



University of the Ozarks

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Academic Year

2005-06

This catalog is published for the purpose of providing information about the University of the Ozarks and its programs. Announcements contained herein are subject to change without notice and may not be regarded in the nature of binding obligations to the university. The University of the Ozarks reserves the right to change prices, policies, and practices as described in this catalog as circumstances, efficiency of operation, and fiscal contingencies may require.

Accreditation

The University of the Ozarks is fully accredited by the **North Central Association of Colleges and Schools**, 30 N. LaSalle Street, Suite 2400 Chicago, IL 60602-2504; (800) 621-7440.

Its teacher-education curriculum is fully accredited by the **National Council for the Accreditation of Teacher Education**, 2010 Massachusetts Ave., NW, Suite 500 Washington, DC 20036-1023; (202) 466-7496; and by the **Arkansas Department of Education**, 4 Capitol Mall, Little Rock, AR, 72201; (501) 682-4475.

Its Division of Business, Communications, and Government has the following degree programs accredited by the **International Assembly for Collegiate Business Education**, P.O. Box 25217, Overland Park, Kansas 66225; (913) 631-3009: Bachelor of Arts in Business Administration, and Bachelor of Science degrees in Accounting, Business Administration, Business Technology Education, Economics, Management, and Marketing.

Family Rights and Privacy Act

The University of the Ozarks follows all procedures as required by the Family Rights and Privacy Act.

Equal Opportunity

University of the Ozarks, in all manner and respects, is an equal opportunity employer and offers a program of equal educational opportunity. University of the Ozarks, in compliance with the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, and other federal laws and regulations, does not discriminate on the basis of race, color, national origin, sex, creed, age, religion, disability, or status as a veteran in any of its policies or procedures. This includes – but is not limited to – admissions, employment, financial aid, and educational services.

Church Relationship

University of the Ozarks is related to the Presbyterian Church (U.S.A.) in a voluntary covenant with the Synod of the Sun. In keeping with that covenant, the University of the Ozarks proclaims God's love and seeks to foster both love of God and love of neighbor, including respect for the dignity of each person.

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2005-2006 Academic Calendar

Fall Term

August 2005						
S	M	T	W	Th	F	Sa
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September 2005						
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October 2005						
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November 2005						
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December 2005						
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Mentor Workshop	Aug. 18	Family Weekend	Oct. 14-15
Faculty Workshop	Aug. 15-17	Mid-Term Grades Due to Registrar	Oct. 21
Matriculation	Aug. 19	Grade Cards due to Students	Oct. 28
Orientation	Aug. 19-22	Fall Break	Oct. 27-28
Registration	Aug. 22	Open House	Nov. 19
Classes Begin	Aug. 23	Priority Pre-Registration [pending approval]	Nov. 3
Last Day to Register	Aug. 29	Advising and Pre-registration Week Begins	Nov. 7
Labor Day Holiday	Sept. 5	Last Day to Drop a Class	Nov. 8
Assessment Day	Sept. 13	Thanksgiving Holiday	Nov. 23-25
Four-Week Alerts due to Academic Office	Sept. 14	Last Day of Classes	Dec. 9
Board of Trustees Weekend	Oct. 7 & 8	Final Exams	Dec. 12-15
Mid-Term; Grade Sheets from Reg. to Faculty	Oct. 14	Grades Due	Dec. 20

Spring and Summer Terms

January 2006						
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February 2006						
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March 2006						
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April 2006						
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May 2006						
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June 2006						
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Spring Term Schedule

Martin Luther King Holiday	Jan. 16
Registration	Jan 17-18
Classes Begin	Jan. 17
Assessment Day	Feb. 7
Four-Week Alerts Due to Academic Office	Feb. 8
Homecoming Week	Feb. 6-11
Mid-Term; Grade Sheets from Reg. To Faculty	March 10
Mid-Term Grades Due to Registrar	March 17
Spring Break	March 20-24
Grade Cards due to Students	March 27
Portfolio Advisor Review Week Begins	April 3-7
Last Day to Drop	April 4
Priority Pre-Registration [pending approval]	April 6
Alumni Weekend	April 7-9
Advising and Pre-registration Begins	April 10
Good Friday Holiday	April 14

Earth Day Chapel	April 18
Open House	TBD
Board of Trustees Weekend	April 21-22
Awards Day	April 25
Student Leadership Awards	April 27
Last Day of Classes	May 5
Final Exams	May 8-11
Graduation	May 13
Grades Due	May 16

Summer Term Schedule

Classes Begin Summer I and II	May 15
Memorial Day Holiday	May 29
Summer School I Ends	June 2
Summer III Begins	June 5
Summer School II and III Ends	June 23

The University History

The University of the Ozarks has undergone several changes of name and ownership in its 171-year history. It was founded by Cumberland Presbyterians as Cane Hill School at Cane Hill, Arkansas, in 1834. Cane Hill School closed in early 1891, and its successor, Arkansas Cumberland College, was established in Clarksville, Arkansas, in September 1891. The university experienced another name change in 1920 when it became The College of the Ozarks. To acknowledge its anticipated expansion to a master's degree granting institution, The College of the Ozarks became University of the Ozarks in 1987.

The university has always had a relationship with the Presbyterian Church. At one time, the university was owned by the Oklahoma-Arkansas Synod of the United Presbyterian Church (U.S.A.). In 1960, the Board of National Missions of the United Presbyterian Church (U.S.A.) assumed ownership and operating responsibility for the college. When the Board of National Missions ended its relationship with its mission colleges in 1973, an elected board of trustees assumed administrative responsibility and ownership. The university currently operates under this board.

Throughout its history, the University of the Ozarks has consistently provided creative, student-oriented innovation in private education. It has also preserved its history of dedication to Christian values and service and of personal concern by the faculty and staff for the full development of each student. Within the state of Arkansas, the university was the first college to graduate a woman (1872) and was the first historically white college to admit an African-American (1957). Though these are common practices in higher education today, it took courage for a small, southern college to take these first steps toward equal educational opportunities. Continuing this tradition, the university established the first program in America to educate college students with learning disabilities. Begun in 1971 with a handful of students and a few dedicated faculty members, the program has grown to eighty students in the impressively equipped and staffed Jones Learning Center.

Campus

The university is located in Clarksville, Arkansas, a town of approximately 7,700 people and county seat of Johnson County. Clarksville is in the Arkansas River Valley, 60 miles east of Fort Smith and 100 miles west of Little Rock on Interstate 40. The tree-shaded and beautifully landscaped campus, consisting of thirty acres, is laid out along a central mall. Located on College Hill on the north edge of town, it affords an excellent view of the Ozark Mountains, which, along with its great oaks and maples, give a distinctive air to the campus.

BAGWELL-JONES HALL (2000), provides living space for 20 upper-level students. It features home-style kitchen, dining, and living room spaces. Second floor rooms feature vaulted ceilings and balconies. Ground level rooms open onto patios.

BOREHAM BUSINESS BUILDING (1996), a 23,872 square foot facility that houses the Division of Business, Communications, and Government, includes classrooms, study rooms, conference rooms, and computer labs.

CARY-WORTZ HALL (2000), provides living space for 20 upper-level students. It features home-style kitchen, dining, and living room spaces. Second floor rooms feature vaulted ceilings and balconies. Ground level rooms open onto patios.

HARVEY AND BERNICE JONES LEARNING CENTER (1989) houses the Ben D. Caudle Learning Program, a support service for students with specific learning disabilities.

HURIE FIELD (1929), renovated with community resources in 1978, provides soccer, softball, and baseball fields, student activity fields, two asphalt tennis courts, basketball court, and a stadium. In addition, four lighted tennis courts are located adjacent to the campus.

KING RESIDENCE HALL (1971), renovated in 1999, provides living quarters for 157 first-year students. It features both lounge and recreational facilities.

L. S. AND HAZEL C. ROBSON LIBRARY (1996), a 37,833 square foot facility, houses a collection of over 90,000 books, 13,000 bound periodicals, 480 current hardcopy periodical subscriptions, and online resources including over 30 research databases offering access to over 30,000 books in full text and over 18,000 periodical titles in full text. It also features 24-hour study rooms, conference rooms, a computer lab, and continuing education rooms and houses Student Support Services and the Career Services Center.

MABEE ADMINISTRATION BUILDING (1963), formerly Dobson Memorial Library, was renovated in 1997 to provide administrative space for the president, the vice president for academic affairs, the registrar, the offices of admissions, financial aid, university advancement, alumni relations, and computer services, and the business office.

MABEE HALL (2001), provides living space for 20 upper-level students. It features home-style kitchen, dining, and living room spaces. Second floor rooms feature vaulted ceilings and balconies. Ground level rooms open onto patios.

MABEE SPORTS COMPLEX (1958), renovated in 1972, 1987 and 2003. It includes classrooms, handball courts, a swimming pool, and a basketball court with a seating capacity of 2,200.

MACLEAN RESIDENCE HALL (1927), renovated in 2001 provides living quarters for 165 upper-level students, a large formal lounge, and a kitchen. Most rooms are arranged in suites for two students, the bedrooms opening off a central study room.

RAYMOND MUNGER MEMORIAL CHAPEL (1933) is the center of religious life on the campus. In it are held chapel services, religious exercises, concerts, baccalaureate, and other official ceremonies. It also houses The Great Hosanna, a thirty-nine rank Reuter pipe organ.

SEAY STUDENT CENTER (1966) was enlarged and renovated in 1996 to house the student life offices, health services, food service, post office, and the bookstore.

SMITH RESIDENCE HALL (1964), remodeled in 2000, provides living quarters for 80 upper-level students. It features lounge facilities, a kitchenette, and many rooms can be arranged as suites.

SMITH-BROYLES SCIENCE CENTER (1969), renovated in 1996, houses the Division of Sciences and Mathematics. It includes classrooms, laboratories, a computer lab, and a greenhouse.

VOORHEES HALL (1940), renovated in 1988 and 2004, has served over the years as the university relations office, the art building, and even the student center. It currently houses the International Studies Program and two classrooms.

WALTON FINE ARTS CENTER (1987) houses the Division of Humanities and Fine Arts. This 76,000 square foot facility includes Seay Theatre, Rowntree Recital Hall, a blackbox theatre, art studio, classrooms, and computer labs.

WALKER HALL (2002) houses Communications and the Wiley Lin Hurie Teacher Education Center. This new 36,000 square foot facility includes a television studio, distance learning room, smart classrooms, radio station, offices, computer labs, Dr. Robert H. Basham Micro Teaching Laboratory, and classrooms.

Mission

True to our Christian heritage, we prepare those who seek to live life fully, those who seek the richness of life provided by study of the liberal arts and the quality of life provided by professional preparation. We provide a uniquely supportive, academically sophisticated and challenging environment on a beautiful campus adjacent to the Ozark Mountains. Our first priority is the education of students who come to us from diverse religious, cultural, educational, and economic backgrounds.

GOALS

STUDENT INTELLECTUAL DEVELOPMENT: Stimulate the students intellectually through a full offering of studies in the liberal arts and professional preparation in selected areas.

STUDENT SOCIAL DEVELOPMENT: Promote student interaction on campus and in the community, capitalizing on the university's setting in the beautiful Ozarks.

STUDENT SPIRITUAL DEVELOPMENT: Encourage students both to learn and to practice Christian values, while respecting individual beliefs.

STUDENT SUPPORT: Support students and the growth of the university through following sound financial strategies.

The University of the Ozarks commits its administration, faculty, students, and programs to the fulfillment of its mission.

Assessment of Student Development

As the goals indicate, the development of each student is at the heart of our mission. We employ student-outcome-centered assessment of our academic and co-curricular programs to evaluate and improve our efforts to provide ongoing intellectual, social, and spiritual development of students.

Meaningful assessment at the University of the Ozarks involves identifying Intended Student Outcomes (ISOs); measuring student achievement of these ISOs; sharing the results of such measurements with constituents and decision makers; and using the result to improve pedagogy, content, curricula, advising, allocation of resources, and assessment practices. Effective assessment is a structured, systematic, and ongoing process that leads to better institutional programs and enhanced student development.

Formal assessment occurs at two levels: at the level of the institution as a whole and at the level of programs or majors. The four Intended Student Outcomes of an education at Ozarks are:

- 1) Students will communicate effectively
- 2) Students will think critically
- 3) Students will have knowledge of human culture
- 4) Students will be aware of their responsibilities to themselves, to humanity, to their planet and to their creator

The University provides the opportunity for students to achieve these ISOs by participating in the general education curriculum, a major curriculum, and co-curricular activities. We employ three instruments annually to collect information relevant to student achievement of these ISOs: student-maintained portfolios of coursework (see “Other Degree Requirements”); a national, standardized objective test and essay; and a national survey. While individual student results are confidential, summaries of these studies are shared with the members of the university community (including the student body and the Board of Trustees) who recommend and implement justified changes.

The ISOs for majors are published in the University Catalog with the description and requirements of the major. Each major maintains its own assessment plan, conducts its own assessment activities, and reports its findings to its student majors, Division Chair, and the Assessment Steering Committee. The Student Life Office publishes the co-curricular ISOs in the student handbook, *The Talon*. The Student Life Office conducts assessment of the co-curricular programs and reports its findings to the Student Government Association, the Dean of Residential and Campus Life, University Senate, and the Assessment Steering Committee.

Attributes of the ISOs

The University expects that students who have mastered each ISO will exhibit the following attributes associated with the ISO. While we hope that students gain more than we list below, we will study the results from surveys, standardized tests, and portfolios to assess our general effectiveness in helping students acquire these traits. While not all instruments measure all of our attributes, at least one instrument provides information relevant to each attribute, and two instruments address most attributes.

- 1) Students will communicate effectively
 - a) consider the purpose and the audience for a message
 - b) use effective strategies to organize their thoughts, develop a message, and document their sources
 - c) present a message skillfully
 - d) clearly and effectively express ideas and actively listen to the ideas of others in discussions

- 2) Students will think critically
 - a) read with comprehension
 - b) transfer and apply knowledge and skills to new situations
 - c) solve multi-step and non-routine problems involving a range of reasoning skills
 - d) evaluate and analyze arguments from more than one perspective
 - e) recognize and form interpretations, generalizations, or causal explanations appropriate to academic disciplines

- 3) Students will have knowledge of human culture
 - a) identify, describe, and use the salient methods, skills, or ways of knowing in the fine arts, humanities, social sciences, mathematics, and natural sciences
 - b) identify, describe, and compare the political, social, economic, and religious structures within a given culture
 - c) identify, describe, and compare the aesthetic values in the literature, art, and spirituality of a given culture
 - d) compare structures and values across cultures
 - e) use available technologies to gather and process information effectively

- 4) Students will be aware of their responsibilities to themselves, to humanity, to their planet and to their creator
 - a) examine personal lifestyle, ethics, integrity, values, and priorities
 - b) respect individuals with beliefs, backgrounds, or abilities different from their own
 - c) contribute to the welfare of their community and ecosystem
 - d) explore multiple perspectives on the spiritual significance of life, including perspectives found within the Judeo-Christian tradition

Admission

Ozarks seeks to admit students of diverse cultural, economic, and social backgrounds. Admission is not limited by sex, race, color, disability, creed, or national origin. Past academic performance, character, and potential for success in the university's academic programs are major factors in deciding whether a student will be admitted. This decision is made by the Admissions Committee, which consists of six faculty members, a representative of the Jones Learning Center, the director of student support services, and the director of admissions. The Admissions Committee normally makes an admissions decision within three weeks of the completion of an applicant's file. To hold their place in the incoming class, new students must make a deposit of \$50 thirty days after being admitted. This deposit, refundable until May 1, applies to the first semester's tuition and will be refunded after registration for students with a full financial-aid package. Applications for scholarships and other forms of financial aid will be considered only after a student has been officially admitted to the university.

Students with learning disabilities who seek admission to the Jones Learning Center must follow a supplemental application process, which is described in a later section of this catalog. All students admitted to the Jones Learning Center are considered admitted to the university. However, some students may be admitted to the university only if they are also admitted to the Jones Learning Center.

ENTERING STUDENTS Students applying to college for the first time must submit the following materials: 1.) a completed application form, 2.) an official high school transcript valid through the sixth semester, 3.) scores on the American College Test (ACT) or the Scholastic Aptitude Test (SAT), and 4.) a health record including, as required by law, evidence of immunization for two rubeola, one rubella, tetanus, and a tuberculosis skin test. Students who have not completed high school may apply for admission based on their General Education Development (GED) certificate. (A minimum GED score of 45 in each testing area is required for consideration.)

In evaluating applications, the Admissions Committee may schedule interviews with applicants or may ask them to submit writing samples or other supporting materials. Some of the factors routinely involved in such evaluations include quality of high school course work, grades in academic courses, standardized test scores, letters of recommendation, and evidence of leadership or participation in extracurricular activities. Students seeking to enroll at Ozarks should complete sixteen or more academic units while in high school, including at least four units of English, three units of social studies, four units of mathematics, physical science and two units of laboratory science, and two units of a foreign language.

TRANSFER STUDENTS Students who have previously attended another college or university but have attempted or earned fewer than thirty semester credit hours must follow the same admissions process as entering students and, in addition, must submit an official transcript of all college work attempted. In considering the applications of such students, the Admissions Committee will evaluate their performance both in high school and in college. Students who have earned thirty hours or more need only complete an application form and submit

official transcripts from all previous institutions. Such students must have a 2.00 grade point average in all previous college work. Courses in which students have earned grades of C- or higher may transfer but will not be counted in a student's cumulative grade point average at Ozarks. No student may transfer more than sixty-six hours from junior or community colleges.

Students seeking to transfer to Ozarks may be denied admission if they did not leave their previous institution in good standing. Failure to report attendance at another institution, regardless of whether credit was granted, may result in dismissal from Ozarks.

INTERNATIONAL STUDENTS Students from countries other than the United States are encouraged to attend Ozarks. To apply for admission, such students must submit 1.) a completed international student application form, 2.) an English translation of official transcripts of all secondary and postsecondary work, 3.) evidence of a minimum score of 500 (paper-based test), or 173 (computer-based test) on the TOEFL (Test of English as a Foreign Language) and/or a personal interview with the director of international studies and an English proficiency examination, 4.) evidence of full financial support for the duration of their studies in the United States, and 5.) \$2000.00 advance payment toward the first semester cost, with the balance, minus scholarships, due upon arrival. This payment is not refundable after a student attends class. In the event that a student does not attend the university, this payment will be returned, less the \$1000.00 application fee.

Incoming freshman or transfer students are required to make the \$1,000 non-refundable deposit and payment of \$2,500 prior to the issue of Form I-20. The balance of the semester fees will be due before July 1st.

Returning students are required to make payment of \$2,500 prior to March 1st for the fall semester and October 1st for the spring semester. If payment is not received by those deadlines, the student will not be allowed to pre-register. The balance of the semester fees will be due prior to the registration of each semester. Credit card payments may be made through AMS by calling (800) 635-0120.

STUDENTS ADMITTED CONDITIONALLY Students who do not meet minimum admissions standards may be admitted conditionally. Students so admitted will be assigned for advisement both to a faculty member and to the director of student support services. For such students, advisors may stipulate enrollment in developmental courses or in a limited number of hours, grade point averages which are higher than regular university requirements, and mandatory use of Student Support Services. At the end of their first semester, students admitted conditionally will be evaluated by the director of student support services, who will recommend any changes in their enrollment or admissions status.

SPECIAL STUDENTS Students who wish to take classes at Ozarks for personal enrichment but who are not pursuing degrees may apply for admission as special students. Such students may enroll in

no more than four hours per semester. Special students who later decide to pursue degrees must follow the regular admissions process. Forms for admission as special students are available in the admissions office.

CONCURRENT HIGH SCHOOL STUDENTS Students who are enrolled in a high school in Johnson County, or who are home-schooled in Johnson County, may enroll concurrently at Ozarks. To do so, they must submit a letter of recommendation from their high school principal, or parents; standardized test scores of 24 or higher on the ACT, or 1090 on the SAT; and a high school transcript indicating a grade point average of at least 3.50. Students may submit for individual evaluation evidence of other performance criteria if recommended by the high school principal.

Financial Affairs

Obtaining a first-rate college education requires a significant financial investment. Ozarks attempts to make such an education affordable to students from diverse economic backgrounds. Thus, tuition provides for only around half of the cost of an Ozarks education. The rest is funded through endowment income and through the generous gifts of alumni and friends of the university.

Expenses

Expenses listed below are for the 2005-06 academic year. The university reserves the right to revise these expenses at the beginning of any semester or summer term.

TUITION, ROOM, BOARD, AND GENERAL FEES

	Per Semester	Per Year
Tuition (12-17 hours)	\$ 6,870	\$ 13,740
Room: King, Smith, MacLean	1,165	2,330
Regular Board: 19 meal plan, 15 meal plan, or 10 meal plan	1,375	2,750
Room: Bagwell-Jones/Cary-Wortz/Mabee	1,325	2,650
Apartment Board: 7 meal plan	1,145	2,290
Residence Hall Activity Fee	5	10
Activity Fee	45	90
Computer and Technology Resource Fee	125	250
Media Fee	45	90
Post Office Box Fee	2	4

MISCELLANEOUS FEES

Admission Deposit ¹	\$ 50
Application Fee	\$ 10
Applied Music Fee ²	\$ 275
Bowling Fee	\$ 45
Communications Practicum Fee	\$ 25
Course Change Fee	\$ 5
Directed Teaching Fee	\$ 25
Golf Fee	\$ 20

¹ To hold their place in the incoming class, new students must make a deposit of \$50 thirty days after being admitted. This deposit, refundable until May 1 (upon written request), applies to the first semester's tuition and will be refunded after registration for student with a full financial-aid package.

² This fee is for one half-hour lesson each week in one area (voice, piano, or organ). Students desiring a one-hour lesson each week in a single area will be charged \$425. Those desiring lessons in more than one area will be charged \$275 for each half-hour lesson in each area and \$425 for each one-hour lesson.

Graduation Fee	\$	35
Gymnastics Fee	\$	160
Housing Deposit	\$	75
International Student Fee	\$	1000
Late Registration Fee ³	\$	5
Outdoor Education Fee	\$	10
Payment Arrangements Fee	\$	40
Reinstatement Fee	\$	50
Returned Check Fee	\$	25
Science Lab Fee (not including breakage)	\$	25
Scuba Fee	\$	250
Transcript Fee	\$	5
Tuition Fee (per credit hour and in excess of 17)	\$	575
Withdrawal Fee	\$	100

ADDITIONAL FEES FOR JONES LEARNING CENTER

Regular Fee	\$	7,400	\$	14,800
Application Fee	\$	75		
Payment Arrangements Fee	\$	100		
Two Day Testing Fee	\$	750		

Payment Policies

Payment for tuition, room, board, and fees is due at registration each semester. Students will not be officially registered until their accounts are paid or satisfactory arrangements for deferred payment are made. Students not officially registered at the end of the ninth week will be dismissed. If students have outstanding balances, all compensation due them, except for work performed under the Federal College Work Study Program, will be applied to their accounts. All students in university housing are required to participate in the campus meal plan. No university records (including grades, transcripts, and diplomas) will be released to students with outstanding balances.

Through arrangements made with Academic Management Services (1-800-635-0120), students may pay off their accounts in ten monthly installments beginning on July 1. Students who fall behind in the payment schedule they arrange will not be permitted to continue in classes, to remain in university housing, or to make use of the cafeteria.

³ Per day, up to \$25.

Financial-Aid Policies

APPLICATION PROCESS Students applying for financial aid should complete the admissions process as soon as possible. All such students should also complete the federally-approved Free Application for Federal Student Aid (FAFSA) and designate Ozarks as one of its recipients. (These forms are available from the financial aid office or from high school guidance counselors.) For aid to be renewed, FAFSA forms must be filed each year by February 1.

TYPES OF FINANCIAL AID Students eligible for financial aid will receive a package which may include scholarships, grants, loans, and work study. Since institutional funds are limited in supply and must meet as many needs as possible, students should not expect to receive cash payments from institutional sources. If the verification process alters the amount of financial aid for which a student is eligible, that student must repay any aid released in excess of the eligible amount. All types of financial aid are subject to change during the period this catalog is in effect. The following are forms of financial assistance currently available to Ozarks students:

FEDERAL AND STATE AID

FEDERAL PELL GRANTS AND FEDERAL SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS are provided by the federal government to students who demonstrate exceptional financial need.

FEDERAL PERKINS LOANS, which are based on need and availability of funds, allow students to borrow up to \$4,000 per year at the rate of 5 percent per annum. Repayment begins nine months after a student leaves college, or is enrolled less than half-time, and must be completed within ten years.

FEDERAL FAMILY EDUCATION LOANS are offered to eligible students through banks or other lending agencies. Repayment begins six months after a student leaves college or is enrolled less than half-time.

FEDERAL WORK STUDY allows students to gain valuable work experience while attending classes full time. Although work loads vary according to need and availability of funds, most students are assigned between ten and twelve hours per week. (Because students are expected to use these funds for educational expenses, cash payments can be made only after all university accounts are paid.)

VETERANS ADMINISTRATION BENEFITS are available to veterans, their widowed spouses, and the children of those who have lost their lives in service or who are totally disabled as a result thereof. Those eligible should contact the nearest Veterans Administration Regional Office well in advance of enrollment for assistance in securing benefits. Information regarding such benefits is available in the registrar's office.

ARKANSAS ACADEMIC CHALLENGE SCHOLARSHIPS are available to Arkansas residents who attend any Arkansas public or private university. Eligibility is based on high school gpa, ACT or SAT score, and financial need.

DISTINGUISHED GOVERNOR SCHOLAR AND GOVERNOR SCHOLARSHIPS are given to Arkansas students who score at least 27 on the ACT, or 1100 on the SAT, or hold a gpa of 3.6.

INSTITUTIONAL AID

ACADEMIC SCHOLARSHIPS range in value from \$2,000 to the total of all academic costs. These scholarships are available to new freshmen with a GPA of at least a 3.0 in a college preparatory curriculum and an ACT composite score of at least 21 or an SAT composite score of at least 990. The following cumulative gpas for work done at Ozarks are required for renewal of these various scholarships:

ACADEMIC DISTINCTION SCHOLARSHIPS: 3.00

THE HURIE SCHOLARSHIP: 3.00 at the end of the first year, 3.25 at the end of the second year, 3.50 at the end of the third year; in addition, 10 hours of community service work are required each semester

PRESIDENTIAL SCHOLARSHIPS: 3.00 at the end of the first and second years, 3.25 at the end of the third year; in addition, 10 hours of community service work are required each semester

DEAN'S SCHOLARSHIPS: 2.75 at the end of the first year, 3.00 gpa at the end of the second year, 3.25 at the end of the third year

COMMITMENT TO EXCELLENCE SCHOLARSHIPS: 2.75 at the end of the first year, 3.00 at the end of the second and third years

TRANSFER RECOGNITION SCHOLARSHIPS ranging from \$2,000 to \$5,000 are offered to transfer students. These scholarships are available to students transferring in at least 12 hours with an appropriate gpa. A cumulative gpa of 3.00 at Ozarks is required for renewal.

THE MULTI-CULTURAL SCHOLARSHIP PROGRAM is available to persons of color who have an ACT score of at least 18, or SAT score of at least 870, and a gpa of 2.5. Scholarship amounts range from \$1,000 to \$3,000. A cumulative gpa of 2.50 at Ozarks is required for renewal.

ACHIEVEMENT AWARDS range in value from \$1,000 to \$5,000 and are available to students who have demonstrated potential through participation in school, community, church, or civic activities. A cumulative gpa of 2.50 at Ozarks is required for renewal. These awards also require 10 hours of community service work each semester.

PRESBYTERIAN SCHOLARSHIPS are available to children of Presbyterian ministers and to Presbyterian students active in their church. Dependent children of Presbyterian ministers within the Synod of the Sun who have a 3.00 cumulative gpa may receive an amount equivalent to half-tuition. A cumulative gpa of 3.00 at Ozarks is required for renewal. Other Presbyterian students who are admitted to the

University can receive \$1,500 per year for up to four years. They must provide a letter of recommendation from their pastor, youth leader, or church elder. A cumulative gpa of 2.50 at Ozarks is required for renewal.

THE JOHNSON COUNTY SCHOLARSHIP is available to any entering student who graduates from a high school in Johnson County, Arkansas. The student must have a minimum ACT score of 18 (or SAT score of 850) and a cumulative, as well as, core high school gpa of no less than 2.50. A cumulative gpa of 2.50 at Ozarks is required for renewal.

VERA PFEFFER LOANS are available to those students with a financial need. Students must complete the FAFSA to determine eligibility.

ALL OTHER OZARKS GRANTS: 2.0 gpa (these also require a completed FAFSA each year.)

INSTITUTIONAL LOANS of up to \$200 per year may be made in emergency situations. These loans carry different rates of interest and must be repaid over relatively short periods of time.

SCHOLARSHIPS have been established by many alumni and friends of the university to provide need-based and merit-based grants. The following list represents scholarships currently available.

