Outstanding leaders and major doctrines. Designed for Bible majors; others may enroll.

**345. LIVING WORLD RELIGIONS.** (2 or 3) Fall of odd years.

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

**LANGUAGE (BLAN)**

**Greek**

**171-172. ELEMENTARY GREEK.** (4, 4) Fall, Spring.

Grammar and syntax of the Greek New Testament with emphasis on basic inflections and vocabulary. Five class periods per week.

**271. THE GOSPEL OF JOHN.** (3) Fall.

Reading of the Greek text, further study of grammar and vocabulary, and exegesis of selected passages. Prerequisites: 171, 172.

**272. FIRST CORINTHIANS.** (3) Spring.

Translation of the Greek text, more intensive study of grammar, attention to the linguistic style of the author, and exegesis of selected passages. Prerequisites: 172 and 271, or consent of the dean.

**370. ROMANS.** (3) Fall of odd years.

Translation of the Greek text, more extensive study of grammar — moods, tenses, particles, style— and exegesis of selected passages. Prerequisites: 271 and 272, or consent of the dean.

**371. ACTS OF APOSTLES.** (3) Spring of even years.

Reading selected passages from the Greek text, study of grammatical structure and style, and exegesis of selected passages. Prerequisites: 271, 272; and 370 or consent of the dean.

**374. INTERMEDIATE GREEK READINGS.** (3) Spring of even years.

Selected readings from portions of the Greek New Testament not covered in other courses, with attention to grammar and exegesis. Course content and approach vary according to student needs and discretion of instructor. May be taken more than once for credit. Prerequisite: 271 and consent of the dean.

**376. ADVANCED READINGS AND EXEGESIS.** (3) Spring of odd years; alternates with 374.

Development of sound exegetical methods based on selected portions of the Greek text in a seminar format. Course content and approach vary according to student needs and discretion of instructor. May be taken more than once for credit. Prerequisites: 370 or 371 or consent of the dean.

**471. INDEPENDENT STUDY.** (1-4) Offered on demand.

Directed study or research designed to meet individual student needs. Prerequisites: 370, 371 for Greek, 275 for Hebrew, or consent of dean.

**Hebrew**

**176-177. ELEMENTARY HEBREW.** (4, 4) Fall of odd years, Spring of even years.

Principles of Hebrew language and grammar. Attention to vocabulary with special emphasis on the verb. Exercises in reading and writing. Five class periods per week.

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

Readings in the Hebrew Bible, with special attention to vocabulary building. Introduction to textual criticism. Prerequisite: 177.

**MASTER OF ARTS IN RELIGION (BMAR)**

**500. ADVANCED OLD TESTAMENT STUDIES.** (3) Spring.

How to study the Old Testament. Historical backgrounds. Nature of the Old Testament canon, text, and versions. Introduction to the books of the Old Testament individually and by groups. Their message for that day and for today.

**509. HEBREW LANGUAGE AND TOOLS.** (3) Spring.

Basic vocabulary, paradigms, and syntax of Biblical Hebrew. Introduction to the most important scholarly commentaries, dictionaries, and reference tools for proper interpretation of the Hebrew scriptures.

**520. ADVANCED NEW TESTAMENT STUDIES.** (3) Fall.

Historical backgrounds, canon, text, and versions. The synoptic and other problems. Introduction to the books of the New Testament individually and by groups.

**521. THE NEW TESTAMENT WORLD.** (3) Spring.

The social, political, and religious facets of the Jewish and Greco-Roman world which affected the life and thought of the early church.

**522. RELIGIOUS TEACHINGS OF THE NEW TESTAMENT.** (3) Fall.

A thematic study of important doctrines in the New Testament and their place in the life of the Christian. The place of the Old Testament in the church. The nature of God, the person and work of Christ, and God's Spirit.

**523. NEW TESTAMENT EXEGESIS.** (3) Fall.

History, methods, and tools of New Testament exegesis. Exegesis of assigned passages from the English New Testament.

**532. READINGS IN THE GREEK NEW TESTAMENT.** (3) Fall.

Readings in the Johannine epistles and selected passages from the Greek New Testament. Development of reading ability, vocabulary, and grammar.

**570. GUIDED RESEARCH.** (3) Spring.

An individual research project written under faculty supervision. Further experience in library research and reporting methods. Application of theory must be made to ministry. A copy of the research must be deposited in the library.

**575. FAMILY COUNSELING.** (3) Spring.

An in-depth examination of theory and techniques of family therapy. Practical aspects of family intervention through discussion, role-play, observation, and when possible, actual counseling with supervision.

**581. ADVANCED HOMILETICS.** (3) Spring.

The general work of a minister of the Word in the local church. Types and purposes of sermons, including weddings and funerals. Individual coaching, special problems, and evangelistic preaching. Each student preaches twice with video recording.

**590. MISSIOLOGY/CHURCH GROWTH.** (3) Fall.

The Biblical basis for world-wide evangelization along with an analysis of the nature of the task today. Principles and methods in use, with special attention to mission efforts of Churches of Christ. Principles for holistic growth of the local congregation with attention to methods of assessment of growth. Theological and strategic factors for planting new churches.

**599. INTRODUCTION TO GRADUATE STUDY.** (3) Fall.

Systematic examination of major bibliographical and reference sources in the area of religious literature. Special attention to religious periodicals literature and to fundamentals of research.



## MASTER OF SCIENCE IN MARRIAGE AND FAMILY THERAPY (BMFT)

1995-1996 Harding University Catalog

### 600. SYSTEMS AND COMMUNICATION THEORIES. (3) Fall.

The historical development of systems theory and cybernetics as they relate to human interactions. Integration of these principles with clinical concerns and practical treatment issues. Conceptualization of critical epistemological issues in marriage and family therapy.

### 601. THEORETICAL FOUNDATIONS OF MFT. (3) Spring.

Major theories of marital and family relations and their therapeutic implications. Dysfunctional manifestations within family systems and factors related to family strengths. Comprehensive survey of the major models of system change, including but not limited to structural, strategic, intergenerational, contextual, behavioral, experiential, and systemic.

### 610. CLINICAL INTERVENTION I: BASIC COUNSELING SKILLS. (3) Fall.

Basic counseling skills foundational to the clinical practice of marriage and family therapy. The focus is on client/therapist interaction as they relate to assessment and treatment.

### 611. DIAGNOSIS OF PSYCHOPATHOLOGY & FAMILY DYSFUNCTION. (3) Spring.

Major contemporary theories of psychopathology and how these relate to dysfunctional families. How people get to where they are within a family context, and how the family system relates to other systems outside the family. DSM-III-R and how it is used in family therapy. Within the context of marital and family systems, diagnosis of dysfunctional relationship patterns and nervous and mental disorders, whether cognitive, affective, or behavioral.

### 612. CLINICAL INTERVENTION II: ERICKSONIAN, STRATEGIC, AND STRUCTURAL MODELS. (3) Spring.

Theoretical underpinnings and clinical application of the Ericksonian, Strategic, and Structural family therapy models.

### 613. CLINICAL INTERVENTION III: MARITAL THERAPY. (3) Summer.

Two major interdependent components: diagnosis/assessment and treatment processes. Within the context of marital and family systems, diagnosis and treatment of both dysfunctional relationship patterns and nervous and mental disorders within the marital dyad. Premarital counseling, human sexuality and treatment of sexual dysfunctions, dyadic interventions from a social learning perspective, divorce, and remarriage.

### 614. CLINICAL INTERVENTION IV: BOWEN, WHITAKER, AND BRIEF SOLUTION FOCUSED MODELS. (3) Fall.

Theoretical underpinnings and clinical application of the Bowenian, Experiential, and Brief solution focused family therapy models.

### 615. GROUP PROCESSES. (3) Fall.

Group dynamics and group processes presented from a systems perspective. Uses of groups for support, prevention, and therapy.

### 616. CLINICAL INTERVENTION V: SUBSTANCE AND DOMESTIC ABUSE THERAPY. (3) Spring.

Theoretical underpinnings and clinical application of the major models as specifically related to substance abuse and domestic abuse.

### 620. ETHICS 7 PROFESSIONAL ISSUES. (3) Fall.

Development of a professional attitude and identity as marital and family therapists. Professional socialization and the role of professional organizations. Licensure and certification; legal responsibilities and liabilities of clinical practice and research; family law; confidentiality issues; a marital and family therapy Code of Ethics; and interpro-

fessional cooperation. Content is specific to the profession and practice of marital and family therapy.

### 621. CURRENT ISSUES IN MARRIAGE AND FAMILY THERAPY. (3) Spring.

Current issues related to the clinical aspects of therapy.

### 630. FAMILY STUDIES: LIFE SPAN DEVELOPMENT/PARENT CHILD INTERACTION. (3) Fall.

Theories and research in parent/child interaction and individual development throughout the life span.

### 631. FAMILY STUDIES: HUMAN SEXUALITY & THERAPY. (3) Summer.

Gender, sexuality, and ethnicity as they relate to marital and family therapy. Sexism and gender roles, and sexual dysfunctions. Stereotyping and its impact on individual family members and on the family as a whole.

### 632. FAMILY STUDIES: PREVENTATIVE STRATEGIES IN FAMILY LIFE. (3) Summer.

Research, literature, and methodology of marriage and family enrichment and preventative strategies from a systematic perspective.

### 640. RESEARCH METHODS IN MFT. (3) Spring.

Research-methodology and statistical analysis with attention to marital and family issues from both a quantitative and qualitative research perspective.

### 641. PSYCHOLOGICAL TESTING. (1-3) Intersession.

Assessment tools appropriate for individual, marital, and family therapy. Ethical responsibility for administration and application of various instruments. Statistics, research, and utilization for professional practice.

### 650. INTEGRATING BIBLICAL NARRATIVE INTO MARITAL AND FAMILY THERAPY. (3) Summer.

Utilization of Biblical principles and concepts as change agents in the marital and family therapy process.

### 690. PRACTICUM I. (3) Summer.

### 691. PRACTICUM II. (3) Fall.

### 692. PRACTICUM III. (3) Spring.

### 693. PRACTICUM IV. (3) Summer.

In each of these four practicums, clinical training integrates didactic and clinical material. Each is a part-time clinical experience which is completed concurrently with didactic course work. A practicum typically consists of five to ten direct contact hours per week and includes such activities as supervision, staff meetings, community relations, and record keeping. Both in-house practica, with intense supervision by core MFT faculty, and off-site practica are provided to ensure diversity of clientele and supervision.

## MINISTRY (BMIN)

### 121. RELIGIOUS WRITING. (3) HSBS students only.

English composition applied to the ministry of writing, from simple assignments to position papers, articles, and thesis writing.

### 320. HYMNOLOGY. (2 or 3) Spring of even years.

The Biblical basis for singing in the church. Church songs from the earliest times to the present. Types of songs appropriate to today's church.



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

Counseling needs in the church. Identifying spiritual problems and their relationship to Scripture by using a Biblical approach to counseling. Various counseling situations located in church settings.

**322. SERVANT LEADERSHIP.** (2 or 3) Spring of odd years.

The servant leadership model presented in the New Testament. What all Christians need to understand and do in order to plant churches in the United States, help church members grow spiritually, and aid them in becoming involved in outreach.

**323. CHRISTIAN WORSHIP.** (2 or 3) Spring.

How to insure spiritual worship experiences for the individual, the family, and the local church. The meaning and medium of worship and the relationship of worship to daily living. Improving leadership in worship. Meaningful response to God in a vital spiritual worship relationship.

**324. PERSONAL EVANGELISM.** (2 or 3) Fall, Spring.

How to reach humanity with the gospel of Christ. The evangelism of Jesus and of the early church. The needs of man and how the gospel of Christ meets those needs.

**325. PREACHING.** (2 or 3) Spring.

Sermon materials, methods of preparation, and construction by type. Practical application by class presentation and evaluation. For Bible majors; however, others are encouraged to enroll.

**326. EXPOSITORY PREACHING.** (2) Spring.

The development of study skills in the preparation of expository sermons. Prerequisite: GRK 171, 172. May be repeated.

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

Field work in preaching under the supervision of a faculty member or a person appointed by the dean. Before the field work experience begins, a written proposal must be submitted to the dean for approval. May be repeated to total no more than 6 hours.

**328/528. ADVANCED PREACHING.** (2) Fall of even years; Spring of odd years.

Designed to strengthen preaching techniques. Diverse types of sermons are presented, with emphasis on persuasive preaching. Additional study of contemporary preaching and audience response. Prerequisite: 325.

**329. RELIGIOUS SPEAKING FOR WOMEN.** (2 or 3) Fall.

Speaking situations unique to women in a religious setting, with emphasis given to practical aspects of content and delivery.

**420. CHRISTIAN MINISTRY.** (3) Fall.

The special work of ministers in relationship to both God and people. Proper attitudes toward Scripture and personal devotional life. Techniques for meeting the spiritual needs of individuals. Relationships with elders and other special groups. Parallel offerings of this course feature the work of church-supported ministers and vocational ministers.

**421. WOMEN'S MINISTRIES.** (2 or 3) Spring.

The Biblical role of women in relationship to God and the work of the church. The task of the church as set forth in Scripture. Areas of service. Interrelationships with other church personnel.

**422. COUNSELING TECHNIQUES.** (3) HSBS students only.

Counseling based on Christian principles. Refinement of counseling skills through videotaping and peer and faculty evaluation.

**480. INTERNATIONAL CAMPAIGN.** (2) HSBS students only.

Foreign campaign preparation by reading assignments on cultural sensitivity. Two weeks of mission activity. Debriefing through oral interviews and written reports.

**MISSIONS (BMIS)**

**280. THE WORLD CHRISTIAN.** (2 or 3) Fall.

A broad vision of Christianity in the whole world. Service opportunities for both full-time and self-supported workers with worldwide perspective.

**381. MISSIONARY PRINCIPLES AND PRACTICES.** (2 or 3) Fall of odd years.

The foundational missions course surveying historical, theological, cultural, and strategic aspects of missions. The required missions course for all Bible and related majors.

**382. HISTORY OF MISSIONS.** (2 or 3) Spring.

Mission work from the second century to the present with special study of the work accomplished by Churches of Christ.

**383. MISSIONARY PREPARATION.** (2 or 3) Fall.

A practical course taught to groups of students who work together in a mission-team simulation. Course content and group research projects are related to mission field selection, development of strategies, and team building. Designed for both individual and group mission preparation.

**384. CROSS-CULTURAL CHURCH GROWTH.** (2 or 3) Fall.

The dynamics of planting and developing multiple churches on the mission field.

**385. SEMINAR IN WORLD MISSIONS.** (2 or 3) As needed.

Offered to students interested in a particular aspect of world evangelism not covered in other course offerings. Past seminars include topics such as urban missions, cross-cultural development strategies, and missions in Africa. May be taken more than once with the consent of the dean.

**386. MISSIONARY ANTHROPOLOGY.** (2 or 3) Fall.

Cultural anthropology with a view to understanding one's own and others' cultures. Designed to help Christian workers cross cultural lines at home and abroad.

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

Field work is done under the supervision of a faculty member or a person appointed by the dean in a mission field at home or abroad. Before the field work experience begins, a written proposal must be submitted to the dean for approval.

**388. COMMUNICATION IN MISSIONS.** (2 or 3) Spring of even years.

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

**NEW TESTAMENT (BNEW)**

**112. THE NEW TESTAMENT.** (2) Fall.

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.

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

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

**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 churches presented in the text of Acts and related scriptures.



## 215. CONTEMPORARY ISSUES IN CHRISTIAN ETHICS AND DOCTRINE (2) Fall, Spring.

Questions and problems today's college students are asking about God, the church, Christian doctrines, ethics, and morals. Biblical teaching on contemporary issues. Formulation of personal conclusions and convictions on the basis of biblical truth.

## 310/510. I CORINTHIANS. (2 or 3) Fall.

Historical backgrounds and introduction. The founding of the church in Corinth. Study of the text of I Corinthians with emphasis on problems and their solutions.

## 311/511. II CORINTHIANS. (2 or 3) Spring.

Study of the text of II Corinthians with an emphasis on Paul's philosophy of ministry.

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

Introduction to the book and exegesis of the text.

## 314/514. SELECTED LETTERS. (2 or 3) Spring.

First and Second Thessalonians, Galatians, First and Second Timothy, and Titus. Historical setting and 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) Fall.

Philippians, Ephesians, Colossians, and Philemon. Historical setting and introduction to each book with its individual features. Common relations in setting, thought, and life. Content; exposition of selected passages.

## 316/516. GENERAL LETTERS. (2 or 3) Fall.

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.

## 317/517. GOSPEL OF JOHN. (2 or 3) Fall, Spring.

An in-depth study with special attention given to the introduction, critical problems, and content of the book.

## 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.

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

## 410. THE NEW TESTAMENT CANON. (3) Spring.

The historical and cultural background of the New Testament. Canon and text. Introduction to the books. Designed for Bible majors; others may enroll.

## 411. THE GREEK-ENGLISH NEW TESTAMENT. (2 or 3)

Knowledge and skills in using Greek to study the English Bible. Emphasis is on a process for direct and independent Bible study. Required of all vocational ministry majors; does not fulfill the language requirement for other Bible majors, nor does it count toward either a major or minor in Biblical languages.

## OLD TESTAMENT (BOLD)

## 100. INTRODUCTION TO THE BIBLE. (2) Fall.

A beginning course for students with little or no background in the Bible. A study of lands, characters, words, and books of the Bible in preparation for BIB 101 and 112. Meets daily. Designed primarily for international students; others may enroll by consent of the dean.

## 101. THE OLD TESTAMENT. (2) Spring.

A historical study. Selected books and passages are given special attention in order to learn the message of the Old Testament for its day and for today.

## 303/503. JEWISH HISTORY: PENTATEUCH. (2 or 3) Fall.

History of the Jewish people from the beginning to the founding of their nation. Their contribution to later civilization.

## 304/504. JEWISH HISTORY: JOSHUA THROUGH ESTHER. (2 or 3) Spring.

History of the Jewish people from Joshua through Esther.

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

The writings of Amos, Hosea, Joel, Jonah, Micah, and Isaiah, with their social, religious, and historical settings. The importance of their message for that period and present times.

## 307/507. PROPHETS: JEREMIAH THROUGH MALACHI. (2 or 3) Spring.

The writings of Jeremiah, Ezekiel, Obadiah, Nahum, Habakkuk, Zephaniah, Haggai, Zechariah, and Malachi, with their social, religious, and historical settings. The importance of their message for that period and present times.

## 308/508. HEBREW POETRY AND WISDOM LITERATURE. (2 or 3) Fall of odd years.

The Psalms, Proverbs, Song of Songs, Lamentations, Ecclesiastes, and Job. Their historical backgrounds, especially the poetic and wisdom literature of the ancient Near East. The importance of their message for that period and present times.

## 402/502. THE OLD TESTAMENT CANON. (3) Fall.

The historical background of the Old Testament. Canon and text; history of interpretation. Introduction to the major divisions and the individual books. Designed for Bible majors; others may enroll.

## PHILOSOPHY (BPHL)

## 251. PHILOSOPHY. (3) Fall.

Philosophical problems, methods of approach, and modes of thought. A brief survey of representative philosophies.

## 252. PHILOSOPHY OF RELIGION. (3) Spring. Alternates with 253; offered on sufficient demand.

A philosophical approach to the study of religion with an emphasis on methods and problems. The Christian religion in the light of philosophic thought.

## RELIGIOUS EDUCATION (BRED)

## 234. THE CHRISTIAN HOME. (2) Fall, Spring.

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

## 330. CHRISTIAN EDUCATION. (2 or 3) Fall of odd years.

A comprehensive definition of Christian education strategies for the education ministry of the church and the home.

## 331. CHILDHOOD EDUCATION—BIRTH TO AGE 12. (2 or 3) Spring.

Biblical principles in conjunction with hands-on educational experiences in the teaching and parenting of children.