Lavinia Woods Adams Scholarship	Bella Vista Church Appreciation Scholarship for Ministry
Alpha Theta Conclave of Kappa Kappa Iota Scholarship	Sula Kate Benson Endowed Scholarship
Altes Fine Arts Scholarship	Bentonville First Presbyterian Church Scholarship
Alumni Association Scholarship	Black Alumni University of the Ozarks Scholarship
Alumni Board Memorial Scholarship Award	Loraine S. Black & Olive M. Black Memorial Scholarship
Andrews-Lambrecht Scholarship	Blakemore Family Scholarship Endowment
Dr. Charles E. Angell Memorial Scholarship	John E. and Joyzelle Bock Memorial Scholarship
Ardmore First Presbyterian Church Scholarship	R.S. Boreham Endowed Scholarship
Frank Bagsby Memorial Scholarship	William E. Borland Piano Scholarship
Scevoy D. Barnes-Carol Barnes Joyce Memorial Scholarship	Edna Ralston Bowman Scholarship
Harry L. Bartlett Memorial Endowment Scholarship	Bristow, Oklahoma Presbyterian Scholarship
Iladean Basham Memorial Scholarship	Cleon & Homer Brown Endowed Scholarship
John Harold "Harry" Basham Scholarship	Helen Frances Brown Scholarship
Lou Riddle Basham Scholarship	Milton W. Brown Scholarship
Professor Robert H. Basham Scholarship	Dr. Alvin C. Broyles Scholarship
Charles & Nadine Baum Presidential Scholarship	Travis Bryan Business Scholarship
Irving T. Beach Award in Chemistry	

Faye J. Bullock Endowed Scholarship for
Preministerial Students
Dr. Florence L. Burger Scholarship
John K. & Grace Bennett Burney Endowed
Scholarship
Dr. Thomas E. Burrow Scholarship
Mom & Pop Bush Endowed Memorial
Scholarship
Bush-Dobbins Christian Service Scholarship
Marian Riddell Cargile Memorial Music
Scholarship
W.F. Catlett Endowed Scholarship
Champlin Grandchildren Endowed Scholarship
Chapter "Q" P.E.O. Scholarship
Cimarron Presbyterial Scholarship
Class of 1935 Scholarship
Coal Hill VFW-Jim Pat Mills Scholarship
Frank P. Collins Scholarship
Conger-Talton Memorial Scholarship
Howard E. and Eileen A. Covington Endowed
Scholarship
Pearl H. Crickard General Scholarship
Pearl H. Crickard Learning Disabilities
Scholarship
Pearl H. Crickard Music Scholarship
Florence Pickering Cully Memorial Fund
Mr. and Mrs. Joe Curtis Memorial Scholarship
William & Adelia Daniel Scholarship
Martha Ann Davidson Honorary Scholarship
Don E. Davis Endowed Memorial Scholarship
Dillard's Department Stores Scholarship Award
William H. Drake Scholarship
Winslow & Dorothy Drummond Memorial
Scholarship
Fontaine Earle Endowed Scholarship
Kermit A. Eggensperger Scholarship
Fritz & Juanita Ehren Scholarship
Elisabeth M. Eisenmayer Memorial Scholarship

Gregg Parker & Georgia Parker Ellsworth
Scholarship
Mitchell S. Epperson Scholarship
Elizabeth H. and Stanley E. Evans Scholarship
Ethel Adkins Farmer Memorial Scholarship
Joseph H. & Virginia Field Scholarship
Fife Memorial Scholarship
Jeff & Agness Fincher Scholarship
Ford Foundation Scholarship
Reuben Hartsel Fraley Scholarship Endowment
Charles A. Frueauff Foundation Scholarship
Wesley Garrett Memorial Scholarship
Sarah Alston Garside Scholarship
Lura Waters Gillispie Scholarship Endowment
Lucille Riddle Goldsmith Memorial Scholarship
Arch Gould Scholarship
Sarah Carlin Graves Endowed Scholarship Fund
Otha H. Grimes Foundation Scholarship
Haddonfield, New Jersey First Presbyterian
Church Scholarship
Ida E. Harber Scholarship
Harmony Presbyterian Church Scholarship
Paul W. Hawkins Endowed Scholarship
William Randolph Hearst Foundation Scholarship
Lieutenant Commander Peter Davidson Herlin
Memorial Scholarship
Marilyn Hiatt Hudgens Endowment Fund in
Music
Earle and Marie Hughes Scholarship
Norman N. Huneycutt Endowed Family
Scholarship
George M. Hunt, Jr. Endowed Scholarship Fund
for Exceptional Students
Wiley Lin Hurie Memorial Scholarship
Frank Ingram Award
Johnson County Alumni Scholarship
Earle K. and Norma M. Johnson Communication
Program Endowment
Whitney & Hazel Johnson Memorial Scholarship

Johnson-Knoop Foundation Scholarship
 Harvey and Bernice Jones Scholarship
 Keith Kilcrease Memorial Marketing Scholarship
 Willie and Carolyn Kimbrell Scholarship
 Era King Award
 Kneeland Award for Theological Study
 Colonel Erwin T. Koch Award
 Eugene Kraus Scholarship
 Shelli Stewart Lamberson Memorial Endowed
 Scholarship

Dr. Arnold and Luella Langenberg Scholarship
 Ronald King Laster Scholarship
 Tom & Frances Leach Endowed Scholarship
 Learning Center 25th Anniversary Scholarship
 George H. Lee Endowed Music Scholarship
 Woodrow W. and Vivien G. Magness
 Scholarship
 May Scholarship of Second Presbyterian Church,
 Little Rock

Information about applying for, and renewal of, financial aid programs is available in the financial aid office.

CONTINUED ELIGIBILITY A student must make satisfactory academic progress in order to remain eligible for financial aid. This involves both a qualitative measurement (cumulative grade point average) and a quantitative measurement (credit hour completion). A student must satisfy both requirements to remain eligible for financial aid. This policy does not supercede renewal criteria for particular scholarships.

Cumulative GPA Requirement Grade point averages will be figured on a 4.00 scale and will be based on the total number of courses completed at the University of the Ozarks with the following exception. If a student repeats a course, only the higher grade will be used in computing the gpa. Below are the minimum gpas required:

29 GPA Hours or Below	1.50
30 - 59 GPA Hours	1.75
60 GPA Hours or Above	2.00

Course Completion Requirements At the end of each increment (two semesters), the number of hours attempted will be compared to the number of hours completed. Students must pass the following percentage of work attempted:

59 GPA Hours or Below	65 percent
60 GPA Hours or Above	75 percent

Students should note that summer hours will not be included in the total hours attempted and may be used to make up deficits from previous fall and spring terms. A course for which a student receives a grade of I or R will not be counted toward the course completion requirements, nor will it be counted in the attempted hours until a letter grade replaces the I or R. A course that a student is auditing will not be counted in attempted or completed hours. A course in which a student receives a W, WP, or WF will count as hours attempted but not as hours completed. A course that is repeated will not count as hours attempted or

completed. Developmental courses will count toward course completion requirements. No student may receive financial aid after attempting 186 credit hours or earning 165 credit hours, whichever comes first. Any transfer hours accepted by the institution will count in total hours earned.

Students who fail to maintain satisfactory academic progress are placed on probation before they lose eligibility. While on probation, a student is expected not only to meet the requirements for satisfactory academic progress but also to reduce any credit hour deficiencies and obtain the required cumulative gpa. Probationary status will continue for a student who makes progress toward reducing his or her credit hour deficiency and/or increasing his or her cumulative gpa. Any semester in which a probationary student fails to make satisfactory academic progress will make that student ineligible for financial aid for the next semester. If a student receiving financial aid is academically suspended, or voluntarily withdraws from all classes, that student will not be eligible to receive financial aid for the next semester. A student may appeal a decision about satisfactory academic progress to the Financial Aid Committee.

WITHDRAWAL FROM THE UNIVERSITY If a student withdraws from Ozarks, the student or the school may be required to return some of the federal funds awarded to the student. The federal Return of Title IV Funds formula dictates the amount of Federal Title IV aid that must be returned to the federal government by the student and the school. The federal formula is applicable to a student receiving federal aid (exclusive of Federal College Work Study) if that student withdraws on or before the 60% point in time in the semester. Any student receiving all Fs in a given term and the last date of attendance cannot be determined, the University will apply the Federal Return to Title IV Funds policy assuming the last date of attendance to be at the 50% point in time in the semester.

The federal formula requires that the percentage of Title IV aid to be returned is equal to the number of calendar days remaining in the semester divided by the number of calendar days in the semester. Scheduled breaks of more than four consecutive days are excluded.

Refunds due to federally funded Title IV programs will be made in the following order:

- 1.) Unsubsidized Federal Stafford Loan, 2.) Subsidized Federal Stafford Loan, 3.) Perkins Loan, 4.) Federal PLUS Loan, 5.) Federal Pell Grant, 6.) Federal Supplemental Education Opportunity Grant, 7.) other Title IV programs. If a refund is due to one of the Federal Loan programs, it will be returned to the lender within thirty days of a student's withdrawal.

If students who withdraw are receiving state-funded scholarships or grants, these will be refunded on a basis consistent with the refund calculation method, not to exceed the total amount of the calculated refund. If they are receiving private scholarships, these will not be refunded unless specifically required by the donor. If they are receiving any forms of institutional aid, these will be forfeited, and students will be required to repay the full amount at the time of withdrawal. If they cannot do so, the business manager may make reasonable arrangements for repayment.

OZARKS REFUND POLICY applies to students enrolled fall or spring semester and who officially withdraw from the university. Students who withdraw during the first seven calendar days will be charged

20 percent of tuition; those who withdraw during the 8th to 14th calendar days, 40 percent; those during the 15th to 21st calendar days, 60 percent; and those during the 22nd to 28th calendar days, 80 percent. On the 29th calendar day and after, students withdrawing will be charged full tuition. During a summer term, those who withdraw after a single class will be charged 50 percent of tuition. Thereafter, students will be charged full tuition. No refunds will be given for room charges, fees (including fees for the Jones Learning Center), or miscellaneous expenses. Board charges will be prorated according to the date of official withdrawal.

NOTE: If funds are released to a student because of a credit balance on the student's account prior to the student withdrawing, then the student may be required to repay some of the federal grants.

Policies in this section are subject to change as dictated by federal regulations.

Campus Life

Ozarks believes that education occurs outside the classroom as well as inside. To encourage the extracurricular growth of its students, the university provides a well-rounded student-life program. A complete guide to this program is published each year in the student handbook, *The Talon*. Available in the Student Life office, this handbook should be consulted for more specific information about matters discussed in this section of the catalog.

Religious and Cultural Life

CONVOCATIONS Ozarks supports the idea that a university community should come together for cultural, religious, and educational enrichment. Thus, the university schedules events which provide for such enrichment and which support its academic programs, including chapel services, lectures, concerts, theatrical productions, and art exhibits. Students are required to attend a certain number of these events each semester. For freshmen and sophomores, the requirement is eight; for juniors, six; for seniors, four. The university's convocation policy is reviewed periodically, and more specific details are available in *The Talon*.

RELIGION Although Ozarks is a Presbyterian-related school, its students represent many different religious backgrounds, and religious programs on campus attempt to honor this diversity while emphasizing our Presbyterian heritage. Chapel services, which reach out to all parts of the university community, are held each Tuesday, at 11:00 a.m., in Raymond Munger Memorial Chapel. Bible studies and a variety of fellowship activities are also provided. In addition, several other denominations sponsor campus ministries, including the Alpha and Omega, Baptist Collegiate Ministries, the Catholic Campus Ministry, the Methodist Campus Ministry, and the Presbyterian College Connection.

MUSIC All students interested in music are encouraged to explore their talents in performance groups and/or through private music lessons. The University Chorus, open to all students, gives two major on-campus performances each semester and frequently provides music for chapel services. Female singers may audition for the Women's Select Ensemble. Private lessons in voice, piano, and organ are available to all students as space permits.

THEATRE University Theatre produces three main-stage shows each season, participates in The American College Theatre Festival, and presents a series of student-directed one-acts. All students with an interest in lighting, sound, properties, scenery, costume, make-up, publicity, or performance are encouraged to become active in University Theatre, for no prior experience is required. Auditions and crew assignments are publicized three weeks prior to audition dates. Students participating in productions can earn up to three hours of credit through the Play Production course. In addition, University Players, a social and service organization for students interested in theatre, visits professional theatres several times a year and participates in The Arkansas College Theatre Festival, a state preliminary for The American

College Theatre Festival.

BROADCASTS AND PUBLICATIONS The campus television station, Channel 6, is an educational access channel on the Cox Communications cable system, with studios in the lower level of Walker Hall. Weekly newscasts and interview programs are produced entirely by students, and all students are invited to participate in production of these programs. KUOZ 100.5 FM, launched in the fall of 2004, is an FCC licensed low-power station that serves the campus and community with a wide variety of musical and informational programming. In addition to Channel 6 and KUOZ, students can also have a part in the production of three campus publications, the *Mountain Eagle*, the university's official student newspaper; the *Aerie*, its yearbook; and *Falstaff*, its literary magazine.

Athletics

Ozarks participates in the American Southwest Conference, fielding teams in basketball, baseball, fastpitch softball, soccer, cross-country, tennis, as well as cheerleading squad. Participation in intercollegiate athletics is governed by conference regulations, by the regulations of the National Collegiate Athletic Association (Division III), and by our athletic mission statement.

The mission of the University of the Ozarks is to guide and encourage the intellectual, spiritual, social, and physical development of each student. In pursuit of this mission, the university emphasizes personal development based on moral, ethical, and spiritual values and challenges every student to reinforce the qualities of self-reliance, self-determination, personal responsibility, and respect for the individual. The University of the Ozarks is committed to a representative athletic program, both intercollegiate and intramural. The program is expected to support the general mission of the university and should reflect the basic philosophy of equal treatment of athletes of both genders. The university believes that athletics represents an important part of the total educational experience.

The spirit of competition uniquely found in intercollegiate athletics fosters the growth of self-reliance and self-determination among competitors. Through fair play on the field and court, students have the opportunity to formulate personal value systems based on moral and ethical principles.

The University of the Ozarks expects that its student athletes are participating in intercollegiate athletics for the educational and recreational value of participation; therefore, the university does not award scholarships or financial assistance on the basis of athletic ability. Student athletes and their coaches are widely recognized as representing the institution; therefore, they are expected to maintain the highest ethical and moral standards, and their conduct, both on and off the playing fields, should be above reproach.

The University of the Ozarks believes that it is beneficial to participate in athletics with institutions of similar missions, both educationally and athletically. Consequently, the university is a member of the NCAA Division III, and the American Southwest Conference. Furthermore, the institution insists that its athletes meet the eligibility standards set forth by those organizations and that its coaches abide by their rules and regulations.

In addition to its program in intercollegiate athletics, the university provides an intramural program designed to encourage all students to develop physical skills, a life-long commitment to exercise, and good sportsmanship. Both team and individual sports are offered throughout the school year, and all students are encouraged to participate.

Residence Life and Dining Services

The university provides housing in five residence halls. King Hall, built in 1971, and remodeled in 1999, houses freshmen. MacLean Hall, built in 1927, and renovated in 2001, and Smith Hall, built in 1964, and fully renovated in 2000, house upper-level students. Each residence hall is staffed with a hall director and with resident assistants, and all feature formal and informal lounges, recreation areas, and study rooms that provide pleasant living environments and that foster academic success. In addition, Cary-Wortz, Bagwell-Jones, and Mabee Halls offer an intimate living style for upper-level students. Each houses 20 students.

Residence Halls

An important part of the Ozarks philosophy is that education is not confined to the classroom. Students learn to live cooperatively with others and to adapt to independent living through our residential-life program. For that reason, students under twenty-one are required to reside in university housing. Exceptions are made for married students or those with children, for part-time students, for students living with their parents, and for students who have received special permission from the Dean of Residential and Campus Life.

Dining Service

All students living in university residence halls must participate in an available meal plan through the campus food service. (Students with special diets prescribed by a doctor should inform the food service director of their dietary requirements.) On weekdays, breakfast, lunch, and dinner are served; on weekends, brunch and dinner. At most meals, five concepts are available, in addition to self-service salad, soup, potato, and dessert bars.

Health Service

A registered nurse, whose office is located on the first floor of Seay Student Center, keeps regular office hours Monday through Friday. Also available for emergency illnesses or accidents, the nurse can refer students to local physicians as necessary.

Support Services for Students with Disabilities

Qualified students with disabilities must have equal access to all university programs. Attention is given to assisting, rather than providing for, students with disabilities; the university strives to promote independence and dignity, to create an accessible physical environment, and to provide a supportive learning atmosphere. The University of the Ozarks complies with the provisions of the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. Any student who has a physical or mental impairment that limits one or more major life activities is expected to present appropriate documentation to the Liaison for Students with Disabilities in Student Support Services (SSS) or to the Director of the Jones Learning Center so that steps can be taken to access reasonable accommodations for each student on a case-by-case basis. It is the student's responsibility to self-identify and to provide adequate written documentation. Although there is no time limit on self-identification, the student must allow time for services to be arranged; therefore, early identification is encouraged. If a student feels that he/she has not received adequate assistance in regard to the documented disability or has been treated unfairly in regard to his/her disability, a detailed grievance procedure is outlined in the Student Handbook.

Orientation, Student Support Services, and Career Services

Ozarks sponsors an orientation program for all new students to provide necessary information, to develop social skills, and to encourage habits that will foster success in college. All freshmen and transfer students are required to participate. Although an intensive four-day session is held at the beginning of the fall semester, orientation activities continue throughout the student's first year.

To further assist students in making a successful transition to college, Ozarks conducts a mentors program through its Critical Inquiry course. A professor and peer mentors work with a small group of new freshman in an environment which combines academic and social support. The Critical Inquiry course is designed to help students develop active listening, analytical reading, and vocabulary and study skills to succeed in advanced academic work. It also helps students broaden their familiarity with current issues, and it provides a close social bond to support them in their transition to college life. An important component of the seminar is to provide information to help students with developing their portfolios, and other important activities.

The Student Support Services Center, located on the first level of Robson Library, provides to eligible students those services that will help them reach their full academic potential, including tutoring, supplemental instruction, and academic and career counseling. Specific needs are identified through standard assessment tools and personal interviews, and these needs may be met through a combination of individual attention and group programs.

The Career Services Center is also located on the first level of Robson Library. This office provides information on career planning, job searching, and graduate school admissions. Resources include books, videos, cd-roms and computer programs that assist students in developing a career plan, obtaining an internship, writing résumés and cover letters, developing interviewing skills and graduate test preparation. All students are encouraged to visit the Career Services Center early in their college education so they can register for services that will be provided throughout their time at Ozarks. Alumni can also receive assistance by contacting the office.

Intended Student Outcomes for Student Support Services

1. Students will utilize academic support for courses in which they find individual weaknesses. As a result of these academic support sessions, they will develop a mastery over these identified weaknesses.
2. Students will demonstrate in a learning community (SI) the ability to clearly and effectively express ideas and attentively listen to the ideas of others.
3. Students will become proficient in basic skills necessary for success in reading and writing intensive entry-level courses.
4. Students will know about (be aware of) professional career opportunities including internships, graduate school, and job acquisition.
5. Students with disabilities will demonstrate independent behavior that will allow them to comfortably advocate for themselves upon graduation.
6. Students will learn to respect others with abilities different from their own and contribute to the welfare of the University community by assisting students with disabilities through a variety of methods.
7. Students will utilize academic technology and use it to gather and process information effectively.

Student Organizations and Activities

The Student Government Association (SGA) is recognized by the university as the representative body for all students. Through the SGA, students may make known their ideas, opinions, and grievances. The organization holds campus-wide elections each spring, and all students are eligible to vote or to run for office. The president of the SGA is an ex-officio member of the university's board of trustees. SGA elects two members to attend meetings of University Senate.

Many other clubs and organizations are available to students. The Campus Activities Board (CAB) is a student organization whose purpose is to provide leadership in all campus activities and programs. CAB plans, organizes, and implements such major programs as Aqua Fest, Miss U of O, Christmas Formal, and the Ozarks Coffeehouse Ordeal (OCHO's). All students are invited to get involved in one or all of the many committees created by the Board. Visit the Student Life Office for more information.

University Sponsored Groups:

Residence Hall Association (RHA), Student Foundation Board (SFB),
Student Government Association (SGA), Campus Activities Board (CAB)

Honor Societies:

Alpha Chi, Kappa Delta Pi

Academic Organizations:

Beta Sigma Kappa (BSK), Ozarks Biological Society, Ozarks Student Education
Association (OSEA), Phi Alpha Theta, Phi Beta Lambda (PBL), Students in Free
Enterprise (SIFE)

Special Interest Groups:

Amnesty International, Art Club (Ozarts), BACCHUS, College Republicans, Kappa
Omega Omega Lambda (KOOL), Knit-Wits Civic Organizations, Ozarks Photography
Club, Planet Club, Rotaract, Screaming Eagles Forensic Club, Young Democrats.

Academic Affairs

When students enter Ozarks for the first time, the university establishes a curricular contract based upon the catalog in effect at that time. If curricular requirements are changed, students are encouraged to meet the new standards; however, they may remain under the original requirements. If a required course is no longer offered by the university and students have not yet satisfied that requirement, the university will accept a reasonable substitute. When the university changes the intent of a course in such a way that credit is no longer acceptable in a certain program, the university will continue to permit those students who had that course as a part of their initial catalog to receive credit for it. The ability for students to maintain their curricular contract with the university depends on their being enrolled during any one of the terms (fall, spring, or summer) during a calendar year.

Degrees

BACHELOR OF ARTS degrees may be earned by students with majors in art, biology, business administration, communications, English, history, mathematics, music, political science, psychology of human behavior, religion and philosophy, sociology, or theatre.

BACHELOR OF SCIENCE degrees may be earned by students with majors in accounting, biology, business administration, business technology education, chemistry, composite science, early childhood education, economics, environmental studies, management, marketing, mathematics, middle-level education, physical education, political science, psychology, respiratory therapy, or social sciences.

BACHELOR OF GENERAL STUDIES degrees may be earned by students who wish to tailor their course of study to their own academic interests. There are no major or minor requirements, but all other degree requirements must be met. Of the 124 credit hours required for graduation, a minimum of forty must be upper-level with a C- or better grade.

SECOND DEGREES Students with a degree from Ozarks who wish to obtain a second degree must complete twenty-four additional hours of work in residence and must satisfy all other requirements for the degree. Students with degrees from other institutions who wish to obtain a second degree from Ozarks must complete at least thirty hours in residence, of which at least eighteen must be at the upper level. In some cases, the chair of the division in which the second degree is being pursued will require work in addition to the requirements for the major. Students working toward a second degree are bound by the catalog in effect when they first began pursuit of the second degree. All students seeking a second degree must obtain permission from the vice president for academic affairs.

Degree Requirements: An Overview

The following list contains an overview of all degree requirements. See the pages indicated for details.

- Complete 124 college-level* credit hours (pg. 27)
- Fulfill core and distribution requirements (pp. 27-38)
- Complete all courses in the major with a minimum of C- (or P in courses offered only on a P/F basis) (pg. 38)
- Complete all courses in the minor, if any, with a minimum grade of C- (or P) (pg. 38)
- Complete all requirements for the second major, if any (pg. 38)
- Complete the portfolio requirement (pp. 39)
- Complete a minimum of forty upper-level hours; for the BGS, a minimum grade of C- (or P) is required for all courses counted in these forty upper-level hours (pg. 39)
- Complete the last 30 hours in residence at Ozarks (pg. 40)
- Attain a 2.00 or higher grade point average on all college-level* work attempted at Ozarks** (pg. 40)
- Make formal application for the degree to the registrar at least one semester prior to expected graduation (pg. 40)

* “College-level” courses are those whose first digit is 1, 2, 3, or 4. Hence, developmental courses and their grades are excluded from meeting graduation requirements. However, developmental courses and their grades *are* included in computing semester and cumulative grade point averages, “good academic standing” (pg. 41), satisfactory progress, “academic classification” (pg. 46), and eligibility for financial aid and athletics.

**Only courses taken at Ozarks count in the grade point average. However, approved courses taken elsewhere in which the student earns a grade of C- or higher may fulfill course and curricular requirements and may count toward total hours for graduation.

Credit-Hour Requirements

All students seeking bachelor's degrees must complete 124 college-level credit hours, fulfill core and distribution requirements, and satisfy the other requirements for graduation outlined above. Please note that developmental courses (those that begin with a 0) do not count toward the 124 hours. Students seeking a Bachelor of Arts or a Bachelor of Science degree must also complete the requirements of an academic major. No more than four hours of physical education activity classes may be applied toward any degree except in programs which specify more.

Core Requirements

Core courses (21 credit hours) are designed to be taken during the first and second years, develop critical skills, provide a context for advanced study, and offer limited options. They provide a common base for all Ozarks students. Links to the Ozarks Intended Student Outcomes (ISOs: this catalog, pp. 5-7) are shown in parentheses.

IND 1003	Critical Inquiry* (ISO 2, 4)
COM 1003	Basic Oral Communication (ISO 1)
ENG 1013, 1213	Composition I, II (ISO 1)
MTH 1033	College Algebra (or a higher-level mathematics course) (ISO 2, 3 [math])
HIS 2013, 2023	World Civilization I, II <i>or</i> HUM 2013, 2023 Humanities I, II (ISO 2, 3 [humanities])

*The Critical Inquiry requirement is waived for students with transfer credit of 24 semester hours or more. Students with transfers of less than 24 semester hours may petition the vice president for academic affairs for a waiver of the Critical Inquiry requirement.

Distribution Requirements

Distribution courses are designed to be taken throughout the four years, provide breadth of exposure to a range of disciplinary methodologies and content, and offer more choices within areas. They provide students and advisors flexibility to customize the educational program while ensuring the breadth of understanding characteristic of the liberally educated person who is prepared for the career of his or her choice. One or more requirements in the distribution might be fulfilled through one or more appropriate courses in the major and/or minor – a practice known as “double-dipping.” Hence, the net total of “pure” distribution hours will vary according to each student’s major(s), minor(s), and particular choices within options. (Double-dipping is permitted only between courses listed simultaneously in the distribution and in majors and minors. Some distribution courses appear on lists in more than one distribution area. In such cases, students are required to choose in advance which distribution requirement a given course will fulfill. Therefore, students may not fulfill two or more distribution requirements with a single course.)

Students are required to fulfill the distribution requirements outlined below in each of the following areas: (1) literature, (2) fine arts, (3) religion, (4) physical education and wellness, (5) civic awareness, (6) social science and social analysis, (7) natural science and mathematics, and (8) global awareness. In

addition, the moral dimension (ISO 2, 4) is introduced in Critical Inquiry and developed across the curriculum in a variety of courses in the distribution areas and in majors. Links to the Ozarks Intended Student Outcomes (ISOs: this catalog, pp. 8-10) are shown in parentheses. Course menus listed under each distribution area are updated from time to time by the General Education Oversight Committee.

(1) Literature

Required: One course (3 credit hours) in literature (ISO 2, 3 [humanities])

Criteria for courses in this area:

- Courses must indicate clearly that students will study in depth both lyric and either narrative or drama (i.e., one literary genre organized by plot and another not organized by plot).
- Courses must indicate clearly that students will analyze in depth how different literary elements (e.g., plot, character, setting, point of view, symbolism, form, metaphor, imagery, rhythm, sound) function in literary texts.
- Courses must indicate clearly that students will continue to master effective writing (through, for example, in-class essays, take-home essays, critical papers, research papers) and to master effective speaking (through, for example, class presentations, class discussions, group discussions).

Courses that fulfill this requirement:

ENG	2003	Introduction to Literature
	2013	Themes in Literature
	2113	World Literature I
	2123	World Literature II
	3033	British Literature I
	3043	British Literature II
	3053	American Literature I
	3063	American Literature II
	4053	Shakespeare [so long as significant attention is paid to the sonnets]

(2) Fine Arts

Required: A total of 3 credit hours of fine arts courses (ISO 2, 3 [fine arts])

Criteria for courses in this area:

- Courses with a subject area in the fine/performing arts—drawing, painting, sculpture, ceramics, photography, architecture, music, drama, dancing and film—will fulfill this requirement, as long as the focus of the course is on aesthetic design,

performance/creation, interpretation or analysis. In other words, the course should emphasize artistic elements. A course that teaches how to recognize the elements of a film that impact its interpretation would fulfill this requirement; a course using film to study the history of psychological trends would not. A dance course that focuses on choreography as an art form counts; a dance course intended as physical education would not.

- Courses that feature hands-on experiences in which students learn to create or perform works can fulfill this requirement.
- Courses that teach “appreciation” of an art and incorporate listening or aesthetic analysis skills can also fulfill the requirement.
- Courses should explicitly or implicitly include affective objectives and assess such objectives (e.g., increase appreciation of an art, result in students attending more cultural events or taking additional courses in the area).
- It is expected that the course will further the development of at least one general education ISO.

Courses that fulfill this requirement:

ART	1013	Basic Design
	2003	Photography
	2013	Basic Drawing I
	2033	Ceramics I
	2053	Painting I
	2073	Sculpture I
	2093	Watercolor
	2113	Art History I
	2123	Art History II
	2203	Printmaking I
COM	2093	The Art of Watching Film
	3203	Documentary Film
HUM	3113	Ancient World
	3123	Medieval World
	3133	Renaissance and Baroque
	3143	Classicism and Romanticism
	3153	World of the 20 th Century
MUS	1003	Music Appreciation
	3114	Ancient World
	3124	Medieval World
	3134	Renaissance and Baroque
	3144	Classicism and Romanticism
	3154	World of the Twentieth Century
	2783/4783	Special Studies in these areas: Broadway Musicals, All That Jazz, Movie Music, Popular Music, The Symphony, Sacred Music, World Music

All applied music studio lessons (piano, organ, voice), piano/voice classes, and ensembles are eligible as well; but, in order to receive distribution credit, the student must enroll in three terms of that activity and participate in all scheduled performances.

THR	1013	Introduction to Theatre	
	1033	Fundamentals of Design	
	1111-4111, 1112-4112, 1113-4113	Play Production*	
	2013	Fundamentals of Acting	
	3013	Theatre History I	
	3023	Theatre History II	

* To receive distribution credit for Play Production, the student must complete three units. The student may either (1) enroll for 3 credit hours during one term and specialize in one area, (2) earn 3 credit hours one unit at a time spread over three semesters, or (3) complete 2 credit hours during one semester and 1 credit hour during another semester.

(3) Religion

Required: One course (3 credit hours) in religion (ISO 2, 3 [humanities], 4)

Criteria for courses in this area:

- All courses must be consistent with our mission (“True to our Christian heritage”) and goals (“Encourage students both to learn and practice Christian values, while respecting individual beliefs”).
- All courses will include at least one substantial component related to Christianity.
- All courses will include a study of Christian sacred (Biblical) texts, though they may also include the sacred texts of other traditions.
- All courses will support the University’s ISOs, especially ISO 2 and ISO 4.

Courses that fulfill this requirement:

REL	1003	Old Testament
	1013	New Testament
	2303	Social Issues from Christian Perspectives
	3003	Biblical Interpretation: Old Testament
	3013	Biblical Interpretation: New Testament
	3023	History of Christian Thought
	4003	Religion in Late Antiquity
REL / PHL	2003	World Religions

(4) Physical Education and Wellness

Required: Four physical education activity courses (4 credit hours total) or two physical education activity courses plus a course in wellness of at least 2 credit hours (4 credit hours total) (ISO 4)

Criteria for courses in this area:

- Courses can be classified as wellness courses if they promote physical wellness through (a) physical activity, movement experiences, and a physically active lifestyle; (b) fitness for wellness; (c) an understanding of nutrition and its association with health.
- Courses can be also classified as wellness courses if they promote mental and emotional well-being.

Courses that fulfill this requirement:

Any of the physical education activity courses listed in this catalog under Physical Education

PHE	1002	Physical Wellness
PSY	1013	Psychology of Adjustment
	3053	Health Psychology

(5) Civic Awareness

Required: One course (3 credit hours) in civic awareness (ISO 2, 3 [humanities, social science], 4)

Criteria for courses in this area:

- Courses that study American political institutions and processes, inclusive of both historical and contemporary contexts, will fulfill this requirement.
- The study must incorporate applications to current social, economic, and cultural issues to facilitate civic awareness and engagement.

Courses that fulfill this requirement:

HIS	2113	American History I
	2123	American History II
PLS	2013	American National Government

(6) Social Science and Social Analysis

Required: 6 credit hours in Social Science / Social Analysis, distributed as follows. (ISO 2, 3 [social science])

- If students fulfill their Civic Awareness requirement through a History course, they must then take 6 credit hours of Social Science.
- If students fulfill their Civic Awareness requirement through a Political Science course, they may take 6 credit hours of Social Science or they may take 3 credit hours of Social Science and 3 credit hours of Social Analysis.

Criteria for courses in this area:

- Social Science: Course content will focus on the study of individuals and institutions within topical social contexts. The methodological emphasis is on identifying and applying theories and models to understand and predict contemporary human behaviors.

- Social Analysis: Course content will focus on the study of individuals and institutions within historical social contexts. The methodological emphasis is on interpreting various categories of texts from perspectives of chronology in order to understand the genesis and development of human interactions.

Courses that fulfill the Social Science requirement:

BSA	3013	Legal Environment of Business I	
	3053	Introduction to Entrepreneurship	
	3223	Legal Environment of Business II	
	4003	Business Finance	
	4303	Business Ethics	
COM	1013	Interpersonal Communication	
	1023	Introduction to Mass Communication	
	2083	Small Group Discussion	
	3033	Persuasion Theory	
	3183	Research Methods and Writing	
	4013	Political Communication	
	4313	Public Relations Principles	
ECN	2003	Principles of Macroeconomics	
	2013	Principles of Microeconomics	
	3003	International Political Economy	
	3103	Intermediate Macroeconomic Theory	
	3203	Intermediate Microeconomic Theory	
	3303	Money and Banking	
	3313	Current Economic Issues	
	3323	Managerial Economics	
	3333	Labor Economics	
	4003	International Law and Organization	
	4013	International Trade Law and Policy	
	4213	Comparative Economic Systems	
	ENS	1013	Introduction to Environmental Studies
		3033	Environment, Natural Resources, and Community
GEO	2023	Regional Geography	
	2043	Physical Geography	
	2013	Cultural Geography	
HIS	4333	Comparative Topics in History	
MGT	2003	Survey of Management	
	3103	Human Resource Management	
	3123	Supervisory Management	
	3203	Organizational Behavior	
	4003	Management Seminar	
	4013	Business Strategy	
	4213	Managerial Communication	

	4223	Organizational Theory
	4023	International Management
MKT	1003	Marketing Concepts
	3103	Consumer Behavior
	3113	Product Strategies
	3133	Hospitality Marketing
	4113	Promotion Strategies
	4213	International Marketing
	4313	Public Relations
	4323	Persuasion Theory
PLS	1003	Introduction to Political Science
	2013	American National Government (if a History course was taken to fulfill Civic Awareness requirement)
	2033	International Relations
	2043	State and Local Politics
	3003	International Political Economy
	3013	Comparative Political Regimes and Ideologies
	3043	Public Policy
	3053	American Constitutional Law and Thought I
	4003	International Law and Organization
	4013	International Trade Law and Policy
	4023	Public Administration
	4033	Contemporary Political and Legal Philosophy
	4053	American Constitutional Law and Thought II
PSY	All of the catalog courses	
SOC	1013	Introduction to Sociology
	2013	Social Problems
	2023	Social Research Methods
	3033	Environment, Natural Resources, and Community
	3073	Race, Class, and Gender
	3083	Sociology of Deviant Behavior

Courses that fulfill the Social Analysis requirement:

EDU	2003	Education and the Growth of the American Republic
HIS	2113	American History I
	2123	American History II
	3003	Arkansas History
	3113	Colonial America
	3213	British History I
	3123	Civil War & Reconstruction
	3223	British History II
	3313	History of India
	4133	American Frontier

	4143	Twentieth Century America
	4203	Antiquity and Middle Ages
	4213	Early Modern Europe
	4223	Revolutionary Europe
	4233	Twentieth Century Europe
	4313	Survey of Russian History and Culture
PLS	3073	History of Political Thought I
	3083	History of Political Thought II
	4783	Special Studies: Diplomatic History and Foreign Policy I or II
REL	4003	Religion in Late Antiquity
SOC	4023	Social Theory

(7) Natural Science and Mathematics

Required for the B.S. degree: One laboratory science course (4 credit hours), one additional science course (3-4 credit hours), and one additional, higher-level mathematics course (3-4 credit hours) beyond the course used to satisfy the core requirement (ISO 2, 3 [science, math], 4)

Required for the B.A. and B.G.S. degrees: One laboratory science course (4 credit hours) and either one additional science course or one additional, higher-level mathematics course beyond the course used to satisfy the core requirement (3-4 credit hours) (ISO 2, 3 [science, math], 4)

Criteria for Science courses:

- The course content must be derived using the scientific method.
- The course must have a significant emphasis on the scientific method and its applications.

Courses that fulfill the Science requirement (Course numbers ending with 4 are lab courses):

BIO	1104	Biology Concepts
	1214	Principles of Biology I
	1324	Principles of Biology II
	2014	Zoology
	2124	Botany
CHM	1004	Introduction to Chemistry
	1014	General Chemistry I
	1024	General Chemistry II
PHE	2603	Human Physiology
	3003	Nutrition
	3123	Kinesiology
	4103	Physiology of Exercise
	4783	Exercise and Health
PHS	1004	Introductory Physical Science
	1023	Earth Science
	1044	Astronomy
PHY	2014	College Physics I
	2024	College Physics II
	2114	General Physics I
	2124	General Physics II
PSY	2783/3053	Health Psychology
	3163	Physiological Psychology

Criteria for Mathematics courses:

- The course must promote and develop logical and systematic reasoning.
- The course must use symbolic notation, representation, and manipulation.
- The course must be algebra-based and use rigorous algebraic manipulation and techniques.

- The course must give students a foundation of mathematical techniques and critical thinking strategies that prepare them to solve mathematical-based problems in various fields of study.

Courses that fulfill the Mathematics requirement:

BSA	3023	Business Statistics I
CSC	1013	Introduction to Computer Science
	2123	Discrete Mathematics
MTH	1043	College Trigonometry
	2015	Calculus I
	2024	Calculus II (if Calculus I was taken for the core requirement)
	2123	Discrete Mathematics
	2153	Mathematics for Middle Level Teachers II
	2163	Mathematics for Elementary Teachers II

(8) Global Awareness

Required: Complete one of the following four options (0-6 credit hours). (ISO 3, 4)

1. Complete one year (or the equivalent) of a modern foreign language* (4-6 credit hours).
2. Complete an Ozarks Abroad course (3 credit hours).
3. Complete a study or internship abroad of at least five weeks (0-3 credit hours).
4. Complete a course in global awareness from the list below (3 credit hours).

Criteria for courses in this area:

- The common aim for the requirement in global awareness is for students to broaden their range of cultural experience and to make them aware of both cultural differences and of cultural connections.
- Criterion for courses under option 1: Course(s) must have an identifiable cultural component (social, economic, political, geographic, environmental, and/or artistic).
- Criterion for courses under option 2: This course must have a significant international cultural component (social, economic, political, geographic, environmental, and/or artistic).
- Criterion for option 3: A proposal for study or internship abroad, which addresses cultural considerations (see above), must be approved by the General Education Oversight Committee.
- Criteria for courses under option 4: (a) The course must address one or more foreign cultures, and (b) it must contain significant emphases in at least two of the following areas: history of the arts; social, economic, and political history; geographical and environmental history.

Courses that fulfill the Global Awareness requirement (option 4 above):

ECN	3003	International Political Economy
	4003	International Law and Organization
	4013	International Trade Law and Policy
	4213	Comparative Economic Systems
GEO	2023	Regional Geography

	2013	Cultural Geography
HIS	3213	British History I
	3223	British History II
	3313	History of India
	4203	Antiquity and Middle Ages
	4213	Early Modern Europe
	4223	Revolutionary Europe
	4233	Twentieth Century Europe
	4313	Survey of Russian History and Culture
	4333	Topics in Comparative History
MGT	4023	International Management
MKT	4213	International Marketing
MUS	2783/4783	Special Studies: World Music
PLS	2033	International Relations
	3003	International Political Economy
	3013	Comparative Political Regimes and Ideologies
REL	4003	Religion in Late Antiquity

*Individual programs determine any specific foreign language requirements for their graduates. Those requirements, if any, are listed under the various major requirements in this catalog.

Major Requirements

Students seeking a bachelor of science or a bachelor of arts must choose a major field of study. Requirements for majors are listed elsewhere in this catalog. Only credit hours passed with a C- (or P in courses offered only on a P/F basis) are counted toward the requirements in a major, or with a C- or P in a minor. The following majors are offered: accounting; art; biology; business administration; business education; chemistry; communications; composite science; early childhood education; economics; English; environmental studies; history; management; marketing; mathematics; middle level education; music; physical education; political science; psychology; psychology of human behavior; religion and philosophy; respiratory therapy; social sciences; sociology; and theatre. Some majors require a minor, usually eighteen credit hours, in another field of study. (Minors are offered in the following areas: accounting, art, biology, business administration, chemistry, communications, computer applications, computer science, economics, secondary education, special education, English, history, management, marketing, math, music, health, physics, political science, psychology, religion, philosophy, sociology, Spanish, and theatre). For complete listing of teacher licensure areas, see the education section of the catalog.

SECOND MAJORS Students seeking two or more majors must satisfy all degree requirements as well as the requirements of each major. Students with majors in areas leading to different degrees may

select which degree is to be awarded. Permission to seek a second major must be obtained from the vice president for academic affairs.

Other Degree Requirements

PORTFOLIO REQUIREMENT All students must develop, maintain, and receive a passing evaluation for a portfolio that documents learning related to stated intended student outcomes from the general-education requirements: that students completing this program will 1.) communicate effectively; 2.) think critically; 3.) have knowledge of human culture; and 4.) be aware of their responsibilities to themselves, to humanity, to their planet, and to their creator.

A portfolio is an assessment device which systematically documents student learning over a period of time. Portfolios contain artifacts (evidence) that a student has completed specific learning objectives. While students may be required to include particular items, most artifacts will be student-selected. Thus, the purpose of a portfolio is to allow students to reflect on personal and professional growth, to provide evidence related to specific intended student outcomes, and to strengthen collaborative interactions with peers and faculty. When a student declares a major, artifacts may be included to document achievement of objectives from specific courses. Artifacts may be chosen also to fulfill personal and professional goals or to gain employment.

Completed portfolios will 1.) provide an opportunity for reflection on one's work, 2.) strengthen interactions with peers and faculty, 3.) demonstrate growth in knowledge of course content, 4.) document learning to potential employers, 5.) provide evidence of progress and achievement of intended student outcomes, 6.) document the effectiveness of the university's general-education requirements.

Directions for successful completion of the portfolio are provided in the Student Portfolio Notebook, which will be distributed during freshman orientation and periodic workshops. The collection of artifacts and completion of requirements for the final portfolio will be the student's responsibility. Students are required to submit portfolios to their advisors and the Portfolio Review Committee when requested. A satisfactorily completed portfolio is required to receive grades, to progress to the next classification, and to receive final transcripts from the university. In the case of a review of the assessment process and assessment instruments, the University Senate may choose to suspend the portfolio requirement while the review is being conducted. After the review is completed, students will not be required to submit artifacts for the time period during which the review occurred.

UPPER-LEVEL HOUR REQUIREMENT A minimum of forty upper-level hours is required for any bachelor's degree. For the Bachelor of General Studies, a minimum grade of C- is required for all courses counted in these forty upper-level hours. Students must have attained at least sophomore level status to enroll in 3000- or 4000-level courses.

RESIDENCE REQUIREMENT A student's last thirty hours of academic work must be done in residence at Ozarks. This does not apply to those in respiratory therapy if their last hours are in the professional sequence.

GRADE POINT REQUIREMENT To be awarded a bachelor's degree, a student must attain a 2.00 or higher grade point average on all college-level work* attempted at Ozarks.**

* "College-level" courses are those whose first digit is 1, 2, 3, or 4. Hence, developmental courses and their grades are excluded from meeting graduation requirements. However, developmental courses and their grades *are* included in computing semester and cumulative grade point averages, "good academic standing" (pg. 42), satisfactory progress, "academic classification" (pg. 46), and eligibility for financial aid and athletics.

**Only courses taken at Ozarks count in the grade point average. However, approved courses taken elsewhere in which the student earns a grade of C- or higher may fulfill course and curricular requirements and may count toward total hours for graduation (pg. 27).

APPLICATION REQUIREMENT Each candidate for a degree must make formal application to the registrar at least one semester before the expected date of graduation. The registrar and the student's advisor will furnish a statement of work to be completed to meet graduation requirements, and the student is responsible for completing all work listed.

Grades and Grading Policies

Grade point averages will only include courses taken at Ozarks. Ozarks awards the following grades and quality points:

A	4.0	I	Incomplete
A-	3.7	W	Withdrawal
B+	3.3	WP	Withdrawal Passing
B	3.0	WF	Withdrawal Failing
B-	2.7	P	Pass
C+	2.3	H	Honors
C	2.0	R	Satisfactory Progress
C-	1.7	S	Satisfactory
D+	1.3	U	Unsatisfactory
D	1.0	AU	Audit
D-	.7		
F	0		

INCOMPLETE COURSES Students who are doing passing work but who, because of serious illness or other legitimate extenuating circumstances, cannot complete their course work may, at the

discretion of the instructor, receive a grade of I. The time limit for removing the I grade shall be not later than two weeks prior to the end of the semester following the semester or summer term in which this grade was originally given. The grade of I will automatically be changed to a grade of F if this limit is exceeded.

REPEATED COURSES Students may repeat any course, and only the highest grade recorded will count in their cumulative grade point averages. It is the responsibility of the student to notify the registrar that a course is being repeated. This should be done at the time of completion of the repeated course.

ACADEMIC HONORS The vice president for academic affairs publishes a dean's list and a president's list at the end of each fall and spring semester to give recognition to outstanding academic achievement. To appear on the dean's list, students must have maintained a semester grade point average of 3.50 or above while completing twelve or more hours of academic work. To appear on the president's list, students must have maintained a 4.00 semester grade point average while completing twelve or more hours of academic work. Students who maintain high levels of work may graduate with honors. Those whose graduation grade point averages* are between 3.25 and 3.49 will be graduated cum laude; those between 3.50 and 3.84, magna cum laude; and those 3.85 or higher, summa cum laude.

*Graduation grade point averages include only college-level work (hence, not developmental courses).

GOOD ACADEMIC STANDING To remain in good academic standing, students must fulfill two requirements¹

1.) At the end of each academic year, they must have successfully completed a minimum percentage of the gpa hours they have attempted:

59 GPA Hours or Below	65 percent
60 GPA Hours or Above	75 percent

A student failing to meet this requirement may still remain in good academic standing if his or her cumulative grade point average is 2.50 or above.

2.) At the end of each semester, they must have a minimum cumulative grade point average:

29 GPA Hours or Below	1.50
30 - 59 GPA Hours	1.75
60 GPA Hours or Above	2.00

¹ Courses in which students receive grades of W will count as hours attempted but not completed. Courses in which students receive grades of I will count as hours attempted but will not count as hours completed until those grades are replaced by letter grades. Courses in which students receive grades of R will not count as hours attempted or completed until those grades are replaced by letter grades. Courses which students are repeating will not count as hours attempted or completed.

ACADEMIC PROBATION, ACADEMIC SUSPENSION Students who do not maintain good academic standing will be placed on academic probation for a period of one semester. At the end of that semester, any student who has returned to good academic standing (by achieving both the cumulative grade point average and the two-semester course completion percentage required above) will be removed from probation. Students who have not returned to good academic standing but have earned a semester grade point average of 2.00 and successfully completed 80 percent of gpa hours attempted will be continued on academic probation for one additional semester. All other students will be academically suspended. Any student who does not return to good academic standing after two semesters on academic probation will be academically suspended.

Students academically suspended may not apply for readmission prior to the end of the following fall or spring semester. A student receiving a second suspension will be eligible to apply for readmission one year from the date of suspension. A student receiving a third suspension will be dismissed from the university and may not apply for readmission. All applications for readmission will be considered on an individual basis by the vice president for academic affairs and the Admissions Committee. Readmission will not be automatic. Students must reapply no later than one month before the end of classes of the term before they seek admission. Those seeking readmission must offer convincing documentation that they may be successful in continued study at Ozarks. Such documentation might include employment records, academic records, appropriate recommendations, etc. Any work taken by students while on suspension will be transferred for credit only with prior approval by the vice president for academic affairs.

ACADEMIC CLEMENCY Students who have been absent from school for at least five years may make application to have previous college work not apply to their current degree program. In all cases, the transcript will note academic clemency, and grades remain although they are no longer included in gpa calculation. Students may be eligible to declare academic bankruptcy if they meet the following criteria: 1.) they must have previously been enrolled at the university as an undergraduate student and be returning as an undergraduate student; 2.) they must not have been enrolled at the university during the previous five years; 3.) if they have since attended another institution, they must meet requirements for admission as transfer students (2.00 on all course work attempted more than five years after last enrollment at the university) to be eligible for readmission to the university; 4.) they must submit an application for readmission, official transcripts of all college work attempted since last attending Ozarks, and a "Declaration of Academic Bankruptcy" form.

The following are the conditions of the academic bankruptcy: 1.) Students will forfeit all credit hours previously awarded by the university. These include course work completed at the university (regardless of grades earned), courses accepted in transfer, credit by examination, and any correspondence work awarded. 2.) A new calculation of grade point average and credit hours will begin when the student returns to the university. 3.) The transcript will reflect the student's complete record (including all previous college work) with an added notation of "Academic Clemency Declared." 4.) Courses taken at another institution within five years of the last Ozarks enrollment will not be accepted in transfer. Course work completed more than five years since a student last attended Ozarks may be accepted in transfer, subject to Ozarks credit policies. 5.) For the university to provide

appropriate advising and assessment, a student will be required to submit ACT scores prior to registration for classes if, as a result of academic bankruptcy, that student is returning to the university as a freshman with fewer than 24 transfer hours.

PASS / D / F OPTION Students who have achieved sophomore status may take one course per year on a pass/D/F basis (up to a maximum of three courses). This provision is intended to allow students to explore different areas of interest without unduly jeopardizing their grade point averages. Core requirements or requirements in a student's major may not be fulfilled in this manner. One distribution requirement may be fulfilled in this manner if the course involved is at the 3000- or 4000-level and is in a distribution area different from that of a student's major. Students who wish to take a course on a pass/D/F basis must first obtain the approval of their academic advisors. Before the end of the second week of classes, they must notify both the registrar and the professor teaching the course that they wish to take it pass/D/F. For a student to earn a pass, his or her work must be equivalent to a grade of C- or higher.

Registration Policies

Returning students may register for classes at scheduled times during each semester's preregistration period. New students may preregister at any time prior to the beginning of a semester. Any student who registers after the first day of classes will be charged a late registration fee. Students are responsible for accurate registration. They will receive credit only for those courses in which they are properly enrolled, and they will receive grades in all courses unless proper withdrawal procedures are followed.

ADDING COURSES, DROPPING COURSES, OR WITHDRAWING FROM THE UNIVERSITY Forms for registration changes are available in the academic division offices or from the Office of the Registrar. A course may be added only during the first 7 percent of class sessions (normally, the first week of the fall and spring terms). A course may be dropped during the first 13 percent of class sessions (normally, the first two weeks of the fall and spring terms). If a course is dropped during this period, no record will appear on a student's transcript. All added or dropped courses require the approval of the student's advisor and the vice president for academic affairs.

Students who wish to drop courses after 13 percent of class sessions have been completed must also consult with the instructor of the course. The instructor's signature on the drop form does not necessarily indicate that the instructor approves but that the student has consulted him or her. If a course is dropped after 13 percent of class sessions have been completed but before 69 percent of course sessions have been completed (normally, during weeks three through eleven of the fall and spring terms), a grade of W will appear on the student's transcript. Courses may not be dropped after 69 percent of course sessions have been completed (normally, after the eleventh week of a fall or spring term). Students who withdraw from the university after this date will receive grades of WP or WF.

The specific add/drop dates for all terms are published each semester by the Academic Office and in the Academic Calendar or may be obtained from the Office of the Registrar or from the Office of Academic Affairs. Fees are assessed for adding and dropping classes and for withdrawing from the university.

AUDITING COURSES Any person who has been officially admitted as a regular or special student may audit a course with the approval of the instructor and the vice president for academic affairs. Students auditing courses are subject to the same regulations as regular students with regard to registration, tuition, and attendance. However, they do not take examinations and do not receive course credit.

Other Forms of Academic Credit

TRANSFER CREDIT AND CORRESPONDENCE AND/OR ONLINE CREDIT Courses may not be taken by students enrolled at Ozarks for transfer credit at another college or through correspondence and/or online credit without being first approved by the student's advisor, the chair of the division in which the course will count for credit, and the vice president for academic affairs, in whose office forms for this purpose are available. Short courses taken off campus will be approved only if they meet the standard for summer courses offered on campus. No more than nine hours of correspondence and/or online credit may be counted toward a degree. To receive credit for transfer or correspondence and/or online courses, students must earn at least a grade of C-. A maximum of sixty-six hours may be transferred from community or junior colleges. Students must provide documentation to the registrar that grades of "Pass" in such courses represent grades of C- or better (or, in the absence of a letter grade, a 70 percent average or higher). Such documentation might include a citation from the institution's catalog, the course syllabus, or an official letter from the instructor, dean, or registrar of the institution documenting that the grade of "Pass" does indeed signify a grade of C- or better in the course. To receive credit for transfer or correspondence and/or online courses, the institution which grants the credit must be accredited by a regional accrediting agency, or an international institution recognized by the Ministry of Education of that country, and students must earn at least a grade of C-.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) Ozarks recognizes the College Level Examination Program (CLEP) as a method of establishing credit by examination. A maximum of thirty hours of credit may be earned in this manner. Students wishing to take examinations must obtain prior approval from the chair of the division in which credit is to be granted. The CLEP exam passed and credits earned will be indicated on a student's transcript, but these will not be considered when calculating grade point averages. The courses for which CLEP credit is given and the minimum-score requirements are available in the office of the vice president for academic affairs. A charge is made to have a CLEP credit placed on a transcript. Students should contact the Career Development Center to register for a test.

ADVANCED PLACEMENT (AP) High school students who have completed one or more

college-level courses through the Advanced Placement Program may receive college credit. Test scores prepared by the Educational Testing Service should be sent directly to the registrar. The AP exam passed and credits earned will be indicated on a student's transcript, but these will not be considered when calculating grade point averages. The courses for which AP credit is given and the minimum-score requirements are available in the office of the vice president for academic affairs.

INTERNATIONAL BACCALAUREATE COURSES (IBO) The University of the Ozarks gives elective credit and credit for some individual courses to students who have received a 5 or higher on higher-level examinations. Students who have received a 5 or higher on standard-level examinations in some mathematics courses may also be eligible for credit. Acceptance of credits may be subject to review, and credits may not exceed five courses (15 to 16 hours). Please contact the admissions office for more information.

COMPOSITION I EXEMPTION EXAM Students who pass an exemption examination administered by the English faculty earn credit in Composition I. This examination is given during freshman orientation, and students must preregister at the designated time in order to be eligible to take this examination.

Other Academic Policies

ACADEMIC ADVISING Upon enrollment to the University, all students will be assigned a faculty advisor; for freshmen, the advisor will be the Critical Inquiry instructor, and for transfer students other than freshmen, the advisor will be a faculty advisor from within the discipline of their major. When a student formally declares a major, he or she must select an advisor from within the discipline of the major. If the student remains undeclared, then not later than the end of the second semester the student may be assigned to a general advisor. Students should formally declare a major and select an advisor from within the discipline of the major by the end of the sophomore year. If the student declares a double major or declares a minor in a discipline different from the major, then he or she must have a secondary advisor in the second discipline. Each student will meet with his or her advisor prior to registration to plan or confirm the student's class schedule. However, the advisor's role does not end with registration. During the course of the year, the advisor is available for conferences with the student on academic and other matters. Any requests for departure from specific university policy must be initiated by the student through his or her advisor. Declaration/Change of Major and/or Change of Advisor forms are available in the Registrar's Office.

ACT 1014 AND THE EIGHT-SEMESTER ACADEMIC PLAN In compliance with Act 1014 of the Regular Session of the 85th General Assembly for the State of Arkansas, 2005, the University of the Ozarks makes available to each incoming freshman who declares a major a written eight consecutive semester course study for that major, signed by the vice president for academic affairs, guaranteeing that the student who meets all of the specified terms and conditions and who completes in a satisfactory and timely way all of the requirements set forth will be able to complete his or her degree in eight

consecutive semesters. This eight consecutive semester course of study is subject to the following terms and conditions:

- Declaration of major at the start of the fall semester of the freshman year.
- Regular admission to the University of the Ozarks that does not restrict the number of credits that the student may take in any given term.
- No developmental courses required because of the student's academic record.
- Satisfactory academic progress that includes: (a) completion with a passing grade of all courses in the four-year plan of study as outlined; (b) completion of all courses in the major (and minor, if any) with a grade of at least C-; (c) passing all required screenings, if any, on time (e.g., admission to teacher education); (d) maintaining a 2.00 or higher grade-point-average on all college-level work attempted at Ozarks; or (e) maintaining a minimum of 2.75 cumulative grade-point-average for the Arkansas Challenge Scholarship, or maintaining a minimum of 3.00 cumulative grade-point-average for the Arkansas Governor's Scholarship, or maintaining a minimum of 3.25 cumulative grade-point-average for the Arkansas Governor's Distinguished Scholarship on all college-level work attempted at Ozarks.
- Completion of at least 124 college-level credit hours within eight consecutive semesters (normally, done by completing 15-17 college-level credit hours per semester).
- Completion of all core, distribution, and major requirements as outlined in the catalog of entry, which is incorporated herein by reference and made a part hereof.
- Completion of a minimum of 40 upper-level credit hours.
- Completion of the last 30 credit hours in residence at Ozarks.
- Fulfillment of other graduation requirements listed in the catalog, such as the portfolio requirement and the application for graduation, which are incorporated herein by reference and made a part hereof.
- Continuation in this same declared major throughout the eight consecutive semesters.
- No minor or second major, unless stipulated as part of the plan of study.

These eight consecutive semester courses of study appear in this catalog under each major.

ACADEMIC CALENDAR The Ozarks calendar includes two sixteen-week semesters, fall and spring; two three-week summer sessions, Summer I and III; and a six-week summer session, Summer II.

ACADEMIC CLASSIFICATION Students are normally classified on the basis of the number of credit hours they have completed. Those who have completed 29 hours or fewer are classified as freshmen; those between 30 and 59, as sophomores; those between 60 and 89, as juniors; and those 90 hours or more, as seniors.

ATTENDANCE Since class activities for each course have been specifically designed to enable students to meet the objectives of the course, class attendance is necessary. Attendance policies will be explained by the instructor at the beginning of each semester and will be printed in the class syllabus. When students are absent for any reason, they are expected to confer with their instructor concerning

the possibility of being allowed to make up work. When excessive absences put students' grades in jeopardy, they will be notified by the vice president for academic affairs and are subject to automatic dismissal with a grade of F.

COURSE LOADS In order to be considered full-time, students must be enrolled in at least 12 hours during the normal fall and spring terms; three hours during the Summer I or Summer III sessions; six hours during the Summer II session; or six hours during concurrent summer sessions.

Students who have a documented disability on file in either the Jones Learning Center or Student Support Services may petition the vice president for academic affairs prior to the start of the semester to take nine (9) hours for full-time status. (Enrolling in fewer than 12 hours during fall or spring terms may affect financial aid.)

The maximum course load, during the summer terms, is (1) one classroom course of 3 hours and one activity course during the three-week sessions, or (2) two classroom courses of 3-5 hours each and one activity course during the six-week sessions, or (3) courses in concurrent sessions totaling 6 hours. Work approved to be taken by correspondence or concurrently at other institutions is included in this maximum. However, work taken at other institutions during later summer sessions will be considered through the transfer credit approval process. Exceptions to these loads require approval of the student's advisor and the vice president for academic affairs.

ACCOMMODATION FOR DISABILITIES Students with documented disabilities may request reasonable accommodation for those disabilities in their courses. Accommodations are of two types. The first, accommodative services, such as note takers, calculators, and alternative testing, may be arranged through the Jones Learning Center or Student Support Services. The second type of accommodation, course substitution, will be based on the stated purpose of the course requirement. No course substitution will be considered until the student has attempted the course for which the substitution is requested or a developmental course leading to the requirement. If the student is unsuccessful, the student must file a petition with the vice president for academic affairs, who then appoints a committee consisting of the division chair, all faculty teaching in the area, and the director of the Jones Learning Center or the director of Student Support Services to review the petition. This accommodation is available only to students with documented disabilities that would prevent them from completing a required course. Students requesting accommodation must contact the director of the Jones Learning Center, the director of Student Support Services, or the vice president for academic affairs for information regarding the documentation required and the procedures for requesting accommodation. The University of the Ozarks will comply with the provisions of Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (PL 101-336) of 1990.