## 332. ADOLESCENT EDUCATION—AGES 11 TO 20. (2 or 3) Fall.

Adolescent needs and learning styles. Religious needs, with emphasis on methods and materials for teachers.



**333/533. YOUTH AND FAMILY MINISTRY.** (2 or 3) Fall, Spring.

Youth and family ministry and programming. Incorporation of volunteers into this congregational ministry.

**334. SEMINAR IN YOUTH MINISTRY.** (1) Fall, Spring.

A special seminar taught by youth ministers presently working in the field. May be taken up to four times for credit, but not before the spring semester of the sophomore year. Youth ministry majors may audit any seminar at no cost unless there are material and supply fees.

**335. ADULT EDUCATION.** (2 or 3) Fall of even years.

The dynamics of reaching and teaching adults are examined through a study of the ministry of Jesus; investigation and application of current research in faith development.

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

Field work in a local church setting under the supervision of a faculty member. Before the field work experience begins, a written proposal must be submitted to the faculty guide for approval. May be repeated to total no more than 6 hours.

**433. ADVANCED YOUTH MINISTRY.** (3) Spring of odd years.

A concentrated study of the work of youth ministry. Multiple staff relationships, finance/budget, personal preparation, and other matters specific to the vocation of youth ministry. Designed for youth ministry majors; others may enroll. Prerequisite: 333/533 or consent of the instructor.

**RESEARCH (BRES)**

This division focuses on basic research techniques. These courses do not satisfy the institutional requirement for a Bible class. A maximum of 4 hours of credit may be earned in the research division. When the content is varied, a course may be repeated until 4 hours of credit have been earned.

**164. RESEARCH IN THE RESTORATION MOVEMENT.** (1) Offered on demand.

Historical sites involved in restoration studies. Prerequisite: Consent of the dean.

**260. ORIENTATION TO RELIGIOUS STUDIES.** (2) Fall.

An introduction to the Bible program, uses of a Bible major, and facilities for library research in Bible and religion. (Required sophomore year for Bible majors.)

**361. RESEARCH IN TEXTUAL STUDIES.** (1-4) Offered on demand.

Individual study in the Old and New Testament divisions. Prerequisites: Junior standing, 3.0 GPA, and consent of the dean.

**362. RESEARCH IN RELIGIOUS EDUCATION.** (1-4) Offered on demand.

Individual study in the religious education division. Prerequisites: Junior standing, 3.0 GPA, and consent of the dean.

**363. RESEARCH IN MINISTRY.** (1-4) Offered on demand.

Individual study in the ministry division. Prerequisites: Junior standing, 3.0 GPA, and consent of the dean.

**364. RESEARCH IN THE HISTORICAL DIVISION.** (1-4) Offered on demand.

Individual study in the historical division. Prerequisites: Junior standing, 3.0 GPA, consent of the dean, and appropriate fee.

**365. RESEARCH IN DOCTRINAL DIVISION.** (1-4) Offered on demand.

Individual study in the doctrinal division. Prerequisites: Junior standing, 3.0 GPA, and consent of the dean.

**366. RESEARCH IN BIBLICAL LANGUAGES.** (1-4) Offered on demand.

Individual study in the Greek and Hebrew languages. Prerequisites: Junior standing, 3.0 GPA, and consent of the dean.

**367. RESEARCH IN MISSIONS.** (1-4) Offered on demand.

Directed research and/or readings for qualified advanced undergraduate students who are majoring or minoring in missions. Research is under the direction of the director of Mission Prepare and with the consent of the dean. Prerequisites: Junior standing and a 3.0 GPA.





**SCHOOL OF BUSINESS**  
DEAN: Randall M. McLeod, J.D.

**PROFESSORS:**

David B. Burks, Ph.D., CPA  
President  
Donald P. Diffine, Ph.D.  
Director of the Belden Center for Private Enterprise Education  
Director of the Economics Program  
Robert J. Kelly, Ed.D.  
Director of Institutional Testing and Research  
Robert H. Reely Jr., Ed.D.  
Director of the Center for Management Excellence  
Director of the Management Program  
Associate Executive Director of the American Studies Institute  
Marvin Hilliard Robertson, J.D.  
Barbara K. Statom, M.Ed.  
Director of Business and Office Education

**ASSOCIATE PROFESSORS:**

James Behel, M.B.A.  
James W. Carr, Ph.D.  
Executive Vice President  
Executive Director of the American Studies Institute  
Lavon Carter, M.B.A.  
Budd Hebert, Ph.D.  
Director of the International Business Program  
David M. Johnson, Ph.D., CPA  
Randall M. McLeod, J.D.  
Director of the Marketing Program  
Director of the Center for Professional Sales  
George H. Oliver, M.S.A.  
Director of the Human Resources Program  
David Perkins, Ph.D., CPA  
Director of the Accounting Program  
Charles R. Walker, M.S.

**ASSISTANT PROFESSORS:**

David L. Allen, M.B.A., CPA  
\*Phil Brown, M.B.A., CPA  
Brian Burks, M.B.A., CPA  
Mike Emerson, M.S.A., CPA  
Bill Hemphill, M.P.A.  
Lori Sloan, M.B.A.  
Scott Stovall, M.S., CPA

\* On leave of absence.

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The mission of the School of Business is to:

1. Educate students for confidence and success in their professions;
2. Instill a faith in God and a knowledge of the Scriptures as a basis for developing personal happiness and professional fulfillment;
3. Develop the wisdom that comes through integrating faith into every facet of life — work, family, community, and worship.

The following specific objectives have been adopted in order to accomplish the above mission:

1. Provide an understanding of the common body of knowledge in business administration.
2. Provide opportunities for high-quality advanced work in areas where majors are offered.
3. Prepare students for imaginative and responsible citizenship and leadership roles in business and society.
4. Help students clarify the role of their profession in relation to ministry and commitment to the Kingdom of God.
5. Teach spiritual concepts which flow naturally from business curricula.
6. Promote personal and professional development.
7. Strive aggressively to help students grow professionally through leadership roles in business organizations.

The School of Business is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) for the offering of the bachelor of business administration (BBA) degrees with majors in accounting, computer information systems, economics, management, marketing, and professional sales, and the bachelor of arts (BA) degree with a major in human resources.

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE**

**MAJORS**

**Accounting:** Entry-level positions leading to careers in corporate, public, and governmental accounting; preparation for the Uniform Certified Public Accountant Examination. Programs can be designed to meet CPA exam eligibility requirements for states such as Florida and Tennessee with the 150-hour requirement. The director of the accounting program can provide specific course recommendations.

**Computer Information Systems:** Business and computing for professional careers in programming, supervision of programming, and systems analysis and design.

**Economics:** Professional economists in industry and government; preparation for law and business schools. Graduate or professional school highly recommended.

**International Business:** Positions of individual responsibility in a complex, multicultural, and dynamic global business environment.

**Management:** Supervisory positions in institutional, commercial, and industrial organizations; personnel and retailing positions.



**Marketing:** Positions in marketing, retailing, and marketing research. 1995-1996 Harding University Catalog

**Professional Sales:** Personal selling, sales management, and business-to-business selling.

### BUSINESS CORE

All bachelor of business administration degree majors require a uniform business core of 41 hours. The purpose of the core is to provide understanding of a generally recognized common body of knowledge in business. The business core consists of:

Courses.....	Hours	Credit	Courses.....	Hours	Credit
ACCT 205-206*	6		COAP 101	3	
BUS 265**	3		ECON 201-202	6	
BUS 315	3		MGT 368	3	
BUS 343	3		MGT 430	3	
BUS 350	3		MGT 354	3	
BUS 435	2		MKTG 330	3	

\* Accounting majors are not required to take ACCT 206.

\*\* MATH 210 is a prerequisite for BUS 265 and serves as the general education requirement in math for all BBA degree majors.

### BACHELOR OF BUSINESS ADMINISTRATION DEGREE ACCOUNTING MAJOR (ACCT)

#### REQUIREMENTS

##### General Education (p. 60):

You must take MATH 210 and ECON 201. POLS 202 and BMIS 386 or 388 (3 hours) are recommended for global literacy.

##### Major:

Business core: (35 hours) ACCT 206 is not required.

Accounting: (30 hours) 301, 302, 303, 305, 306, 401, 410, and 9 elective hours in accounting, 3 of which may be satisfied with BUS 344, 346, or 443.

Note: Many states require 150 credit hours to sit for the Uniform Certified Public Accountant Examination. Therefore, students intending to pursue careers in public accounting may need additional accounting and/or business hours. Contact the director of the Accounting Program for additional information.

##### Remaining Bible:

BUS 435, counted above in the business core, satisfies the Bible requirement during the semester it is taken. BMIS 386 or 388, recommended above under general education, also satisfies the Bible requirement in the semester it is taken. If not taken, 2 additional hours of Bible are required.

#### TOTAL HOURS

#### HOURS

54

71

4

129

**Minor in Accounting** (for non-business majors): 18 hours in accounting. The following additional courses are recommended: BUS 315, 316; ECON 201, 202; MGT 368.

### BACHELOR OF BUSINESS ADMINISTRATION DEGREE COMPUTER INFORMATION SYSTEMS MAJOR (CIS)

#### REQUIREMENTS

#### HOURS

##### General Education (p. 60):

You must take MATH 210 and ECON 201.

54

##### Major:

Business core: (35 hours) COAP 101 is not required.

62

Computing courses: (27 hours) COMP 170, 245, 268, 301, 305, 320, 336, 439, 441.

##### Electives:

COMP 310, 311, and ACCT 301, 302, 303 are strongly recommended.

6

##### Remaining Bible:

BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

6

#### TOTAL HOURS

128

**Minor in Computer Information Systems** (for non-business majors): 18 hours, including COMP 170, 245, 268, 301, 320.

**Minor in Computer Applications:** 18 hours, including COMP 150; COAP 101, 210, 219, and 6 hours from COAP 253, ART 360, COMM 322, or any computer programming course. Credit in computer applications courses does not apply toward any computer science or computer information systems major or minor.

### BACHELOR OF BUSINESS ADMINISTRATION DEGREE ECONOMICS MAJOR (ECON)

#### REQUIREMENTS

#### HOURS

##### General Education (p. 60):

You must take MATH 210 and ECON 201.

54

##### Major:

Business core: (38 hours)

65

Economics courses: (12 hours) ECON 310, 311, 340, 420.

Other required courses: (15 hours) BUS 344 or ECON 322 and 12 additional hours elected from the School of Business.

##### Electives:

3

##### Remaining Bible:

BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

6



**TOTAL HOURS**

**Minor in Economics:** 18 hours, including ACCT 205; ECON 201, 202, 310 or 311, 340 or 420; and 3 hours elected in the School of Business.

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE  
INTERNATIONAL BUSINESS MAJOR (IB)****REQUIREMENTS** **HOURS**

**General Education (p. 60):** 54  
You must take MATH 210, ECON 201, GEOG 302, and POLS 202.

**Major:** 68  
Business core: (38 hours)

International business: (30 hours) 18 hours of modern foreign language (or demonstrated proficiency), and IB 432, 433, 434, and ECON 420.

**Remaining Bible:** 6  
PHIL 253, MSN 386, BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS** **128**

**Minor in International Business:** 20 hours, including IB 432, 433; ECON 420, 8 hours of modern foreign language (elementary level or demonstrated proficiency), and 3 hours of upper-level School of Business electives.

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE  
MANAGEMENT MAJOR (MGT)****REQUIREMENTS** **HOURS**

**General Education (p. 60):** 54  
You must take MATH 210 and ECON 201.

**Major:** 65  
Business core: (38 hours)

Management courses: (9 hours) MGT 332, 425, and 440.  
Other management courses are part of the business core.

Other required courses: (18 hours) BUS 317 and 15 additional hours elected in the School of Business, including 3 in management and 3 in computing or computer applications.

**Electives:** 3

**Remaining Bible:** 6  
BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS** **128**

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**Minor in Management (for non-business majors):** 18 hours, including ACCT 205; ECON 202, 322; and 9 hours elected in the School of Business, including 3 upper-level hours. BUS 350 and MGT 368 are highly recommended.

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE  
MARKETING MAJOR (MKTG)****REQUIREMENTS** **HOURS**

**General Education (p. 60):** 54  
You must take MATH 210 and ECON 201.

**Major:** 65  
Business core: (38 hours)

Marketing courses: (12 hours) MKTG 331, 337, 400, 415.

Other required courses: (15 hours) PR S 336 or 398 and 12 hours elected in the School of Business, including 3 in computing or computer applications.

**Electives:** 3

**Remaining Bible:** 6  
BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS** **128**

**Minor in Marketing (for non-business majors):** 18 hours, including ACCT 205; ECON 202; MGT 368; MKTG 330; and 6 hours elected from MKTG 331, 337, 415, and PR S 336.

**BACHELOR OF BUSINESS ADMINISTRATION DEGREE  
PROFESSIONAL SALES MAJOR (PRSA)****REQUIREMENTS** **HOURS**

**General Education (p. 60):** 54  
You must take MATH 210 and ECON 201.

**Major:** 68  
Business core: (38 hours)

Professional sales courses: (15 hours) PR S 227, 336, 371, 405, 440.

Other required courses: (15 hours) MKTG 331; MKTG 337 or COMM 303; 3 hours from PR S 398, MKTG 400, or MKTG 415; 6 additional hours from the School of Business, including 3 in computing or computer applications.

**Remaining Bible:** 6  
BUS 435, included in the business core above, satisfies the Bible requirement in the semester it is taken.

**TOTAL HOURS** **128**



**Minor in Professional Sales** (for non-business majors): 18 hours, including ACCT 205; COAP 101; MKTG 331; PR S 227, 336, and 371.

### BACHELOR OF ARTS DEGREE

#### MAJORS

**Business Education:** Arkansas certification to teach all high school business courses.

**Communication Management:** An interdepartmental major with the Department of Communication providing preparation for positions in telecommunications management.

**Human Resources:** An interdepartmental major with the Department of Behavioral Sciences providing preparation in human resource management.

**Office Systems:** Administrative, executive secretarial, and supervisory positions.

### BACHELOR OF ARTS DEGREE BUSINESS EDUCATION MAJOR (BUSE) (Teacher Certification)

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> EDFD 203, required in place of PSY 201, is counted below in the hours required for the major.	51
Three hours from ANTH 250, GEOG 302 or 303, POLS 202, or SOCS 301 satisfy both global literacy and the 3-hour additional social science requirement for certification.	
<b>Major:</b> ACCT 205, 206; BUS 106, 315, 350, 435; COAP 101, 210, 253; ECON 201, 322; MGT 368; MKTG 330.	37
Three or 6 hours of leveling work may be required, including BUS 105 if keyboarding skills are inadequate and/or COAP 219 if word processing skills are inadequate. Leveling work reduces the hours of electives and may increase the total hours in the degree.	
<b>Certification:</b> EDFD 201, 203, 307, 309, 320; SEED 308, 417, 421, 451, 480; SPED 418; H ED 203. Consult the School of Education catalog section for additional certification information (p. 219).	32
<b>Electives:</b>	4
<b>Remaining Bible:</b> BUS 435, counted above in the major, satisfies the Bible requirement in the semester it is taken.	4
Bible is not required during the supervised teaching semester.	
<b>TOTAL HOURS</b>	128

**Business Education Certification with Computer Technology Endorsement** — 6 hours. To add the computer technology endorsement to the business education certification outlined above, you must take an additional 6 hours in computing, 3 of which must be a programming course. With careful planning, the 4 hours of electives specified above may be applied toward this requirement.

### BACHELOR OF ARTS DEGREE COMMUNICATION MANAGEMENT MAJOR (CMMG)

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take ECON 201.	54
<b>Major:</b> Communication courses (30 hours): COMM 201, 251, 280, 303 or 304, 351, 412, and 445; COMO 260 or 261; 6 hours elected in communication.	60
Business courses (30 hours): ACCT 205, 206; BUS 317; COAP 101; ECON 202; MGT 332, 368; MKTG 330 or PR S 336; 6 hours elected in business.	
<b>Electives:</b>	6
<b>Remaining Bible:</b> BUS 435 is recommended and satisfies the Bible requirement in the semester it is taken.	8
<b>TOTAL HOURS</b>	128

### BACHELOR OF ARTS DEGREE HUMAN RESOURCES MAJOR (HR)

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take ECON 201 and PSY 201.	54
<b>Major:</b> Business courses (30 hours): ACCT 205, 206; BUS 317, 343; ECON 202; MGT 332, 354, 368, 430; MKTG 330.	60
Psychology courses (30 hours): PSY 325, 330, 380, 382, 385, 400, 406, 407, 412, 415.	
<b>Electives:</b> BUS 461 is recommended.	6
<b>Remaining Bible:</b> BUS 435 is required and satisfies the Bible requirement in the semester it is taken.	8
<b>TOTAL HOURS</b>	128



**BACHELOR OF ARTS DEGREE  
OFFICE SYSTEMS MAJOR (OFFS)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take ECON 201.	54
<b>Major:</b> Business courses: (43 hours) ACCT 205, 206; BUS 106, 251, 310, 315, 350, 435; COAP 101, 210, 253; ECON 202, 322; MGT 368; MKTG 330; 9 additional hours elected in the School of Business.	52
COAP 219 may be required as leveling work preceding COAP 253 if word processing skills are inadequate. Leveling work decreases the hours of electives.	
<b>Electives:</b>	16
<b>Remaining Bible:</b> BUS 435, counted above in the major, satisfies the Bible requirement in the semester it is taken.	6
<b>TOTAL HOURS</b>	128
Minor in Office Systems: 18 hours, including BUS 106; COAP 101 and 219; and 10 hours elected in the School of Business, 6 of which must be upper-level.	

**ASSOCIATE OF ARTS DEGREE**

**Applied Office Science:** General, clerical, and secretarial office positions.

**ASSOCIATE OF ARTS DEGREE  
APPLIED OFFICE SCIENCE MAJOR (AOS)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> BNEW 112; BOLD 101; 4 hours from BNEW 211, 213, 215, BRED 234; BIOL 111; ENG 111, 211; HIST 101 or 102; MATH 200 (or any math course numbered 151 or higher); KINS 101; PSY 201; COMO 101; 5 hours elected from general education.	35
<b>Major:</b> ACCT 205; BUS 106, 251; COAP 101, 210, 219, 253; ECON 201; 6 hours elected from the School of Business.	29
BUS 105 may be required as leveling work if keyboard skills are inadequate. Leveling work increases the total hours in the degree.	
<b>Additional Requirements:</b> A 2.0 GPA overall and in the major in all work completed	29

1995-1996 Harding University Catalog Harding; 32 hours in residence, including 24 of the last 32 hours.