Jones Learning Center

The Jones Learning Center is an academic support unit that provides comprehensive services for students who have specific learning disabilities or attention deficit disorder. It assists students in reaching their academic potential and enhances their self-awareness, independence, and ultimate employability. It provides academic support that complements the university's regular services and programs. Its specialized services, provided for a fee, far exceed the services required by law and available to all students with disabilities. Services are based on each student's individual needs as determined by his or her psycho-educational evaluation. These services allow students to participate fully in all academic programs and assist them in making the transition to independent learning.

Ozarks is committed to achieving equal educational opportunity and full participation for persons with disabilities. The university admits applicants with learning disabilities who are otherwise qualified through its standard admission process. However, otherwise qualified applicants with specific learning disabilities may choose to utilize services of the learning center for an additional fee. These applicants must apply for admission to the center and meet learning center criteria. Applicants with specific learning disabilities who are not otherwise qualified may apply to the university contingent upon participation in the learning center.

To be considered for admission to the university through the Jones Learning Center, applicants must submit a completed application packet. Once an application is complete, the learning center selection committee will review the file to determine whether the applicant will be scheduled to come to the center for a psycho-educational evaluation to assess whether he or she is an appropriate candidate for admission. To determine this, the committee considers three questions: 1) does the applicant demonstrate the cognitive ability deemed necessary to perform at an adequate level in the academic program at Ozarks; 2) is the applicant's primary disability a specific learning disability or an attention deficit disorder; and 3) does the applicant's profile suggest a good match for the program offered by the learning center. The fee for the evaluation varies according to the amount of testing needed. If it is determined that there is an appropriate match, an applicant may be eligible for admission. Because of the extensive application process, students are encouraged to apply early during the fall semester of their senior year of high school. The center subscribes to the definition of learning disabilities proposed by the National Joint Committee on Learning Disabilities.

Intended Student Outcomes for the Jones Learning Center

Program Mission

We provide a unique academic support service for those who have a learning disability and/or attention deficit disorder and want to enhance their quality of life by attaining a liberal arts education while developing skills to become independent learners.

JLC Intended Student Outcomes (ISOs)

ISO 1: Students will develop and use organizational and time management skills

ISO 2: Students will enhance self-advocacy skills

ISO 3: Students will gain knowledge of individual academic strengths and weaknesses while enhancing academic performance

ISO 4: Students will enhance compensatory strategies to improve academic performance

Academic Disciplines

Accounting

See Business Enterprise section.

Art

The study of art has long served as a foundation for humanity's most noble and expressive tendencies. The art curriculum at Ozarks reflects the history and application of ideas through visual expression. Student intellectual development is fostered through creative problem solving, abstract thinking, and critical analysis. The liberal arts tradition provides all students with opportunities to both study and create art. Specialized workshops such as Raku Pottery, a visiting artist program with exhibits representing a wide spectrum of fields, and summer programs such as the Ozark Woodland Sculpture Garden project provide unique collaborative as well as interactive learning environments. Social skills are further enhanced through participation in Art Club projects, group critiques, and trips to museums and galleries. Students not only learn about art but also learn how to communicate effectively about visual art content. Cultural art forms reflect moral and ethical issues throughout time and the artist's creative response. Through the study of and making of art, students are engaged in learning and responding to the content and complexity of human experience.

ISOs of the Art Program

1. Graduates will have a sophisticated understanding of past and current movements, styles, and artists that have influenced the historical development of art.
2. They will be able to create 2-D and 3-D works of art with a level of both technical and creative mastery appropriate for entering juried competitions or for pursuing internships or employment in art-related fields.
1. They will be able to apply the knowledge of basic design elements and principles to a meaningful critique of their own art as well as that of others.
2. They will develop, through their art courses and through co-curricular programs the qualities we expect of all Ozarks students: an ability to think critically and to solve problems creatively, to communicate effectively, a knowledge of human culture, and an awareness of one's responsibilities to oneself, humanity, the planet, and one's creator.
3. They will be prepared to pursue advanced study in graduate or professional schools, to enter the elementary and secondary school systems, or to pursue other positions both within and outside the field.

Major A major in art consists of the following course work:

- ART 1013 Basic Design
 - ART 2013 Drawing I
 - ART 2033 Ceramics I
 - ART 2053 Painting I or ART 2093 Watercolor
 - ART 2073 Sculpture I
 - ART 2113 Art History I
 - ART 2123 Art History II
 - ART 2203 Printmaking I or ART 2303 Graphic Design
 - ART 3003 Drawing II
 - ART 4093 History of Modern Art
 - ART 4401 Senior Exhibit
- Nine hours of electives in art approved by the student's art advisor

A student should emphasize one of the following areas either in choosing his or her elective courses: drawing, ceramics, painting, printmaking, or sculpture. A student's portfolio of work will be evaluated after he or she has completed twelve hours in studio art.

Minor A minor in art consists of the following:

- ART 1013 Basic Design
 - ART 2013 Drawing I
 - ART 2113 Art History I
 - ART 2123 Art History II
- Nine hours of electives in art approved by the student's art advisor

Licensure Requirements Students may seek teacher licensure by fulfilling the requirements for a bachelor of arts in art. Art students seeking licensure are urged to take a wide variety of studio courses, including ceramics, sculpture, painting, and photography. They are encouraged to fulfill their Natural Science requirements with a biology course and either Physical Science, Earth Science, or Astronomy. In addition to these requirements, the following professional education sequence must be completed:

- EDU 3312 Teaching Internship I
- EDU 2003 Education and the Growth of the American Republic
- SPE 2013 Survey of Exceptionalities in Today's World
- EDU 4403 Educational Assessment
- EDU 3053 Principles of Learning and Teaching
- EDU 4312 Teaching Internship II
- *EDU 3043 or EDU 3033

*Prospective art teachers may receive either P-8 or 7-12 licensure. Those seeking the former must complete EDU 3043, Elementary Art Methods; those seeking the latter must complete EDU 3033, Secondary Art Methods. See the Education Division for further details.

BA Degree: Eight Consecutive Semester Course of Study

For the Major of ART

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR – 31 HOURS

Fall Semester (15 credit hours)

- Basic Design
- 1 Art Elective
(Ceramics I OR Watercolor OR Printmaking I)
- Critical Inquiry
- Composition I

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester (16 credit hours)

- Drawing I
- 1 Art Elective
(Ceramics II* OR Graphic Design)
- Composition II

SOPHOMORE YEAR – 32 HOURS

Fall Semester (16 credit hours)

- Art History I
- 1 Art Elective
(Ceramics I OR Sculpture I OR Painting I)

Either Semester:

- Portfolio evaluation after 12 hours studio art
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

Spring Semester (16 credit hours)

- Art History II
- Drawing II
- 1 Art Elective
(Ceramics II* OR Sculpture II* OR Photography)

JUNIOR YEAR – 31 HOURS (emphasis area should be determined)

Fall Semester (15 credit hours)

- Modern Art History
- Either 2D Studio I or 3D Studio I (possibly both)
- 1 Art Elective

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

Spring Semester (16 credit hours)

- Contemporary Art History
- Figure Drawing I
- 2 Art electives

SENIOR YEAR – 30 HOURS

Fall Semester (15 credit hours)

- 2D Studio I or 3D Studio I (possibly both)
- 1 – 2 Art Elective(s)

Either Semester:

- General electives to total 15 hours

Spring Semester (15 credit hours)

- Senior Exhibit
- 2 Art electives

**Prerequisite required*

For students starting in the fall semester of an **odd numbered year** (e.g. 2005)

FRESHMAN YEAR – 31 HOURS

Fall Semester (15 credit hours)

- Basic Design
- Art History I
- 1 Art Elective (Ceramics I OR Painting I)
- Critical Inquiry
- Composition I

Spring Semester (16 credit hours)

- Drawing I
- Art History II
- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR – 32 HOURS

Fall Semester (16 credit hours)

- Modern Art History
- 2 Art electives
(Ceramics I OR Watercolor OR Sculpture I OR Printmaking I)

Spring Semester (16 credit hours)

- Drawing II
- Contemporary Art History
- 1 Art elective
(Ceramics II* OR Sculpture II* OR Graphic Design)

JUNIOR YEAR – 31 HOURS (emphasis area should be determined)

Fall Semester (15 credit hours)

- 2D Studio I OR 3D Studio I (possibly both)
- 1 – 2 Art elective(s)
(Sculpture I OR Advanced Ceramics* OR Painting I/II*)

Spring Semester (16 credit hours)

- Figure Drawing I
- 1 – 2 Art elective(s)

Either Semester:

- General Education courses from Distribution Requirements to total 15 or 16 hours

Either Semester:

- Portfolio evaluation after 12 hours studio art
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

SENIOR YEAR – 30 HOURS

Fall Semester (15 credit hours)

- 2D Studio I OR 3D Studio I (possibly both)
- 1 – 2 Art elective(s)

Spring Semester (15 credit hours)

- Senior Exhibit
- 2 – 3 Art electives

Either Semester:

- General electives to total 15 hours

**Prerequisite required*

BA Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of ART

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR – 31 Hours

Fall Semester (15 credit hours)

- Basic Design
- 1 Art elective
(Ceramics I OR Watercolor OR Printmaking I)
- Critical Inquiry
- Composition I

Spring Semester (16 credit hours)

- Drawing I
- 1 Art elective
(Ceramics II* OR Graphic Design)
- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Biology with Lab
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR – 32 Hours

Fall Semester (16 credit hours)

- Art History I
- 1 Art elective
(Ceramics I OR Sculpture I OR Painting I)
- Elementary Language I (Recommended)

Spring Semester (16 credit hours)

- Art History II
- Drawing II
- 1 Art elective
(Ceramics II* OR Sculpture II* OR Photography)
- Elementary Language II (Recommended)

Either semester:

- Portfolio evaluation after 12 hours studio art
- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR – 31 Hours (emphasis area should be determined)

Fall Semester (16 or 17 credit hours)

- Modern Art History
- Either 2D Studio I or 3D Studio I (possibly both)
- 2 Art electives
- Principles of Learning and Teaching

Spring Semester (16 or 17 credit hours)

- Contemporary Art History
- Figure Drawing I
- 2 Art electives
- Educational Assessment

Either Semester:

- Physical Science, Earth Science, or Astronomy
- General Education courses from Distribution Requirements to total 16 or 17 hours

SENIOR YEAR – 30 Hours

Fall Semester (15 credit hours)

- 2D Studio I or 3D Studio I (possibly both)

Spring Semester (15 credit hours)

- Senior Exhibit

- 1 – 2 Art elective(s)
- Elementary Art Methods or Secondary Art Methods
- Internship I
- General electives to total 16 or 17 hours
- Praxis II, Application for Internship II
- Internship II

*Prerequisite Required

For students starting in the fall semester of an **odd numbered year** (e.g. 2005)

FRESHMAN YEAR – 31 Hours

Fall Semester (15 credit hours)

- Basic Design
- Art History I
- 1 Art Elective (Ceramics I OR Painting I)
- Critical Inquiry
- Composition I

Spring Semester (16 credit hours)

- Drawing I
- Art History II
- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Biology with Lab
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR – 32 Hours

Fall Semester (16 credit hours)

- Modern Art History
- 2 Art electives
(Ceramics I OR Watercolor OR Sculpture I OR Printmaking I)

Spring Semester (16 credit hours)

- Drawing II
- Contemporary Art History
- 1 Art elective
(Ceramics II* OR Sculpture II* OR Graphic Design)

Either Semester:

- Portfolio evaluation after 12 hours studio art
- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR – 31 Hours (emphasis area should be determined)

Fall Semester (15 credit hours)

- 2D Studio I OR 3D Studio I (possibly both)
- 2 Art electives
(Sculpture I OR Advanced Ceramics* Or Painting I/II*)
- Principles of Learning and Teaching

Spring Semester (16 credit hours)

- Figure Drawing I
- 2 Art electives
- Educational Assessment

Either Semester:

- General Education courses from Distribution Requirements to total 15 or 16 hours

SENIOR YEAR – 30 Hours

Fall Semester (16 or 17 credit hours)

- 2D Studio I OR 3D Studio I (possibly both)
- 2 Art electives
- Elementary Art Methods or Secondary Art Methods
- Internship I
- General electives to total 16 or 17 hours
- Praxis II, Application for Internship II

**Prerequisite required*

Spring Semester (14 credit hours)

- Senior Exhibit
- Internship II

Courses

ART 1013 Basic Design A course intended to introduce students to the basic elements of design in both two-dimensional and three-dimensional media.

ART 2003 Photography An introduction to the fundamentals of photography, including pictorial composition, lighting, camera techniques, developing and printing, enlarging, and evaluation of pictures.

ART 2013 Basic Drawing I A basic course designed to make the student aware of the possibilities of graphic expression employing various media, methods and techniques. The student must have had some prior drawing experience or an innate talent. Prerequisite: ART 2013 required for ART 3003 Drawing II.

ART 2033 Ceramics I A basic course in fundamental methods of hand-building and wheel throwing. Prerequisite: ART 2033 required for ART 3033 Ceramics II.

ART 2053 Painting I A basic course in which the student studies the principles and techniques in various media such as oil, acrylic, mixed media. The study of design, color mixing and composition is very important. Subject matter is an individual choice whether completely nonobjective or realistic. Students are graded on progress with a minimum standard set. Prerequisite: ART 2053 required for ART 3053 Painting II.

ART 2073 Sculpture I A basic introduction to the methods involved in three-dimensional work as well as compositional problems. Prerequisite: ART 2073 required for ART 3073 Sculpture II.

ART 2093 Watercolor Development of skills in watercolor painting using transparent and opaque media. Prerequisite: 2053 Painting I, or permission of the Instructor.

ART 2113 Art History I A historical survey of western art from prehistory through the gothic period.

ART 2123 Art History II A historical survey of western art from the early Renaissance through

the late nineteenth century.

ART 2203 Printmaking I A basic course in which the student studies the principles and techniques of the printmaking processes such as intaglio, relief and monotype. Only black and white procedures will be explored.

ART 2303 Graphic Design Development and training in major computer design software to create graphic images. This course will also explore design formats used in commercial art applications. Prerequisite: ART 1013 Basic Design.

ART 3003 Drawing II An intermediate course to explore various media methods and techniques beyond the elementary level of drawing. Prerequisite: ART 2013 Basic Drawing I.

ART 3013-3023 Figure Drawing I-II As implied, students work from the live draped figure. It is important to understand that the curvilinear lines in the figure form one of the most elemental ways of relating drawing skills to all other media, including printmaking, ceramic, sculpture design and commercial art. Prerequisite: ART 3013 required for ART 3023.

ART 3033 Ceramics II Introduction of wheel throwing techniques. Prerequisite: ART 2033 Ceramics I.

ART 3053 Painting II Exploration of advanced techniques in oil and acrylic painting while students develop their own ideas. Prerequisite: ART 2053 Painting I.

ART 3073 Sculpture II An intermediate level course, which allows the student to perfect basic skills while exploring specific themes in 3D media. Prerequisite: ART 2073 Sculpture I.

ART 3203 Printmaking II Further investigation of various printmaking processes. This course will also introduce color procedures and refinement of subject and theme. Prerequisite: ART 2203 Printmaking I.

ART 3213 2-D Studio I A course designed to give advanced students experience in studio work, to allow them to experiment in a variety of two-dimensional media, and to build a portfolio of their own work. Prerequisites: ART 1013 Basic Design, ART 2013 Basic Drawing I, ART 2053 Painting I, or ART 2093 Watercolor, and permission of the Instructor.

ART 3223 2-D Studio II A continuation of 2-D Studio I. Prerequisite: ART 3213 2-D Studio I.

ART 3313 3-D Studio I A course designed to give advanced students experience in studio work, to allow them to experiment in a variety of three-dimensional media, and to build a portfolio of their own work. Prerequisites: ART 1013 Basic Design, ART 2033 Ceramics I, or ART 2073 Sculpture I, and permission of the Instructor.

ART 3323 3-D Studio II A continuation of 3-D Studio I. Prerequisite: ART 3313 3-D Studio I.

ART 4013-4023 Figure Drawing III-IV The figure is the basis for further exploration of types of drawing using the curvilinear line. This can be applied to completely abstract work as well as realism. Good drawings can be entities in themselves as long as the visual statement is innovative, creative and original. Prerequisite: ART 4013 required for ART 4023.

ART 4093 History of Modern Art This is a study of changing styles from the late 19th century through the current schools that reflect our society and environment.

ART 4233 2-D Studio III A continuation of 2-D Studio II. Prerequisite: ART 3223 2-D Studio II.

ART 4243 2-D Studio IV A continuation of 2-D Studio III. Prerequisite: ART 4233 2-D Studio III.

ART 4333 3-D Studio III A continuation of 3-D Studio II. Prerequisite: ART 3323 3-D Studio II.

ART 4343 3-D Studio IV A continuation of 3-D Studio III. Prerequisite: ART 4333 3-D Studio III.

ART 4401 Senior Exhibit The culmination of a student's work in the art program featuring, among other requirements, an exhibition in Stephens Gallery. Prerequisite: Senior status.

Biology

Biology is the systematic study of life. In this major, students learn the scientific answers to the question "What is life?" The curriculum is flexible and should be tailored to students' individual career goals. It is anticipated that most students in this major will continue their studies in graduate or professional schools.

ISOs of the Biology Program

1. Students will communicate effectively in professional scientific formats.
2. Students will think critically when they read scientific literature, solve problems, and when they design and conduct experiments and interpret their data.
3. Students will acquire a broad knowledge of science.
4. Students will demonstrate awareness of their responsibilities by examining and developing standards of ethics and integrity appropriate for professional biologists, respecting the diversity of life, and contributing to the welfare of their community and ecosystem.

5. Students will be prepared to pursue advanced study in graduate and professional schools, or to acquire careers in secondary school education or biology related professions (such as with government agencies, environmental consulting firms, and in health care and biotechnology industries).

Major A **bachelor of science** in biology requires the following:

Biology Core

BIO 1214	Principles of Biology I
BIO 1324	Principles of Biology II
BIO 2014	Zoology
BIO 2124	Botany
BIO 3024	Genetics
BIO 4004	Biology Thesis

Students must take at least three of the six Biology Options courses.

Biology Options:

BIO 3234	Principles of Ecology
BIO 4234	Lichenology
BIO 3134	Microbiology
BIO 4024	Molecular and Cellular Biology
BIO 3444	Vertebrate Physiology
BIO 4543	Animal Behavior

A student may petition to consider substituting certain appropriate biology courses occasionally offered at Ozarks or those in marine biology offered at the Gulf Coast Research Laboratory for Senior Research and/or Biology Options. Petition must be made before the course is taken to assure consideration.

Additional Requirements

CHM 1014	General Chemistry I
CHM 1024	General Chemistry II
CHM 2104	Survey of Organic Chemistry or CHM 3014 Organic Chemistry I
One mathematics course above MTH 1033, College Algebra	
One physics course	

A **bachelor of arts** in biology requires the following:

BIO 1104	Biology Concepts
BIO 1324	Principles of Biology II
BIO 2014	Zoology
BIO 2124	Botany
BIO 3024	Genetics
Sixteen hours of upper-level biology electives (excluding Tutorial Practicum)	

In addition, each student seeking a bachelor of arts in biology must complete a minor in an area other than the natural sciences.

Minor Students may earn a minor in biology by taking 19 hours of biology courses, at least 7 hours of which must be upper-level. Tutorial Practicum may not be counted toward a minor in biology.

Licensure Requirements Students pursuing a bachelor of science in life science may seek teacher licensure by fulfilling the following specific requirements:

BIO 1324	Principles of Biology II
BIO 2014	Zoology
BIO 2124	Botany
BIO 3024	Genetics
BIO 3434	Principles of Ecology
BIO 3444	Vertebrate Physiology
Three hours or more of upper-level biology electives	
CHM 1024	General Chemistry II
PHY 2014	College Physics I
PHY 2024	College Physics II
CHM 3014	Organic Chemistry I or CHM 2104 Survey of Organic Chemistry
one mathematics course above MTH 1033, College Algebra	

Students seeking licensure in this area are required to fulfill their Natural Science requirements with BIO 1214 Principles of Biology I, and CHM 1014 General Chemistry I. In addition to these requirements, the following professional education sequence must be completed:

EDU 3312	Teaching Internship I
EDU 2003	Education and the Growth of the American Republic
SPE 2013	Survey of Exceptionalities in Today's World
EDU 4403	Educational Assessment
EDU 3053	Principles of Learning and Teaching
EDU 4312	Teaching Internship II
EDU 3083	Classroom Techniques in Secondary Science or EDU 4443 Combined Secondary Methods

See the Education Division for further details

BA Degree (Pre-Med, Pre-Vet): Eight Consecutive Semester Course of Study

for the Major of BIOLOGY

FRESHMAN YEAR

Fall Semester (16 hours)

- College Algebra* or no math if ACT is 23+
- Biology Concepts
- Composition I
- Critical Inquiry

Spring Semester (17 hours)

- Trigonometry* or no math if math ACT is 25+
- Principles of Biology II
- Composition II

Either Semester:

- Basic Oral Communication
- General Education courses from Distribution to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- Zoology
- Calculus I* (if ACT is 25+ and no math taken)

Spring Semester (16 or 17 hours)

- Botany
- Minor Elective**

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses to total 16 or 17 hours

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Genetics
- Upper-Level Biology elective
- Minor elective**

Spring Semester (16 or 17 hours)

- Upper-Level Biology Elective
- Minor elective(s)**

Either semester:

- General Education from Distribution or elective courses to total 16 or 17 hours

SENIOR YEAR

Fall Semester (16 or 17 hours)

- Upper-level Biology elective
- Minor elective(s)**

Spring Semester (16 or 17 hours)

- Upper-Level Biology elective
- Minor Elective(s)**

Either Semester:

- Elective hours to total 16 or 17 hours

**Students pursuing the B.A. degree in Biology are required to complete one mathematics course to satisfy the General Education Core requirement, and either one additional math or one additional science course to satisfy the Natural Science & Mathematics Distribution requirement. The level at which the student begins a math sequence may be determined by the ACT score.*

***Students pursuing the B.A. degree in Biology are required to complete a minor in an area other than the natural sciences.*

BS Degree (Pre-Med, Pre-Vet): Eight Consecutive Semester Course of Study

for the Major of BIOLOGY

*For students in the major with a **MATH ACT SCORE of 23** or greater:*

FRESHMAN YEAR

Fall Semester (16 hours)

- NO MATH
- Principles of Biology I (essential)
- General Chemistry I (very important)
- Composition I
- Critical Inquiry

Spring Semester (17 hours)

- Trigonometry (no math if math ACT is 25+)
- Principles of Biology II (essential)
- General Chemistry II
- Composition II

Either Semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- Zoology (essential)
- Organic Chemistry I
- Calculus I, or Fundamentals of Inferential Statistics
- College Physics I (suggested)

Spring Semester (16 or 17 hours)

- Botany (essential)
- Organic Chemistry II (suggested)
- Biology Elective or Core/Distribution
- College Physics II

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

*For students in the major with a **MATH ACT SCORE of 21-22:***

FRESHMAN YEAR

Fall Semester (17 hours)

- College Algebra (essential)
- Principles of Biology I (essential)
- Composition I
- Critical Inquiry

Spring Semester (16 hours)

- Trigonometry (essential)
- Principles of Biology II (essential)
- Composition II

Either Semester:

- Basic Oral Communication
- General Education hours from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- Zoology (essential)
- General Chemistry I (essential)
- Calculus I, or Fundamentals of Inferential Statistics, or PHY 2014 College Physics I (suggested, or Biology Option elective

Spring Semester (16 or 17 hours)

- Botany (essential)
- General Chemistry II (essential)
- Additional math, or College Physics II, or Biology Option elective

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education hours from Distribution Requirements to total 16 or 17 hours

All students in the major:

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Genetics
- Organic Chemistry (if not taken previously)
- General Physics I OR College Physics I (suggested)
OR Biology Option elective

Spring Semester (16 or 17 hours)

- Biology Option Elective OR Biology Thesis (or both)
- Organic Chemistry II (if not taken previously) (suggested)
- General Physics II OR College Physics II (suggested)

Either semester:

- General Education hours from Distribution Requirements, or general electives or BIO 3891-3 internship to total 16 or 17 hours

SENIOR YEAR

Fall Semester (16 or 17 hours)

- Biology Thesis (if not taken previously)
- Biology Elective

Spring Semester (16 or 17 hours)

- Biology Thesis (if not taken previously)
- Biology Elective

Either Semester:

- General Education hours from Distribution Requirements, or elective courses to total 16 or 17 hours

BS Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of Biology

*For students in the major with a **MATH ACT SCORE of 23** or greater:*

FRESHMAN YEAR (34 hours)

Fall Semester (17 hours)

- NO MATH
- Principles of Biology I (essential)
- General Chemistry I (very important)
- Composition I
- Critical Inquiry

Spring Semester (17 hours)

- Trigonometry
- Principles of Biology II (essential)
- General Chemistry II
- Composition II

Either Semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR (34 hours)

Fall Semester (17 hours)

- Zoology (essential)
- Organic Chemistry I
- Calculus I, or Fundamentals of Inferential Statistics
- College Physics I (suggested)

Spring Semester (17 hours)

- Botany (essential)
- Organic Chemistry II (suggested)
- Biology Elective
- College Physics II

Either Semester:

- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 17 hours
- Praxis I exam, Application to Teacher Education Program

*For students in the major with a **MATH ACT SCORE of 21-22:***

FRESHMAN YEAR (34 hours)

Fall Semester (17 hours)

- College Algebra (essential)
- Principles of Biology I (essential)
- Composition I
- Critical Inquiry

Spring Semester (17 hours)

- Trigonometry (essential)
- Principles of Biology II (essential)
- Composition II

Either Semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 17 hours

SOPHOMORE YEAR (34 hours)

Fall Semester (17 hours)

- Zoology (essential)
- General Chemistry I (essential)

Spring Semester (17 hours)

- Botany (essential)
- General Chemistry II (essential)

- Calculus I, or Fundamentals of Inferential Statistics, or PHY 2014 College Physics I (suggested), or Biology Option elective
- Additional math, or College Physics II, or Biology Option elective

Either Semester:

- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- *World Civilization I or Humanities I*
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 17 hours
- Praxis I exam, Application to Teacher Education program

All students in the major:

JUNIOR YEAR

Fall Semester (17 hours)

- Genetics
- Organic Chemistry (if not taken previously)
- General Physics I OR College Physics I (suggested) OR Biology Option elective
- Principles of Learning & Teaching

Spring Semester (17 hours)

- Biology Option elective OR Biology Thesis (or both)
- Organic Chemistry II (if not taken previously) (suggested)
- General Physics II OR College Physics II (suggested)
- Educational Assessment

Either semester:

- Principles of Ecology
- Vertebrate Physiology
- General Education courses from Distribution Requirements, or general electives, or BIO 3891-3 hours internship to total 17 hours

SENIOR YEAR

Fall Semester (16 or 17 hours)

- Biology Thesis (if not taken previously)
- Two Biology electives
- Classroom Techniques in Secondary Science or Combined Secondary Methods
- Internship I
- General electives to total 17 hours

Spring Semester (14 hours)

- Biology Thesis (if not taken previously)
- Internship II

Courses

BIO 1104 Biology Concepts An introductory course which deals with the basic concepts of biology. Topics include the nature of science, the nature of life, evolution, ecology, diversity, genetics, plant biology, and animal biology. This course satisfies the minimum requirements in general education, and is the basic prerequisite for all biology courses. There is one 2-hour laboratory per week.

BIO 1214 Principles of Biology I An introductory course for students wanting to major or minor

in Biology. The course deals with basic biological ideas and begins the process of developing skills necessary in the sciences. Topics include the nature of science, the nature of life, evolution, taxonomy, plant and animal form and function, and ecology. This course satisfies the minimum requirements in general education and is the basic prerequisite for all biology courses. There is one 3-hour laboratory per week.

BIO 1324 Principles of Biology II This course is a detailed study of the origins, structure and function of the basic unit of life on Earth, the cell, and the technology used to study cells. Lecture topics include the following: the chemical evolution of life; the chemicals of cells, cell reproduction and molecular genetics; the cell's organelles and energy, and an introduction to histology and immunology. There is one 3-hour laboratory per week. Prerequisite: BIO 1104 Biology Concepts, or BIO 1214 Principles of Biology I.

BIO 2014 Zoology This is a basic study course built around a systematic study of the vertebrate and invertebrate forms of the animal kingdom. The student is guided through an integrated study of taxonomy, ecology, morphology, physiology, and phylogeny of representatives of the phyla of animals. There is one 3-hour laboratory per week. Prerequisite: BIO 1104 Biology Concepts, or 1324 Principles of Biology II.

BIO 2124 Botany A basic study course surveying the diversity, structure, physiology, uses, and significant adaptations of the plant kingdom and related kingdoms. Special attention is devoted to the flowering plants and their relevance to humans. There is one 3-hour laboratory per week. Prerequisites: BIO 1104 Biology Concepts and one additional Biology course, or BIO 1214 Principles of Biology I and one additional Biology course.

BIO 2223 Human Physiology Human physiology was developed to provide a fundamental understanding of the systems and organs relevant for human physical activity. Discussions will include the cardiovascular system, muscular system, respiratory physiology and digestion.

BIO 3024 Genetics The principles of inheritance in plants and animals are presented with special attention devoted to the specific aspects of human heredity. The goal of this course is to give the student a broad background in the science of heredity. The course includes the general topics of history of genetics, Mendelian genetics, molecular genetics, and population genetics. There is one 3-hour laboratory per week. Prerequisites: BIO 1104 Biology Concepts and BIO 1324 Principles of Biology II, or BIO 1214 Principles of Biology I and BIO 1324 Principles of Biology II. Recommended: BIO 2014 Zoology or BIO 2124 Botany.

BIO 3134 Microbiology A general course designed for biology majors and those in pre-professional training. This course will acquaint students with the diversity, structures, and functions of microscopic organisms as related to their medical, immunological, and environmental significance, with special emphasis on bacteria. Safety procedures, culture techniques, and identification of microorganisms will be emphasized. There is one 3-hour laboratory per week. Prerequisites: one 2000-level biology laboratory course and CHM 1014 General Chemistry I.

BIO 3234 Principles of Ecology This is an introductory course exploring the interrelations of organisms and the environment. Species interactions, populations, communities, biomes, the physical environment, and ecosystems will be discussed. Ecological technologies, principles, and techniques will be applied in local field laboratories. There is one 3-hour laboratory per week. Prerequisite: BIO 2124 Botany.

BIO 3444 Vertebrate Physiology This is an upper-level course in physiology--the study of the mechanisms by which organisms function--for students preparing for careers in health or to continue their education in professional and graduate schools. The function of the human body is highlighted, but other vertebrates are studied, also. The main topics discussed are homeostasis, metabolism, thermoregulation, nerve and sensory physiology, hormonal controls, kidney and cardiovascular function. There is one 3-hour lab per week. Prerequisites: BIO 1324 Principles of Biology II and CHM 1014 General Chemistry I. Recommended: BIO 2014 Zoology.

BIO 4004 Biology Thesis (rotating topic) This course is designed to be the culmination of the course of study for B.S. Biology majors. Students in this course will receive instruction in specific experimental techniques, design, data analysis, literature research and presentation methods. With the guidance of the professor, the students will design and conduct their own research projects and present a professional report of their findings to their peers. Prerequisites: at least two upper-level biology courses and Senior classification, or permission of the Instructor.

BIO 4024 Molecular and Cellular Biology This course is designed to be the culmination of the course of study for Biology majors in the areas of Molecular and Cellular Biology. This course will include advanced topics in molecular and cellular biology including but not limited to: Molecular genetics, cell and molecular methods, cell organization and cell social contexts. Prerequisites: BIO 1324 Principles of Biology II, one 2000 level Biology laboratory course, CHM 3014 Organic Chemistry I, and Junior classification or permission of the Instructor.

BIO 4054 Embryology This is the study of animal development, including human, from gamete formation to hatching or birth of the new individual. Students study the theories and concepts as well as the anatomy and physiology involved in the ultimate expression of genetic information. Laboratory emphasizes microscope study of embryonic anatomy and histology, supplemented with films and experiments. Prerequisite: BIO 3024 Genetics.

BIO 4234 Lichenology This is an upper-level applied botany course that investigates the anatomy, physiology, and taxonomy of lichens. The course will also explore the relationship between the fungi and algae that form the lichen symbiosis. A survey of other cryptogamic organisms will also be presented. This course is application intensive and will include field trips and laboratory experiences. Prerequisites: BIO 2124 Botany and CHM 1024 General Chemistry II.

BIO 4333 Anatomy The content of this course is the same as PHE 2013 Anatomy, but with additional assignments and/or different exams.

BIO 4432 Anatomy Laboratory In this course students will practice the art of dissection. They will learn anatomical terminology, find, identify and learn to recognize the structures and organs, and their anatomical and functional relationships in the vertebrate body. By comparing different individuals and species, students will gain an understanding of human anatomy, the variation among individuals and the similarities among different but related species. This laboratory requires approximately five to six hours each week. Prerequisites: Junior class rank and permission of the Instructor. PHE 2013 Anatomy or BIO 4333 Anatomy is highly recommended.

BIO 4543 Animal Behavior This course is about the questions biologists ask, how they test their hypotheses with model species in laboratory experiments and on wild species in field experiments, the causes of behaviors that have been discovered, and the general types of behaviors that animals exhibit. The course emphasizes the comparative approach to biology to understand the evolutionary, genetic and physiological causes of behavior as well as the role of the physical and social environments. Because humans share some ancestors, genes, anatomy and physiology with other animals, students will learn about what motivates, stimulates and controls their own behavior, too. Prerequisites: One Biology course and Junior classification or permission from the Instructor.

Business Administration

See Business Enterprise section.

Business Enterprise

As an integral part of the University of the Ozarks, the Business Enterprise program aims to develop competent, assertive, business leaders within a safe, Christian, student-centered, and aesthetically pleasing environment. In accordance with the overall mission of the University of the Ozarks, the Business Enterprise program strives to develop leaders who seek the richness of life provided by study of the liberal arts and the quality of life provided by professional preparation.

Our programs emphasize Christian values, high ethical standards, and the development of student leadership, communication, human relations, and critical thinking skills in a non-proselytizing environment. Professors stress connections to other fields and areas of study, and students have an opportunity to interact with faculty and peers outside the classroom. The business faculty believes that a proper attitude and lifelong learning are vital components of success.

Business Program Goals and Intended Student Outcomes

- Prepare students for graduate studies and/or careers in business-related fields
 - To accomplish this goal, students will demonstrate competency in the following intended student outcomes for the major
 - Knowledge and comprehension of a core set of business concepts
 - Knowledge and comprehension of an area of concentration
 - Critical thinking through analyzing problems, applying theory, synthesizing information, and evaluating business policy and actions
 - Oral communication
 - Written communication
 - Computer software applications
 - Working with others in a team
 - Conducting research
 - Develop students professionally
 - To accomplish this goal, students are expected to develop and place on file with their business academic advisor a
 - Personal code of ethics
 - Professional Development Form, including mission, goals and objectives, strategies, and a career path
 - Encourage co-curricular activities that enhance leadership development
 - To accomplish this goal, students are expected to assume
 - An active leadership role in a campus or community organization, and/or
 - An active leadership role in Future Business Leaders of America-Phi Beta Lambda, and/or Students in Free Enterprise

Degree Programs

Students may choose from six major plans of study leading to the Bachelor of Science: Accounting, Business Administration, Business Technology Education, Economics, Management, and Marketing; and one major plan of study leading to the Bachelor of Arts: Business Administration. Minors are offered in Accounting, Business Administration, Economics, Management, and Marketing. The International Assembly for Collegiate Business Education (IACBE), the premier specialized business accrediting body for small to mid-sized, four-year, teaching-oriented colleges and universities, accredits the above degree programs.

Special Program Features

- **Baldor Executive-in-Residence Program** Established in 1997, this program is designed to help bridge the gap between the practice of business and the study of business. Its mission is to bring top-level business executives and leaders to campus for interaction with students.

- **Donald W. Reynolds Governor’s Cup for Entrepreneurial Development** U of O students compete in an undergraduate business plan competition designed to encourage students of Arkansas' universities and colleges to act upon their ideas and talents.
- **Future Business Leaders of America-Phi Beta Lambda** FBLA-PBL is a national association of collegiate students with an interest in business and entrepreneurship. Its mission is to bring business professionals and students together in a positive working relationship through innovative leadership and career development programs. Two important features of the association are (1) to help students develop the leadership, professional, and social skills necessary for success in the business world, and (2) to provide students opportunities to test their knowledge of business-related disciplines through academic competitions with peers throughout the United States. U of O’s FBLA-PBL and SIFE student organizations work together to help students build the kinds of work-related skills, attitudes, and behaviors employers seek.
- **International Student Exchange Program** U of O is among 10 IACBE accredited colleges and universities participating in an international business exchange program. The student exchange program is European-based.
- **Microsoft Certification** University of the Ozarks is an authorized Microsoft Office Specialist Testing site. Students with Office Specialist certifications may place this information on their resumes.
- **Students in Free Enterprise** SIFE emphasizes the ideas that hard work pays, free markets work, democracy leads to prosperity, and freedom brings social responsibility. SIFE provides leadership training, regional competitions and career opportunity fairs for thousands of college students throughout 20 countries. U of O’s SIFE and FBLA-PBL student organizations work together to help students build the kinds of work-related skills, attitudes, and behaviors employers seek.
- **Study Tours in Business** U of O students have an opportunity to study business and culture abroad through a cooperative arrangement with Jamestown College.
- **Varsity Sales Internship Program** In cooperation with Varsity Company – International, LLC, the University of the Ozarks offers three separate summer sales internships (Sales Fundamentals and Internship, Sales Management and Internship, and Seminar in Sales Training and Internship). The initial week involves 45 hours of classroom instruction in sales and sales management. This is followed by a field experience of 10 – 12 weeks. A designated professor from the University of the Ozarks evaluates each student with the assistance of appropriate personnel from the company. The University of the Ozarks awards the course grade and three semester hours of credit.

Accounting

The accounting major is designed to provide students with the knowledge and tools necessary to enter graduate school or to begin a career in private accounting. The course requirements include a broad base of general business subjects and a selection of advanced accounting topics. The development of problem-solving skills grounded in accounting theory and practice is stressed. The Arkansas State Board of Accountancy requires that students planning to sit for the CPA Exam in 1998 and subsequent years have 150 semester hours of college course work, including a baccalaureate degree and a concentration in accounting. Courses selected beyond the requirements for the Bachelor of Science degree should be utilized for the purposes of professional development. Aside from courses listed in the business core, a course may not be used to satisfy the requirements of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair. Internship/practicum credit does not count toward satisfying major/minor requirements.

Major A major in accounting requires 30 hours of the business core and an additional 24 hours of accounting concentration:

Business Core

Three of the following 1-hour courses:

BSA 1011	Word Processing*
BSA 1021	Spreadsheets*
BSA 1031	Database*
BSA 1041	Graphics*
ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I
BSA 4003	Business Finance (Capstone)
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)
MKT 1003	Marketing Concepts

* One or more of these courses may be waived with the approval of the division chair if the student passes a competency exam. Consult the division office for details.

Accounting Concentration

ACC 3103	Intermediate Accounting I
ACC 3203	Intermediate Accounting II
ACC 3213	Cost Accounting
ACC 4103	Advanced Accounting I

ACC 4123 Auditing

ACC 4213 Corporate Income Tax Accounting

Six hours of advisor and division chair approved accounting electives.

Minor The accounting minor is designed to enhance a student's chosen major by providing an exposure to selected accounting practices. A minor in accounting requires 18 hours selected by the student and a business advisor, with approval from the business division chair.

BS Degree: Eight Consecutive Semester Course of Study for the Major of ACCOUNTING

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Spring Semester

- Principles of Accounting II

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Microeconomics
- Principles of Macroeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

JUNIOR YEAR: 31 HOURS

Fall Semester

- Intermediate Accounting I
- Business Statistics I

Spring Semester

- Intermediate Accounting II
- Cost Accounting

Either Semester:

- The Legal Environment of Business I
- Three-Hour of Accounting Elective
- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

SENIOR YEAR: 31 HOURS

Fall Semester

- Advanced Accounting I
- Corporate Income Tax Accounting
- Business Finance

Spring Semester

- Auditing
- Business Strategy

Either Semester:

- Three-Hour Accounting Elective
- General electives to total 15 or 16 hours

Courses

ACC 2003 Principles of Accounting I Basic principles of accounting theory for proprietorships. Theory of the accounting cycle, debit and credit, books of original entry, ledgers, working papers, and financial statements are presented.

ACC 2013 Principles of Accounting II A continuation of Principles of Accounting I with an emphasis in corporation accounting. Includes financial statement analysis, accounting for stocks and bonds, and partnership considerations. Prerequisite: ACC 2003 Principles of Accounting I.

ACC 3103 Intermediate Accounting I Intermediate accounting theory for the balance sheet accounts covering plant and equipment, intangible assets, long-term liabilities, and capital accounts. Also, the structure and principles followed in preparing the income statement and statement of changes in financial position. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 3113 Governmental Accounting A consideration of the basic procedures underlying the treatment of the public and government accounts and of the scope and nature of financial statements for governments, schools, and hospitals. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 3123 Managerial Accounting An introduction to basic cost concepts and functions with an emphasis on applications in a managerial setting. Through this course students use accounting data to aid management in planning, coordinating, controlling, and decision-making. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 3203 Intermediate Accounting II A continuation of Intermediate Accounting I. A study of intangible assets, deferred charges, long-term debt, capital stock, retained earnings, statement of change in financial position, leases, price level and fair-value accounting, and analysis of financial position. Prerequisite: ACC 3103 Intermediate Accounting I.

ACC 3213 Cost Accounting A study of the elements of production under the job cost, process cost, and standard cost systems; inventory of materials; payrolls and taxes; budgets; wage plans; and other related topics. Prerequisite: ACC 3103 Intermediate Accounting I.

ACC 4013 Accounting Information Systems A study of selected topics within the accounting discipline that relate to the impact of advances in information technology on the performance of accounting functions within an organization. The selected topics discuss how accountants can improve the design and functioning of an accounting information system so that it truly adds value to the organization. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 4103 Advanced Accounting I A study of complex accounting theory and problems relating to partnerships, corporations, joint ventures, consignments, consolidations, and mergers. Prerequisite: ACC 3203 Intermediate Accounting II.

ACC 4113 Personal Income Tax Accounting A study of the Federal Income and Social Security taxes with emphasis on the determination of taxable income for individuals. Special emphasis will be placed on preparing returns under Federal and Arkansas income tax statutes. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 4123 Auditing This course is designed to be the culmination of the student's accounting studies. Through this capstone experience, students will complete a major auditing project and a comprehensive exam to demonstrate knowledge of the discipline. The course content is a study of audit procedure and techniques, working papers and audit reports, internal controls, auditing problems and opinions, legal responsibilities, and professional ethics in the accounting field. Prerequisites: Senior status, and Instructor and Division Chair permission.

ACC 4203 Advanced Accounting II A continuation of Advanced Accounting I with emphasis on parent-subsidiary relationships, consolidation financial statements, home-office and branch accounting, and international operations. Prerequisite: ACC 4103 Advanced Accounting I.

ACC 4213 Corporate Income Tax Accounting A study of Federal tax laws as applied to partnerships and corporations: gift taxes, estate taxes, and excise taxes. Prerequisite: ACC 2013 Principles of Accounting II.

ACC 4223 CPA Problems A review of problems relating to preparation for the CPA examination. Emphasis on all four examination parts: practice, auditing, law, and theory. Prerequisite: ACC 4103 Advanced Accounting I.

Business Administration

Ozarks offers both a bachelor of arts and a bachelor of science in business administration. These majors are designed to provide students with the fundamental principles and theories of the basic areas of business and with an area of concentrated study in a minor of the student's choice. The bachelor of arts program prepares the student for graduate school. The Bachelor of Science program prepares them for self-employment or for entry-level positions in business and business-related areas. Both degrees require the business core. Aside from courses listed in the business core, a course may not be used to satisfy the requirements of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair. Internship/practicum credit does not count toward satisfying major/minor requirements.

Business Core

Three of the following 1-hour courses:*

* *One or more of these courses may be waived with the approval of the division chair if the student passes a competency exam. Consult the division office for details.*

BSA 1011	Word Processing
BSA 1021	Spreadsheets
BSA 1031	Database
BSA 1041	Graphics
ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I
BSA 4003	Business Finance (Capstone)
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)
MKT 1003	Marketing Concepts

For the **bachelor of arts**, the following courses are required:

MTH 2015	Calculus I
PHL 2043	Logic
ENG 3112	Writing for Business and Economics
MGT 3203	Organizational Behavior
BSA 1061	Software for Statistical Analysis
Six hours of foreign language	
An approved three-hour upper-level research course	

For the **bachelor of science**, the following courses are required:

ACC 3123/MGT 3313	Managerial Accounting
BSA 3033	Business Statistics II
An 18-hour University minor or 18 hours of specified business courses (of which an emphasis may be specified) selected by the student, and approved by a business advisor and division chair.	

Minor A minor in business administration is designed to complement majors offered by other divisions of the university. The student may choose exposure to the theories and practices of accounting, economics, communication, management, marketing, statistics, law, or finance. A minor in business administration requires 18 hours selected by the student and a business advisor, with approval from the business division chair.

BA Degree: Eight Consecutive Semester Course of Study for the Major of Business Administration

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Foreign Language (Elementary I)
- Foreign Language (Elementary II)
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Spring Semester

- Principles of Accounting II

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

JUNIOR YEAR: 31 HOURS

Fall Semester

- Business Statistics I
- Organizational Behavior
- Calculus I

Spring Semester

Either Semester:

- Writing for Business and Economics
- The Legal Environment of Business I
- One-Hour SPSS Software Course
- General Education courses from Distribution Requirements to total 15 or 16 hours

SENIOR YEAR: 31 HOURS

Fall Semester

- Business Finance

Spring Semester

- Business Strategy

Either Semester:

- Logic
- Three Hours of Approved Research Methods
- General electives to total 15 or 16 hours

BS Degree: Eight Consecutive Semester Course of Study for the Major of Business Administration

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Composition II

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Principles of Accounting II

JUNIOR YEAR: 31 HOURS

Fall Semester

- Business Statistics I
- Managerial Accounting

Either Semester:

- The Legal Environment of Business I
- Nine Hours of Minor Requirements or Business Advisor/Division Chair-Approved electives
- General Education from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Business Statistics II

SENIOR YEAR: 31 HOURS

Fall Semester

- Business Finance

Either Semester:

- Nine Hours of Minor Requirements or Approved Business Advisor/Division Chair-Approved electives
- General electives to total 15 or 16 hours

Spring Semester

- Business Strategy

Courses

BSA 1011 Word Processing A study of word processing in the business environment. Topics to be covered include planning, creating, formatting and editing the document, creating and importing pictures and data, working with extended documents, and utilizing advanced techniques.

BSA 1021 Spreadsheets A study of the use of spreadsheets in the business environment. Topics to be covered include planning and creating the spreadsheet, entering formulas and data, editing and formatting the spreadsheet, graphing data, and utilizing advanced spreadsheet techniques.

BSA 1031 Database A study of the use of databases in the business environment. Topics to be covered include planning and creating the database, entering data, sorting and retrieving data, joining databases, generating reports, and utilizing advanced database techniques.

BSA 1041 Graphics A study of the use of graphics in the business environment. Topics to be covered include developing a graphics presentation, using the automation features of a graphics package, importing clip art, importing from the Internet, utilizing sound and movement in a presentation, and developing a solid understanding of the major features of the graphics program.

BSA 1051 Software for Personal Information Management A study of the use of personal information management in the business environment. Topics to be covered include email, calendar, contacts, and other related tasking functions concerning the management of personal information through software applications.

BSA 1061 Software for Statistical Analysis A study of the use of software for statistical analysis in the business environment. Topics include entering data, modifying data values, sorting and selecting data, as well as performing additional statistical procedures on data.

BSA 3003 Business Communications A study of communications as related to business. Letters of application, claims and adjustments, inquiry, collections, recommendations, sales letters, and the format of business reports are included in this course. Prerequisite: Junior status and Division Chair permission.

BSA 3013 The Legal Environment of Business I An introduction to the legal environment in which businesses operate. Topics include the foundations of the American legal system, employment and labor law, consumer protection, contracts, and the social responsibility of business. Prerequisite: Junior status and Division Chair permission.

BSA 3023 Business Statistics I A study of statistical methods and interpretation employed in business including graphic methods, measures of central tendency, probability sampling, and relative and index variables. Prerequisite: MTH 1033 College Algebra (or higher).

BSA 3033 Business Statistics II A study of the formulation of hypothesis testing, time series

analysis, regression, and correlation analysis, chi-square, forecasting methodology, variance analysis, and decision theory. Prerequisite: BSA 3023 Business Statistics I.

BSA 3053 Introduction to Entrepreneurship Explores the role and function of the entrepreneur, gives an overview of starting a new business, assesses one's interest, capabilities and views. Other topics include opportunity identification, legal considerations, insurance, exporting opportunities and franchising, government regulations, and startup mechanics. Prerequisite: MGT 2003 Survey of Management

BSA 3223 The Legal Environment of Business II A study of the law related to sales, negotiable instruments, commercial paper, secured transactions, agency, real property, trusts and estates. Prerequisite: BSA 3013 The Legal Environment of Business I.

BSA 4003 Business Finance This is the first of two courses (Business Finance, Business Strategy) designed to be the culmination of the student's Business Core studies. Through this first course in the Business Core capstone sequence, the student will complete a financial analysis project on a company or organization to demonstrate knowledge of the discipline. The course content is a study of the financial policies of the business enterprise including financial analysis and forecasting, working capital and current asset management, sources of short-term and long-term financing, capital budgeting, common and preferred stock financing, debt financing, and cost of financing. Prerequisites: Senior status, and Instructor and Division Chair permission.

BSA 4013 SBI Practicum A hands-on study of the activities and problems of a real small business enterprise. Students enrolled in the course will perform services to approved U.S. Small Administration businesses. The primary focuses of the class are to assist small businesses in problem areas and to provide students with the opportunity to gain first-hand knowledge of small business problems. Prerequisite: Permission of the Instructor.

BSA 4303 Business Ethics A study of the relationships among profits, business ethics, and expectations of the general society. Issues include performance and ethics, ethics in corporate culture and policy, social commitment and responsibility, power, communication, and development of personal and corporate ethics. Prerequisite: Instructor permission.

Business Technology Education

The business technology education major is designed to meet Arkansas State licensure requirements for secondary business education teachers. The program is offered in conjunction with the Education Division. Aside from courses listed in the business core, a course may not be used to satisfy the requirements of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair. In addition to other graduation requirements, the following professional education sequence must be completed:

Professional Education

EDU 2003	Education and Growth of the American Republic
EDU 3053	Principles of Learning and Teaching
EDU 3312	Teaching Internship I
EDU 4023	Methods of Teaching Business or EDU 4443 Combined Secondary Methods
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
SPE 2013	Survey of Exceptionalities in Today's World

Business Specialty Area**Business Core Classes**

ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I
BSA 4003	Business Finance (Capstone)
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
MKT 1003	Marketing Concepts
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)

Business Technology Concentration

BSA 1021	Spreadsheet
BSA 1031	Database
BSA 1041	Graphics
BSE 2343	Word/Information Processing

Three hours of business advisor and division chair approved electives.

See Education Division for further details.

**BS Degree: Eight Consecutive Semester Course of Study
for the Major of Business Technology Education**

FRESHMAN YEAR: 32 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Spreadsheets/Database/Graphics
- General Education courses from Distribution Requirements to total 16 hours

SOPHOMORE YEAR: 32 HOURS

Fall Semester

- Principles of Accounting I

Spring Semester

- Principles of Accounting II

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Education and the Growth of the American Republic
- Survey of Exceptionalities in Today's World
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 16 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR: 32 HOURS

Fall Semester

- Business Statistics I
- Business Finance

Spring Semester

- Business Strategy

Either Semester:

- The Legal Environment of Business I
- Three Hours of Approved Business electives
- Word/Information Processing
- General Education courses from Distribution Requirements or general electives to total 16 hours

SENIOR YEAR: 29 HOURS

Fall Semester

- Methods of Teaching Business or Combined Secondary Methods
- Principles of Learning and Teaching
- Educational Assessment
- Internship I
- General electives to total 16 hours
- Praxis II, Application for Internship II

Spring Semester

- Internship II

Courses

BSE 2333 Advanced Keyboarding Development of competent speed, accuracy, and production skills. Business simulations with emphasis on office standards of achievement. Offered on demand.

BSE 2343 Word/Information Processing Introduction of basic concepts of word processing as a systems approach. Emphasis will be directed to office automation systems that can connect for an integrated information processing system. Offered on demand.

Economics

The curriculum of the economics major is designed to enable the student to contribute to a more abundant life, both for oneself and the community; and to promote perspective and balanced judgment in analyzing and interpreting current economic problems by studying the development of economic movements and theories. The principles underlying contemporary economic organizations, the problems of labor, and the problems of the consumer are considered.

Students intending to pursue graduate work in economics will find a background in mathematics helpful, and are encouraged to complete Calculus I as an Area III distribution requirement. Aside from courses listed in the business core, a course may not be used to satisfy the requirement of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair.

Internship/Practicum credit does not count toward satisfying major/minor requirements.

Major A major in economics requires 30 hours of the business core and an additional 24 hours of specified economics concentration:

Business Core

ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
Three of the following 1-hour courses: *	
BSA 1011	Word Processing
BSA 1021	Spreadsheets
BSA 1031	Database
BSA 1041	Graphics
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I

* One or more of these courses may be waived with the approval of the division chair if the student passes a competency exam. Consult the division office for details.

BSA 4003	Business Finance (Capstone)
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)
MKT 1003	Marketing Concepts

Economics Concentration

BSA 3033	Business Statistics II
ECN 3103	Intermediate Macroeconomic Theory
ECN 3203	Intermediate Microeconomic Theory
ECN 3303	Money and Banking
ECN 4213	Comparative Economic Systems (Capstone)

Nine hours of business advisor and division chair approved economics electives

Minor A minor in economics is designed to complement a student's chosen major by providing a concentrated study in the theories of economics. A minor requires 18 hours of business advisor and division chair approved economics electives.

BS Degree: Eight Consecutive Semester Course of Study for the Major of ECONOMICS

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Composition II

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Principles of Accounting II

JUNIOR YEAR: 31 HOURS

Fall Semester

- Business Statistics I
- Intermediate Macroeconomic Theory
- Money and Banking

Either Semester:

- The Legal Environment of Business I
- Three-Hour of Economics Elective
- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

Spring Semester

- Business Statistics II
- Intermediate Microeconomic Theory

SENIOR YEAR: 31 HOURS

Fall Semester

- Business Finance

Either Semester:

- Six Hours of Economics electives
- General electives to total 15 or 16 hours

Spring Semester

- Comparative Economic Systems
- Business Strategy

Courses

ECN 2003 Principles of Macroeconomics A study of aggregate economic performance with emphasis on national income, stabilization and growth, business cycles, monetary and fiscal policy, savings, consumption and investment, the multiplier effect, inflation, and current economic topics.

ECN 2013 Principles of Microeconomics A study of the fundamental business organizations of the American economy, supply and demand, the theory of price determination, the theory of income distribution, marginal utilities and costs, international trade, comparative economic systems, and current problems.

ECN 3003 International Political Economy An introduction to contending perspectives on the international political economy, production, money and finance, trade, development. Emphasis will be placed on current problems in international political economy. Prerequisite: PLS 2013 American National Government.

ECN 3103 Intermediate Macroeconomic Theory An expansion upon Principles of Macroeconomics with emphasis placed upon macroeconomic variables dealing with national income analysis, historical and recent macroeconomic theories, and current economic developments. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 3203 Intermediate Microeconomic Theory An extension of Principles of Microeconomics with emphasis placed upon microeconomic variables dealing with cost and placed upon microeconomic variables dealing with cost and revenue analysis, utility and indifference analysis, pricing, and institutions of competition. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 3303 Money and Banking A study of the principles of money and banking with consideration given to monetary policy, standards, and management, the Federal Reserve System, the commercial banking process, the U.S. Treasury, fiscal policy, and monetary legislation. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 3313 Current Economic Issues A study of selected topics of current interest in economics. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 3323 Managerial Economics Application of microeconomic theory/analysis in the context of managerial decisions. The specific aim is how the organization can create “value” for all constituents of a firm. Topics include: demand estimation, product and cost analysis, market structures, pricing, risk, and utilization of capital. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 3333 Labor Economics This course is a student of the relationship between capital and labor. Emphasis is given to topics of laboring classes, labor unions, and labor legislations. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 4003 International Law and Organization This course examines the status, effectiveness and growth of world legal order in a rapidly transforming state system. The nature and development of international law and institutions to address increased political, social, and economic interdependencies is emphasized. In particular, the development of regimes of human rights and environmental law are emphasized. Prerequisites: ECN 2003 Principles of Macroeconomics or ECN 2013 Principles of Microeconomics, and Junior status or Instructor permission.

ECN 4013 International Trade Law and Policy This course examines the legal and economic basis of trade in goods and services, investment and transfer of technology. A problems approach is applied to major issues of law and policy confronting the supplier, carrier, buyer, states and international institutions for regulation and advancement of trade and investment. Prerequisites: ECN 2003 Principles of Macroeconomics or ECN 2013 Principles of Microeconomics, and Junior status or Instructor permission.

ECN 4213 Comparative Economic Systems This course is designed to be the culmination of the student's economic studies. Through this capstone experience, students will complete a major economic project and a comprehensive exam to demonstrate knowledge of the discipline. The course content is a conceptual framework of study that examines international economic systems and how these systems interact in a global setting. Imbedded in the content is a review of the existing world economic environment and the implication of policy issues at a national/multinational level. Prerequisites: Senior status, and Instructor and Division Chair permission.

ECN 4323 Economic Theory A study of the leading economic theories from the mercantilist period of the seventeenth century to today. The economics of Adam Smith, Karl Marx, and David Ricardo, among others, are investigated. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

ECN 4303 Public Finance A study of the financing of government including sources of income, expenditures, administration of government funds, and economic effects of taxation. Prerequisites: ECN 2003 Principles of Macroeconomics and ECN 2013 Principles of Microeconomics.

Management

The curriculum of the management major is designed to provide a basic framework within which the management of human, physical, and capital resources occurs. In addition to studying a broad base of business topics, the student is exposed to a specialized curriculum emphasizing the study of information gathering, human relations, communication, production, and funding the organization. The management major prepares the student for graduate school, self-employment, or for entry-level positions in personnel, production, and other management-related areas. Aside from courses listed in the business core, a course may not be used to satisfy the requirements of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair. Internship/practicum credit does not count toward satisfying major/minor requirements.

Major A major in management requires 30 hours of the business core and an additional 24 hours of management concentration:

Business Core

Three of the following 1-hour courses:*

BSA 1011	Word Processing
BSA 1021	Spreadsheets
BSA 1031	Database
BSA 1041	Graphics
ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I
BSA 4003	Business Finance (Capstone)
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)
MKT 1003	Marketing Concepts

Management Concentration

MGT 3203	Organizational Behavior
MGT 4003	Management Seminar (Capstone)
MGT 4103	Production/Operations Management
MGT 4203	Management Information Systems
MGT 4223	Organizational Theory

* One or more of these courses may be waived with the approval of the division chair if the student passes a competency exam. Consult the division office for details.

Nine hours of advisor and division chair approved management electives

Minor A minor in management is designed to complement a student's chosen major by providing a concentrated study in the theories and practices of managing human resources, production, small businesses, or communication. A minor in management requires 18 hours selected by the student and a business advisor, with approval from the business division chair.