TOTAL HOURS	64
ACCOUNTING (ACCT)	

- 205. FINANCIAL ACCOUNTING.** (3) Fall, Spring, Summer.  
Elementary accounting theory, practice, and analysis; conceptual analysis of the full accounting cycle; sole proprietorships and corporations; emphasis on preparation and interpretation of financial statements; financial statement analysis. A grade of "C" or better is required for enrollment in any other accounting course.
- 206. MANAGERIAL ACCOUNTING.** (3) Fall, Spring, Summer.  
Management use of accounting data for planning and control; theories and practice of cost accounting and analysis of data for management decision-making. Cost behavior analysis, cost-volume-profit analysis, responsibility accounting, budgeting and performance measurement, and pricing decisions. Intended for nonaccounting majors. Does not apply toward the accounting major. Prerequisite: 205 with a grade of "C" or better.
- 301. INTERMEDIATE ACCOUNTING I.** (3) Fall, Spring, Summer.  
Accounting theory, practice, and procedures; application of theoretical concepts to problem analysis and accounting practice, including preparation and interpretation of financial reports; accounting and disclosure requirements of major asset accounts. Prerequisite: 205 with a grade of "C" or better. A grade of "C" or better is required for enrollment in 302.
- 302. INTERMEDIATE ACCOUNTING II.** (3) Fall, Spring, Summer.  
Continuation of accounting theory, practice, and procedures; accounting and disclosure requirements for current and noncurrent liabilities and capital accounts. Prerequisite: 301 with a grade of "C" or better. A grade of "C" or better in 302 is required for enrollment in 303.
- 303. INTERMEDIATE ACCOUNTING III.** (3) Fall, Spring.  
Continuation of accounting theory, practice, and procedures; accounting and disclosure requirements for revenue and expense accounts; preparation of statement of cash flows; financial statement analysis. Prerequisite: 302 with a grade of "C" or better.
- 305. COST ACCOUNTING.** (3) Fall, Spring, Summer.  
Cost accounting systems for both internal and external reporting. Job order, process standard, and activity-based costing systems; cost-volume-profit; budgeting; decision-making uses of information. Prerequisite: 206 or 301.
- 306. FEDERAL TAXATION I.** (3) Fall, Summer.  
Federal tax structure and tax law relating to individuals. Preparation of tax returns and tax planning under current tax law. Prerequisite: 206 or 301.
- 307. FEDERAL TAXATION II.** (3) Spring, Summer.  
Federal tax structure including tax law relating to partnerships, corporations, estates, and trusts; preparation of tax returns and tax planning under current tax law. Prerequisite: 306.
- 367. PROFESSIONAL INTERNSHIP.** (3) Summer (or on demand).  
Practical experience in an accounting/finance environment that enhances the academic training received in the classroom. Students should seek positions with prospective future employers. These must be approved by the director. Credit is given upon approval of a written summary of the experience. Minimum of 320 on-the-job hours required. Prerequisite: 302, 305, or 306.



Accounting for governmental units and nonprofit organizations. Prerequisite: 302.

**402. ADVANCED ACCOUNTING.** (3) Spring.

Corporate consolidations, investments in debt and equity securities, and other complex accounting issues, including tax accounting, foreign operations, pensions and other post retirement benefits, and accounting and disclosure requirements for revenues and expenses. Prerequisite: 302.

**403. CPA REVIEW.** (3) Spring.

Detailed review of Generally Accepted Accounting Principles as promulgated by the official pronouncements of the APB, FASB, AICPA, etc.; review of past CPA examinations. Prerequisite: 302.

**404. FINANCIAL ANALYSIS.** (3) Fall.

Development of an analytical approach to financial statements, integrating relevant accounting and finance concepts and principles; current topics in financial analysis; application of analytical tools to investment and credit decisions; management of current assets and liabilities. Prerequisites: ACCT 302 and BUS 343.

**405. COST MANAGEMENT.** (3) Spring.

A case study approach to the uses of internal financial and non-financial information for decision making. Recent developments in cost systems and accounting for quality costs. Prerequisite: ACCT 305.

**410. AUDITING I.** (3) Fall.

History of auditing; audit theory; legal responsibilities and professional ethics. Study, evaluation, and testing of internal controls using the business cycle approach and statistical sampling. Prerequisite: 302.

**411. AUDITING II.** (3) Spring.

Application of audit theory and study of audit workpapers through completion of an audit practice case. Assignments performed on microcomputers. Audit reports and auditing in a computer environment. Prerequisite: 410.

**460. TAX RESEARCH.** (3) Offered on sufficient demand.

A seminar designed to develop practical research and communication skills in the field of federal income taxation. Current tax issues and problems. Communicating conclusions through methods used in public accounting firms. Authority of tax law. Prerequisites: 306 and 307.

**650. INDEPENDENT STUDY.** (1-3) Offered on demand.

Independent study for qualified graduate students. Prerequisite: Consent of major advisor and dean.

**BUSINESS (BUS)**

**105. INTRODUCTORY KEYBOARDING.** (3) Fall.

Typewriter and 10-key keyboards; basic operating techniques with emphasis on efficiency and accuracy.

**106. ADVANCED KEYBOARDING.** (2) Spring.

Emphasis on developing speed and accuracy. Practice in office-related problems; typewriter and timed production work. Meets three times a week. Prerequisite: BUS 105 or equivalent.

**160. THE WORLD OF BUSINESS.** (3) Fall, Spring.

An overview of the business world, including marketing, management, finance, accounting, economics, computing, business law, and global awareness.

**250. INDEPENDENT STUDY.** (1-3) Offered on demand.

**251. OFFICE PROCEDURES.** (3) Fall.

Attributes required of secretaries, including technical skills, appearance, and personality traits. Machine transcription is also included. Prerequisite: 106 or equivalent skills.

**265. BUSINESS STATISTICS.** (3) Fall, Spring, Summer.

Quantitative techniques used in business and economics. Measures of central tendencies, probability distribution, sampling, and hypothesis testing. Computer applications will be used to learn multiple regression, ANOVA, chi square, and other statistical techniques. Prerequisite: Grade of "C" or better in MATH 210.

**301. AMERICAN STUDIES.** (1-3)

Independent study for honor students enrolled in the American Studies Institute. Research into business/industry and government, including on-site visits for information gathering; written summation and evaluation of the visits. Prerequisite: American Studies Institute membership.

**310. OFFICE SYSTEMS MANAGEMENT.** (3) Spring of even years.

Office systems—technology, people, procedures, and environment—from the perspective of the administrative resource manager.

**315. BUSINESS LAW.** (3) Fall, Spring, Summer.

Law, sources of law, and the functioning of the legal system; business torts, white-collar crimes, contracts, property, and sales.

**316. COMMERCIAL LAW.** (3) Fall, Spring.

Commercial paper, secured transactions, debtor-creditor rights, suretyship, bankruptcy, agency, partnership, corporations, and accountant liability. Prerequisite: 315.

**317. LEGAL ENVIRONMENT OF BUSINESS.** (3) Spring.

Administrative law and governmental regulations affecting business, including the constitutional basis of regulation of business, the law of the environment, consumers' rights, insurance, computers, international business transactions, unfair competition, anti-trust, and franchising.

**343. MANAGERIAL FINANCE.** (3) Fall, Spring, Summer.

Aspects of business organization, including promotion, organization, capitalization, expansion, reorganization, and fiscal operations; management and financing of modern corporate forms of business enterprise. Prerequisites: ACCT 206 or 301, and ECON 201.

**344/544. INVESTMENTS.** (3) Offered on sufficient demand.

Theory, concepts, and principles of investment decisions. Portfolio construction and management; investment media; fundamental and technical analysis; tools of investment analysis; psychological aspects of the market. Prerequisite: 343.

**346. MONEY AND BANKING.** (3) Spring.

Role of financial institutions in the money and capital markets of the U.S., including supply of and demand for funds, interest rates, and flow of funds analysis. Theory and practice of bank management, including history of banking and bank regulation, current theories of bank operations, and principles of operations relating to loans, credit analysis, and security portfolios. Analysis of Federal Reserve regulations, activities, and publications. Prerequisite: BUS 343.

**350. BUSINESS COMMUNICATIONS.** (3) Fall, Spring, Summer.

Composition of effective business letters and reports. Characteristics of good business writing and development of basic letter plans applicable to principal business functions. Preparation of personal resumé and application letters. Oral communication in business. Prerequisites: ENG 211, BUS 105 or equivalent skill, and COAP 101.

**435/535. CHRISTIAN BUSINESS ETHICS.** (2 or 3) Fall, Spring.

Ethical teachings of the Bible as applied to business. Biblical passages related to business conduct, corporate ethics, individual ethics, and mutual responsibilities of employers and employees. An approved substitute for Bible the semester it is taken.



**443/543. ADVANCED FINANCIAL MANAGEMENT.** (3) Offered on sufficient demand.

Capital budgeting, debt policy, dividend policy, and working capital management. Conceptual understanding of the impact of financial management decisions on firm value. Prerequisites: BUS 343 and consent of instructor.

**450. INDEPENDENT RESEARCH.** (1-3) Offered on demand.

Research techniques and procedures assignments for majors with high scholastic ability and clearly defined professional goals. Prerequisite: Consent of the major advisor and the dean.

**460/560. PROFESSIONAL BUSINESS COMMUNICATIONS.** (3) Offered on sufficient demand.

An advanced business communications course which addresses skills not addressed in other courses. Technical writing instruction for common and specialized correspondence; performance evaluations, negotiation skills, and an annual report project. Prerequisites: BUS 350 and consent of instructor.

**461. FIELD EXPERIENCE IN HUMAN RESOURCES.** (3) Fall, Spring.

Participation in an approved human resources setting with supervision by management and/or psychology faculty. Prerequisite: Purchase of professional liability insurance through Harding University.

**625. BUSINESS EDUCATION.** (3) Offered on demand.

Historical review; current philosophies and attitudes; curriculum development at the secondary school level; the challenging role of business education in a changing business and industrial environment.

**650. INDEPENDENT RESEARCH AND DIRECTED READINGS.** (3-6) Offered on demand.

Individual study for qualified graduate students. Prerequisite: Consent of Director of Business Education.

**658. THESIS.** (3)

### COMPUTER APPLICATIONS (COAP)

**101. COMPUTER LITERACY AND APPLICATIONS.** (3) Fall, Spring, Summer.

Computer literacy concepts including current applications, history of computer development, hardware and software overview, trends, and social issues relative to computing. Microcomputer applications including operating system commands, word processing, spreadsheets, graphics, and database management.

**210. SPREADSHEET AND DATABASE APPLICATIONS.** (3) Fall, Spring, Summer.

Greater depth in spreadsheet and relational database applications. Essential microcomputer operating system commands and hard disk management concepts. Prerequisite: COAP 101 and ACCT 205.

**219. WORD PROCESSING APPLICATIONS.** (3) Fall.

Use of sophisticated microcomputer software to produce business documents, emphasizing efficient software use and understanding of guidelines for document production. Prerequisite: COAP 101 and BUS 105 or equivalent skills.

**253. ADVANCED WORD PROCESSING AND DESKTOP PUBLISHING.** (3) Spring.

Advanced applications in document production, including the use of desktop publishing software to produce brochures, newsletters, bulletins, and procedures manuals. Prerequisite: COAP 219 or equivalent skills.

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### ECONOMICS (ECON)

**201. MACROECONOMICS.** (3) Fall, Spring, Summer.

The overall workings of the economy and its major subdivisions; our economic system, business cycles, money and banking, national income accounts, and stabilization policy.

**202. MICROECONOMICS.** (3) Fall, Spring, Summer.

Market mechanisms, applications of supply and demand, business models, product and factor markets, global business, economic development, and comparative systems. Prerequisite: 201 or consent of instructor.

**310/510. INTERMEDIATE MACROECONOMICS.** (3) Fall of odd years.

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. Analysis of forecasting. Fiscal and monetary policy. Prerequisites: 201-202.

**311/511. INTERMEDIATE MICROECONOMICS.** (3) Spring of even years.

Consumer theory, indifference curves, supply and demand, production theory, perfect competition, pure monopoly, oligopoly, monopolistic competition, welfare theory, and other related topics. Prerequisites: 201-202.

**315. ECONOMIC EDUCATION FOR ELEMENTARY TEACHERS.** (3) Fall, Spring, Summer.

Basic economic concepts. The importance of economic education as a means of improving decision-making in the market place and at the polls. Incorporation of economic knowledge into the elementary school curriculum. Required for elementary certification.

**322. PERSONAL FINANCE.** (3) Fall, Spring, Summer.

Managing personal finances; inflation and recession, tax problems, insurance, annuities, credit, budgeting, financial planning, home ownership, bank accounts, investments, and social insurance programs.

**340/540. ECONOMIC HISTORY.** (3) Spring of odd years.

Evolution of economic ideas and events from ancient to modern times; analysis of the American economy from colonial times, with emphasis on the period from the industrial revolution to the present. Location forecasting is emphasized. Prerequisites: 201-202.

**420/520. COMPARATIVE ECONOMIC SYSTEMS.** (3) Fall of even years.

Application of macro and microeconomics analysis to evaluate traditional, command, market, and mixed economies, past and present, with respect to fulfilling the economic goals of freedom, efficiency, growth, stability, justice, and security. Prerequisites: 201-202.

**445/545. FREE MARKET ECONOMICS.** (3) 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 between the private and the public sector in economic policy and performance.

### INTERNATIONAL BUSINESS (IB)

**232. INTRODUCTION TO INTERNATIONAL BUSINESS.** (3) Offered on sufficient demand.

An independent study class for HUF students only. Examination of international trade, foreign investments, international organizations, and monetary systems; synthesis of the foreign environment to include identification of physical, social, cultural, political, legal, financial, labor, competitive, and economic forces that come to bear on the typical multi-national corporation in today's world.



**432. INTERNATIONAL BUSINESS. (3) Fall.**

Concerns of both smaller-sized firms and multinational corporations. Discussion of operations with the context of changing global economies. The need to integrate solid international business practices with an understanding of differing cultural, business, and social practices.

**433. INTERNATIONAL MARKETING. (3) Spring.**

Development of global marketing strategies. Development of marketing programs that are global in their distribution and highly interlinked. Alliances and strategic partnering. Sensitivity to cultural differences together with a "world citizen" perspective as part of the daily thought process of an international marketing strategy.

**434. INTERNATIONAL BUSINESS PRACTICUM. (3) Fall, Spring, Summer.**

Firsthand experience with companies operating in the international business arena. Field work such as an internship with a global company; overseas study in an approved business program, or guided, on-site visits to international corporate facilities. A final report is required. Prerequisite: Consent of the Director of the International Business Program.

**MANAGEMENT (MGT)****332. HUMAN RESOURCE MANAGEMENT. (3) Fall, Spring.**

Selection, placement, training, wage administration, performance evaluation, and discharge of employees.

**354. PRODUCTIONS/OPERATIONS MANAGEMENT. (3) Fall, Spring.**

The production function of business, including the economics of production, capital investment, research and development, product design and services, and quality management (QM). Specific QM topics addressed include statistical quality control, production inventory planning and control (PIPC) systems, forecasting, and just-in-time inventory management. Other topics include location and design of facilities, energy management, and managing job safety and health. Prerequisite: BUS 265.

**365/565. SMALL BUSINESS INSTITUTE. (2 or 3) Fall, Spring.**

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. MANAGEMENT AND ORGANIZATIONAL BEHAVIOR. (3) Fall, Spring, Summer.**

Techniques and policies needed to handle human relations problems in business, government, and education. Organizational behavior, motivation, leadership, formal and informal organization, social environment, and communication and group processes.

**425/525. ORGANIZATIONAL THEORY AND STRUCTURE. (3) Fall, Spring.**

Organizational structures, effectiveness and efficiencies, and purpose of design; use of case study approach. Prerequisite: 368.

**430/530. 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: ACCT 206; BUS 265 and 343; MKTG 330.

**440/540. BUSINESS LEADERSHIP. (3) Fall, Spring.**

Development of leadership skills and qualities. Local and regional business leaders provide insight to development of leadership abilities for the church, community, and profession. Prerequisites: Senior classification and consent of instructor.

**DISTRIBUTION MANAGEMENT. (3) Fall.**

The three areas of operation: receiving, order filling, and shipping. On-site observation and analysis of physical distribution, human resource, loss prevention, and maintenance. Prerequisite: MGT 368.

**MARKETING (MKTG)****330. MARKETING. (3) Fall, Spring.**

An introductory course. 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. Developing a managerial point of view in planning and evaluating marketing decisions.

**331. CONSUMER BEHAVIOR. (3) Fall.**

Sociological and psychological applications in consumer behavior with an emphasis on the relevance of these concepts for the marketing manager. The development of concepts and constructs employed to identify and measure market segments and analyze behavioral patterns of these segments as a basis for marketing strategy. Prerequisite: 330.

**337/537. RETAIL MARKETING. (3) Spring.**

The development of policies, methods, and managerial strategies to accommodate the rapidly changing retail environment.

**347. PROMOTIONAL STRATEGIES. (3) Fall.**

Promotional methods, including advertising, sales promotions, publicity, and sales. Situation analysis, objectives, budgeting, campaign tactics, selection of media and message, measurement of effectiveness, and follow-up evaluation. Prerequisite: MKTG 330.

**400/500. MARKETING RESEARCH. (3) Fall, Spring.**

Research methodology and the application of current research techniques in solving marketing problems. Includes research project encompassing all aspects of research from problem definition to report presentation. Prerequisite: BUS 265.

**408. MARKETING IN THE PUBLIC SECTOR. (3) Offered on sufficient demand.**

Marketing strategies and plans for non-profit organizations, including colleges and universities, associations, health care, and religious and charitable organizations.

**415/515. MARKETING MANAGEMENT. (3) Spring.**

The analysis, planning, implementation, control, and evaluation of programs and strategies designed to serve target markets in pursuit of organizational and marketing objectives. Philosophies, decision-making skills, strategic alternatives, analyzing opportunities, planning and budgeting, and organization of the marketing function. Prerequisite: MKTG 330.

**PROFESSIONAL SALES (PR S)****227. INTERNSHIP I. (3) Fall, Spring.**

Internship in all areas of the sales arena, including telemarketing, non-profit organizations, media, and professional sales. Forty-five directly supervised hours and 6 hours of independent experience.

**336. PRINCIPLES OF SALES. (3) Fall, Spring.**

Basics of personal selling are examined with emphasis on understanding the buyer, selling environment, selling techniques, and personal selling fundamentals.

**371/571. SALES PSYCHOLOGY. (3) Spring.**

Developing an understanding of relationship strategies; adjusting one's own behavior to fit a prospect or customer's needs. Prerequisites: PSY 201 and PR S 336.



**398/598. SALES MANAGEMENT. (3) Fall.**

Administrative functions performed by the sales force director, including personnel selection, initial training and ongoing development, compensation, supervision, counseling, improving sales performance, scheduling activities of salespersons, and evaluation and control of performance. The relationship between sales and other parts of the organization.

**405. INTERNSHIP II. (3) Summer.**

Internship with a professional sales organization to gain on-the-job experience. The organization is chosen by the student and department head; supervision is by a faculty member. A written report is required. A minimum of 320 on-the-job hours is required. Prerequisites: PR S 336, 371.

**440. SENIOR COLLOQUIUM. (3) Fall, Spring.**

A pragmatic classroom application of success principles including advanced communications, negotiations, and sales simulations. Students participate in seminar workshops hosted by successful salespersons.



Lady Margaret Thatcher  
1995 American Studies Speaker

**SCHOOL OF EDUCATION**

DEAN: Bobby L. Coker, Ed.D.

**DISTINGUISHED PROFESSOR:**

Bobby L. Coker, Ed.D.

**PROFESSORS:**

Jerome M. Barnes, Ed.D.

K. Richard Blankenship, Ed.D.

Jess Bucy, M.S.E.

Assistant to the Dean

Wyatt Jones, Ed.D.

Associate Dean

Jim Nichols, Ed.D.

Director of Field Experiences

Jeanine Peck, Ed.D.

Richard Peck, Ed.D.

Gordon Sutherlin, Ed.D.

Chairman of Secondary Education and

Director of Undergraduate Teacher Education

Betty Work Watson, Ed.D.

**ASSOCIATE PROFESSORS:**

Maribeth Downing, Ph.D.

Lewis Finley, Ed.D.

Ed Higginbotham, Ed.D.

Jan Morgan, Ed.D.

Chairman of Elementary and Special Education

**ASSISTANT PROFESSORS:**

Dee Carson, Ed.S.

Linda Thornton, Ed.S.

**INSTRUCTOR:**

Carolyn Priest, M.Ed.

**ASSISTING FROM OTHER DEPARTMENTS:**

Karyl V. Bailey, Ph.D.

Nicky Boyd, Ed.D.

Rodger Lee Brewer, Ph.D.

J. Warren Casey, Ph.D.

Ellen Daniel, Ed.D., C.H.E.

Faye Doran, Ed.D.

Mark E. Hudson, M.M.

John Keller, Ph.D.

Robert J. Kelly, Ed.D.

Bill W. Oldham, Ed.D.

John Prock, M.T.

Winfred O. Wright, Dr. de l'Université



## MISSION

1995-1996 Harding University Catalog

The mission of the Teacher Education Program is to prepare teachers who are scholarly, caring and nurturing, and self-directed facilitators of student learning.