BS Degree: Eight Consecutive Semester Course of Study for the Major of MANAGEMENT

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Either Semester

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Composition II

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Either Semester

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Principles of Accounting II

JUNIOR YEAR: 31 HOURS

Fall Semester

- Business Statistics I
- Organizational Behavior
- Management Information Systems

Either Semester

- The Legal Environment of Business I
- Six Hours of Management electives
- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

Spring Semester

SENIOR YEAR: 31 HOURS

Fall Semester

- Business Finance

Either Semester

- Three-Hour Management Elective
- General electives to total 15 or 16 hours

Spring Semester

- Organizational Theory
- Production/Operations Mgt.
- Management Seminar
- Business Strategy

Courses

MGT 2003 Survey of Management An overview of basic management principles, organizational behavior and productions/operations management. A study of the management functions of planning, organizing, leading and control; the behavioral aspects of the individual, the team, and the organization; and the production/operations aspects of systems development, resource planning, job design, work measurement, and quality control.

MGT 3103 Human Resource Management A study of the staffing function in the organization. Topics include recruitment, selection, and training of employees, career development issues, performance appraisal, organization exit, employee compensation, labor-management relations, and government regulations. Prerequisite: MGT 2003 Survey of Management

MGT 3123 Supervisory Management A study of the first-line management theories and techniques. Topics include the delegation of authority, theories of leadership, models of leadership, time management, management styles, committees and group meetings, tactical decision-making, and resolving of employee problems. Prerequisite: MGT 2003 Survey of Management

MGT 3203 Organizational Behavior A study of behavioral aspects of the individual, the group, and the organization. Topics include motives, personality, perception, and learning, the content and process theories of motivation, job design, intragroup and intergroup behavior, power and conflict, decision making in groups, and job satisfaction. Prerequisite: MGT 2003 Survey of Management

MGT 3313 Managerial Accounting An introduction to basic cost concepts and functions with an emphasis on applications in a managerial setting. Through this course, students use accounting data to aid management in planning, coordinating, controlling, and decision-making. Prerequisite: ACC 2013 Principles of Accounting II.

MGT 4003 Management Seminar This course is designed to be the culmination of the student's management studies. Through this capstone experience, students will complete a major management project and a comprehensive exam to demonstrate knowledge of the discipline. The course content includes values, leadership, motivation, ethics, quality, human relations, and diversity. Prerequisites: Senior status, and Instructor and Division chair permission.

MGT 4013 Business Strategy This is the second of two courses (Business Finance, Business Strategy) designed to be the culmination of the student's Business Core studies. Through this second course in the Business Core capstone sequence, the student will conduct a strategic analysis on the company or organization studied in Business Finance. The course content examines the strategic problems of management with emphasis on case problems and solutions. Readings are assigned to acquaint students with significant business literature. Prerequisites: BSA 4003 Business Finance, Senior status, and Instructor and Division Chair permission.

MGT 4023 International Management A study of managing in a diverse and dynamic global

environment. Topics include: the international macroeconomic environment, collaborative business strategies, managing technology and knowledge, business ethics, and corporate responsibility.

Prerequisite: MGT 2003 Survey of Management.

MGT 4103 Production/Operations Management A study of the aspects of production and operations management including product and systems development, resource planning, facility location and layout, job design and work measurement, automation and process technology, forecasting, inventory and materials management, operations scheduling, and quality and cost control. Prerequisite: MGT 2003 Survey of Management.

MGT 4203 Information Systems A study of the concepts and issues relating to the design and implementation of management information systems. Specific emphasis on management report format and content, data collection, accumulation, storage techniques, and the computer as a tool in the management information system. Prerequisite: MGT 2003 Survey of Management.

MGT 4213 Managerial Communication A study of communication in organizations. Topics include the technological, human behavior, process, and organization models of communication, barriers to effective communication, flows of communication, formal and informal communication, and communication networks. Prerequisite: MGT 2003 Survey of Management.

MGT 4223 Organizational Theory A study of the theory of organization development and change. Topics include classical, contingency, and alternative organization theories, and planning for change. Prerequisites: MGT 2003 Survey of Management.

Marketing

The curriculum of the marketing major is designed to provide a basic framework within which the marketing decision-making process occurs. In addition to studying a broad base of business topics, the student is exposed to a specialized curriculum emphasizing the consumer, marketing research, communication, buying and selling practices, the marketing mix, and ethics. The marketing major prepares the student for graduate school or for employment in sales, marketing research, promotion, and other marketing-related careers. Aside from courses listed in the business core, a course may not be used to satisfy the requirements of two different majors within the Business Enterprise program. Overlapping courses found in the concentration areas must be substituted with other courses as approved by the student's advisor and the division chair. Internship/practicum credit does not count toward satisfying major/minor requirements.

Major The marketing major requires 30 hours of the business core and an additional 24 hours of marketing concentration:

Business Core:

Three of the following 1-hour courses:*

BSA 1011	Word Processing
BSA 1021	Spreadsheets
BSA 1031	Database
BSA 1041	Graphics
ACC 2003	Principles of Accounting I
ACC 2013	Principles of Accounting II
ECN 2003	Principles of Macroeconomics
ECN 2013	Principles of Microeconomics
BSA 3013	The Legal Environment of Business I
BSA 3023	Business Statistics I
BSA 4003	Business Finance (Capstone)
MGT 2003	Survey of Management
MGT 4013	Business Strategy (Capstone)
MKT 1003	Marketing Concepts

Marketing Concentration:

MKT 3103	Consumer Behavior
MKT 3123	Channel Strategies
MKT 3203	Product Strategies
MKT 4113	Promotion Strategies
MKT 4203	Marketing Research

Nine hours of advisor and division chair approved marketing electives.

Minor A minor in marketing is designed to complement a student's chosen major by providing a concentrated study in the theories and practices of product management, promotion, pricing, buying and selling, or research. A minor in marketing requires 18 hours selected by the student and a business advisor, with approval from the business division chair.

* One or more of these courses may be waived with the approval of the division chair if the student passes a competency exam. Consult the division office for details.

BS Degree: Eight Consecutive Semester Course of Study for the Major of MARKETING

FRESHMAN YEAR: 31 HOURS

Fall Semester

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- College Algebra
- Marketing Concepts
- Complete or Demonstrate Competency in any 3: Word/Graphics/Spreadsheets/Database
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Composition II

SOPHOMORE YEAR: 31 HOURS

Fall Semester

- Principles of Accounting I

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Principles of Macroeconomics
- Principles of Microeconomics
- Survey of Management
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester

- Principles of Accounting II

JUNIOR YEAR: 31 HOURS

Fall Semester

- Business Statistics I
- Consumer Behavior
- Channel Strategies

Either Semester:

- The Legal Environment of Business I
- Six Hours of Marketing electives
- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

Spring Semester

- Product Strategies

SENIOR YEAR: 31 HOURS

Fall Semester

- Business Finance
- Promotion Strategies

Either Semester:

- Three-Hour Marketing Elective
- General electives to total 15 or 16 hours

Spring Semester

- Business Strategy
- Marketing Research

Courses

MKT 1003 Marketing Concepts As the first course in the study of business, Marketing Concepts serves as an overview of the value creation process with emphasis placed on the external business environment. Topics include creating customer value and a study of the business environment including the competitive, cultural, technological, political, and natural environments. Emphasis will be placed on the manager's role in determining who the customer is in relation to making decisions about the marketing mix (product, price, place, and promotion) within the constraints of organizational resources.

MKT 3103 Consumer Behavior A study of the influences which affects consumers' decision making, including demographic and situational factors, social influences, psychological processes, information processing, and various mediating factors. Prerequisite: MKT 1003 Marketing Concepts.

MKT 3123 Channel Strategies A study of the strategies involved with the selection and maintenance of marketing channels including such middlemen as retailers, wholesalers, direct marketers, agents, distributors, and franchisers. Topics include motivation of middle-men; negotiation, pricing, and merchandising tactics; and physical distribution management. Prerequisite: MKT 1003 Marketing Concepts.

MKT 3133 Hospitality Marketing A study of the role of marketing in the dynamic hospitality and tourism industry with emphasis given to the service quality – value relationship. Topics include organizational buyer behavior, market segmentation, building customer loyalty, distribution and promotional as they apply to the tourism and hospitality industry. Prerequisite: MKT 1003 Marketing Concepts.

MKT 3203 Product Strategies A study of product quality, service quality, value pricing, brand and category management, packaging, and analyses of competition and customers. Readings and cases are used extensively. Prerequisite: MKT 1003 Marketing Concepts.

MKT 3303 Retailing A study of the methods and procedures used in the retail store including arrangements of merchandise, selling policies, store design and location, pricing strategies, and strategic marketing management. Prerequisite: MKT 1003 Marketing Concepts.

MKT 3413 Sales Fundamentals and Internship A study of the basic principles of sales success, sales theory, sales techniques, and role playing. The history of selling is emphasized along with the sales person's role in today's society. The course applies the study of sales to the sales situation. Summer only.

MKT 3423 Sales Management and Internship A study of the sales department, sales planning and forecasting quotas, territories performance standards, and analysis and control of distribution costs. In addition to an understanding of sales fundamentals and the mastery of selling skills, this course concentrates on the overall management of the sales process. Major concerns are organization and

planning of the sales process, motivation and goal setting, and analysis and cost control. This course attempts to build on the student's experience in personal selling by adding management understanding and skill. Prerequisite: MKT 3413 Sales Fundamentals and Internship. Summer only.

MKT 3433 Seminar in Sales Training and Internship A study is made of the most effective ways of training sales persons. The student is taught the responsibility of a sales trainer and fulfills this role through interacting with the sales training programs. This advanced course in sales training is intended for students with a relatively strong background in sales training and management. Prerequisite: MKT 3423 Sales Management and Internship. Summer only.

MKT 4113 Promotion Strategies A study of the promotion mix with emphasis on the planning aspects. Topics include the development of objectives and budgets for the promotion task. Advertising, sales promotion, publicity, as well as the techniques of personal selling, are emphasized in detail. Prerequisite: MKT 1003 Marketing Concepts.

MKT 4203 Marketing Research This course is designed to be the culmination of the student's marketing studies. Through this capstone experience, students will complete a major marketing project and a comprehensive exam to demonstrate knowledge of the discipline. The course content is a study of research techniques and their applications including the topics of theory construction, the research proposal, research design, measurement, scaling, sampling design, primary and secondary data collection, data preparation, research reporting, and marketing ethics. Prerequisites: Senior status, and Instructor and Division Chair permission.

MKT 4213 International Marketing A study of the process of globalization and the implications of globalization for businesses and their managers. Topics of concern include: Culture variables, economies, trade and investment policies, and marketing strategy. Prerequisite: MKT 1003 Marketing Concepts.

MKT 4303 E-Commerce As e-Business gains critical mass to be considered a primary segment of the Global economy, this course will consider the consumer attitudes and behavior explaining why e-business is meeting their needs and the strategic factors of successful entrants into this exciting segment. Prerequisite: MKT 1003 Marketing Concepts.

MKT 4313 Public Relations This course will provide an overview of the process of public relations, and practice in planning and using various public relations strategies. The course will take a values-oriented approach to public relations practice. Prerequisite: Instructor permission.

MKT 4323 Persuasion Theory A study of the psychological and social forces that influence people to change their beliefs, attitudes, or behavior. The course will provide an overview of persuasion theories from Aristotle to compliance-gaining and self-persuasion, with applications in a variety of fields. Prerequisite: Instructor permission.

Business Technology Education

See Business Enterprise section.

Chemistry

The **chemistry major** is designed primarily to prepare students for graduate studies in chemistry. It is also an appropriate major for premedical students or for students seeking to obtain positions as bachelor's-level chemists in industry.

ISOs for the Chemistry Major

1. Students will demonstrate proficiency in the mathematical and logical strategies employed in addressing problems of a chemical nature
2. Students will demonstrate the ability to report their scientific work in clearly written, well-organized prose consistent with the style of a professional chemistry journal
3. Students will develop their observational skills and attentiveness to the outward details of natural (especially chemical) processes
4. Students will become adept at using basic scientific equipment, as well as more sophisticated instruments used to study chemical phenomena
5. Students will develop ethical and safe work habits in the performance and design of scientific experiments, the collection of data, and the reporting of their findings
6. Students will become proficient in the techniques and procedures used to execute common chemical reactions
7. Students will demonstrate understanding of chemical phenomena and the principles that govern their behavior

Chemistry Requirements:

CHM 1014	General Chemistry I
CHM 1024	General Chemistry II
CHM 3014	Organic Chemistry I
CHM 3024	Organic Chemistry II
CHM 3034	Physical Chemistry I
CHM 3044	Physical Chemistry II
CHM 3104	Quantitative Chemical Analysis
Six hours of advisor-approved upper-division chemistry electives	

Additional Requirements:

MTH 2015	Calculus I
MTH 2024	Calculus II
MTH 3114	Calculus III

PHY 2114 General Physics I
PHY 2124 General Physics II

PHY 2014 College Physics I and PHY 2024 College Physics II, may be substituted for PHY 2114 General Physics I and PHY 2124 General Physics II with the approval of a student's chemistry advisor.

Minor Students may earn a minor in chemistry by taking CHM 1014 General Chemistry I and CHM 1024 General Chemistry II plus 11 additional hours approved by a chemistry advisor.

BS Degree: Eight Consecutive Semester Course of Study

for the Major of CHEMISTRY

FRESHMAN YEAR

Fall Semester

- General Chemistry I
- Calculus I, if Math ACT is 25 or higher-College Algebra if Math ACT is less than 25*. ***If Math ACT is less than 22, success in chemistry may be enhanced by taking CHM 1004** (if offered) concurrent with MTH 1033*
- Critical Inquiry
- Composition I
- **If offered, CHM 1004 Introduction to Chemistry as an elective if student is not ready for General Chemistry I

Spring Semester

- General Chemistry II
- Calculus II, if Calculus I was taken in the Fall-Trigonometry, if College Algebra was taken in the Fall
- Composition II
- **If offered, Survey of Organic Chemistry as an elective if student is not ready for General Chemistry II

Either Semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester

- Organic Chemistry I or General Chemistry I
- Calculus III, if Calculus II has been taken, or Calculus I, if College Algebra has been taken
- General Physics I or College Physics I

Spring Semester

- Organic Chemistry II or General Chemistry II
- No math if Calculus III has been completed, or Calculus II, if Calculus I has been taken
- General Physics II or College Physics II

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

JUNIOR YEAR

Fall Semester

- Physical Chemistry I, if offered or Upper Division Chemistry Elective, if Physical Chemistry I is not offered
- Advanced Organic Chemistry, if offered or Upper Division Chemistry Elective, if not offered. Or Organic Chemistry I

Spring Semester

- Physical Chemistry II, if offered, or Upper Division Chemistry Elective if Physical Chemistry II is not offered
- Quantitative Chemical Analysis, if offered, or Upper Division Chemistry Elective, if not offered. Or Organic Chemistry II

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester

- Physical Chemistry I, if offered, or Upper Division Chemistry Elective, if Physical Chemistry I is not offered
- Quantitative Chemical Analysis, if offered and not taken previously, or Upper Division Chemistry Elective

Spring Semester

- Physical Chemistry II, if offered, or Upper Division Chemistry Elective, if Physical Chemistry II is not offered
- Advanced Organic Chemistry, if offered and not taken previously, or Upper Division Chemistry Elective

Either Semester:

- General electives to total 16 or 17 hours

Courses

CHM 1004 Introduction to Chemistry Introduction to the basic concepts of chemistry for the student with no chemistry background who desires to obtain that background before enrolling in CHM 1014 General Chemistry I. Three hours lecture and three hours laboratory per week. Prerequisite: Consent of the Instructor. This course will not count toward a major in chemistry.

CHM 1014 General Chemistry I Introduction to chemistry with emphasis on the theoretical and descriptive aspects of the science. The use of problem-solving in understanding chemistry is stressed. No chemistry background is required. Three hours of lecture and three hours laboratory per week. Prerequisite or corequisite: MTH 1033 College Algebra or MTH 2015 Calculus I.

CHM 1024 General Chemistry II Continuation of CHM 1014. Continued introduction to the fundamental concepts of chemistry. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 1014 General Chemistry I. Prerequisite or corequisite: MTH 1043 College Trigonometry or MTH 2024 Calculus II.

CHM 2104 Survey of Organic Chemistry A one-semester overview of organic chemistry for biology majors and students in fields requiring a "short course" in organic chemistry. Emphasis on functional group chemistry. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 1024 General Chemistry II. This course will not count toward a major in chemistry.

CHM 3014 Organic Chemistry I Study of hydrocarbons with emphasis on reaction mechanisms, stereochemistry, and synthesis. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 1024 General Chemistry II.

CHM 3024 Organic Chemistry II Continuation of CHM 3014. Systematic study of functional group chemistry with continued emphasis on reaction mechanisms and organic synthesis. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 3014 Organic Chemistry I.

CHM 3034 Physical Chemistry I Introduction to theoretical chemistry. Topics will include kinetics and thermodynamics. Three hours lecture and three hours laboratory per week. Prerequisites: CHM 1024 General Chemistry II, MTH 2024 Calculus II, and PHY 2124 General Physics II (or PHY 2024 College Physics II with consent of the Instructor).

CHM 3044 Physical Chemistry II Continuation of CHM 3034. Topics will include quantum mechanics, chemical bonding, and molecular structure and spectra. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 3034 Physical Chemistry I.

CHM 3104 Quantitative Chemical Analysis An upper-level course in analytical chemistry emphasizing problem solving, experimental methods and techniques, analysis of error, and scientific writing. Topics include gravimetric, volumetric, electrochemical, and instrumental methods of chemical analysis. Two hours lecture and six hours laboratory per week. Prerequisite: CHM 3014 Organic Chemistry I.

CHM 4004 Advanced Organic Chemistry Continued study of organic chemistry with emphasis on reaction mechanisms and organic synthesis. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 3024 Organic Chemistry II.

CHM 4104 Biochemistry Introduction to the major classes of biological molecules and their chemistry in living systems. Three hours lecture and three hours laboratory per week. Prerequisite: CHM 2104 Survey of Organic Chemistry, or CHM 3024 Organic Chemistry II.

CHM 4991-3 Special Problems in Chemistry By special arrangement with the Instructor.

Communications

The communications major is designed to provide students with a balanced background in the study of the theories of communications, examination of specific communication skills, and opportunities to apply those skills and knowledge in both general and pre-professional situations. Courses for the major are designed to help students to think logically and creatively, to listen effectively, and to express their ideas in written or oral forms suitable for varied media-related situations.

ISOs for the Communications Major

The communications major at the University of the Ozarks strives to achieve the following student outcomes:

- 1) Students will develop career goals and a plan for professional development to reach those goals.
- 2) Students will think critically about messages (media or other) and the responsibilities of both the producers and receivers of those messages.
- 3) Students will demonstrate an ability to work with others in pre-professional settings (interpersonal effectiveness).
- 4) Students will produce written documents of professional quality.
- 5) Students will demonstrate good oral presentation skills.
- 6) Students will demonstrate mastery of media production skills.

7) Students will develop a personal code of ethics.

Major The requirements for a communications major are listed below:

COM 1013 Interpersonal Communication
COM 1023 Introduction to Mass Communication
COM 2073 Television Production
COM 4063 Ethical Issues in Mass Communication

Two of the following three courses:

COM 2053 Newswriting
COM 2063 Media Writing
COM 3183 Research Methods and Writing

Three one-hour practicum courses chosen in consultation with communications advisor. The student may take the three courses in one area or in different areas:

TV News Production (COM 1721-4721)
Radio Production (COM 1731-4731)
Documentary Production (COM 1741-4741)
Corporate Video Production (COM 1751-4751)
Forensics (COM 1761-4761)
Multimedia Practicum (COM 1771-4771)

Fifteen hours of Communications electives chosen in consultation with communications advisor:

Practicum courses and Tutorial Practicum may be taken for a maximum of 12 hours credit

Minor A minor in communications requires 18 hours of course work as specified below:

COM 2073 Television Production
COM 4063 Ethical Issues in Mass Communication

One of the following:

COM 1013 Interpersonal Communication
COM 1023 Introduction to Mass Communications

One of the following:

COM 2053 Newswriting
COM 2063 Media Writing
COM 3183 Research Methods and Writing

An additional six hours chosen in consultation with communications advisor.

BA Degree: Eight Consecutive Semester Course of Study

for the Major of COMMUNICATIONS

FRESHMAN YEAR (32 hours)

Fall Semester (16 credit hours)

- Critical Inquiry
- Composition I
- Interpersonal Communication

Spring Semester (16 credit hours)

- Composition II
- Introduction to Mass Communication
- TV Production (3 credit hour course)
- News Practicum (1 credit hour course)

Either Semester:

- Basic Oral Communication
- College Algebra
- Lab Science Course
- General Education courses from Distribution Requirements to total 16 hours

SOPHOMORE YEAR (32 hours)

Fall Semester (16 credit hours)

- Communications elective
- Communications writing course or Communications elective

Spring Semester (16 credit hours)

- Communications elective
- Communications elective
- Communications writing course or Communications elective

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

JUNIOR YEAR (33 hours)

Fall Semester (17 credit hours)

- Communications writing course or upper-level Communications elective
- Upper-level Communications elective

Spring Semester (16 credit hours)

- Ethical Issues or upper-level Communications elective
- Upper-level Communications elective

Either Semester:

- Practicum of at least 1 credit hour
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours (should include 12-15 upper-level hours for the year)

SENIOR YEAR (27-28 hours)

Fall Semester (15 credit hours)

- Upper-level Communications elective

Spring Semester (12 credit hours)

- Upper-level Communications elective

Either Semester:

- Senior Project* (3 or 4 hours, upon consultation with advisor)
- Ethical Issues in Mass Communication (if not previously completed)
- General electives to total 12 or 15 hours (must complete 40 upper-level hour requirement)

*Student may choose to complete a Senior Project of one semester (3 credit hours) or two semesters (4 credit hours) duration or to complete additional Practicum courses.

NOTE: Practicum courses and Tutorial Practicum may be taken for a maximum of 12 hours credit.

Courses

COM 1003 Basic Oral Communication Satisfies the professional education requirement for speech. A course designed to stress the importance of the spoken word and to increase the student's ability to communicate through effective speaking and listening. This course is part of the general education core and does not count toward a major in Communications. A basic course requirement offered every semester.

COM 1013 Interpersonal Communication A course which focuses on skills that impact the communication between people. Emphasis will be on the improvement of personal communication skills, such as listening, conflict management, and problem-solving.

COM 1023 Introduction to Mass Communication An introduction to the field of mass communications that includes historical development of media, current practices, and media literacy. Effects of mass media on society and critical analysis of the media are included.

COM 1721-4771 Practicum A student may earn one or more hours of credit for participation in a communications production activity. Practicum credit is offered in a variety of areas, including Television News Production and Radio Production. At least three one-hour classes are required for the major. Practicum courses and Tutorial Practicum may be taken for a maximum of 12 hours credit.

COM 1721-4721 Television News Production

COM 1731-4731 Radio Production

COM 1741-4741 Documentary Production

COM 1751-4751 Corporate Video Production

COM 1761-4761 Forensics Practicum

COM 1771-4771 Multimedia Practicum

COM 2033 Argumentation and Debate An overview of techniques used to reason and form a coherent argument to support one's position on an issue. The class will include study of both formal and informal modes of argument, focusing on written and spoken argument in a variety of contexts. Students will be required to write a position paper presenting and defending an argument and to participate in a debate on an issue of public interest.

COM 2053 Newswriting This basic course focuses on important principles and skills of newsgathering and news judgment. Students will learn to write basic news stories in broadcast, print and online styles. The class will be taught in a workshop format.

COM 2063 Media Writing A class in basic writing for the broadcast media. Included are scripts for commercials, public service announcements, promotional copy, and public relations materials.

COM 2073 Television Production A class that emphasizes basic television studio production techniques including camera operation and movements; lighting; audio production; in-studio

communications; and on-camera performance. Students will produce class projects. Concurrent enrollment in Television News Practicum is required for majors.

COM 2083 Small Group Discussion This course will examine various theories and methods used to facilitate discussion. A theoretical as well as practical approach to group process is presented.

COM 2093 The Art of Watching Film A course designed to encourage the development of the student's awareness and appreciation of film form and theory. Students are required to write and think critically about films viewed in class.

COM 2133 Voice and Diction Introduction to the phonetic alphabet, study of the processes of vocal production, and recognition and correction of substandard and regional elements in speech. Exercises for improvement of pronunciation and articulation are included.

COM 2193 Video Editing A course designed to focus on the technical and aesthetic applications of video editing in news and corporate production settings. Cuts-only, A/B Roll edit systems, and digital editing will be used by the student. An introduction to computer graphics will be included. (Prerequisites: COM 1721-4721 Television News Practicum, and COM 2073 Television Production)

COM 3033 Persuasion Theory A study of the psychological and social forces which influence people to change their beliefs, attitudes, or behavior. The course will provide an overview of persuasion theories ranging from Aristotle to compliance-gaining and self-persuasion, with applications in a variety of fields.

COM 3103 Interviewing in Professional Settings A course designed to prepare the student to conduct interviews and to practice being interviewed with applications in various business and communications settings.

COM 3183 Research Methods and Writing An introduction to a variety of research methods, with focus on quantitative methods. Emphasis will be placed on reporting the results of research in both writing and oral presentations. Prerequisite: ENG 1213 Composition II

COM 3203 Documentary Film and Video A course designed to examine the historical development of the documentary film genre. Various documentary films and videos will be screened and analyzed for form and content. Writing and discussion are integral parts of the course. Students are encouraged, but not required, to enroll in SS: 3781 Documentary Film Studies.

COM 3303 Radio Production Prerequisites: COM 2063 Media Writing and 1731-4731 Radio Practicum. A course designed to prepare the student to plan, write, produce, and edit various types of radio programs, such as news, interviews, and feature programs.

COM 3503 Internship Through placement with a television or radio station, an advertising or public relations agency, a video production company or in another communication setting, the student

will have an opportunity to learn and apply advanced communications skills. Students are required to submit a written proposal to communications faculty. Interviews for summer placements are arranged by faculty, and students are selected by the internship supervisors. Faculty will collaborate regularly with internship supervisors to evaluate the progress of the student. Normally students do not receive pay for internships.

COM 3603 Advanced Television Production A course designed to continue the development of field production skills. Specific areas included are camera and lighting techniques, editing, and computer graphics. Attention will be given to critical analysis of work. Permission of the Instructor and prerequisites COM 2073 Television Production, and COM 1721-4721 Television News Practicum required for enrollment.

COM 3781 Documentary Film Studies This class requires the student to attend the annual Hot Springs Documentary Film Festival held in the fall in Hot Springs, Arkansas. In consultation with the professor, students will select particular documentary films and filmmakers to study in an in-depth manner. Students will research films, interview filmmakers, screen films, and write papers to present in a public forum. COM 3203 Documentary Film and Video is a concurrent or previous requirement.

COM 4003 Seminar Small group study of special topics in the field of communications. Previous offerings have included Creativity and Critical Approaches to Media.

COM 4013 Political Communication This course will focus on the role of communication in the political process. Emphasis will be given to both campaigning for office and to communicating policy information for various audiences.

COM 4053 Advanced Reporting A course in which students refine their skills in news gathering and news writing for both the broadcast and print media through coverage of actual issues and events in the community. The course will be taught in a workshop format. Prerequisite: COM 2053 Newswriting.

COM 4063 Ethical Issues in Mass Communications The course examines ethical practices in many areas of mass media, including print and broadcast journalism, electronic media, advertising, public relations, and film. Through an extensive research project, students develop personal codes of ethics in preparation for employment in the communications field after graduation. This course serves as a capstone experience for communications majors and minors.

COM 4313 Public Relations Principles This course will provide an overview of the principles and process of public relations, as well as practice in planning and using various public relations strategies.

Composite Science

ISOs for the Composite Science Major

1. Students will communicate effectively in professional scientific formats.
2. Students will think critically when they read scientific literature, solve problems, and when they design and conduct experiments and interpret their data.
3. Students will acquire a broad knowledge of science.
4. Students will demonstrate awareness of their responsibilities by examining and developing standards of ethics and integrity appropriate for professional scientists, respecting the diversity of life, and contributing to the welfare of their community and ecosystem.

The **composite science major** is especially attractive to those who need a broad background in all of the disciplines of science. The following courses are required:

BIO 1104	Biology Concepts
BIO 2024	Zoology
BIO 2124	Botany
MTH 1043	College Trigonometry
CHM 1014	General Chemistry I
CHM 1024	General Chemistry II
PHY 2014	College Physics I
PHY 2024	College Physics II

Eighteen hours of electives in the sciences and/or mathematics approved by the student's advisor. Twelve of the eighteen hours of electives must be chosen from upper-level courses in a single discipline.

Students who have had two years of algebra and trigonometry in high school and who have high ACT scores in mathematics may substitute MTH 2015 Calculus I, for MTH 1043 College Trigonometry.

For their first semester, those students wanting to major in Composite Science should be advised to take General Education courses and Biology Concepts (BIO 1104) or any science course for which the student has the prerequisites.

BS Degree: Eight Consecutive Semester Course of Study

for the Major of Composite Science

SOPHOMORE YEAR

Fall Semester (15 or 16 hours)

- Zoology
- General Chemistry I or College Physics I

Either semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester (15 or 16 hours)

- Science or Math Elective (may be upper-level)
- General Chemistry II or College Physics II

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- General Chemistry I or College Physics I
- Science or Math Elective (may be upper-level)

Either semester:

- General Education courses from Distribution Requirements or general elective courses to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- General Chemistry II or College Physics II
- Science or Math Elective (May be upper-level)

SENIOR YEAR

Fall Semester (16 or 17 hours)

- Two Science and/or Mathematics electives**

Either semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Two Science and/or Mathematics electives**

FRESHMAN YEAR

Fall Semester (15 or 16 hours)

- No Math or College Algebra Or Calculus I*
- Biology Concepts
- Composition I
- Critical Inquiry

Either semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester (15 or 16 hours)

- No Math or College Trigonometry*
- Science or Math elective
- Composition II

*Students who have had 2 years of algebra and trigonometry in high school and who have high ACT scores in mathematics may substitute MTH 2015 Calculus I for MTH 1043 College Trigonometry.

**Eighteen hours of advisor-approved electives in the sciences and/or mathematics. Twelve hours must be chosen from upper-level courses in a single discipline.

Computer Applications

Computer Applications: The study of computer software and its use, including

1. An introduction to the study of algorithms
2. The operation and use of computer software
3. Web based operations and web page construction

Minor:

Required courses:

CSC 1013	Introduction to Computer Science
CSC 2023	Introduction to Programming
CSC or MTH 2123	Discrete Mathematics
CSC 2513	Introduction to HTML
Microsoft Office Certification	

6 hours from the following:

CSC 2543 or BSE 2343	Word/Information Processing
CSC or MTH 3113	Data Structures
CSC 3513	Client-side Scripting
CSC 3523	Advanced HTML and Web Site Management
CSC 3533	ASP.Net
CSC 4503 or MGT 4203	Information Systems
CSC 4513 or ACC 4013	Accounting Information Systems

MOS Certification

Each student receiving a minor in CA will be required to certify as a Microsoft Office Specialist. This requires that the student take exams in at least four of the following areas:

CSC 1511 or BSA 1011	Word Processing
CSC 1521 or BSA 1021	Spreadsheets (Excel)
CSC 1531 or BSA 1031	Database (Access)
CSC 1541 or BSA 1041	Graphics (PowerPoint)
CSC 1551 or BSA 1051	Software for Personal Information Management

Credit in each of these areas will be awarded upon completion of the certification exam. As a result, students who are already proficient in some area may take the certification exam and receive the credit for the course without having to take the course. In effect, he or she will be testing out of the course.

Computer Science

Computer Science: The study of algorithms, including

1. Their formal and mathematical properties
2. Their hardware realization
3. Their linguistic realization
4. Their applications

Minor:

Required courses:

CSC 1013	Introduction to Computer Science
CSC 2023	Introduction to Programming
CSC or MTH 2123	Discrete Mathematics
MTH 2015	Calculus I

6 additional hours from the following with at least one course above the 2000 level:

CSC 2033	Programming II
CSC 2513	Introduction to HTML
CSC or MTH 3113	Data Structures
CSC or MTH 3213	Numerical Analysis
CSC or MTH 4013	Introduction to Mathematical Programming and Computer Algorithms

Courses

CSC 1013 Introduction to Computer Science The study of algorithms: their formal and mathematical properties, hardware realizations, linguistic realization, and application. Prerequisite: MTH 1033 College Algebra

CSC 1511 Word Processing A study of word processing in the business environment. Topics to be covered include planning, creating, formatting and editing the document, creating and importing pictures and data, working with extended documents, and utilizing advanced techniques.

CSC 1521 Spreadsheets (Excel) A study of the use of spreadsheets in the business environment. Topics to be covered include planning and creating the spreadsheet, entering formulas and data, editing and formatting the spreadsheet, graphing data, and utilizing advanced spreadsheet techniques.

CSC 1531 Database (Access) A study of the use of databases in the business environment. Topics to be covered include planning and creating the database, entering data, sorting and retrieving data, joining databases, generating reports, and utilizing advanced database techniques.

CSC 1541 Graphics (PowerPoint) A study of the use of graphics in the business environment. Topics to be covered include developing a graphics presentation, using the automation features of a

graphics package, importing clip art, importing from the Internet, utilizing sound and movement in a presentation, and developing a solid understanding of the major features of the graphics program.

CSC 1551 Software for Personal Information Management A study of the use of personal information management in the business environment. Topics to be covered include email, calendar, contacts, and other related tasking functions concerning the management of personal information through software applications.

CSC 2023 Introduction to Programming Elementary concepts of object oriented programming using the Java programming language including variable types, input, output, flow of control, and object construction. Prerequisite: CSC 1013 Introduction to Computer Science.

CSC 2033 Programming II A continuation of CSC 2023. Topics include queues, recursion, graphical user interface, inheritance and polymorphism. Prerequisite: CSC 2023 Introduction to Programming

CSC 2123 Discrete Mathematics Concepts covered are sets, functions, proof techniques, logic, logic circuits, relations on sets, counting, pigeonhole principle, binomial coefficients, recurrence relations, and graph theory. Prerequisite: MTH 1033 College Algebra (or its equivalent).

CSC 2513 Introduction to HTML Introduction to Hypertext Markup Language (HTML) where students would learn basics about web page markup, with an introduction to Cascading Style Sheets (CSS). Prerequisite: CSC 2023 Introduction to Programming.

CSC 2543 Word/Information Processing Introduction of basic concepts of word processing as a systems approach. Emphasis will be directed to office automation systems that can connect for an integrated information processing system. Offered on demand. Prerequisite: BSA 1011/CSC 1511 Word Processing.

CSC 3113 Data Structures Study of data structures and algorithms fundamental to computer science; abstract data-type concepts; measures of program running time and time complexity; algorithm analysis and design techniques, queues, stacks, and lists; methods of proof as they relate to program verification; sets, functions, and relations as they relate to the analysis of algorithms. Includes the study of algorithms, time complexity, and design techniques. Prerequisites: CSC 2023 Introduction to Programming and MTH 2123/CSC 2123 Discrete Mathematics.

CSC 3213 Numerical Analysis Introduction to the problems of numerical analysis emphasizing computational procedures and application. Topics covered will include roots of equations, numerical integration, least squares, simultaneous equations, and curve fitting. Prerequisites: Math 2024 Calculus II and CSC 2023 Introduction to Programming.

CSC 3513 Client-Side Scripting Introduction to client-side scripting languages of Javascript and VBScript. Students would learn how to use client-side scripting to do things like validate user input into

web forms, dynamically generate page content, and access the different web browser DOMs. Prerequisite: CSC 2513 Introduction to HTML.

CSC 3523 Advanced HTML and Web Site Management Learn more about web page development technologies and website management using applications (such as Macromedia Dreamweaver and Microsoft FrontPage). Prerequisite: CSC 2513 Introduction to HTML.

CSC 3533 ASP .Net Introduction to building web applications using ASP .Net. Students would learn to write Active Server Pages using VB .Net and ADO .Net. Topics such as web application security and data access would be emphasized. Students will be expected to complete a web project using the skills they have learned. Prerequisites: CSC 2513 Introduction to HTML and CSC 2023 Introduction to Programming.

CSC 4013 Introduction to Mathematical Programming and Computer Algorithms An introduction to structure programming using Java. Topics include user-defined types, arrays, records, files and sets. Common algorithms and data structures used in application software will also be discussed. Prerequisites: CSC 2023 Introduction to Programming and MTH 2024 Calculus II.

CSC 4503 Information Systems A study of the concepts and issues relating to the design and implementation of management information systems. Specific emphasis on management report format and content, data collection, accumulation, storage techniques, and the computer as a tool in the management information system. Prerequisite: MGT 2003 Survey of Management.

CSC 4513 Accounting Information Systems A study of selected topics within the accounting discipline that relate to the impact of advances in information technology on the performance of accounting functions within an organization. The selected topics discuss how accountants can improve the design and functioning of an accounting information system so that it truly adds value to the organization. Prerequisite: ACC 2013 Principles of Accounting II.

Developmental Courses

NOTE: Developmental courses and their grades are excluded from meeting graduation requirements. However, developmental courses and their grades *are* included in computing semester and cumulative grade point averages, “good academic standing” (pg. 40), satisfactory progress, “academic classification” (pg. 45), and eligibility for financial aid and athletics.

Courses

DEV 0003 Fundamentals of Communication A course designed to provide strategies and skills needed for students to write clearly and effectively according to the conventions of English sentence, paragraph, and essay structure. The grade in the course will be computed in semester and cumulative grade point averages, but the course may not be used to satisfy general education requirements nor provide credit toward any degree. This course is only available for students who utilize the services of the Jones Learning Center. Students who pass Fundamentals of Communication with a grade of “B” or better may enroll in English Composition I. Students who pass Fundamentals of Communication with a grade of “C” may enroll in English Composition I, provided that it is taken concurrently with composition labs that correspond to their Composition I class. Students who make below a “C” in Fundamentals of Communication must repeat the course, meeting requirements cited above.

DEV 0103 Written Communication The aim of the course is to teach students to express themselves clearly and effectively in writing. The course content includes a thorough review of English grammar as well as the structure of paragraphs and essays. The grade will be computed in grade point averages but may not be used to satisfy general education requirements nor degree requirements. Students with an ACT English score of 17 or below must enroll in Written Communication as a prerequisite to English Composition I. This three-hour course will include three hours per week of regular classroom instruction, plus at least two hours per week of supplemental instruction. Students who pass Written Communication with a grade of “B” or better may enroll in English Composition I with no restrictions. Students who pass Written Communication with a grade of “C” may enroll in English Composition I, provided that it is taken concurrently with supplemental instruction that corresponds to their Composition I class. Students who make below a “C” in Written Communication must repeat the course, meeting requirements cited above.

DEV 0113 Beginning Algebra This course is for students who have inadequate preparation for either Intermediate Algebra or College Algebra and is **required** of students who have an ACT mathematics subscore of 15 or less (or an equivalent SAT mathematics subscore). The grade in this course will be included in computation of semester and cumulative grade point averages, but the course may not be used to satisfy any core or distribution requirement nor will the course be counted as credit toward any degree. Students who pass Beginning Algebra with a grade of “B” or better must enroll in Intermediate Algebra with no restrictions. Students who pass Beginning Algebra with a grade of “C” must enroll in Intermediate Algebra, provided that it is taken concurrently with supplemental instruction

that corresponds to their Intermediate Algebra class. Students who make below a "C" in Beginning Algebra must repeat the course, meeting requirements cited above.

DEV 0123 Intermediate Algebra This course is for students who have inadequate preparation for College Algebra and is **required** of students who have an ACT mathematics subscore of 16-19 (or an equivalent SAT mathematics subscore) or who are also required to complete DEV 0113, Beginning Algebra prior to enrolling in this course. The grade in this course will be included in computation of semester and cumulative grade point averages, but the course may not be used to satisfy any core or distribution requirement nor will the course be counted as credit toward any degree. Students who pass Intermediate Algebra with a grade of "B" or better must enroll in College Algebra with no restrictions. Students who pass Intermediate Algebra with a grade of "C" must enroll in College Algebra, provided that it is taken concurrently with supplemental instruction that corresponds to their College Algebra class. Students who make below a "C" in Intermediate Algebra must repeat the course, meeting requirements cited above.

DEV 0203 College Reading and Study Skills The aim of the course is to teach students efficient and sophisticated reading and study skills with clearly established techniques for immediate application to a variety of college courses. College-level reading instruction results in significant improvement in reading rates and comprehension. The grade will be computed in grade point averages but may not be used to satisfy general education requirement nor degree requirements. This course is for students enrolled the Jones Learning Center. (All other students with an ACT reading score of 19 or below must enroll in supplemental instruction sessions that correspond with reading intensive courses taken during their first semester. These courses may include: American National Government, American History I, New Testament, or Old Testament.)

DEV 0303 English as a Second Language An intensive review of English grammar and vocabulary, this course is intended to prepare non-native speakers who already have considerable facility in English for Composition I. The grade will be computed in grade point averages but may not be used to satisfy general education requirements nor degree requirements.

Economics

See Business Enterprise section.

Education

The University of the Ozarks is accredited by the agencies that follow: North Central Association of Colleges and Secondary Schools (NCA); National Council for Accreditation of Teacher Education (NCATE); and the Arkansas State Department of Education (ASDE). The Early Childhood Education program and the Middle Level Education Programs are fully approved as nationally recognized programs by the National Association of Early and Young Children (NAEYC) and the National Middle School Association (NMSA) respectively. The Physical Education Program is fully approved as a nationally recognized program by the American Association of Health, Physical Education, Recreation and Dance (AAHPERD) and by the National Association of Sport and Physical Education (NASPE). The University is also a member of the American Association of Colleges for Teacher Education (AACTE) and the Association of Independent Liberal Arts Colleges for Teacher Education (AILACTE).

Title II of the Higher Education Act (HEA) requires all institutions of higher education to report the passage rate of their teacher education program completers. The University of the Ozarks reported to the Arkansas State Department of Higher Education that thirty-seven students completed a teacher education program between the years 2001 and 2004. Of that number, the University filed a pass rate of 100% on the Arkansas State Report in each of those respective years. Additional information is available on request.

Teacher Education Program

The Dr. Wiley Lin Hurie Teacher Education Center

The Division of Education houses the Dr. Wiley Lin Hurie Teacher Education Center where responsibility for all teacher education programs at Ozarks are located. The Center is a modern, state-of-the-art, high-tech, facility designed to prepare teachers of public and private school students to spend productive lives in the 21st century.

Teacher Education Programs Offered at the Dr. Wiley Lin Hurie Teacher Education Center

The teacher education curriculum at Ozarks, following the standards established and incorporated by the above agencies, requires all candidates to complete a course of study that includes the following: a liberal arts foundation, an area of specialization, and professional teacher preparation. Students interested in pursuing a teaching career at Ozarks may choose from one of the programs listed below.

Early Childhood Education Licensure: Grades P-4

Early Childhood Education (Bachelor of Science)

Middle Level Education Licensure: Grades 4-8

Middle Level Education: Science/Mathematics (Bachelor of Science)
Middle Level Education: Language Arts/Social Studies (Bachelor of Science)

Secondary Licensure: Grades 7-12

Business Technology (Bachelor of Science)
English/Language Arts (Bachelor of Arts)
Life/Earth Science (Bachelor of Science or Arts)
Mathematics (Bachelor of Science or Arts)
Social Studies - History Major (Bachelor of Arts)

P-8 or 7-12 Licensure

Art (Bachelor of Arts)
Vocal Music (Bachelor of Arts)
Physical Education/Wellness/Leisure (Bachelor of Science)

Concurrent Licensure

Special Education Infant-Toddler: P-4
Special Education Instructional Specialist: 4-12

Endorsement Areas

Coaching

A more detailed description of each teacher education program is available in the Hurie Teacher Education Center's *Teacher Education Handbook*. Each program offered meets or exceeds the requirements of the Arkansas Department of Education. Students need to understand, however, that any changes made by the Arkansas Department of Education affecting teacher licensure will overrule any teacher education policy or teacher education program cited in this catalog. The Hurie Teacher Education Center must make certain that Ozarks' teacher education programs are current with Arkansas State Department of Education policy.

ISOs for Teacher Education

Students pursuing a teacher education program at the Dr. Wiley Lin Hurie Teacher Education Center must demonstrate, among other requirements, professional competence in ten Intended Candidate Outcomes (ICOs). The ICOs are as follows:

1. **Knowledge of Subject Matter:** The candidate understands the central concepts, tools of inquiry and structures of the discipline(s), including the historical and legal foundations of American Education. The candidate can create learning experiences that make these aspects of subject matter meaningful for students.
2. **Knowledge of Human Development:** The candidate understands how children and youth learn and develop, and can provide learning opportunities that support their intellectual, social, and personal development.
3. **Adapting Instruction for Individual Needs:** The candidate understands how students differ in their approaches to learning and creates instructional opportunities that are adapted to diverse learners.

4. **Multiple Instructional Strategies:** The candidate understands and uses a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.
5. **Classroom Motivation and Management Skills:** The candidate uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.
6. **Communication Skills:** The candidate uses knowledge of effective verbal, nonverbal, and media (technological) communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom.
7. **Instructional Planning Skills:** The candidate plans instruction based upon knowledge of subject matter, students, community, and curriculum goals.
8. **Assessment of Student Learning:** The candidate understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner.
9. **Professional Dispositions, Commitment and Responsibility:** The candidate is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community) and who actively seeks out opportunities to grow professionally.
10. **Partnerships:** The candidate fosters relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.

Five Phases of the Teacher Education Program

Students enrolled in teacher education at the Hurie Teacher Education Center advance through the five curricular phases that follow: orientation, admission to teacher education, admission to directed teaching, graduation and licensure, and relationship with graduates. Candidates failing to exhibit the required academic and social development during the first four phases of their respective programs receive additional counseling as outlined in the section entitled, "At-Risk Policy," of the *Teacher Education Handbook*. A fuller description of the five curricular phases follows:

Phase I - Orientation Students are enrolled in the University's General Education Program, a liberal-arts curriculum that is consistent with the overall mission of the University of the Ozarks. Each student will be assigned an Academic Advisor who will make every effort to advise him or her into the proper courses. Ultimately, however, students, not their academic advisors, are responsible for satisfying all requirements for both graduation and licensure.

During the freshman or sophomore year, any student pursuing teacher education should enroll in EDU 2003, Education and the Growth of the American Republic, the initial course in the sequence. Students also are expected to apply for formal admission to the teacher education program and to complete the PRAXIS I exam at this time. Application materials are available at the Hurie Teacher Education Center.

Transfer students should meet with their advisors prior to their initial registration in order to plan their program based on credits transferred. Transfer credits must match Ozarks listings in order to count toward graduation and licensure.

It is important to note that students, who are accepted for study at the Dr. Wiley Lin Hurie Teacher Education Center, must understand that they will be expected to dress and conduct themselves in a professional manner. See the *Teacher Education Handbook* for details.

Phase II - Admission to Teacher Education Phase II is a preliminary screening phase that ensures prospective candidates can demonstrate the necessary fundamental skills and personal traits consistent with becoming an Ozarks' teacher education model, namely, a reflective, inclusive professional educator. The Teacher Education Committee, composed of the following: Professional Education faculty; the Director of Field Experiences; and, faculty members from various academic disciplines, will review each applicant and either admit or deny admittance based on program requirements. Candidates who are admitted to the program may proceed to enroll in the proper upper-level professional sequence courses, including early field experience (but not Directed Teaching). Faculty will expect these students to continue meeting program requirements in order to remain in the program. Candidates who were denied admission to the Teacher Education Program will not be allowed to register for upper-level professional sequence and field practicum courses. These students may appeal the Teacher Education Committee's decision and ask for reconsideration at the next regularly scheduled Committee meeting. The appeal must be in writing. If the application is again denied, appeal must be made in writing to the Office of the Vice President for Academic Affairs. The ruling of the Vice President for Academic Affairs is final.

The Teacher Education Committee requires teacher education candidates to meet a definable list of standards for admission into the teacher education program. That list of standards is as follows: The candidate must:

Have acquired sophomore standing and must be taking or have completed EDU 2003, Education and the Growth of the American Republic.

1. Maintain an overall grade point average of 2.75 or better and have a C- or better in Composition I and II, Basic Oral Communication, and College Algebra.
2. Submit a recommendation from the major advisor and three additional recommendations from faculty members with whom the candidate is professionally acquainted. Recommendations older than one calendar year will not be accepted; current recommendations are required.
3. Receive written clearance from the student life office.
4. Submit scores from the PRAXIS I exams that meet or exceed current cutoff requirement as established by the Arkansas State Department of Education (Paper test: reading- 172; writing- 173; math-171. Computerized test: reading-319; writing-319; math-316.) Candidates are encouraged to take the PRAXIS I no later than the semester in which they complete EDU 2003, Education and the Growth of the American Republic. Transfer students should submit their PRAXIS I scores during their first semester on campus. Candidates with scores below the cutoff are advised to seek remedial help and are limited to three attempts to pass all sections of the test.
5. Complete an application and an autobiographical sketch.

6. Exhibit and continue to exhibit acceptable moral, ethical, emotional, social and professional conduct. (Information requested on faculty recommendations will be used to evaluate applications for admission into the Teacher Education Program, and will include, but will not be limited to, information concerning moral, ethical, emotional, social, and professional conduct.)
7. Appear for a personal interview with the Teacher Education Committee.

The Arkansas State Department of Education requires a clear, current tuberculin test before any teacher education student may participate in any given field experience in the public schools.

Candidates who are not making satisfactory progress in Phase II may be placed on an At-Risk Contract,” a policy designed to help the candidate move back onto a satisfactory progress track. The policy is found in the *Teacher Education Handbook*.

Phase III - Admission to Internship II Phase III ensures that all students planning to complete directed teaching have shown increased evidence of professional competence. Phase III also provides opportunities for faculty to advise and counsel students preparing to complete the final professional segment of their respective programs. Candidate applications for Directed Teaching will be evaluated by the **Joint Committee on Admissions and the Teacher Education Committee** in accordance with established criteria found in the *Teacher Education Handbook*. Those candidates approved for Directed Teaching will be assigned a public or private school Mentor Teacher and a University Supervising Teacher. Those candidates not approved for Directed Teaching may appeal through the same process as described in Phase II above.

The Teacher Education Committee requires all candidates for Directed Teaching to successfully meet a list of professional standards. Those standards are as follows: The Candidate will

1. Complete an application and an autobiographical sketch.
2. Complete the professional sequence and all required methods courses with a grade of C- or better.
3. Submit recommendations from the following:
 - a. The major advisor
 - b. Three faculty who are professionally acquainted with the candidate’s academic work. One recommendation must come from outside both the student’s major academic division and the Hurie Teacher Education Center.

Recommendations older than one year will not be accepted; current recommendations are required.

4. Have satisfactory evaluations earned in early field experience(s) on file in the Hurie Center.
5. Demonstrate satisfactory attributes and dispositions exemplified by professional educators, as evidenced by, but not limited to, the following: journals, micro-teaching video, oral presentation, and professional portfolio.
6. Receive written clearance from the Office of Student Life.
7. Have been previously admitted to the Teacher Education Program.
8. Appear for a personal interview before the Joint Committee on Admissions. The candidate's professional portfolio, which is based on criteria found in the *Teacher Education Handbook*, will be presented to the Committee at this time.

9. Be classified at Ozarks as a senior or post-graduate.
10. Possess a 2.75 grade point average in all course work completed.
11. Have written documentation of either completion of or application to take the Praxis II. This requirement must be completed prior to placement in Directed Teaching.
12. Have completed at least one semester in full-time residency at Ozarks.
13. Demonstrate and continue to demonstrate acceptable moral, ethical, emotional, social, and professional conduct. (Information requested on faculty recommendations will be used to evaluate applications for admission into the Teacher Education Program, and will include, but will not be limited to, information concerning moral, ethical, emotional, social, and professional conduct.)

The Arkansas State Department of Education requires a clear, current tuberculin test before any teacher education student may participate in any given field experience in the public schools.

Candidates who are not making satisfactory progress in Phase III may be placed on an At-Risk Contract,” a policy designed to help the candidate move back onto a satisfactory progress track. The policy is found in the *Teacher Education Handbook*.

Phase IV - Graduation and Certification Candidates pursuing initial teacher licensure must meet the following requirements: 1.) a 2.75 gpa overall; 2.) a 2.75 gpa in the professional education sequence and a grade of C- or better in any given course; 3.) satisfactory completion of a professional portfolio; 4.) graduation, program grade requirements, and successful PRAXIS I and II scores are necessary before a candidate will be considered a program completer and be recommended for licensure. Information and registration materials concerning the PRAXIS exams may be obtained from the Hurie Teacher Education Center.

The Arkansas State Department of Education requires that candidates for licensure submit to a criminal background check to both the Arkansas State Police and the FBI. Information and official forms may be obtained from the Hurie Center.

Phase V - Relationship with Graduates Hurie Teacher Education Center faculty wish to maintain continued contact with their graduates. Faculty are willing and eager to provide post graduate assistance for those graduates who request it. The Center also is eager to learn from their graduates any professional information that they would be willing to share that might, in turn, improve teacher education at the University of the Ozarks. To that end, each graduate is asked to notify the Hurie Center of his or her place of employment. The Center, then, will send a school-personnel survey and a formal first-year teacher follow-up packet to those graduates who are completing their first year of teaching. The material is one part of the data the Center seeks to continually assess the preparatory qualities of its teacher education programs.

Early Childhood Education (P-4)

Early Childhood Education teacher education students seeking an Arkansas teaching license are required to take a course in Arkansas history. At Ozarks, HIS 3003, Arkansas History, will fulfill both an Area 2 Distribution General Education requirement as well as the Arkansas State Department of Education requirement for Arkansas History. Students are encouraged to fulfill the Area 1 Distribution requirement with one year of foreign language and the Natural Science requirements with Physical Science, Earth Science, or Astronomy. Early Childhood majors must take PHE 1411, Rhythmic Activities and Lead-up Games, a course that also will meet one of the required four physical education activity courses in the Ozarks' General Education Program. Early Childhood majors should also take Biology Concepts, BIO 1104, a required lab science for all students seeking licensure that also meets a Natural Science Requirement in the Ozarks' General Education Program. Majors should also expect to take a sufficient number of elective courses to bring their total coursework in the General Education Program and the Early Childhood major to a total of 124 credit hours needed for graduation.

Required Professional Education Courses

EDU 2003	Education and the Growth of the American Republic
EDU 3312	Teaching Internship I
EDU 3053	Principles of Learning and Teaching
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
SPE 2013	Survey of Exceptionalities in Today's World

Required Specialty Area Courses

EDU 2043	Fine Arts Methods
EDU 3013	Early Childhood Theories, Issues, and Concerns I
EDU 2023	Literature for Children
EDU 3073	Early Childhood Theories, Issues, and Concerns II
EDU 3113	Integrated Methods in Math, Science, and Technology
EDU 3123	Integrated Methods (Language Arts and Social Studies)
EDU 3612	Specialty Practicum
EDU 4013	Reading Foundations
EDU 4043	Developing Content Readers
MTH 2063	Mathematics for Elementary Teachers I
MTH 2163	Mathematics for Elementary Teachers II
PHE 3023	Physical Education for the Child
PHE 1411	Rhythmic Activities and Lead-up Games
SPE 3023	Communication Development for the Exceptional Child

BS Degree: Eight Consecutive Semester Course of Study for the Major of Early Childhood Education

FRESHMAN YEAR

Fall Semester (16 credit hours)

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- College Algebra
- US History I
- Biology Concepts
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (17 credit hours)

- Composition II

SOPHOMORE YEAR

Fall Semester (17 credit hours)

- Literature for Children
- Math for Teachers I

Either Semester:

- Education and Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Earth Science
- Arkansas History
- Elementary Spanish I
- Elementary Spanish II
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I exam, Application to Teacher Education Program

Spring Semester (15 or 16 credit hours)

- Math for Teachers II

JUNIOR YEAR

Fall Semester (16 credit hours)

- Early Childhood Theories I
- Physical Education for the Child
- Rhythmic Activities and Lead-up Games
- Communication Development

Either Semester:

- American National Government
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (17 credit hours)

- *Early Childhood Theories II
- *Fine Arts Methods
- *Practicum
- *Integrated Methods: Language Arts & Social Studies
- *Foundations of Reading

SENIOR YEAR

Fall Semester (15 or 16 credit hours)

- *Internship I
- *Integrated Methods: Math/Science/Technology
- *Developing Content Readers
- *Principles of Learning and Teaching
- *Educational Assessment
- Praxis II, Application for Internship II

Spring Semester (12 credit hours)

- *Internship II

*Students must be admitted to the Teacher Education Program before taking these courses.

Middle Level Education (4-8)

Mathematics and Science Emphasis

Middle Level Education students seeking licensure in Arkansas are required to take a course in Arkansas history. At Ozarks, HIS 3003, Arkansas History, will fulfill both an Area 2 Distribution General Education Program requirement as well as the Arkansas State Department of Education requirement for Arkansas History. Middle Level majors also are encouraged to fulfill their Area 1 Distribution requirements with one year of foreign language and their Natural Science requirements with Biology Concepts and either Physical Science, Earth Science, or Astronomy. Middle Level majors must take PHE 1411, Rhythmic Activities and Lead-up Games, a course that also will complete one of the four required physical education activity courses in the Ozarks' General Education Program.

Required Professional Education Courses

EDU 2003	Education and the Growth of the American Republic
EDU 3053	Principles of Learning and Teaching
EDU 3312	Teaching Internship I
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
SPE 2013	Survey of Exceptionalities in Today's World

Required Specialty Area Courses

EDU 2023	Literature for Children
EDU 4013	Reading Foundations
EDU 4043	Developing Content Readers
EDU 4123	Middle Level Principles and Practices

Required Content Preparation Courses

CHM 1014	General Chemistry I
EDU 3703	Middle Level Methods in Math, Science and Technology
EDU 3713	Middle Level Methods in Language Arts and Social Studies
ENS 1013	Introduction to Environmental Studies
MTH 1043	College Trigonometry
MTH 2015	Calculus I
MTH 2053	Mathematics for Middle Level Teachers I
MTH 2153	Mathematics for Middle Level Teachers II
MTH 3013	Modern Geometry
PHS 1004	Introductory Physical Science
PHY 2014	College Physics I

Language Arts and Social Studies Emphasis

Middle Level Education students seeking licensure in Arkansas are required to take a course in Arkansas history. At Ozarks, HIS 3003, Arkansas History, will fulfill both an Area 2 Distribution General Education Program requirement as well as the Arkansas State Department of Education requirement for Arkansas History. Students seeking licensure in Middle Level Language Arts and Social Studies are required to take both PLS 2013, American National Government, and HIS 2013, American History to 1860. World Civilization to 1600 and World Civilization from 1600 are strongly encouraged. Middle Level majors are also encouraged to fulfill the Area 1 Distribution requirements with one year of foreign language, and the Natural Science requirements with a Biology course and either Physical Science, Earth Science, or Astronomy. Middle Level majors must take PHE 1411, Rhythmic Activities and Lead-up Games, a course that also will complete one of the four required physical education activity courses in the Ozarks' General Education Program.