The basic beliefs of the program are summarized as follows:

1. Teachers must earn at least a baccalaureate degree with studies in the liberal arts, their field of specialization, and professional education.
2. Teachers must develop a commitment to professional preparation and achievement.
3. Teachers must enter their professional careers as qualified, competent practitioners and as responsible members of the community.
4. Teachers must prize individual and cultural differences and promote the development of moral values.

## PROGRAM OVERVIEW

**Administration:** The dean of the School of Education is the chief administrator of the School of Education. The Administrative Council for Teacher Education (ACTE), comprising both faculty and students, formulates policies and coordinates aspects of the Teacher Education Program. The Committee on Admission and Retention to Teacher Education (CARTE) recommends criteria in this area and applies the policies adopted by ACTE.

**Undergraduate:** The School of Education offers programs leading to the bachelor of arts, bachelor of science, and bachelor of music education degrees.

Teaching majors are available in elementary education, special education, and secondary education. Elementary programs include emphases in both K-6 and 1-6. Special education offers an emphasis in teaching the mildly disabled. Secondary education includes certification in art, biology, business education, chemistry, drivers education, English, French, general science, health education, mathematics, music education, physical education, physics, print journalism, social science, Spanish, speech, and vocational family and consumer sciences. Students may add certification to teach at the middle school level by meeting Arkansas requirements.

**Graduate Studies:** The school of education offers the master of education and master of science in education degrees with majors in elementary education, elementary administration, secondary administration, reading, and secondary education. Students interested in graduate education should contact: Dr. Wyatt Jones, Associate Dean and Director of Graduate Studies, Box 2261, Harding University, Searcy, AR 72149-0001.

**Accreditation:** The Teacher Education Program is accredited by the National Council for Accreditation of Teacher Education (NCATE). In addition, all programs leading to certification are approved by NCATE and the Arkansas Department of Education.

## ADMISSION TO THE TEACHER EDUCATION PROGRAM

All students certifying to teach must apply for and be admitted to the Teacher Education Program. 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; and pre-teaching laboratory experience.

To be admitted to the Teacher Education Program, you must:

1. Be enrolled as a student at Harding University.
2. File a formal application for admission into the program with the Director of Teacher Education. This must be completed during the semester you are enrolled in EDFD 203. Transfer students who plan to teach should make application for admission to the Teacher Education Program if you have completed 45 semester hours of work. Admission to the Teacher Education Program is a prerequisite for admission to all required professional education courses except EDFD 201 and 203 and SPED 303.

The following deadlines apply to applications for the Teacher Education Program:

Fall semester ..... August 1\*  
Spring semester ..... November 1  
Summer semester ..... April 1

\*Students planning to enroll for the first time in junior-level education courses (except SPED 303) for the fall semester should apply for admission to the Teacher Education Program during the previous spring semester.

3. Submit a curriculum plan showing a program of study approved by the academic advisor.
4. Submit an up-to-date transcript with the application for admission.
5. Have at least a 2.5 GPA at the time of admission and complete the Pre-Professional Skills Test (PPST) with scores at or above the following: Reading, 170; Writing, 171; Mathematics, 169.
6. Demonstrate proficiency in English by completing ENG 111 and 211 with a minimum grade of "C".
7. Demonstrate proficiency in oral communication by completing COMO 101 with a minimum grade of "C."
8. Demonstrate proficiency in mathematics by completing 3 hours of mathematics appropriate to the major with a minimum grade of "C". MATH 115 meets this requirement for elementary and special education majors. MATH 100 does not satisfy this requirement.
9. Complete EDFD 201 and 203 with a minimum grade of "C."
10. Be free of mental or physical conditions inimical to effective teaching and complete a speech and hearing screening administered by the communication disorder clinic.
11. Meet acceptable standards of adjustment in the areas of personal, social, moral, and ethical behavior. Letters of recommendation from



University personnel are used, and special interviews may be required to make evaluations in these areas.

12. Be recommended by the chair of your appropriate major academic area or two faculty members from whom courses have been or are being taken.

ACTE may impose further standards not specified in this catalog or change present standards as the need arises in order to conform to the standards of NCATE and the regulations of the Arkansas Department of Education. Such changes become a part of the Teacher Education Program requirements at the time specified by the council.

### ADMISSION TO THE SUPERVISED TEACHING SEMESTER

Admission to the Teacher Education Program does not guarantee retention.

At least one semester before the supervised teaching semester, request for admission to supervised teaching must be made by filing the required application forms with the Director of Teacher Education. The following deadlines apply: For supervised teaching during a fall semester, applications must be submitted by April 1. For supervised teaching during a spring semester, applications must be submitted by November 1.

In order to be admitted to the supervised teaching semester, students must complete the general education requirements or program them to the satisfaction of CARTE.

Applicants for the supervised teaching semester in elementary education must complete EDFD 201, 203, 307, 309, 320; SPED 303; ELED 308, 408, 412, 413; and BIOL 408, and 15 hours selected from ART 211, ECON 315, ENG 350, GEOG 302 or 303, MATH 225, MUS 116, and KINS 330, prior to the supervised teaching semester.

Applicants for the supervised teaching semester in secondary education, except for vocational family and consumer sciences majors, must complete EDFD 201, 203, 307, 309, 320; SEED 308; and one course from SEED 419-431, unless a special methods course is scheduled as a part of the supervised teaching semester. (Special methods courses are offered only once a year.) Students in vocational family and consumer sciences must complete EDFD 201, 307, 309, 320; SEED 308, 424; and FCS 322 or 323. Students must also complete, 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 done.

Applicants for the supervised teaching semester in special educational/mildly disabled must complete EDFD 201, 203, 307, 309, 320; SPED 303, 308, 400, 408, 409, 415; and ELED 412, 413; ENG 350, H ED 203, MATH 115, 225, and COMD 250, prior to the supervised teaching semester.

Two courses from EDFD 201, 203, 307, and 309 must be taken in residence at Harding, and it is strongly recommended that all be taken in residence. None may be taken by correspondence.

To be admitted to the supervised teaching semester, you must:

1. Be admitted to the Teacher Education Program.
2. File a formal application for admission to the supervised teaching semester before the deadlines stated above.
3. Submit an up-to-date transcript along with the application.
4. Have approval of the advisor in your major.
5. Have approval of your professional advisor.
6. File in the office of the School of Education a curriculum plan showing a program of study which has the approval of both your major and professional advisors.
7. Complete all catalogued prerequisites to the supervised teaching semester.
8. Complete minimum Arkansas requirements in your academic major. Family and consumer sciences majors must have 32 hours of the family and consumer sciences requirements completed.
9. Have at least a 2.5 GPA.
10. Have at least a 2.5 GPA in the major. For the secondary program, have at least a 2.5 GPA in the professional and content and specialization courses required for the elementary or special education major.
11. Have a minimum grade of "C" in each required education course.

### SUPERVISED TEACHING SEMESTER

During the supervised teaching semester, elementary education majors must enroll in SPED 419 and ELED 441 or 442. Elementary education majors seeking kindergarten certification must enroll in ELED 442. Special education (mildly disabled) majors must enroll in SPED 419 and 475. Secondary education majors, except for vocational family and consumer sciences majors, must enroll in SEED 417, 419-431, 451 or 461, 480; and SPED 418. Students majoring in vocational family and consumer sciences must enroll in SEED 417, 424, 451, 480 and SPED 418. Special methods for secondary teachers, SEED 419-431, 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 otherwise approved by the dean of the School of Education.

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.

### SENIOR EXAMINATIONS

All seniors in the Teacher Education Program must take the NTE Programs Test of professional knowledge and the appropriate Specialty Area Test of the National Teacher Examinations. By action of the Arkansas General Assembly, appropriate NTE scores and PPST scores must be submitted to the Arkansas Department of Education in each area for which certification is sought. The Arkansas Department of Education has set minimum scores that must be achieved on the various sections of the NTE in order for students to obtain certification in Arkansas. Individual students' score reports must be on file in the Office of Institutional Testing and Research.



**BACHELOR OF ARTS DEGREE  
ELEMENTARY EDUCATION MAJOR (ELEM)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take POLS 205; MATH 225; GEOG 302 or 303; HIST 101 or 102; 3 additional hours in social studies, and course credit in biology and physical science.	51
EDFD 203, required in place of PSY 201, is counted below in the hours required for the major.	
To receive a middle school endorsement in social studies, you must take SOCS 301, ANTH 250, or POLS 202. The course chosen satisfies 3 hours of global literacy.	
<b>Major:</b> The following courses are required for certification:	63
Content/Specialization: (32 hours) ART 211; BIOL 408; ENG 350; ECON 315; MATH 115; MUS 116; H ED 203; ELED 412, 413; EDFD 201; KINS 330.	
Human and behavioral studies: (9 hours) SPED 303; EDFD 203, 307.	
Teaching and learning theories: (10 hours) ELED 308, 408; EDFD 309, 320; SPED 419.	
Practicum: (12 hours) ELED 441.	
Students certifying to teach in kindergarten must substitute ELED 442 for 441 and take ELED 410 and 411. These additional two courses are taken as electives.	
<b>Electives:</b> These hours may include leveling work which decreases the hours of electives. EDFD 100 (1-3 hours) is required if the PPST is not passed. (See Admission to the Teacher Education Program requirements.)	8
<b>Remaining Bible:</b> Bible is not taken during the supervised teaching semester.	6
<b>TOTAL HOURS</b>	128

**BACHELOR OF ARTS DEGREE  
SPECIAL EDUCATION MILDLY HANDICAPPED MAJOR (SEMH)**

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b> You must take POLS 205; MATH 225; GEOG 302 or 303; HIST 101 or 102; 3 additional hours in social studies, and course credit in biology and physical science.	51

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EDFD 203, required in place of PSY 201, is counted below  
in the hours required for the major.

<b>Major:</b> The following courses are required for certification:	62
Content/Specialization: (29 hours) COMD 250; ENG 350; MATH 115; H ED 203; EDFD 201; ELED 412, 413; SPED 400, 408, 419.	
Human and behavioral studies: (12 hours) SPED 303, 415; EDFD 203, 307.	
Teaching and learning theories: (9 hours) SPED 308, 409; EDFD 309, 320.	
Practicum: (12 hours) SPED 475.	
Students earning a second certification in Elementary Edu- cation must complete ART 211; BIOL 408; ELED 408; ECON 315; MUS 116; KINS 330. Those seeking kindergarten certification must complete ELED 381, 410, 411.	
<b>Electives:</b> These hours may include leveling work which decreases the hours of electives.	9
EDFD 100 (1-3 hours) is required if the PPST is not passed. (See Admission to the Teacher Education Program requirements.)	
<b>Bible:</b> Bible is not taken during the supervised teaching semester.	6
<b>TOTAL HOURS</b>	128

**SECONDARY EDUCATION**

Students certifying to teach in secondary schools must major in a secondary  
teaching area. Most majors require a minor. The program must include EDFD  
201, 203, 307, 309, 320; SEED 308, 417, one course from 419-431, 451 or 461,  
480; SPED 418, 3 additional hours of social studies from global literacy; and  
6 hours of physical education, including H ED 203 and 3 hours of physical  
education activity. Students seeking additional certification must meet mini-  
mum Arkansas requirements in that teaching field.

**SUGGESTED COURSE SEQUENCES**

**Elementary Education — Grades 1-6 (B.A.):** The following is the suggested  
sequence of courses for elementary education majors grades 1-6:

**GROUP A — SPRING STUDENT TEACHERS**

<b>FIRST YEAR</b> ..... Fall, Spring	<b>SECOND YEAR</b> ..... Fall, Spring
ENG 111 (T); ENG 201 or 202..... 3, 3	ENG 211 (T), ART 101..... 3, 2
HIST 101 or 102; 110 or 111..... 3, 3	EDFD 201 (T), H ED 203..... 2, 3



MATH 115 (T); BIOL 111 or 113 . . . . .	3, 3	COMP 101, MATH 225, EDFD 203(T) . . . . .	3, 3
MUS 101, COMO 101 (T) . . . . .	2, 3	BNEW 211, 213, 215, BRED 234 (2) . . . . .	2, 2
BNEW 112, BOLD 101 . . . . .	2, 2	Global Literacy, POLS 205 . . . . .	3, 3
KINS 101, PH S 111, 112, 113, 115, 116 . . . . .	1, 3	MUS 116, KINS activity . . . . .	3, 1
KINS activity . . . . .	1, 0	Elective . . . . .	0, 2
<b>Total</b> . . . . .	<b>15, 17</b>	<b>Total</b> . . . . .	<b>16, 16</b>
<b>THIRD YEAR</b> . . . . .	<b>Fall, Spring</b>	<b>FOURTH YEAR</b> . . . . .	<b>Fall, Spring</b>
Bible . . . . .	2, 2	EDFD 320(S), ELED 441 or 442 . . . . .	2, 12
ENG 350, ELED 412(S) . . . . .	3, 3	Bible, SPED 419 . . . . .	2, 3
ART 211, EDFD 307(S) . . . . .	3, 3	ELED 413(S) . . . . .	3, 0
KINS 330, EDFD 309(S) . . . . .	3, 2	ELED 308 Lab(S) . . . . .	2, 0
SPED 303(S), ECON 315 . . . . .	3, 3	BIOL 408 . . . . .	3, 0
GEOG 302/303, Elective (ELED 411) . . . . .	3, 3	ELED 408 Lab . . . . .	1, 0
		Elective (ELED 410) . . . . .	3, 0
<b>Total</b> . . . . .	<b>17, 16</b>	<b>Total</b> . . . . .	<b>16, 15</b>

#### GROUP B — FALL STUDENT TEACHERS

<b>FIRST YEAR</b> . . . . .	<b>Fall, Spring</b>	<b>SECOND YEAR</b> . . . . .	<b>Fall, Spring</b>
BNEW 112, BOLD 101 . . . . .	2, 2	BNEW 211, 213, 215, BRED 234 (2) . . . . .	2, 2
BIOL 111 or 113, ENG 111(T) . . . . .	3, 3	H ED 203, MUS 116 . . . . .	3, 3
HIST 110 or 111; 101 or 102 . . . . .	3, 3	POLS 205, ENG 211(T) . . . . .	3, 3
COMO 101 (T), KINS 101 . . . . .	3, 1	EDFD 203(T), MATH 225 . . . . .	3, 3
PH S 111, 112, 113, 115, or 116, MATH 115(T) . . . . .	3, 3	ART 101, ART 211 . . . . .	2, 3
KINS activity, MUS 101 . . . . .	1, 2	ENG 201 or 202, ENG 350 . . . . .	3, 3
EDFD 201(T) . . . . .	0, 2		
KINS activity . . . . .	0, 1		
<b>Total</b> . . . . .	<b>15, 17</b>	<b>Total</b> . . . . .	<b>16, 17</b>
<b>THIRD YEAR</b> . . . . .	<b>Fall, Spring</b>	<b>FOURTH YEAR</b> . . . . .	<b>Fall, Spring</b>
Bible . . . . .	2, 2	ELED 441 or 442, Bible . . . . .	12, 2
SPED 303, BIOL 408(S) . . . . .	3, 3	SPED 419, GEOG 302 or 303 . . . . .	3, 3
Elective (ELED 410), ELED 408 Lab . . . . .	3, 1	Global Literacy . . . . .	0, 3
EDFD 307(S), EDFD 320(S) . . . . .	3, 2	ECON 315 . . . . .	0, 3
ELED 412(S), ELED 413(S) . . . . .	3, 3	Elective . . . . .	0, 2
EDFD 309(S), Elective (ELED 411) . . . . .	2, 3	KINS 330 . . . . .	0, 3
ELED 308(S) . . . . .	0, 2		
<b>Total</b> . . . . .	<b>16, 16</b>	<b>Total</b> . . . . .	<b>15, 16</b>

T=TEP prerequisite

S=Supervised teaching prerequisite

**Elementary Education — Grades K-6 (B.A.):** The program for elementary education majors certifying grades K-6 adds ELED 410 and 411 and substitutes ELED 442 for 441 in the above sequence of courses.

**Special Education — Mildly Disabled (B.A.):** The following is the suggested sequence of courses for students majoring in special education:

<b>FIRST YEAR</b> . . . . .	<b>Fall, Spring</b>	<b>SECOND YEAR</b> . . . . .	<b>Fall, Spring</b>
ENG 111, 201 or 202 . . . . .	3, 3	EDFD 201, 203 . . . . .	2, 3
HIST 101 or 102, 110 or 111 . . . . .	3, 3	MATH 225, POLS 205 . . . . .	3, 3
MATH 115, BIOL 111 or 113 . . . . .	3, 3	H ED 203, Global Literacy . . . . .	3, 3
MUS 101, ART 101 . . . . .	2, 2	KINS activity, Elective . . . . .	1, 3
KINS 101, COMO 101 . . . . .	1, 3	BNEW 211, 213, 215, BRED 234 (2) . . . . .	2, 2
BNEW 112, BOLD 101 . . . . .	2, 2	GEOG 302/303, ENG 211 . . . . .	3, 3
KINS activity . . . . .	1, 0	PH S . . . . .	3, 0
<b>Total</b> . . . . .	<b>15, 16</b>	<b>Total</b> . . . . .	<b>17, 17</b>
<b>THIRD YEAR</b> . . . . .	<b>Fall, Spring</b>	<b>FOURTH YEAR</b> . . . . .	<b>Fall, Spring</b>
COMD 250, SPED 415 . . . . .	3, 3	SPED 409, SPED 475 . . . . .	3, 12
ENG 350, Elective . . . . .	3, 3	ELED 413, SPED 419 . . . . .	3, 3
SPED 303, ELED 412 . . . . .	3, 3	EDFD 320 . . . . .	2, 0
SPED 400, EDFD 309 . . . . .	3, 2	SPED 308 . . . . .	2, 0
SPED 408, EDFD 307 . . . . .	3, 3	Elective . . . . .	3, 0
Bible . . . . .	2, 2	Bible . . . . .	2, 0
<b>Total</b> . . . . .	<b>17, 16</b>	<b>Total</b> . . . . .	<b>15, 15</b>

#### EDUCATION FOUNDATIONS (EDFD)

**100. READING, WRITING, AND MATHEMATICS.** (1-3) Offered on demand.

A skills enhancement course based on a computerized, individualized learning package. Students may enroll in any or all of the 3 areas. One hour of credit is given for each area.

**201. THE TEACHING PROFESSION.** (2) Fall, Spring, Summer.

An introductory course in American education. Designed to help students make career decisions in education. Requires 12 hours of laboratory work, including visiting a classroom and demonstrating proficiency in media production.

**203. CHILD AND ADOLESCENT DEVELOPMENT.** (3) Fall, Spring, Summer.

The physical, cognitive, and emotional development of children from conception through adolescence. Child and adolescent development as related to the school setting. Cannot be taken by correspondence. Students must complete 15 hours of observation and an application for admission to the Teacher Education Program. Fee: \$105.00 (subject to change by ETS).

**307. EDUCATIONAL PSYCHOLOGY.** (3) Fall, Spring, Summer.

Human behavior. The development and growth of human equipment for learning. The learning process, learning and forgetting, motivation, principles of learning. Principles of psychology applied to the problems of classroom teaching. Fifteen hours of laboratory work. Either 307 or 309, preferably both, must be completed in residence at Harding. Neither can be taken by correspondence. Prerequisite: Admission to the Teacher Education Program.

**309. THE ART AND SCIENCE OF TEACHING.** (2) Fall, Spring.

Theories and research of teaching models and strategies. Classroom management and human relation skills. Requires 6 hours of field experience. Prerequisite: Admission to the Teacher Education Program.

**320/520. EDUCATIONAL TECHNOLOGY.** (2) Fall, Spring, Summer.

Technical problems related to audio-visual equipment. The value and importance of media to learning. Technology use in actual teaching situations. Laboratory periods to be arranged. Prerequisite: Admission to the Teacher Education Program. Fee: \$18.00.



**367. COOPERATIVE EDUCATION.** (1-6) Offered on demand.

See Cooperative Education catalog section (p. 58).

**450. STUDIES IN EDUCATION.** (1-3)

Specialized study in a particular field. May be taken for a maximum of 6 hours.

**ELEMENTARY EDUCATION (ELED)**

**308. PRE-STUDENT TEACHING EXPERIENCES.** (2) Fall, Spring.

Forty clock hours of field and clinical experiences and one hour of on-campus classroom experiences per week. Prerequisite: Admission to the Teacher Education Program. Fee: \$36.75.

**381. KINDERGARTEN PRACTICUM.** (3) Fall, Spring.

Teaching preschool children. Students who have completed or plan to complete 441 in grades 1-3 should take this for only 3 hours. Others certifying for kindergarten will need to take 383 for 6 hours. Prerequisites: EDFD 201, 203, 307, 309, 410 or 411; 15 hours from ART 211; BIOL 408; ECON 315; ENG 350; GEOG 302 or 303; MATH 225; MUS 116; KINS 330; and junior standing. Fee: \$73.50.

**383. KINDERGARTEN PRACTICUM.** (6) Fall, Spring.

Same as 381 except twice as much time is spent teaching pre-school children. Must be taken by students who have completed or will complete ELED 441 in grade 4 or higher. Prerequisites: Same as 381. Fee: \$171.25.

**408. INTEGRATING ELEMENTARY SCHOOL MATHEMATICS AND SCIENCE.** (1) Fall, Spring.

A laboratory designed to assist elementary teachers in creating successful learning environments for students, promote professional growth for teachers involving mathematics and science content and instructional strategies, and provide instruction in the use of appropriate mathematics and manipulatives, calculators, science equipment, and technology in the elementary classroom. Prerequisites: MATH 225 and admission to the Teacher Education Program. Corequisite: BIOL 408.

**410. KINDERGARTEN CURRICULUM.** (3) Fall, Summer.

A study of objectives and content of the kindergarten curriculum. Six hours of laboratory work. Prerequisite: Admission to the Teacher Education Program.

**411. KINDERGARTEN METHODS AND MATERIALS.** (3) Spring, Summer.

Materials and methods of teaching in the kindergarten curriculum. Six hours of laboratory work. Prerequisite: Admission to the Teacher Education Program.

**412. READING: EMERGENT LITERACY.** (3) Fall, Spring.

Teaching integrated language arts in the primary grades with an emphasis on understanding the nature of reading and writing, phonics, and literature-based instruction. Prerequisite: Admission to the Teacher Education Program.

**413. READING: FUNCTIONAL LITERACY.** (3) Fall, Spring.

Teaching integrated reading and writing in the upper elementary grades with emphasis on teaching reading in the content areas, including study skills, teaching strategies, assessment procedures, and remediation techniques. Prerequisites: ELED 412 and admission to the Teacher Education Program.

**441. SUPERVISED TEACHING — ELEMENTARY.** (12) Fall, Spring.

A semester of teaching in an elementary classroom under the supervision of a qualified cooperating teacher. Prerequisites: EDFD 201, 203, 307, 309, 320; ELED 308, 412, 413, 408; BIOL 408; 15 hours from ART 211; ECON 315; ENG 350; GEOG 302 or 303; MATH 225; MUS 116; KINS 330; and admission to the supervised teaching semester. Transfer students who took EDFD 201, 203, 307, or 309 elsewhere may be requested to do additional laboratory work in courses taken in residence here. Application to the supervised teaching semester must be filed with the Director of Field Experiences 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 are accepted only upon approval of the dean. Fee: \$171.25.

**442. SUPERVISED TEACHING — K-6.** (8) Fall, Spring.

A semester of teaching in a kindergarten and elementary classroom under the supervision of a qualified cooperating teacher. Eight weeks of teaching in grades 1-3 and the remainder in kindergarten. Prerequisites and requirements: Same as ELED 441; completion of either 410 or 411. Fee: \$171.25.

**481. STUDENT TEACHING PRACTICUM.** (3) Fall, Spring.

Four weeks of teaching, or its equivalent, in a classroom situation under the supervision of a qualified cooperating teacher. Available only to students who need more than the normal supervised teaching semester. May be repeated. Prerequisite: Admission to the supervised teaching semester. Fee: \$73.50.

**READING (RDNG)**

Courses listed in this section are designed for the ADVANCE program.

**110. EFFECTIVE COLLEGE READING.** (2)

Practice and instruction in the basic skills of reading. Corequisite: Reading Lab 112 for one hour credit.

**111. CRITICAL READING AND REASONING.** (2)

Advanced practice and instruction in the basic skills of reading. Corequisite: Reading Lab 113 for one hour credit.

**READING LAB 112.** (1)

This lab must be taken concurrently with RDNG 110. May be repeated without enrolling in RDNG 110.

**READING LAB 113.** (1)

This lab must be taken concurrently with RDNG 111. May be repeated without enrolling in RDNG 111.

**SECONDARY EDUCATION (SEED)**

**308. PRE-STUDENT TEACHING EXPERIENCES.** (1) Fall, Spring.

Thirty clock hours of field and clinical experiences and one hour of on-campus classroom experiences per week. Prerequisite: Admission to the Teacher Education Program. Fee: \$36.75.

**416. THE MIDDLE SCHOOL.** (3) Offered on demand.

Methods and materials of teaching in the middle school. Organization and development of the middle school curriculum. Exploration of future trends in the subject-field content through discussion, problem solving, and projects. Prerequisite: Admission to the Teacher Education Program.

**417. CLASSROOM ASSESSMENT.** (2) Fall, Spring.

Problems of evaluation. Grading systems. Construction and evaluation of tests. Uses and interpretation of test results. Prerequisites: Same as for SEED 451/461. Should be taken during the supervised teaching semester; exceptions must be approved by the dean. Prerequisite: Admission to the Teacher Education Program.



## 419-430. SECONDARY METHODS COURSES

Courses numbered 419-430 deal with the curriculum and methods of teaching secondary school subjects. A general or special methods course is either a prerequisite or a corequisite to the supervised teaching semester. Prerequisite: Admission to the Teacher Education Program.

### 419. TEACHING MODERN FOREIGN LANGUAGE. (3) Fall.

Methods and materials of teaching a foreign language in the secondary school. Fee: \$18.00.

### 420. TEACHING ART. (3) Spring.

Methods and materials of teaching art in the secondary school. Fee: \$18.00.

### 421. TEACHING BUSINESS. (3) Spring.

The objectives and place of business education in the curriculum. Application of methods for basic business understanding. Techniques and methods of teaching business subjects in the secondary schools. Fee: \$18.00.

### 423. TEACHING ENGLISH. (3) Spring.

Methods and materials of teaching English in the secondary school. Fee: \$18.00.

### 424. TEACHING VOCATIONAL FAMILY AND CONSUMER SCIENCES. (3) Spring.

Methods and materials of teaching vocational and occupational family and consumer sciences in the middle and secondary school. Collection and organization of teaching materials, evaluation, teaching aids, equipment, and management of the department. Fee: \$18.00.

### 425. TEACHING MATHEMATICS. (3) Spring.

Methods and materials of teaching mathematics in the secondary school. Fee: \$18.00.

### 426. TEACHING MUSIC. (3) Spring.

Methods and materials of instruction and direction of choral organizations in high school. Registration restricted to music majors. Fee: \$18.00.

### 427. TEACHING KINESIOLOGY. (3) Spring.

Methods and materials of teaching physical education in secondary schools and the organization of physical education programs. Fee: \$18.00.

### 428. TEACHING SCIENCE. (3) Offered on demand.

Methods and materials of teaching science in the secondary school. Fee: \$18.00.

### 429. TEACHING SOCIAL SCIENCE. (3) Offered on demand.

Methods and materials of teaching social science in the secondary school. Fee: \$18.00.

### 430. TEACHING SPEECH. (3) Fall.

Methods and materials of teaching speech at the secondary level. Speech fundamentals, public speaking, discussion, debate, interpretation, radio, and drama. Fee: \$18.00.

### 431. INSTRUCTIONAL STRATEGIES AND CLASSROOM MANAGEMENT. (3) Spring.

Methods of teaching and managing secondary classes. Fee: \$18.00.

### 451. SUPERVISED TEACHING: SECONDARY. (8) Fall, Spring.

Twelve weeks of teaching in a secondary school under the supervision of a qualified cooperating teacher. Prerequisites: EDFD 201, 203, 307, 309, 320, one course from 419-431, and admission to the supervised teaching semester. SEED 419-431 may be taken concurrently. Transfer students who took EDFD 307 or 309 elsewhere may be required to complete additional laboratory work in courses taken in residence here. Application to the supervised teaching semester must be filed with the Director of Field Experiences prior to the semester in which supervised teaching is to be done. The

1995-1996 Harding University Catalog 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 dean. Fee: \$146.25.

### 461. SUPERVISED TEACHING K-12. (8) Fall, Spring.

All students certifying in art or music must take SEED 461. Course description is the same as 451. Fee: \$146.25.

### 480. SUPERVISED TEACHING SEMINAR. (1) Fall, Spring.

Meets throughout the supervised teaching semester. Opportunities for relating content in classroom management, instructional strategies, cross-cultural experiences, diagnosing and remediating learning problems, and mainstreaming exceptional children to actual experience. Required of all student teachers during supervised teaching semester.

### 481. STUDENT TEACHING PRACTICUM. (3) Fall, Spring.

Four weeks of teaching, or its equivalent, in a regular high school situation under the supervision of a qualified cooperating teacher. Available only to students who need more than the normal 12 weeks of teaching. May be repeated as needed. Prerequisite: Admission to the supervised teaching semester. Fee: \$73.50.

## SPECIAL EDUCATION (SPED)

### 303. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3) Fall, Spring, Summer.

Children considered to be exceptional, in reference to educational and psychological needs, with discussion of all phases and concepts of exceptionality. Prerequisite: EDFD 203 or PSY 240.

### 308. PRE-STUDENT TEACHING EXPERIENCES. (2) Fall, Spring.

Forty clock hours of field and clinical experiences and one hour of on-campus classroom experiences per week. Prerequisite: Admission to the Teacher Education Program. Fee: \$36.75.

### 400. ASSESSMENT OF THE EXCEPTIONAL CHILD. (3) Fall.

Procedures for assessing children who are exceptional, with emphasis on the interpretation and application in the educational process. Must enroll concurrently in accompanying lab. Prerequisite: Admission to the Teacher Education Program.

### 407. BEHAVIORAL MANAGEMENT. (3) Fall, Summer.

Behavior modification and classroom management techniques. Student evaluation and diagnosis. Construction and interpretation of test results. Prerequisite: Admission to the supervised teaching semester.

### 408. MILDLY DISABLED CHILDREN. (3) Fall.

Problems encountered by children with learning problems. Educational, social, and psychological development needs. Prerequisite: Admission to the Teacher Education Program.

### 409. EDUCATIONAL PROCEDURES FOR CHILDREN MILDLY DISABLED. (3) Fall, Spring.

Disorders of auditory and written language, reading, and mathematics. Non-verbal disorders of learning. Educational and psychological needs of mildly disabled students. Prerequisite: Admission to the Teacher Education Program.

### 415. ISSUES IN HUMAN DEVELOPMENT. (3) Spring, Summer.

An advanced study of current issues in human development. Prerequisite: EDFD 203 and admission to the Teacher Education Program.



**418. EDUCATING THE EXCEPTIONAL CHILD — SECONDARY.** (2) Fall, Spring, 1995, 1996 Harding University Catalog

The nature and needs of and procedures for mainstreaming the exceptional child in the regular secondary classroom. Required of secondary education teachers during supervised teaching. Prerequisite: Admission to the supervised teaching semester.

**419. CLASSROOM MANAGEMENT AND ASSESSMENT — ELEMENTARY AND SPECIAL EDUCATION.** (3) Fall, Spring.

Opportunities for relating content and supervised teaching to classroom management, instructional strategies, assessment, and multicultural experiences. Required of all elementary and special education student teachers throughout the supervised teaching semester. Prerequisite: Admission to the Teacher Education Program. Fee: \$18.00.

**475. SUPERVISED TEACHING: MILDLY DISABLED.** (12) Fall, Spring.

A semester of teaching under supervision of a qualified supervising teacher. Prerequisites: EDFD 201, 203, 307, 309, 320; SPED 303, 308, 400, 408, 409, 415; ELED 412, 413; COMD 250; ENG 350; MATH 115, 225; admission to the supervised teaching semester. Application to the supervised teaching semester must be filed with the Director of Field Experience 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 are accepted only upon approval of the dean. Fee: \$171.25.

**481. STUDENT TEACHING PRACTICUM.** (3) Fall, Spring.

Four weeks of teaching, or its equivalent, in a special education class situation under the supervision of a qualified supervising teacher. Available only to students who need more than the normal semester. May be repeated as needed. Fee: \$73.50. Prerequisite: Admission to the supervised teaching semester.

**SCHOOL OF NURSING**

DEAN: Cathleen M. Shultz, Ph.D., R.N., F.A.A.N.

**PROFESSORS:**

Cathleen M. Shultz, Ph.D., R.N., F.A.A.N.

Helen Lambert, Ed.D., R.N.

Associate Dean and Nursing Student Services Director

**ASSOCIATE PROFESSORS:**

Nancy O'Brien, M.S., R.N.

Resource Committee Chair

Janice Linck, M.S.N., R.N.

Curriculum Director

Jerry Myhan, M.S.N., R.N.P., C.S.

Health Care Missions Coordinator

**ASSISTANT PROFESSORS:**

Jeannie Burt, M.A., R.N.

\*Da'Lynn Clayton, M.S., R.N.

Johnetta Kelly, M.N.Sc., R.N., C.S.

Cheryl Lee, M.N.Sc., R.N., C.S., C.E.T.N.

**INSTRUCTOR:**

Jackie Harris, M.N.Sc., R.N., O.N.C.

**LECTURERS:**

Sandra Berryman, B.S.N., R.N.P.

Elizabeth Dominski, B.S.N., R.N.

Lela Hurd, B.S.N., R.N.

Karen Kelley, B.S.N., R.N.

\*On leave of absence

The School of Nursing curriculum is a four-year program which culminates with the awarding of the bachelor of science in nursing (B.S.N.) degree. Graduates in nursing are eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN) in any state. Moreover, graduates are qualified for generalist positions in professional nursing practice and for graduate study in nursing.

**Precollege Preparation:** High school students are strongly urged to take two units of algebra, two units of biology, at least one unit of chemistry, and four units of English. High school graduates who have fewer than two units of algebra or who have an ACT math subscore of 25 or below (O-SAT 550 or below; R-SAT 560 or below) are strongly encouraged to take MATH 105 or an equivalent in the summer preceding initial fall enrollment.

**Prenursing Program:** Typically the freshman and sophomore years of college constitute the Prenursing Program and serve as preparation for admission to the Nursing Program in the junior year. During the Prenursing Program many general education courses are taken. All of the prerequisite courses for



entry into the Nursing Program, including those in general education and the major, must be completed. During this time, application to the Nursing Program must be made.

NURS 100, 203, and 363, all Nursing Program prerequisites, are offered in the summer in addition to the fall and spring semesters. Other courses in nursing are also offered during the summer. For information on course scheduling, consult the assistant to the dean.

NURS 300 is recommended for admission into the program. Students who complete the course prior to admission are assigned to Sequence A of the course schedule; those who do not are assigned to Sequence B.

Transfer students must file transcripts of all college work with the registrar and should consult with the dean of the School of Nursing for individual appraisal and placement. Transfers must satisfy all general education requirements including 8 hours of textual Bible.

Students who enroll in prenursing and nursing courses consent to participate in the learning activities required in those courses in order to progress in the nursing curriculum.

### PRENURSING CURRICULUM

FIRST YEAR ..... Fall, Spring	SECOND YEAR ..... Fall, Spring
*CHEM 114# ..... 4, 0	*BIOL 275, 271 ..... 4, 4
*BIOL 113 ..... 0, 3	*FCS 331, 323 ..... 3, 3
*ENG 111, *PSY 201 ..... 3, 3	ENG 201 or 202, 211 ..... 3, 3
*NURS 100 ..... 0, 1	*NURS 203, 363 ..... 3, 2
*SOC 203 ..... 0, 3	KINS activity ..... 1, 0
**HIST 101, 111 ..... 3, 3	*MATH 200 ..... 0, 3
KINS 101, KINS activity ..... 1, 1	BNEW 211, 213, 215, BRED 234 (2) .. 2, 2
ART and MUS 101 ..... 2, 2	
BNEW 112, BOLD 101 ..... 2, 2	
COMO 101 ..... 3, 0	
Total ..... 18, 18	Total ..... 16, 17
	NURS 300## (5 hours)

\* These prerequisite courses must be completed with a minimum grade of "C" prior to admission to the School of Nursing.

\*\* If you want to take a foreign language to fulfill global literacy requirements, history courses can be taken later.

# If you have taken fewer than two years of high school algebra, you are strongly encouraged to take MATH 105 prior to enrolling in CHEM 114 (or during the summer session preceding the fall semester of the first year). Entering freshmen must achieve an ACT English subscore of 14 (270 on the O-SAT; 350 on the R-SAT) and ACT math subscore of 14 (290 on the O-SAT; 330 on the R-SAT) in order to take CHEM 114 during the freshman year.

## NURS 300 is a prerequisite for admission to Sequence A. Students who do not complete NURS 300 before admission to the Nursing Program are assigned to Sequence B.

Sophomores making satisfactory progress toward admission to the Nursing Program must file an application with the School of Nursing by October 1 prior to the fall semester you wish to enter, or by March 1 prior to the spring semester. Students who wish to apply after the deadline must contact the assistant to the dean.

Conditional admission is granted to students who have made application and show promise of satisfying all admission requirements in a timely manner. All prerequisites must be met in order to be admitted to the program and pursue the curriculum. As soon as all requirements are met, conditional status is removed and notification of unconditional admission status is made.

A Hepatitis B vaccination must be completed prior to the semester admitted.

**Nursing Program:** Admission to the Nursing Program requires a 2.0 overall GPA, a 2.5 GPA in prenursing courses, and junior standing. Priority for admission is given to students with high nursing GPA's. To remain in the program you must maintain a 2.5 GPA in nursing, including a grade of "C" or better in all nursing courses, and make satisfactory progress toward the degree.

Prior to admission to the Nursing Program, you must present medical certification indicating health status, current immunization, satisfactory blood tests, and a tuberculosis skin test (PPD/intradermal) or chest x-ray and other laboratory results as indicated on the School of Nursing health form. Current certification in cardiopulmonary resuscitation (CPR) is required. Health and disability insurance coverage are strongly encouraged.

### BACHELOR OF SCIENCE IN NURSING DEGREE NURSING MAJOR (NURS)

REQUIREMENTS	HOURS
<b>General Education (p. 60):</b>	51
Do not take PH S 111, 112, 113, 115, 116. Physical science is satisfied by CHEM 114, counted below in the major.	
ENG 111, SOC 203, PSY 201, BIOL 113, and MATH 200 are general education prerequisites for admission to the Nursing Program.	
NURS 344 and 413 each satisfy 3 hours of global literacy and are recommended for students interested in health care missions.	
<b>Major:</b>	80
Prerequisites for admission to the Nursing Program:	
6 hours in NURS 100, 203, 363;	
18 hours in FCS 323, 331, CHEM 114, BIOL 271, 275.	
Required, and recommended before entry into the Nursing Program:	
5 hours in NURS 300.	



# Courses in the Nursing Program:

49 hours in NURS 321, 322, 350, 351, 352, 354, 362, 412, 450, 452, 453, 454, 455, 461, 462.

Required Bible: 2 hours in BDOC 354.

## Remaining Bible:

BDOC 354 is required and counted above in the major.

NURS 413 is recommended, and when taken for 3 hours, satisfies both Bible and global literacy, thus reducing the size of the major by 2 hours.

BOLD 305 and BNEW 312, 317 are offered as night classes in order to facilitate nursing schedules.

## TOTAL HOURS

137

## CURRICULUM TRACKS

Students in the program are assigned to one of three curriculum tracks based on past educational experience.

**Traditional Track:** The Traditional Track is for students who are non-licensed as nurses and who do not have baccalaureate degrees in fields other than nursing. Typically, this track is completed in four years of full-time academic study; part-time study is available.

## TRADITIONAL TRACK

### JUNIOR YEAR

Sequence A		Sequence B	
Global Literacy .....	3	NURS 300 .....	5
NURS 322 .....	2	NURS 321 .....	1
NURS 351 .....	5	NURS 350 .....	5
NURS 352 .....	5	NURS 354 .....	2
NURS 362 .....	1	NURS 412 .....	3
NURS 363 .....	2	BDOC 354 .....	2
Bible .....	2		
<b>Total .....</b>	<b>20</b>	<b>Total .....</b>	<b>18</b>

### SENIOR YEAR

Sequence A		Sequence B	
NURS 452 .....	5	Global Literacy .....	3
NURS 453 .....	5	NURS 450 .....	5
*NURS 461 .....	3	NURS 454 .....	3
**NURS 462 .....	2	NURS 455 .....	2
Bible .....	2	*NURS 461 .....	3
		**NURS 462 .....	2
		Bible .....	2
<b>Total .....</b>	<b>15-17</b>	<b>Total .....</b>	<b>18-20</b>

**Accelerated Track:** Beginning in the fall of 1997, students who have baccalaureate degrees in fields other than nursing or who have a nursing GPA of 3.5 are eligible for the Accelerated Track.

Students eligible for the Accelerated Track may enroll in the Traditional Track. Students who are unsuccessful in the Accelerated Track will be reassigned to the Traditional Track. The Accelerated Track schedule beginning in the fall of 1997 is outlined below.

JUNIOR YEAR	Fall, Spring		SUMMER
NURS 300.....	5, 0	NURS 451 (450 Clinical).....	2
NURS 321, 322.....	1, 2	NURS 454.....	3
NURS 350.....	5, 0	NURS 455.....	2
NURS 351.....	0, 5		
NURS 352.....	0, 5	SENIOR YEAR	
NURS 354.....	2, 0		
NURS 362.....	0, 1	NURS 452.....	5
NURS 412.....	3, 0	NURS 453.....	5
NURS 451 (450 Theory).....	0, 3	NURS 461.....	3
Global Literacy/BDOC 354.....	2, 3	NURS 462.....	2
		Bible.....	2
Total.....	18, 19	Total.....	17-19

**Advanced Placement Track:** The Advanced Placement Track is available to students who hold current Arkansas nursing licensure (licensed practical nurses, licensed psychiatric technical nurses, and registered nurses). The School of Nursing has adopted the Arkansas articulation plan for advanced placement. Licensed nurses who have completed prerequisite courses are eligible for the advanced placement track. Work experience is required for admission if the initial degree or diploma was obtained 12 or more months before admission to the School of Nursing. NLN Mobility Profile testing is required if admission is sought more than 60 months (five years) after initial graduation or if work experience criteria is unmet. All nursing courses are held in escrow until degree requirements are completed. Licensed nurses should contact the assistant to the dean for review of prior clinical and educational experiences and formulation of an individualized degree plan.

## REGISTERED NURSES

Registered nurse students who have completed prerequisite courses are eligible for the Advanced Placement Track. Registered nurses must take NURS 315 (5 hours), required nursing courses, and selections from a menu of nursing courses to satisfy degree requirements. This program usually requires two semesters of full-time nursing study; part-time study is available. Thirty nursing hours are awarded and held in escrow once admission requirements are completed. Registered nurse students who wish to complete the Traditional Track may elect to do so.



Prior to the semester in which 300-level nursing courses are taken, registered nurse students seeking admission more than 60 months (5 years) after initial graduation must take the following examinations during a scheduled testing session:

NLN Nursing Mobility II Tests  
 Care of the Adult Client  
 Care of the Client during Childbearing  
 Care of the Child  
 Care of the Client with Mental Disorders

#### LICENSED PRACTICAL NURSES (LPN or LPTN)

For Licensed Practical Nurses, the traditional track is taken except for the courses exempted by the following testing sequence. Testing may be omitted if work criteria experience is met and if admission is sought fewer than 60 months (five years) following graduation. After completion of prerequisite courses and prior to the semester in which 300-level nursing courses are taken, Licensed Practical Nurses must take the following during a scheduled testing session:

NLN Nursing Mobility Profile I, Book I Foundations of Nursing  
 Skills Validation Test  
 Drugs and Solutions Test

Upon successful completion of these three tests, credit is awarded for Nursing 321, 322, 362, and the basic skill portion of NURS 300 (6 hours). After completion of prerequisite courses, the Traditional Track is taken and the Nursing Program is completed. See the Traditional Track course sequence listed earlier.

#### SIGMA THETA TAU HONOR SOCIETY

The Epsilon Omicron Chapter of Sigma Theta Tau International, Inc., a college honor society in nursing, was chartered at Harding University on February 9, 1982, following application 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 demonstration of outstanding qualities in character, leadership, nursing ability, and scholastic achievement. An induction ceremony is held every spring.

#### SECOND MAJOR IN VOCATIONAL MINISTRY

Students interested in a second major in vocational ministry must take 33 hours of Bible as specified in the vocational ministry major listed in the College of Bible and Religion catalog section.

#### NURSING FEES AND INCIDENTAL EXPENSES

In addition to general fees, Harding administers special fees for NURS 203, 300, 315, 350, 351, 352, 362, 450, 452, 453, 462. These fee amounts are listed both in the Special Fees catalog section and in the individual course descriptions.

Beyond fees administered by the university, nursing majors incur personal incidental expenses for which you are personally responsible. These include uniforms, insignia, equipment, and transportation. The table below lists approximate expenses.

YEAR	ITEM	AMOUNT
Sophomore	Lab coat .....	\$20.00
	Gas for car (\$2 per trip x 5 trips) .....	10.00
	Stethoscope .....	25.00
	Blood Pressure Cuff .....	35.00
Junior	Uniforms .....	155.00
	Name pin .....	3.50
	Emblem .....	3.00
	Bandage scissors .....	5.00
Senior	Watch with second hand .....	variable
	Gas for car (\$8 per trip x 42 trips per semester) .....	336.00
	School pin .....	55.00
	Senior graduating expenses (uniforms, pictures, etc.) .....	150.00
	Pinning Ceremony .....	75.00
	Gas for car (\$8 per trip x 42 trips per semester) .....	336.00

#### NURSING (NURS)

##### 100. INTRODUCTION TO NURSING. (1) Fall, Spring, Summer.

Nursing from a historical perspective, national nursing trends, other health care disciplines, changing national and global health care systems, and the relationship of nursing to Christian service are explored. Supportive personal and professional relationships and lifelong health habits are encouraged. Required with a grade of "C" for admission to the Nursing Program. Open to all students. One hour lecture per week.

##### 203. HEALTH ASSESSMENT. (3) Fall, Spring, Summer.

Using the nursing process, students assess the client's physical, psychological, social, and spiritual dimensions as a foundation to nursing care. The skills of interviewing, documentation, inspection, percussion, palpation, and auscultation are refined to make clinical judgments and promote healthy client outcomes. Skills are adjusted according to the client's developmental level. Required with a grade of "C" for admission to the Nursing Program. Open to non-nursing students with prior approval. Two lecture hours and 3 laboratory hours per week. Prerequisites: BIOL 113, 275. Fee: \$42.00.

##### 300. PROFESSIONAL NURSING. (2-5) Fall, Spring, Summer.

Foundational nursing knowledge, skills, and practice interventions. The course incorporates principles from the sciences and humanities and emphasizes entry-level nursing practice based on the nursing process. Content focuses on safe practice using curriculum strands of critical thinking, Christian principles, leadership, teaching-learning, communication, research, global perspective and the nursing process. Must be taken prior to Track A of the junior year. A grade of "C" or higher is required. Three lecture hours and 6 laboratory hours per week. Prerequisites: NURS 100, 203. Fee: \$105.00.

##### 315. NURSING TRANSITION. (5) Fall, Spring (on sufficient demand).

A bridge course for licensed nurses pursuing a baccalaureate degree in nursing. The course incorporates principles from the sciences and humanities and focuses on nursing theories, ethical and legal issues, health care changes, professionalism, clinical decision-making, and all curriculum strands. The course is required of students prior to taking



other upper-division nursing courses. Three lecture hours per week; additional hours to be arranged. Prerequisites: Successful completion of NLN Mobility Profile II Tests and Arkansas RN licensure. Fee: \$141.75.

**321. PHARMACOLOGY AND NURSING I.** (1) Fall, Spring.

Specific drug classifications, pharmacokinetic properties, and expected therapeutic outcomes. Associated nursing assessments, analysis, planning, therapeutic nursing interventions, and evaluations are discussed relative to clients' developmental levels and life-long health habits. Responsibility and accountability for nursing actions, including client teaching-learning related to pharmacology, are emphasized. One lecture hour per week. Prerequisite: Junior standing.

**322. PHARMACOLOGY AND NURSING II.** (2) Fall, Spring.

Specific drug classifications, pharmacokinetic properties, and expected therapeutic outcomes. Associated nursing assessments, analyses, planning, therapeutic nursing interventions and evaluations are discussed relative to clients' developmental levels and lifelong health habits. Responsibility and accountability for nursing actions, including client teaching-learning related to pharmacology, are emphasized. Two hours lecture per week. Prerequisite: Junior standing.

**344. HEALTH CARE MISSIONS PRACTICUM.** (1-8) Offered on demand.

An elective course which focuses on Christian servant application of the nursing process in global health care mission settings. Nursing interventions and communication are studied relative to cultural norms, values, roles, and practice. Individual responsibility for health and client teaching-learning are encouraged along with resource conservation. Three to 24 clinical hours per week. Prerequisite: Junior standing.

**350. PSYCHIATRIC AND MENTAL HEALTH NURSING.** (5) Fall, Spring.

Research-based theories, concepts, and the nursing process are emphasized using critical thinking skills to provide holistic nursing care. In tertiary care and community-based settings, students use standards of ethical professional nursing practice to assist adult clients with mental health and psychiatric concerns to restore, maintain, and promote health, or attain optimum well-being. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect for human worth and dignity, national and global concerns, and a commitment to a servant-leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Junior standing. Fee: \$57.75.

**351. NURSING ADULTS WITH CHRONIC HEALTH AND REHABILITATION CONCERNS.** (5) Fall, Spring.

Research-based theories, concepts, and the nursing process are emphasized using critical thinking skills to provide holistic nursing care. In tertiary care and rehabilitation and community-based settings, students use standards of ethical professional nursing practice to assist adult clients with chronic health and rehabilitation concerns to restore, maintain, and promote health, attain optimum well-being, or die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect for human worth and dignity, national and global concerns, and a commitment to a servant-leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Junior standing. Fee: \$57.75.

**352. NURSING ADULTS WITH ACUTE HEALTH CONCERNS.** (5) Fall, Spring.

Research-based theories, concepts and the nursing process are emphasized using critical thinking skills to provide holistic nursing care. In tertiary care and rehabilitation and community-based settings, students use standards of ethical professional nursing practice to assist adult clients with acute health concerns to restore, maintain, and promote health, attain optimum well-being, or die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect

for human worth and dignity, national and global concerns, and a commitment to a servant leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Junior standing. Fee: \$57.75.

**354. GERONTOLOGICAL NURSING.** (2) Fall, Spring.

Concepts, knowledge, and cultural information essential to holistic nursing care of older adults are explored using the nursing process. Community resources are identified and interdisciplinary collaboration encouraged in secondary and community-based care settings to assist elders in adapting to the aging process, maintaining wellness, and achieving optimum well-being. Primary prevention of common acute and chronic health problems is emphasized while exploring nursing interventions to assist older clients to restore, maintain, and promote health, attain optimum well-being, or die with dignity. Two lecture hours or 6 laboratory hours per week with additional observational experiences to be arranged. Prerequisite: Junior standing.

**360. NURSING PRACTICE: CONCEPTS I.** (2) Fall.

Concepts which affect the professional nursing practice of individuals, families, groups, and communities are explored primarily using case study methodology. Two hours lecture per week. Prerequisite: Junior standing.

**362. NURSING PRACTICE: INTERVENTIONS.** (1) Fall, Spring.

The theoretical base for applying advanced professional nursing skills and interventions using current standards of nursing practice are studied. Christian principles of stewardship and resource use and conservation are stressed while utilizing the nursing process as a framework for making safe and effective clinical judgments which foster restoring health and preventing illness. One hour lecture or 3 hours laboratory per week. Prerequisite: Junior standing. Fee: \$84.00.

**363. PATHOPHYSIOLOGY FOR NURSING PRACTICE.** (2) Fall, Spring.

Alterations in physiological well-being across the lifespan are studied from national and global nursing perspectives as pathological responses to disease, stress, and environmental changes. Critical thinking, research findings, and scientific knowledge are applied to analyze clinical nursing implications and client outcomes. Two lecture hours per week. Prerequisites: Sophomore standing, NURS 100, BIOL 113, 275, CHEM 114.

**367. COOPERATIVE EDUCATION PRACTICUM.** (1-3) Fall, Spring, Summer.

An elective course designed to meet individualized student learning needs utilizing various clinical settings. Student initiated objectives relative to curriculum strands are matched with the clinical setting; arrangements are coordinated through the campus Cooperative Education Office. The experience is to augment clinical application of the student's achieved learning level with guidance from the faculty and clinical mentor. May be taken with any junior or senior nursing course. Three to 9 clinical hours per week. See the Cooperative Education catalog section (p. 58).

**412. RESEARCH IN NURSING.** (3) Fall, Spring.

Basic research concepts with application to professional nursing practice are introduced, using critical thinking, critical reading, and critiquing processes. Based upon Christian principles and ethics, research findings and utilization are explored and related to client outcomes. May be taken by non-nursing students with prior approval from the dean. Three hours lecture per week. Prerequisites: Junior standing, MATH 200.

**413. HEALTH CARE MISSIONS.** (2-3) Fall, Spring (on sufficient demand).

An elective course which acquaints learners with the delivery of quality health care and evangelism in developing countries. Christian ideals are explored in a cultural and global context. Being a servant-leader, developing supportive relationships and effective communication, and achieving optimum individual and community well-being are emphasized. Three hours lecture per week. May be taken for concurrent Bible and



global literacy credit. If the course is taken for global literacy credit, it must be taken for 3 hours credit. Satisfies the Bible requirement in the semester it is taken. Prerequisite: Junior standing.

**450. PEDIATRIC AND CHILD HEALTH NURSING.** (5) Fall, Spring.

Research-based theories, concepts, and the nursing process are emphasized using critical thinking skills to provide holistic care relative to children and their families. In tertiary and community-based settings, students use standards of ethical professional nursing practice to assist pediatric clients and their families with acute and chronic health concerns to restore, maintain, and promote health, attain optimum well-being, or die with dignity. Nursing process is emphasized in class and clinical learning experiences related to health needs, developmental tasks, and responses to health concerns in children from birth to adolescence. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect for human worth and dignity, national and global concerns, and a commitment to a servant-leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Senior standing. Fee: \$57.75.

**451. INDEPENDENT STUDY.** (1-4) Offered on demand.

With faculty guidance, the student develops course objectives relative to the topic under study and a plan to achieve these objectives. The course may be experiential or a directed reading, study, or research. Curriculum strands guide the learning experience. Offered each semester upon approval of the associate dean. May be repeated.

**452. MATERNITY AND WOMEN'S HEALTH NURSING.** (5) Fall, Spring.

Research-based theories, concepts, and the nursing process are emphasized using critical thinking skills to provide holistic nursing care. In tertiary and community-based settings, students use standards of ethical professional nursing practice to assist neonates and women with maternity or other women's health concerns to restore, maintain and promote health, attain optimum well-being, or die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect for human worth and dignity, national and global concerns, and a commitment to a servant-leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Senior standing. Fee: \$57.75.

**453. COMMUNITY HEALTH NURSING.** (5) Fall, Spring.

Research-based theories, concepts, and the nursing process are emphasized using critical thinking skills to provide holistic nursing care. Applying the nursing process to the community's health concerns is explored. In community-based settings and homes, students use standards of ethical professional nursing practice to assist clients of all developmental levels with acute and chronic health concerns to restore, maintain, and promote health, attain optimum well-being, or die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, respect for human worth and dignity, national and global concerns, and a commitment to a servant leadership lifestyle are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 14.5 clinical hours per week for seven weeks. Prerequisite: Senior standing. Fee: \$57.75.

**454. CRITICAL CARE NURSING.** (3) Fall, Spring, Summer (if sufficient demand).

Research-based theories, concepts, and basic critical care skills are emphasized within the framework of the nursing process using critical thinking skills to provide holistic nursing care to critically ill clients and their families. In tertiary care settings, students apply advanced nursing skills, standards of ethical professional nursing practice, Christian values of caring, faith, and service, and servant-leadership principles to assist adult clients with high risk, unstable, and critical health conditions to restore, maintain, and promote health or die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, and respect for human

worth and dignity are foundational to effective clinical judgments and client outcomes. Three lecture hours per week all semester and 16 clinical hours per week for three weeks. Prerequisite: Senior standing.

**455. NURSING LEADERSHIP AND MANAGEMENT.** (2) Fall, Spring.

Research-based leadership, followership, and management theories and concepts and the nursing process are emphasized using critical thinking skills and teaching-learning principles to provide holistic nursing care relative to the management of adult clients' health concerns. In secondary care settings, students apply standards of ethical professional nursing practice, Christian values of caring, faith, and service, and servant-leadership principles while working with peers and clinical agency employees to insure that clients' health is restored, maintained, and promoted or that they die with dignity. Responsibility and accountability for nursing care, collaboration, resource conservation and use, and respect for human worth and dignity are foundational to effective clinical judgments and client outcomes. One to two lecture hours and 16 clinical hours per week for three weeks; time to be arranged. Prerequisite: Senior standing.

**461. PROFESSIONAL NURSING ISSUES.** (3) Fall.

Life-long health habits, intellectual growth and learning, active professional participation, entry-level practice, Christian values of caring, faith, and service, developing supportive personal and professional relationships, ethical and legal concerns of nursing practice, and current political, social, economic, and professional issues facing nursing are explored. Three hours lecture per week. Prerequisite: Senior standing.

**462. NURSING CAPSTONE EXPERIENCE.** (1-2) Fall, Spring.

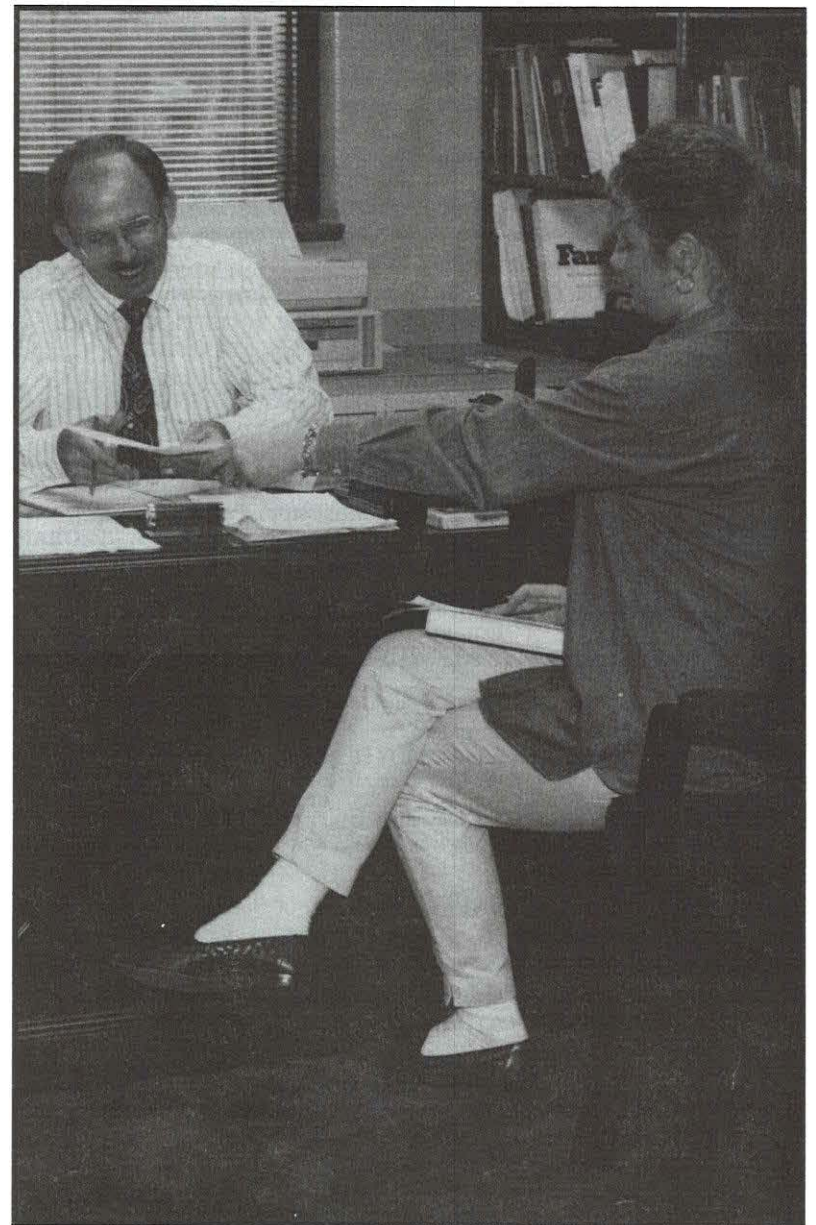
A synthesis course exploring application of critical thinking skills, communication skills, change theory, and professional role development in a clinical area. Professional behavior analysis, credentialing, and research critiquing are refined. Through the process of portfolio development, students review and summarize learning outcomes in the Nursing Program. Two lecture hours every other week and up to 40 clinical hours to be arranged. Fee: \$84.00.



Professor of Nursing Dr. Cathleen Shultz  
1995 Distinguished Teacher



## APPENDICES





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DALE BARTLEY, CHRIS McKINNEY, DAVID HALE, Pressmen; SHARON

JACKSON, Typesetter; RODGER GILLIAM, Cameraman; HELEN HARRIS,

Bindery Clerk; WILLA MATHIS, Secretary; DALE ENGLISH, Folder Operator

CLARENCE W. McDANIEL, JR., Manager of Laundry and Cleaners

GEORGE RUDESILL, WENDY VOELKERDING, Laundry Staff

#### TRANSPORTATION

GUILFORD RICE, Transportation Officer

DAVID RIDINGS, Pilot



## CAFETERIA AND COLLEGE INN

Operated by ARAMARK, ANNIECE GATES, Food Service Director

## VICE PRESIDENT FOR UNIVERSITY ADVANCEMENT

GARY D. ELLIOTT, Ph.D., Vice President for University Advancement and Director of Major Gifts

### ADVANCEMENT

DOUGLAS A. CAMPBELL, B.A., Director of Alumni Gifts

PHIL DIXON, J.D., Director of Planned Gifts

BILL HARRIS, Development Officer

DONNA HELMS, M.S., Assistant to the Vice President

PHIL E. HOGGARD, B.S., Director of Annual Gifts

J. ROWAN McLEOD, B.A., Director of Office Systems and Staff

DAVID A. WALKER, B.S., Director of Development, Harding Graduate School of Religion

ARTHUR C. WOODS, III, B.B.A., Director of Programs/Donor Services

ROBIN COKER, B.A., TONITA JERNIGAN, BRENDA WARDEN, and ANN L. WRIGHT, Secretaries

### ALUMNI

DORIS COWARD, B.A., Director of Alumni Relations

MARILYN DOWDY, Secretary



## APPENDIX 2

## SCHOLARSHIP, LOAN AND ENDOWMENT FUNDS

The information contained herein is presented in grateful appreciation of those who have given generously to provide funds to students at Harding.

Generally, when you apply for admission to Harding, you become a candidate for these funds. There is not a separate application for most of these scholarships. Those for which you may apply are noted.

### SCHOLARSHIP FUNDS

**SETH ELWOOD ADAMS MEMORIAL SCHOLARSHIP:** Established by family and friends in memory of Seth Adams of Fayetteville for full-time students.

**AMERICAN FOUNDERS SCHOLARSHIP FUND:** Established by the American Founders Insurance Company of Austin, Texas. Awarded on the basis of scholarship and need.

**KENNETH PAUL ARD MEMORIAL FUND:** Established by the family of Kenneth Paul Ard. Provides grants to Chorus members for participation in summer campaigns. Apply to the director of the Chorus.

**ASSOCIATED WOMEN FOR HARDING NEED-BASED SCHOLARSHIP:** Established through the fund-raising activities of AWH chapters throughout the nation. Aids freshman students. Apply to Donna Helms in University Advancement.

**E.B. BAGGETT MEMORIAL MUSIC SCHOLARSHIP:** Established by the family and friends of the late Elmer B. Baggett for members of both the Band and either the Concert Choir or the Chorus. Apply before May 1 through the director of the Band.

**BAKER MEMORIAL SCHOLARSHIP FUND:** Established by Donna Baker Barlar of Nashville, Tennessee, in memory of her parents, Asa and Mary Ann Morton Baker, for Christian young men who plan to preach or teach the gospel.

**J.D. AND MARY BALES SCHOLARSHIP FUND:** Established to provide financial assistance to families who have two or more children attending Harding simultaneously. Apply to the Office of Student Financial Services.

**T.H. BARTON SCHOLARSHIP FUND:** Established by Colonel T.H. Barton of El Dorado.

**CHARLIE AND NADINE BAUM ENDOWED SCHOLARSHIP FUND:** Established by the Baum family to assist academically average students from middle-income families who have difficulty obtaining financial aid.

**MILDRED L. BELL FAMILY AND CONSUMER SCIENCES SCHOLARSHIP FUND:** Established by faculty, friends, and family members as a tribute to Dr. Mildred L. Bell, chair of the Harding University Family and Consumer Sciences Department from 1959-1984.

**Z. BENSKY SCHOLARSHIP FUND:** Established by Z. Bensky of Little Rock to provide scholarship aid for a student in dramatics.

**MARGUERITE O'BANION BENSON ENDOWMENT SCHOLARSHIP FUND:** Established at the Graduate School of Religion for outstanding young men who are preparing for the ministry.

**PREMEDICAL ENDOWED SCHOLARSHIP FUND:** A \$500 scholarship for full-time premedicine students with a 3.25 GPA. Apply through the dean of the College of Arts and Sciences.



**BOOTH BROTHERS MEMORIAL SCHOLARSHIP FUND:** Established by the Booth family of Searcy as a memorial scholarship fund for Searcy students.

**NATALIE N. BOWEN VOCATIONAL FAMILY AND CONSUMER SCIENCES EDUCATION MEMORIAL SCHOLARSHIP FUND:** Established by her two daughters to assist outstanding young women and men majoring in vocational Family and Consumer Sciences education.

**BOYD-PEGAN ENDOWED SCHOLARSHIP FUND:** Established by a gift from Glenn and Shirley Boyd in memory of Courtland and Stella Pegan to provide assistance to senior Bible majors who plan to teach.

**HENRY JOHNSON BREEDLOVE SCHOLARSHIP FUND OF PREACHING:** Established for Bible majors by Agnes Breedlove in memory of her husband. Apply to the dean of the College of Bible and Religion.

**BREWER-MASON MEMORIAL SCHOLARSHIP FUND:** Established by friends and relatives of G.C. Brewer to aid worthy students, including Harding Academy.

**THE BUG MAN INC. SCHOLARSHIP FUND:** Established by William and Sonja McCauley of Little Rock to benefit married students entering their senior year in the School of Business. Apply to the dean of the School of Business.

**CLAUS AND EVER BURNHAM SCHOLARSHIP FUND:** Established by Mrs. Burnham to assist students who plan to be ministers of the gospel.

**THE BURNS-HARRIS SCHOLARSHIP FUND:** Established to assist deserving students majoring in physical science or mathematics.

**W.J. CARR SCHOLARSHIP FUND:** Founded by W.J. Carr of Junction City.

**CARR SCHOLARSHIP FOR NURSING:** Established by Taylor B. Carr of Southern Pines, NC, and Dr. James F. Carr, Jr., of Searcy in memory of their parents, James F. and Eula Barrett Carr. For student nurses who plan to enter medical missions or work in underserved areas.

**THE CARTER FAMILY ENDOWED SCHOLARSHIP FUND:** Established by the Paul Carter family of Bentonville for students in the College of Bible and Religion and the School of Business. Apply through the respective dean's office.

**CARTER SCHOLARSHIP FUND:** Established by Mr. and Mrs. Paul R. Carter to encourage students, who might not be able to attend otherwise, to enroll at Harding. Preference is given to students from northwest Arkansas.

**JAMES T. CONE MEMORIAL SCHOLARSHIP FUND:** Established by 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:** Established in memory of Catherine Farrar Williams for junior and senior students in designated areas of the health care field.

**ELIZABETH J. COUCHMAN MEMORIAL FUND:** Established by Elizabeth J. Couchman of Winchester, KY.

**ADLAI STEVENSON AND MARGARET PRICE CROOM SCHOLARSHIP:** Established by their children for an upper-class male Bible major from Arkansas.

**BRUCE ALAN DAVIS MEMORIAL SCHOLARSHIP:** Established by the parents of Bruce Alan Davis for members of the church of Christ who plan to do full-time church work after graduation or who are children of missionaries.

**CARLYLE DOCKERY MEMORIAL SCHOLARSHIP:** Established by Nell and Randall Owen in memory of C.C. Dockery of Pine Bluff. Preference is given to students from Pine Bluff and southeast Arkansas and descendants of Carlyle Dockery.

**JOHN THOMAS ENGLAND AND HENRY HALL MEMORIAL SCHOLARSHIP FUND:** Established in memory of these two men by their children, Wayne B. and Juanita England Hall, for Christian men attending Harding. Preference is given to those who are preparing to preach the gospel.

**W.P. EUBANKS MEMORIAL SCHOLARSHIP-LOAN FUND:** Established by E.R. Shannon of Clinton in memory of Mr. and Mrs. P. Eubanks. From this fund, both loans and scholarships are available.

**FANNING ORPHAN FUND** is for female students. One or both parents must be deceased. Scholarships range from \$800 per year and are awarded upon receipt of a formal application. Contact: Mr. J.P. Neal, President, Fanning Orphan Scholarship, 421 Cedar Cliff Drive, Antioch, TN 37013.

**FIKE-CROPPER SCHOLARSHIP FUND:** Established at the Graduate School of Bible and Religion by Don and Bonnie Fike of Jackson, Miss., to assist committed Christians who plan to preach the gospel at home or abroad.

**C.L. AND LOUISE GANUS SCHOLARSHIP FUND:** Established by friends in May 1987 upon his retirement in order to provide scholarships to deserving students.

**GROVER S. AND CAROL L. GARRETT ENDOWED SCHOLARSHIP FUND:** Established by the Garrett family to assist financially needy, full-time students.

**GEORGIA YOUTH FOUNDATION SCHOLARSHIP FUND:** As funds are available, scholarships are provided by the Georgia Youth Foundation for students from Georgia. Awards are based on financial need.

**DR. L.K. HARDING MEMORIAL SCHOLARSHIP FUND:** Created by Mrs. L.K. Harding in memory of her husband, the eldest son of James A. Harding, for whom the University is named.

**KATHRYN GWEN HARKER SCHOLARSHIP FUND:** Established by Jack L. Harker in memory of his daughter, Kathryn, for full-time students in the School of Nursing.

**MARY ANN WHITAKER HARRIS MEMORIAL SCHOLARSHIP FUND:** Established by Jack Harris as a memorial to his wife, Dr. Mary Ann Harris, who taught in the School of Education. For students in the School of Education, with preference given to elementary education majors.

**LAWRENCE G. HAYS SCHOLARSHIP FUND:** Established to assist young men majoring in Bible and missions.

**HERBERT AND JEWELL HEFFINGTON MEMORIAL SCHOLARSHIP FUND:** Established to assist deserving students in the following order: (1) Students who are members of the Holden Avenue Church of Christ in Newport; (2) Students from the Newport area; (3) Students from northeast Arkansas; (4) Students from Arkansas; and (5) Any student who has financial need.

**MARION ELLSWORTH AND ELIZABETH WARNER HENDRICKSON SCHOLARSHIP FUND:** Established in their memory by their daughter, Ruth Utterback of Ashland, Wis., to assist nursing students.

**JOHN H. AND ADA P. HINES ENDOWED SCHOLARSHIP FUND:** Established in their memory by their daughter, Margaret L. Hines and their son, Paul Harding Hines. Income is used to provide financial assistance to worthy young men preparing to preach Christ.

**MICHAEL JOHN AND CHARLES JOHN, JR., SCHOLARSHIP FUND:** 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 or are enrolled in the School of Biblical Studies.



**HOUSTON T. KARNES ENDOWMENT SCHOLARSHIP FUND:** Established by Mrs. Karnes and friends of Dr. Karnes to honor his memory by providing assistance to those selected by the dean of the Graduate School of Religion and the Scholarship Committee of the Graduate School.

**DENZIL KECKLEY MEMORIAL SCHOLARSHIP FUND:** Established by Mabel Dykes Keckley of Atlanta, Ga., in memory of her husband.

**WILLIAM, LIZADA, ETHEL, AND PEARL LATHAM MEMORIAL SCHOLARSHIP FUND:** Established by Ethel and Pearl Latham to honor their parents and to provide assistance to full-time students 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, Okla.. Income is used for ministerial students selected by the University.

**CLEON AND MAXIE LYLES ENDOWED MEMORIAL SCHOLARSHIP FUND:** Established by friends of the couple to honor them for their years of Christian service. The fund provides a Trustee Scholarship for a student in Bible.

**McCORKLE ENDOWMENT FUND:** Established by J. Warren and Madalon Herren McCorkle of Dallas, Texas. Income is used to train preachers and foreign missionaries. Apply to the office of the President.

**JIM BILL McINTEER SCHOLARSHIP FUND:** Established by friends of Jim Bill McInteer to provide scholarships to deserving students with preference to students from the Nashville, Tenn., area.

**JOHN AND SCOTT McLEMORE SCHOLARSHIP FUND:** Established originally by John and Barbara McLemore in memory of their son Scott, and later amended in memory of John, to provide financial assistance to a worthy student from the Ouachita Mountain region of Arkansas. Garland and surrounding counties receive first preference. Recipient should be a member of the church of Christ and preferably a junior or senior.

**C.C. McQUIDDY MEMORIAL SCHOLARSHIP FUND:** Established by the family of the late C.C. McQuiddy to assist a worthy student.

**ERLE T. AND MONA MOORE VOICE SCHOLARSHIP FUND:** Established by the long-time chairman of the Department of Music and his wife, who taught with him, to provide scholarships and underwrite activities for outstanding singers in the Department of Music. Apply to the chairman of the department.

**MAXIE O'DANIEL MASSIE SCHOLARSHIP FUND:** Established by Hulette J. Massie at Harding Graduate School of Religion for students from Mississippi or who plan to work in Mississippi.

**MAYS MISSION FOR THE HANDICAPPED:** A religious, charitable, non-denominational, non-profit organization dedicated to assisting the physically and spiritually disabled. Students must document a substantial physical disability, financial need, a cumulative score of 18 on the ACT or an equivalent test; be enrolled full-time in a four-year program; and maintain a GPA of 2.3. Consideration will be given to part-time students providing documentation from a physician stating that full-time status would or could be detrimental to their health. Apply directly to Scholarship Program, Mays Mission for the Handicapped, Inc., 604 Colonial Drive -Heritage Heights, Heber Springs, AR 72543.

**F.D. AND MATTIE McNUTT ENDOWED FUND:** Established by the family to honor their memory. Income is used to purchase equipment for the Department of Physical Science.

**MISSIONARY CHILDREN'S SCHOLARSHIP:** Established by Mr. and Mrs. J.C. Shewmaker for students with financial need with preference to students whose parents have served 15 years or more in the mission field.

**CATHY McRAE MEADOWS ENDOWED SCHOLARSHIP FUND:** Established by her husband, Michael Ross Meadows, on the occasion of their 20th wedding anniversary to assist young men and women.

**NONA MEADOWS SCHOLARSHIP:** Established in honor of Nona Meadows by her three sons, Mike, Rusty, and Scott, for a full-time student with financial need, with preference to be given to students from El Dorado.

**THE MOSBY-THOMASON SCHOLARSHIP:** Established by Eddie and Pam Mosby to honor their parents, Mr. and Mrs. Edward Mosby and Mr. and Mrs. Kenneth Thomason. The Mosby scholarship is for students in the College of Bible and Religion who are preparing for service to the church through preaching or mission ministries, with special attention given to international students, particularly from Africa, who plan to return to work in their homeland. The Thomason scholarship is for students at the Harding Graduate School of Religion who are preparing for service to the church through preaching or mission ministries.

**RAYMOND L. MUNCY ENDOWED SCHOLARSHIP FUND:** Established by his family in honor of his service to Harding, including 29 years as chairman of the Department of History, to assist students majoring in history. Apply to the chairman.

**JAMES L. AND ANNA M. NEAL ENDOWED SCHOLARSHIP FUND:** Established by their daughter Janis Neal Roberson to honor them for their dedication to Christian education and assist students training to preach the Gospel.

**WILLIAM P. AND FRANCES B. NEAL ACCOUNTING SCHOLARSHIP FUND:** Established by Mr. and Mrs. Neal of Cleveland, Miss., for qualified junior or senior accounting majors.

**WILLIAM H. AND AURITUS H. OLIVER PROFESSIONAL SALES SCHOLARSHIP:** Established by their children to assist students majoring in professional sales. Apply to the director of the Professional Sales Program.

**ORPHAN SCHOLARSHIP:** Students who are officially residents of a children's home receive a ½ tuition scholarship upon approval by the president.

**NEAL PEEBLES SCHOLARSHIP FUND:** Established by the will of Neal Peebles of Searcy. Income is used for deserving students selected by the University.

**MILTON H. AND SAM W. PEEBLES MEMORIAL SCHOLARSHIP FUND:** Established by friends of Lt. Sam W. Peebles, Jr., a graduate of 1938, who was killed in service in 1944. Subsequently amended to honor Milton H. Peebles, an alumnus and long-time board member who died in 1981.

**E.L. "BUCK" PERRY AND MARJORIE S. "BUD" PERRY HARDING UNIVERSITY SCHOLARSHIP FUND:** Established by Mr. Perry in honor of his wife, Marjorie S. "Bud" Perry, to provide funds for needy students.

**SILAS AND JEWELL PHILLIPS ENDOWED SCHOLARSHIP FUND FOR PREACHING:** Established by Jewell Phillips of Pea Ridge, Ark., for students enrolled in the School of Biblical Studies who plan to preach.

**DUANE E. PRIEST MEMORIAL FUND:** Established by friends in memory of Duane E. Priest for pre-medical students.

**PROFESSIONAL MEDICAL SERVICES (PRO-MED) SCHOLARSHIP:** Established by the company to assist students from White and Cleburne Counties in Arkansas.

**JAMES WILKES PUGH SCHOLARSHIP FUND:** Established by the will of James Wilkes Pugh of Amarillo, Texas, for students majoring in the natural sciences and



maintaining a "B" average. Priority to students who reside in the Ozark Mountains, northern Arkansas and northeastern Oklahoma.

**NITA MCGLOTHLIN RAMPEY ENDOWED SCHOLARSHIP FUND:** Established in her memory by her husband to assist outstanding young men and women.

**A. K. RAMSEY MEMORIAL SCHOLARSHIP FUND:** Established in memory and honor of A. K. Ramsey for his 35 years of service as a preacher for the churches of Christ in Louisiana to provide scholarships for Bible majors. Preference is given to students from Louisiana.

**READERS DIGEST FOUNDATION SCHOLARSHIP FUND:** An endowment fund whose income provides scholarship aid to deserving students.

**KIM RICHARDS SCHOLARSHIP FUND:** Established by Mr. and Mrs. M.T. Richards in memory of their daughter for worthy students from southern Illinois or southern Florida.

**WILLA MAE RICHTER MEMORIAL SCHOLARSHIP FUND:** Established by Mr. and Mrs. 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 deserving senior who has financial need.

**LAWRENCE AND VERNICE RODERICK ORPHAN ENDOWED SCHOLARSHIP FUND:** Established to assist deserving students with special consideration given to orphans. Awards are based on need, scholastic ability, diligence, and industriousness.

**HERBERT AND BETTYE ROBERTSON SCHOLARSHIP FUND:** For a financially deserving White County resident who is achieving a satisfactory academic record.

**ROLLER FUNERAL HOMES ENDOWED SCHOLARSHIP FUND:** Established by the Roller family of Little Rock, primarily for students from the Searcy area, but all Arkansas students are eligible for this scholarship. Apply to the office of Student Financial Services.

**KENNETH ROSE SCHOLARSHIP FUND:** Established by the family and friends of Kenneth Rose to honor his memory for students exemplifying his qualities. Students must be entering their senior year, having completed at least three semesters at Harding. Harding faculty recommend students for this scholarship.

**L.O. SANDERSON MUSIC SCHOLARSHIP:** Established to honor L.O. Sanderson and to assist upper-class music majors who have a 3.0 GPA, have financial need, and are actively involved in vocal church music.

**ROY SAWYER, SR., SCHOLARSHIP FUND:** Established for deserving students with priority to students from Mississippi.

**JEANETTE POMIER SCHUMACHER AND SUZANNE POMIER STARK MEMORIAL SCHOLARSHIP FUND:** Established to provide scholarships to nursing majors with the greatest need. Apply to the dean of the School of Nursing before May 1.

**ROBERT ELMER AND IONA LENORE SHACKELFORD BIBLE SCHOLARSHIP FUND:** Established by their son, Dr. Don Shackelford, to honor their memory and assist students majoring in Bible, biblical languages, or missions. Apply to the dean of the College of Bible and Religion.

**DEWEY SHIRLEY SCHOLARSHIP FUND:** Established by the family of Mr. Shirley to provide scholarship aid to junior or senior students majoring in Bible.

**MR. AND MRS. FORREST SHMIDL SCHOLARSHIP FUND:** Established for full-time students majoring in Bible, biblical languages or religious education. Apply to the dean of the College of Bible and Religion.

**DR. CATHLEEN SHULTZ SCHOLARSHIP FUND:** Established by her husband, Dr. Sam L. Shultz, for students majoring in nursing. Apply to the dean of the School of Nursing.

**RUSSELL L. AND MYRTLE SIMMONS MEMORIAL SCHOLARSHIP FUND:** Established by Mrs. Russell L. Simmons, friends, and associates to provide scholarship grants to junior or senior journalism majors. Apply to the chairman of the Department of Communication.

**STEPHEN W. SMOOT MEMORIAL SCHOLARSHIP FUND:** 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.

**G. ERWIN AND MAUDE ANSEL STAUFFER SCHOLARSHIP FUND:** Established by Maude Ansel Stauffer of Athens, Ohio, for 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 PUMPHREYS STEPHENS SCHOLARSHIP FUND:** Provides scholarships of \$750 each to four Stephens scholars annually.

**ALVIN O. STEVENS MEMORIAL SCHOLARSHIP FUND:** Established for full-time juniors or seniors majoring in Bible-related fields, with preference given to those intending to be full-time foreign missionaries or chaplains. Apply to the dean of the College of Bible and Religion.

**RALPH STIRMAN SCHOLARSHIP:** Established by friends and relatives of Ralph Stirman, a member of the Class of '42.

**EVERT STROUD AND LOUISE STROUD TUCKER NURSING SCHOLARSHIP FUND:** Established by Louise Stroud Tucker to provide scholarships for students in the School of Nursing who show financial need.

**H.J. AND MARY FLORA SUDBURY MEMORIAL WORLD EVANGELISM SCHOLARSHIP:** Established by H.J. Sudbury and his sons in memory of his wife for deserving students involved in world evangelism.

**JENNILLE CHALENBURG SUTTON MEMORIAL SCHOLARSHIP FUND:** Established to assist students who plan to pursue careers in biomedical, nursing, and allied health fields. Apply to the Premedical and Allied Health Advisory Committee.

**JOSEPH H. AND JENNILLE CHALENBURG SUTTON MEMORIAL SCHOLARSHIP FUND:** Established by his wife, Jennille Chalenburg Sutton, for students majoring in Bible and religion, biblical languages, missions, religious education, youth ministry, and vocational ministry.

**BURL AND DORA TATE ENDOWED SCHOLARSHIP FUND:** Established by Burl and Dora Tate to provide scholarships to full-time students with financial need, with preference given to students from Arkansas. Awards are based on financial need, scholastic ability, diligence, industriousness, and potential for service to the church. Apply to the Burl and Dora Tate Endowed Scholarship Fund Committee.

**WILMA M. ULREY COMMUNICATION SCHOLARSHIP:** Established from the estate of the late Wilma M. Ulrey by her brothers and sisters in her memory. Awarded to juniors majoring in the Department of Communication. Apply to the chairman of the Department of Communication.

**LUCY A. WALLING SCHOLARSHIP:** Established by Mrs. Walling's will for students majoring in the Department of Communication. Students with demonstrated financial need are given preference. Apply to the chairman of the Department of Communication.



**SAM M. WALTON MEMORIAL ENDOWED SCHOLARSHIP:** Established by the Paul Carter family in memory of Mr. Walton. Recipients are chosen by the Office of Student Financial Services based on scholarship, capability, and reputation, with special consideration given to students from other countries.

**THE WALTON SCHOLARSHIP PROGRAM:** Established by Sam and Helen Walton of Bentonville to provide full scholarships to students from Central America.

**A. MICHELE WARREN SCHOLARSHIP IN NURSING:** Awarded to nursing students based on financial need, grade point average, character, service to others, and future aspirations.

**GRACE WELLS SCHOLARSHIP FUND:** Created by Grace G. Wells, of Berkeley, Calif., a student at Galloway College, for deserving women.

**VELMA RUTH WEST SCHOLARSHIP FUND:** Established by Dr. W.B. West, Jr., and friends, to honor the memory of Mrs. West for students showing unusual proficiency in Greek. Apply to the dean of the Graduate School of Religion.

**LANNY G. WILDMAN MEMORIAL FUND:** Established by the Shennan R. Wildman family of Moro, Ill., in memory of their son, Lanny, to assist a Bible major.

**BILL WILLIAMS ENDOWED SCHOLARSHIP FUND:** Established in honor of the professor emeritus and former chairman of chemistry in order to provide financial assistance to outstanding incoming chemistry or biochemistry majors. Apply through the Department of Physical Science.

**WITT FAMILY SCHOLARSHIP FUND:** Established by Willis and Lois Witt of Houston, Texas, for deserving students.

**DOROTHY S. WRIGHT SCHOLARSHIP FUND:** Created by Drs. Brian Alexander and Daniel Sears to honor Dr. Wright and to provide financial assistance for French or modern foreign language majors.

**WYNNE SCHOLARSHIP FUND:** Provides up to one-half tuition and fees, room and board to needy students who live within a 25-mile radius of Wynne, Ark.

**TIMOTHY E. YATES MEMORIAL SCHOLARSHIP FUND:** For juniors and seniors majoring in math, computer science, biological science, or physical science with a GPA of 3.4 in their major and a cumulative GPA of 3.2. Apply to the dean of the College of Arts and Sciences.

## LOAN FUNDS

Loan Funds are established for the specific purpose of providing financial aid to qualified students. Recipients are determined by the loan fund agreement through administrative personnel. In most cases these are short-term loans which are to be repaid during the semester they are awarded.

**SAMUEL ARRINGTON LOAN FUND:** Established by Gervis J. Arrington of Stephens in memory of his grandfather.

**NEW LEAD BELT LOAN FUND:** Established by Christians at Viburnum, Mo. Provides loans up to \$300.

**DR. GEORGE S. BENSON STUDENT LOAN FUND:** Established by the faculty in honor of Dr. Benson's election as Arkansan of 1953. Provides short-term loans to undergraduate students.

**CHARLES BRADLEY MEMORIAL LOAN FUND:** Established in memory of C.L. Bradley of Searcy.

**PHYLLIS COOKE MEMORIAL LOAN FUND:** Established by James R. Cooke in memory of his wife for needy family and consumer science majors, preferably majors in dietetics.

**CHUCK DEAN MEMORIAL LOAN FUND:** Established by the family of Mr. Dean for worthy students.

**DURRINGTON LOAN FUND:** Established by Victor Durrington for individuals who plan to work as church education directors.

**MR. AND MRS. JIM G. FERGUSON STUDENT LOAN FUND:** For needy students who have done satisfactory work for at least one semester. The maximum loan is \$150 per semester and \$400 per student.

**JAMES FERNANDEZ LOAN FUND:** Established by Mr. Fernandez. Applicants must be enrolled in the Graduate School of Religion, the School of Biblical Studies, or the undergraduate program majoring in Bible, biblical languages, or missions.

**MRS. MILDRED J. FERRELL LOAN FUND:** Established by family and friends to provide assistance to worthy students.

**W.C. FRANCE STUDENT LOAN FUND:** Established by Mrs. W.C. France to help needy students attend Harding. This loan must be repaid beginning at the time the baccalaureate degree is completed or the student ceases to be a student. A small amount of interest is charged.

**C.L. GANUS LOAN FUND:** Established by C.L. Ganus, Sr., of New Orleans, La., for deserving students who could not otherwise attend college.

**CHARLES KENNETH AND MARIE SCHELL HAMMON LOAN FUND:** Established by Mrs. Charles Kenneth Hammon for juniors and seniors to borrow funds for school expenses and to repay the loan after graduation.

**HARDING UNIVERSITY LOAN FUND NUMBER 10:** Established anonymously by a friend to help worthy students.

**LAWRENCE G. HAYS LOAN FUND:** Established to assist young men majoring in Bible or missions.

**ARTHUR E. HILLMAN BUSINESS STUDENT LOAN FUND:** Established by Arthur E. Hillman of Honolulu, Hawaii, for business students recommended by the dean of the School of Business.

**MARY B. JACK PREACHER'S LOAN FUND:** Established for young men preparing to preach the gospel.

**MR. AND MRS. LEMAN JOHNSON STUDENT LOAN FUND:** Established by Mr. and Mrs. Lemman Johnson of Wenatchee, Wash., for Bible majors.

**ABNER K. AND RUTH J. JUNKIN STUDENT LOAN FUND:** Established to assist deserving students in payment of tuition and fees, books, room, and board. Short-term and long-term loans are available.

**H.R. KENDALL LOAN FUND:** Provided by H.R. Kendall, of Chicago, Ill., for students majoring in Bible and religion.

**HOWARD NOLAN LEMMONS MEMORIAL LOAN FUND:** Established in memory of Howard Lemmons.

**MRS. CECILE B. LEWIS MEMORIAL LOAN FUND:** A revolving loan fund providing short-term loans to deserving students.

**W.P. AND BULAH LUSE OPPORTUNITY TRUST FUND:** Established by Mr. and Mrs. W.P. Luse of Dallas, Texas, for preengineering students.



**MONTGOMERY-SUMMIT MEMORIAL FUND:** Established by colleagues of the Education Department and other friends of Dr. Clyde R. Montgomery and Dr. W.K. Summitt.

**T.C. AND KATE McCOLLUM MORRIS MEMORIAL LOAN FUND:** Established by friends and relatives to assist worthy students.

**NEW ORLEANS ALUMNI ASSOCIATION LOAN FUND:** Established to assist needy students from Louisiana.

**DELLA NICHOLAS LOAN FUND:** Established by the will of Della Nicholas of Huntington, W. Va., for undergraduate ministerial students.

**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:** Established by their children to assist needy juniors and seniors with majors other than Bible or missions, with preference given to married students.

**SIDNEY RUBY MEMORIAL LOAN FUND:** Established by his wife and children.

**MR. AND MRS. JESSE P. SEWELL LOAN FUND:** Available to worthy ministerial students who have attended Harding at least one semester.

**CARL AND CECIL SHORES MEMORIAL STUDENT LOAN FUND:** Established by the family of Carl and Cecil Shores of Cave Springs, Ark.

**WILLIAM WAYNE SMITH AND MARJORIE DWAYNE SMITH HARDEN MEMORIAL LOAN FUND FOR NURSING:** Provides loans for deserving students in nursing with priority given to those planning careers in research.

**WITT STEPHENS MEMORIAL STUDENT LOAN FUND:** For Arkansas students who have need.

**STERLING STORES, INC., STUDENT LOAN FUND:** Available to deserving students who have attended Harding at least one semester.

**VAN STEWART MEMORIAL LOAN FUND:** Established by students from Harding who worked with Van during the summer of 1973.

**STUDENT AID LOAN FUND:** Provides help to worthy students.

**STUDENT MISSIONARY LOAN/GRANT FUND FOR SINGLE WOMEN:** Established by Mr. and Mrs. James S. McDonald of Doctor's Inlet, Fla, to assist single women students at Harding planning to do mission work upon graduation. Loans are made to seniors and are forgiven if two years are spent in mission work. Apply to the dean of the College of Bible and Religion.

**W.K. SUMMITT MEMORIAL FUND:** Established by friends of Dr. W.K. Summitt, who had given 30 years of service to Harding at the time of his death in 1965.

**ILA TULLOSS MEMORIAL LOAN FUND:** Established by friends of Mrs. Tulloss, who enjoyed working with college students.

**MR. AND MRS. LEE C. UNDERWOOD LOAN FUND:** Established by Dr. and Mrs. John Gill Underwood to assist deserving students with preference given to students from northwest Louisiana.

**CURTIS WALKER MEMORIAL LOAN FUND:** Established in memory of Curtis Walker, plant manager of the Searcy Sperry-Remington Industrial Corporation at the time of his death, by employees.

**ANITA WELLS LOAN FUND:** Established by Anita Wells of California to provide assistance to deserving students.

## ENDOWMENT FUNDS

Endowment Funds are those for which donors have stipulated that the principal of the fund is to remain inviolate in perpetuity and is to be invested for the purpose of producing income. The income may be expended only for the purpose specified by the donor.

**AMERICAN FOUNDERS ENDOWMENT:** Established by the founders of the American Founders Insurance Company. Income is used for the general operation of the University.

**J.N. AND WOODSON HARDING ARMSTRONG MEMORIAL ENDOWMENT FUND:** Established by Gertrude Paine Deese, niece of the Armstrongs, in their memory and honor. Income is used for the general operation of the University.

**JONATHAN EDWARD BEDWELL MEMORIAL ENDOWMENT FUND:** Established by family and friends of Jonathan Edward Bedwell, a student at Harding at the time of his death. Income is used for the general operation of the University.

**CLARK DAVID BELDEN ENDOWMENT FUND:** Established by Lomanco, Inc. of Jacksonville, Ark, in memory of its founder, Clark David Belden. Income endows the Center for Private Enterprise Education.

**RANDALL B. AND MARY BALES BRANNON ENDOWMENT FUND:** Established by the family in memory of Randall B. Brannon and in honor of Mary Bales Brannon. Income is used for the general operation of the University.

**KENNETH DAVIS, JR. ENDOWMENT FUND:** Established by friends of the long-time director of the A Cappella Chorus and chairman of the Department of Music. Income is used for special needs of the Department of Music.

**FACULTY SALARY ENDOWMENT FUND:** Established by gifts from the Reader's Digest. Income is applied to faculty salaries.

**FORD FOUNDATION ENDOWMENT:** Established by the Ford Foundation in 1956. Income is used for the general operation of the University.

**JULIA BELUE GAMMILL MEMORIAL ENDOWMENT FUND:** Established by family and friends in memory of Julia Belue Gammill. Income is used for the general operation of the University.

**HARRY R. KENDALL FUND:** Established by Harry R. Kendall in 1958 through a gift of stock. Income is divided between the American Studies Institute and faculty salaries.

**PEARL G. AND ANNA LEWIS MEMORIAL ENDOWMENT FUND:** Established in memory of W.C. and Anna Lewis. Income is used for the Harding Graduate School of Religion Library.

**STEPHENS CENTER FOR COMMUNITY DEVELOPMENT ENDOWMENT FUND:** Established by Jack Stephens in conjunction with the American Studies Institute to fund a college scholarship program for students from the 17 delta counties of Arkansas.

**LAMBERT WALLACE ENDOWMENT FUND:** Established in memory of Lambert Wallace. Income is used for the general operation of the University.

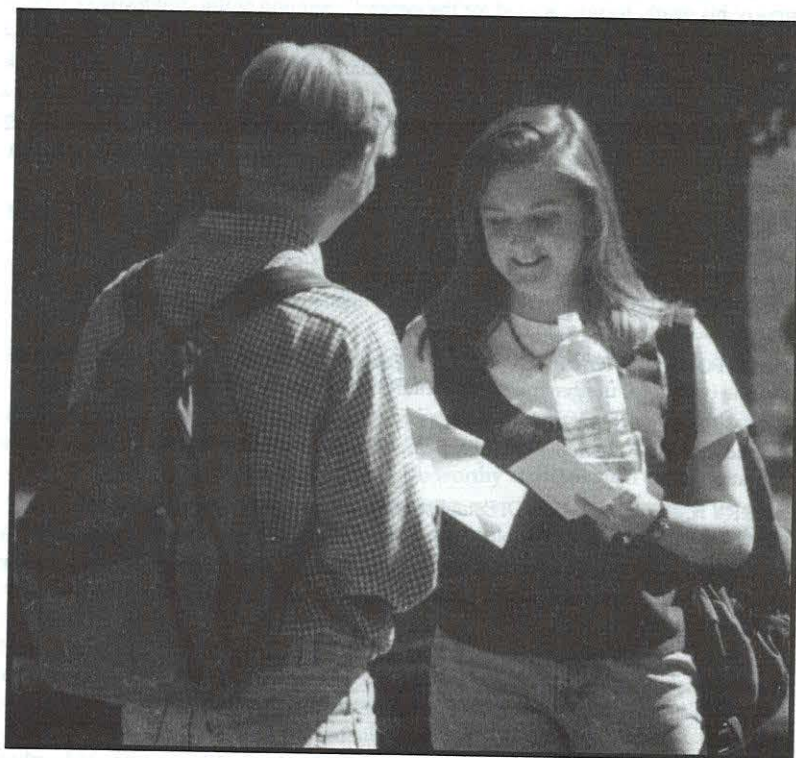
**NINA GRAYSON WARNOCK ENDOWMENT FUND:** Established by her daughter and three granddaughters in memory of Nina Grayson Warnock, a former member of the Harding University Board of Trustees. Income is used for the general operation of the University.

**W.B. WEST JR., LECTURE ENDOWMENT FUND:** Established in honor of W.B. West Jr. Income is used to endow the annual Harding Graduate School of Religion Lecture-ship program.



## ENDOWED CHAIR

**ROBERT ROY AND CALLIE MAE COONS CHAIR OF BIOMEDICAL SCIENCE:** Established by Irma Coons Terpenning in honor of her parents, former professors and department heads at Harding. The chair provides the salary and expenses for one faculty member in the allied health sciences area, making funds available for personal library acquisitions, research, professional development and teaching aids.



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