Required Professional Education Coursework

EDU 2003	Education and the Growth of the American Republic
EDU 3053	Principles of Learning and Teaching
EDU 3312	Teaching Internship I
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
SPE 2013	Survey of Exceptionalities in Today's World

Required Specialty Area Coursework

Specialty Preparation

EDU 2023	Literature for Children
EDU 4013	Reading Foundations
EDU 4043	Developing Content Readers
EDU 4123	Middle Level Principles and Practices
MTH 2053	Mathematics for Middle Level Teachers I
MTH 2153	Mathematics for Middle Level Teachers II

Required Content Preparation Coursework

EDU 3703	Middle Level Methods in Math, Science and Technology
EDU 3713	Middle Level Methods in Language Arts and Social Studies
ENG 2023	Introduction to Grammar
Six hours of advisor-approved electives in English	
THR 1013	Introduction to Theatre
HIS 2123	American History II
Three hours of advisor-approved electives in geography	
Three hours of advisor-approved electives in global studies or current events	
These classes may not be used for core or distribution credit.	

**BS Degree: Eight Consecutive Semester Course of Study
for the Major of MIDDLE LEVEL EDUCATION – Language Arts/Social Studies**

FRESHMAN YEAR (32 hours)

Fall Semester (16 hours)

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- American National Government
- College Algebra
- General Education courses from Distribution Requirements to total 16 hours

Spring Semester (16 hours)

- Composition II

SOPHOMORE YEAR (32 hours)

Fall Semester (16 or 17 hours)

- Math for Teachers I
- Elementary Foreign Language I

Either Semester:

- Education and Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- US History II
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I exam, Application to Teacher Education Program

Spring Semester (16 or 17 hours)

- Math for Teachers II
- Elementary Foreign Language II
- Introduction to Grammar

JUNIOR YEAR (32 hours)

Fall Semester (16 or 17 hours)

- Rhythmic Activities & Lead-up Games

Either Semester:

- 6 hours English electives
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- *Middle Level Principles & Practices
- *Middle Level Methods in Language Arts and Social Studies
- *Reading Foundations
- *Fine Arts Methods
- Arkansas History

SENIOR YEAR (29 hours)

Fall Semester (16 or 17 hours)

- *Internship I
- *Middle Level Methods in Math and Science
- *Principles of Teaching and Learning
- *Educational Assessment
- *Developing Content Readers
- Global Studies/Current Events
- Praxis II, Application for Internship II

Spring Semester (12 hours)

- *Internship II

*Students must be admitted to the Teacher Education Program before taking these courses.

Secondary Education (7-12):

Ozarks, like most colleges and universities, does not offer a Secondary Education major. The major is taken in one of the academic disciplines (Art, Biology, Business, English, History, Mathematics, or Physical Education, and then, the Hurie Teacher Education Center provides the necessary teacher education component to meet the Arkansas Department of Education requirements for any given teaching license. The teacher education component is called a minor in Secondary Education at Ozarks and requires students 1) to satisfy all teacher education program requirements, and, 2) to complete a teaching field that is approved for licensure. See the *Teacher Education Handbook* located in the Hurie Teacher Education Center for details. Also, see the particular academic disciplines mentioned above in this catalog that offer secondary teaching fields.

Required Professional Education Courses for a Secondary Education Minor:

EDU 2003	Education and the Growth of the American Republic
EDU 3053	Principles of Learning and Teaching
EDU 3312	Teaching Internship I
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
EDU 4443	Combined Secondary Methods or Discipline Specific Methods Course
SPE 2013	Survey of Exceptionalities in Today's World

Special Education (P-4; 4-12)

Students interested in pursuing a special education program need to understand that the Arkansas State Department of Education issues only a *concurrent* special education license at the undergraduate level. That means Arkansas does not issue a “stand alone” special education license at the undergraduate level. Consequently, the state issues a *concurrent* special education license to qualified teachers who hold a teaching license in one of the fields that follow: a regular P- 4 license (Early Childhood); or a regular Middle Level license (grades 4-8); or a regular secondary teaching license (grades 7 – 12). Qualified teachers who hold either a middle level or a secondary level teaching license, and who have met concurrent special education teaching requirements, will be issued a special education teaching license to teach special education in grades 4 through 12 in Arkansas. The Hurie Center prepares students for Arkansas special education licensure at all public school teaching levels.

Required Courses for a Minor in Special Education

SPE 3023	Communication Development for the Exceptional Child
SPE 4001	Assessment Lab (taken concurrently with Educational Assessment)
SPE 4013	Methods and Materials for Teaching Exceptional Children
SPE 4023	Inclusive Legal Practices for Education

EDU 3333	Behavior Management in the Classroom
EDU 3612	Specialty Practicum (in addition to all practica required for licensure)
PHE 4003	Adaptive Physical Education

Student Organizations

Teacher Education students may choose to join the Ozarks' Student Education Association, a student affiliate of the National Education Association. Also, qualified students may choose to become a member of the Alpha Alpha Sigma Chapter of Kappa Delta Pi: An International Honor Society in Education. Both organizations are very active at the University of the Ozarks.

Education Courses

Education

EDU 2003 Education and the Growth of the American Republic This foundation of education course covers the history and development of the American educational system. Current education issues and practices from a perspective of cultural pluralism are addressed. Field observations are an integral component of the course. The teacher education program at Ozarks is explained.

EDU 2023 Literature for Children This course deals with the history and development of children's literature. The criteria used for selection of quality children's books and a study of their authors and illustrators will be emphasized. Content: picture books, traditional literature, fantasy, poetry, fiction, nonfiction, biography, Caldecott winners, Newberry winners, classics, multicultural and Charlie Mae Simon books.

EDU 2043 Fine Arts Methods An integrated study of developmentally appropriate drama, art, and music curriculum and methods for birth to eight year olds. Prerequisite: Admission to Teacher Education Program.

EDU 3003 Literature for Young Adults This course introduces students to a range of classic and contemporary fiction and poetry written for or about young adults. Although literary analysis and appreciation will be the principal focus of the course, an important secondary emphasis will be selecting and teaching literature to young adults, taking into account their development and needs.

EDU 3013 Early Childhood Theories, Issues, and Concerns I A study of early childhood development and content, historical background, and learning attributes of three to eight year olds. Emphasis is placed on preparing a positive learning environment and acquiring the skills needed to teach children in the early years of formal instruction.

EDU 3033 Secondary Art Methods A study of the methods and materials of teaching art at the secondary level. Concurrent with EDU 3312 Teaching Internship I.

EDU 3043 Elementary Art Methods A study of the methods and materials of teaching art at the elementary level. Concurrent with EDU 3312 Teaching Internship I.

EDU 3053 Principles of Learning and Teaching Students will gain a knowledge of various theories of learning, be familiar with human development and adapt instruction to learner characteristics emphasizing variability in pluralistic classrooms. Curriculum designs that facilitate instruction for all learners will be emphasized. Students will prepare lesson plans that reflect an understanding of diversity among students. Students will have microteaching opportunities. Prerequisites: Admission to Teacher Education Program

EDU 3063 Techniques of Teaching Secondary School Mathematics A study of the methods and material used in teaching high school mathematics. Concurrent with EDU 3312 Teaching Internship I.

EDU 3073 Early Childhood Theories, Issues, and Concerns II The second part of Early Childhood Theories, Curriculum, Concerns proposes a hands-on approach to preparing materials and instructional devices which will enhance the learning environment for children who make up the diverse population in early childhood classrooms. This course will also deal with isolated issues and concerns outside the realm of curriculum in early childhood settings. Prerequisite: Admission to Teacher Education Program.

EDU 3083 Laboratory and Classroom Techniques in Secondary Science A course designed to acquaint the student with laboratory and demonstration techniques in teaching high school science. The goal of the course is to familiarize the student with teaching methodologies in science education that will be used in the directed teaching experience. Concurrent with EDU 3312 Teaching Internship I.

EDU 3093 Principles and Practice of Social Studies in the High School This course deals with materials, processes, and methods of teaching social studies in the high school. Various learning procedures and techniques used in these subject areas are studied. Evaluation of learning experiences is also emphasized. Content of junior high school and high school curriculum in these areas will be included. Concurrent with EDU 3312 Teaching Internship I.

EDU 3103 Individual Instruction and Tutorial Practice in Secondary Education This course is designed to follow combined secondary methods classes. It is an opportunity for students to strengthen individual and tutorial teaching skills. One hour each week is spent with the instructor for individual conference concerning student being tutored. A minimum of six hours each week is spent in tutoring - actual practice. Pass/fail grade. Prerequisites: Appropriate combined secondary methods course(s), and EDU 2003 Education and the Growth of the American Republic.

EDU 3113 Integrated Methods in Math, Science, and Technology The course focuses on developmentally appropriate purposes, content psychology, materials, and methods for teaching science and mathematics in an early childhood setting. Principles and procedures for developing integrated curriculum in broad unit instruction will be emphasized. Prerequisites: Admission to Teacher Education.

Prerequisite: Admission to Teacher Education Program.

EDU 3123 Integrated Methods (Language Arts and Social Studies) The course is designed to provide information and specific approaches to implementing a thematic-integrated approach to teaching language arts and social studies in an early childhood classroom. Prerequisite: Admission to Teacher Education Program.

EDU 3173 Teaching Reading in the Secondary Schools This course is designed for all secondary majors and will cover developmental reading in the secondary schools. Topics of the course will include use of reading in various curricular areas, appraisal of reading in various curricular areas, appraisal of reading abilities, techniques, and materials for helping reluctant and retarded readers. The course will also emphasize vocabulary development, reading and study skills, and textbook and materials selection.

EDU 3203 Elementary School Music Methods and Materials This course is designed to provide techniques and materials for elementary classroom music instruction. Through the study of Orff and Kodaly methodologies, the philosophy, goals, and strategies for teaching children the basic elements of music will be explored.

EDU 3312 Teaching Internship I Each student will complete 60 clock hours in a classroom at the level for which the candidate is preparing to teach. Students will begin the semester as a teacher's aid and progress to teaching lessons in the classroom setting. A complete list of practicum requirements and expectations are printed in the Practicum Handbook. The course may be repeated for up to six hours of credit. Prerequisite: Admission to Teacher Education Program.

EDU 3333 Behavior Management in the Classroom This course will introduce the student to the fundamentals of selecting, planning, implementing, and evaluating classroom management procedures. Students will be exposed to a sampling of models and strategies. Students will examine discipline models effective for special as well as regular classrooms for P-4 and 4-12 grades.

EDU 3612 Specialty Practicum Each student will complete 60 clock hours in a special education classroom at the level for which the candidate is preparing to teach. Students will begin the semester as a teacher's aid and progress to teaching lessons in the classroom setting. A complete list of practicum requirements and expectations are printed in the Practicum Handbook. The course may be repeated for up to six hours of credit. Prerequisite: Admission to the Teacher Education Program.

EDU 3703 Middle Level Methods in Math, Science, and Technology A study of math and science in conjunction with early adolescent growth and development as demonstrated in curriculum construction and content, historical background, and learning attributes. Emphasis is placed on preparing an integrated learning environment and acquiring the skills needed to teach young adolescents in the areas of math and science. Prerequisite: Admission to Teacher Education Program.

EDU 3713 Middle Level Methods in Language Arts and Social Studies A study of language arts and social studies in conjunction with early adolescent growth and development as demonstrated in

curriculum construction and content, historical background, and learning attributes. Emphasis is placed on preparing an integrated learning environment and acquiring the skills needed to teach young adolescents in the areas of language arts and social studies. Prerequisite: Admission to Teacher Education Program.

EDU 4013 Foundations of Reading This course stresses the psychology of learning to read, basic principles of reading, current practices and new language-based approaches of teaching reading; also included are word attack skills, phonics review, vocabulary development, and comprehension skills. Prerequisite: Admission to Teacher Education Program.

EDU 4023 Methods of Teaching Business This course is composed of principles and philosophy of business education relating to such factors as objectives, curriculum, and preparation of business teachers. Techniques and methods of teaching business subjects are given special emphasis. Concurrent with 3312 Teaching Internship I.

EDU 4033 Methods of Teaching English in the Secondary Schools A study of current approaches to the teaching of grammar, composition, and literature in junior and senior high school. Prerequisites: ENG 2023 Introduction to Grammar. Concurrent with 3312 Teaching Internship I.

EDU 4043 Developing Content Readers Preparation of students to teach reading in the various content areas across the curriculum. The course will focus on strategies, practices, and processes which enhance the learner's ability to interact with texts critically as concepts, skills, and cognition levels are developed. Organizing for instruction, meeting special needs of learners, and connecting reading, writing, speaking and listening to the content area curriculum will be addressed. Field experience required. Prerequisites: EDU 4013 Foundations of Reading and admission to Teacher Education Program.

EDU 4113 Laboratory Practice in Reading Improvement and Remedial Procedures The student learns to administer, score, and interpret a battery of tests used in assessing the reading abilities of a child experiencing reading difficulties. The student will prepare a diagnostic reading report which depicts the literacy needs of the child being tested. From the diagnosis, the student will write an instructional plan and will teach reading to a child.

EDU 4123 Middle Level Principles and Practices This course is designed for students investigating the concepts dealing with teaching and learning in the middle grades. Students will gain a knowledge of various theories of learning, be familiar with student characteristics and their variability, learn how to prepare and implement lesson plans, and develop teaching skills specifically geared for the pubescent.

EDU 4133 Methods of Teaching Foreign Language This course introduces methods of instruction in foreign language and culture from middle school through high school. Materials, planning, and classroom techniques are stressed. Concurrent with EDU 3312 Teaching Internship I.

EDU 4312 Teaching Internship II This portion of the teacher preparation program provides candidates with one full semester of teaching experience and regular seminars to address issues such as diversity, management practices, professionalism, and career development. The experience includes observation and teaching, with the cadet ultimately being given full responsibility for the educational setting for no less than two weeks. The experience is collaborative with team supervision provided by school personnel and university faculty. Pass/fail grade. Prerequisites: Admission to Directed Teaching Program, and approval of the Teacher Education Council.

EDU 4403 Educational Assessment Basic principles of educational assessment and measurement will be discussed for both formal and informal measures. Accommodations for special needs students will be addressed. Students will be expected to develop and review a variety of assessment measures suitable for use in an inclusive classroom by synthesizing human development with theory and practice. Prerequisite: Admission to Teacher Education Program.

EDU 4443 Combined Secondary Methods This course focuses on human development, purposes, content, materials, and methods for teaching in increasingly diverse secondary schools. The course includes both the development of content area specific methodology and the acquisition of instructional skills common to all content areas. Methodological skills common to all content areas are covered in whole class instruction. Content area specific methodologies are addressed through a series of tutorial experiences developed in partnership with a professor in the area of specialization and public school personnel. Individualized content in conjunction with fully integrated field experiences ensures mastery of both content area and general education concepts. Concurrent with EDU 3312 Teaching Internship I. Prerequisite: Admission to Teacher Education Program.

Special Education

SPE 2013 Survey of Exceptionalities in Today's World This course surveys the physical, cognitive, social and emotional characteristics of learners with and without mild learning differences. State and federal litigation and legislation affecting special education will be overviewed. Special education policies and procedures such as due process, placement, and IEPs will be covered. Early field experiences with special needs learners are integrated into the course.

SPE 3023 Communication Development for the Exceptional Child This course is designed to explore communication development, the importance of communication, and the various speech and language disorders associated with mildly handicapped individuals.

SPE 4001 Assessment Lab Students will administer, score, and interpret a battery of measures suitable for use in educational assessment. Students must be concurrently enrolled in EDU 4403 Educational Assessment.

SPE 4003 Assessment of the Exceptional Child This course is designed to include both formal and informal assessment procedures with emphasis on the role of the teacher in the assessment process. The course will focus on linking assessment with intervention and instruction through a problem-solving

process.

SPE 4013 Methods and Materials for Teaching Exceptional Children A course designed to acquaint the college student with the types of methods and materials that are most effective with students with mild handicaps. The course will include the adaptation of regular curriculum materials and methods in order to improve the learning environment for the student identified as mildly handicapped and to facilitate the instruction of the regular class teacher. Prerequisite: Admission to Teacher Education Program.

SPE 4023 Inclusive Legal Practices for Education The course is designed to include an overview of state and federal litigation and legislation affecting special education. Topics of discussion in class will focus on due process (referral, assessment, placement and IEP) as it applies to the student, parent, teacher, and school system. (Basis: PL 94-142; PL 101-476.) Prerequisite: Admission to Teacher Education Program.

English

“The great instrument of moral good is the imagination.”

--Shelley

An Ozarks education involves a threefold commitment to student development: intellectual, social, and spiritual. Through the study of imaginative literature, English majors mature in all three respects. They develop intellectually as they pursue a rigorous academic program that emphasizes the linguistic as well as the literary, the creative as well as the analytical. Moreover, they develop socially as they live together all aspects of the life of the mind--whether on a field trip to a regional research library or in a poetry reading at a campus coffeehouse. Finally, they develop spiritually as they explore, through poems, plays, and novels, a multitude of ethical themes and moral issues that face humanity.

ISOs of the English Program

1. Graduates will be able to read literary texts from a number of different interpretive perspectives, to employ research methods appropriate to academic study, and to produce works of scholarly criticism that reflect a mature understanding of literature.
2. They will have a sound understanding of the generic conventions of lyric, narrative, and drama.
3. They will be familiar with prominent authors and movements that have influenced the historical development of American and British literature.
4. They will also be familiar with at least one literary tradition that has been historically marginalized (for example, literature by women, literature by minorities, literature by postcolonial writers).
5. They will develop, through their English courses and through various co-curricular programs, the qualities we expect of all Ozarks students: an ability to think critically and to communicate

effectively, a knowledge of human culture, and an awareness of one's responsibilities to oneself, humanity, the planet, and one's creator.

6. They will be prepared to pursue advanced study in graduate or professional schools, to enter secondary-school education, or to obtain other positions both within the field and without.

Major A major in English consists of 34 hours of course work as specified below:

ENG 2013	Themes in Literature
ENG 3033	British Literature I
ENG 3043	British Literature II
ENG 3053	American Literature I
ENG 3063	American Literature II
ENG 4442-4452	Senior Seminar in English
Fifteen hours of electives in English approved by the student's English advisor.	

Minor A minor in English consists of 18 hours of course work as specified below:

ENG 2013	Themes in Literature
Fifteen hours of electives in English approved by the student's English advisor.	

Licensure Requirements In addition to the English major, students must fulfill the following:

ENG 2023	Introduction to Grammar
ENG 2033	Introduction to Rhetoric
ENG/EDU 3003	Literature for Young Adults
ENG 4013	Introduction to Linguistics
ENG 4053	Shakespeare
ENG 4033	History of the English Language

Note: Students seeking licensure in English will be required to select one additional course which features a significant emphasis in non-western literature.

Students are encouraged to complete ENG 2113 World Literature I, and ENG 2123 World Literature II. They are also encouraged to fulfill their Natural Science requirements with a biology course and either Physical Science, Earth Science, or Astronomy. In addition to these requirements, the following professional education sequence must be completed:

EDU 3312	Teaching Internship I
EDU 2003	Education and the Growth of the American Republic
SPE 2013	Survey of Exceptionalities in Today's World

EDU 4403	Educational Assessment
EDU 3053	Principles of Learning and Teaching
EDU 4312	Teaching Internship II
EDU 4033	Methods of Teaching English or EDU 4443 Secondary Methods

See the Education Division for further details.

BA Degree: Eight Consecutive Semester Course of Study

for the Major of ENGLISH

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR

Fall Semester (16 or 17 credit hours)

- Critical Inquiry
- Composition I

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 credit hours)

- Composition II
- Literature Distribution Course

SOPHOMORE YEAR

Fall Semester (16 or 17 credit hours)

- British Literature I
- English Elective

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 credit hours)

- British Literature II
- English Elective

JUNIOR YEAR

Fall Semester (16 or 17 credit hours)

- American Literature I
- English Elective

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 credit hours)

- American Literature II
- English Elective

SENIOR YEAR

Fall Semester (12 or 14 credit hours)

- Senior Seminar
- English Elective

Either Semester:

- General electives to total 12 or 14 hours

Spring Semester (12 or 14 credit hours)

- Senior Seminar
- English Elective

For students starting in the fall semester of an **odd numbered year** (e.g. 2005)

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Critical Inquiry
- Composition I

Spring Semester (16 or 17 hours)

- Composition II
- Literature Distribution Course

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- American Literature I

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- American Literature II

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- British Literature I
- English Elective

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- British Literature II
- English Elective

SENIOR YEAR

Fall Semester (12 or 14 hours)

- Senior Seminar
- English Elective

Either Semester:

- General electives to total 12 or 14 hours

Spring Semester (12 or 14 hours)

- Senior Seminar
- English Elective

BA Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of ENGLISH

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Critical Inquiry
- Composition I

Spring Semester (16 or 17 hours)

- Composition II
- Literature Distribution Course
- Introduction to Grammar

Either semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- British Literature I
- Elementary Language I (Recommended)

Spring Semester (16 or 17 hours)

- British Literature II
- History of the English Language
- Elementary Language II (Recommended)

Either semester:

- Education and Growth of the American Republic
- Survey of Exceptionalities In Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- American Literature I
- Introduction to Rhetoric
- Introduction to Linguistics
- Shakespeare
- Principles of Learning and Teaching

Spring Semester (16 or 17 hours)

- American Literature II
- Literature for Young Adults
- Educational Assessment

Either Semester:

- General Education courses from Distribution Requirements or elective hours to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 to 17 hours)

- Senior Seminar
- Shakespeare
- Methods of Teaching English in the Secondary Schools
- Internship I
- General electives to total 12 to 17 hours
- Praxis II, Application for Internship II

Spring Semester (14 hours)

- Senior Seminar
- Internship II

For students starting in the fall semester of an **odd numbered year** (e.g. 2005)

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Critical Inquiry
- Composition I

Spring Semester (16 or 17 hours)

- Composition II
- Literature Distribution Course
- Introduction to Grammar

Either semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- American Literature I
- Elementary Language I

Spring Semester (16 or 17 hours)

- American Literature II
- Elementary Language II

Either semester:

- Education & Growth of American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I, Application to Teacher Education Program

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- British Literature I
- Principles of Learning and Teaching

Spring Semester (16 or 17 hours)

- British Literature II
- History of the English Language
- Educational Assessment

Either semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 to 17 hours)

- Senior Seminar
- Introduction to Linguistics
- Methods of Teaching English in the Secondary Schools
- Internship I
- Shakespeare
- General electives to total 12 to 17 hours (must complete term with minimum 110 cumulative hours)
- Praxis II, Application for Internship II

Spring Semester (14 hours)

- Senior Seminar
- Internship II

Courses

ENG 1013 Composition I A course designed to enhance students' understanding of the basic structure of the English language and of conventions pertaining to usage, punctuation, mechanics, and spelling and to introduce them to the principles and strategies of expository writing. The goal of this course is for students to write satisfactory prose. Students may proceed directly to ENG 1213 Composition II by passing a proficiency exam administered by the English faculty. Students must have at least a 20 English ACT score in order to enroll in Composition I with no additional requirements. Students with an ACT English score of 18-19 must elect one of the following options: enroll in supplemental instruction to be taken concurrently with English Composition I or enroll in Written Communication. All freshmen entering the Jones Learning Center must enroll in Fundamentals of Communication.

ENG 1213 Composition II A course designed to enhance students' understanding of the principles and strategies of expository writing and to introduce them to the basic processes of scholarly research. The goal of this course is for students to write effective prose. Prerequisite: ENG 1013 Composition I, or passage of the proficiency exam administered by the English faculty.

ENG 2003 Introduction to Literature A study of the four genres (poetry, drama, the short story, and the novel) of imaginative literature. The course concentrates on critical thinking and reading skills. Prerequisite: ENG 1013 Composition I.

ENG 2013 Themes in Literature This variable-topic course introduces students to literature while focusing on a particular theme or topic. In it, students will explore at least two literary genres, lyric poetry and either prose fiction or drama. While doing so, they will learn to analyze and evaluate various elements of literature: plot, character, setting, symbolism, imagery, metaphor, sound, rhythm, form. Recent offerings include Modern African-American Literature, Literature and Religion, Literature by Women, Modern Latin-American Literature, Literature and War, Modern Southern Literature, and Literature and Medicine. This course may be repeated for elective credit provided the theme or topic is different.

ENG 2023 Introduction to Grammar A study of the structure of the English language based upon the principles of the traditional system of grammar but complemented by the insights of the structural and transformational systems.

ENG 2033 Introduction to Rhetoric More advanced than required composition classes, this course will provide students the opportunity to master a range of writing strategies, to produce a variety of forms of discourse, to tailor messages to different audiences, to explore the influences of oral and visual elements on the writing process, to investigate the effects of media on culture, and to master the roles of technology in communication. Prerequisite: ENG 1213 Composition II.

ENG 2113 World Literature I A study of the literature of the western world from the classical Greek poets through the Renaissance. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 2123 World Literature II A study of the literature of the western world from European neoclassicism through contemporary symbolism. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3003 Literature for Young Adults This course introduces students to a range of classic and contemporary fiction and poetry written for or about young adults. Although literary analysis and appreciation will be the principal focus of the course, an important secondary emphasis will be selecting and teaching literature to young adults, taking into account their development and needs.

ENG 3013 Creative Writing: Lyric A workshop in which students explore the creative process both by studying lyric theory and technique and by writing a variety of lyric poems. Attempting to balance imagination and analysis, this course helps students find lyric voices with which to express their experiences, impressions, or ideas and provides guidance as they clarify those expressions through the exacting work of revision. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3023 Creative Writing: Narrative A workshop in which students explore the creative process both by studying narrative theory and technique and by writing a variety of short fiction. Attempting to balance imagination and analysis, this course helps students find narrative voices with which to express their experiences, impressions, or ideas and provides guidance as they clarify those expressions through the exacting work of revision. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3033 British Literature I A survey of British literature and literary history from the Anglo-Saxon period to the beginning of the Romantic period. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3043 British Literature II A survey of British literature and literary history from the Romantic period to the present. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3053 American Literature I A study of American writers from the colonial period to 1865. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3063 American Literature II A study of the major American writers of poetry, prose, and drama since 1865. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 3112 Writing in Business and Economics This course focuses on a number of different types of writing projects of value to students in business and economics. These include technical reports, grant proposals, popular essays on economic issues or on other business-related topics, and

scholarly papers. In order to link academic writing to an actual research project, this course will be linked to one or more courses in business or economics. Prerequisite: ENG 1213 Composition II.

ENG 3122 Writing in the Natural Sciences This course focuses on a number of different types of writing projects of value to students in the natural sciences. These include technical reports, grant proposals, popular essays on scientific topics, and scholarly papers. In order to link academic writing to an actual research project, this course will be linked to one or more courses in the natural sciences. Prerequisite: ENG 1213 Composition II

ENG 3183 Research Methods and Writing An introduction to a variety of research methods, including both quantitative and qualitative methods. Emphasis will be placed on reporting the results of research in both writing and oral presentations. Prerequisite: ENG 1213 Composition II

ENG 4013 Introduction to Linguistics This course introduces students to the advanced study of language. Topics include the nature of language and its roles in society; language acquisition and processing; phonology, morphology, syntax, and semantics. Prerequisite: ENG 2023 Introduction to Grammar.

ENG 4033 History of the English Language This course traces the development of the English language throughout the Old English (450-1100), Middle English (1100-1500), and Early Modern English (1500-1800) periods. While it will give considerable emphasis to matters of historical linguistics (such as vowel and consonant shifts), special attention will be given to literary texts written in Old and Middle English, particularly *Beowulf* and Chaucer's *Canterbury Tales*. Prerequisite: ENG 4013 Introduction to Linguistics.

ENG 4043 American Novel Major American novels and novelists are studied. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 4053 Shakespeare An introduction to Shakespeare's plays through a study of representative historical drama, comedies, and tragedies. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 4063 Form and Theory of Poetry This course is designed to help students develop the technical knowledge and analytical skills to understand discuss, and enjoy poetry at an advanced level. They will read and analyze poems which represent many forms, styles, and historical periods, although the focus will be on contemporary poetry. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 4083 British Novel Major British novels and novelists are studied. Prerequisite: ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

ENG 4442-4452 Senior Seminar in English This seminar is designed to be the culmination

of the student's literary studies. In the fall, the course will cover advanced research methodologies; students will select a research topic and begin research. In the spring, students will complete a senior thesis, present the results of their research, and compose a reflective essay that evaluates their intellectual growth through the English major. Students must register for both parts of the course. Prerequisites: Senior status and ENG 2003 Introduction to Literature, or ENG 2013 Themes in Literature.

Note: Introduction to Literature (ENG 2003) or Themes in Literature (ENG 2013) is a prerequisite for all courses offered as special studies (ENG 2783 or 4783) or seminars (ENG 3983).

Environmental Studies

The environmental studies program offered at the University of the Ozarks is a unique degree program that focuses on the study of both the natural process of the physical environment as well as the social and political contexts that effect and are affected by the environment. This program combines courses from the natural sciences (biology, ecology, botany) with courses from the social sciences (sociology, geography, political science, ethics) to form a truly interdisciplinary program. Students will have the opportunity to work with faculty from diverse disciplinary backgrounds, enabling them to gain a wide perspective on human/environment interaction.

This program offers students an opportunity to study the technical and theoretical background of environmental issues, which includes laboratory experience and field methods relevant to environmental monitoring and research. Students are also given the opportunity to study the human (i.e. social) dimensions of the physical environment, with a focus on human/environment interaction as well as policy-making.

This program is intended to provide students with a basis for advanced study in a number of areas (sociology, natural resource management, public policy, environmental planning, etc.). This program will also prepare students for careers in environmentally related professions such as government agencies, consulting firms, advocacy groups, or law school.

ISOs of the Environmental Studies Program

1. Students will communicate effectively in professional scientific formats.
2. Students will think critically when they read professional literature, solve problems, and when they design and conduct experiments and interpret their data.
3. Students will acquire a general knowledge of the natural and social sciences as related to environmental problems.
4. Students will demonstrate awareness of their responsibilities by examining and developing standards of ethics and integrity appropriate for professionals, respecting the diversity of life, and contributing to the welfare of their community and ecosystem.

5. Students will be prepared to pursue advanced study in graduate and professional schools, or to acquire careers in environmentally related professions such as with government agencies, environmental consulting firms, advocacy groups, or law school.

Major: Environmental Studies major shall consist of 36 hours including the following:

Environmental Studies Core

BIO 1104	Biology Concepts or BIO 1214 Principles of Biology I
BIO 2124	Botany
BIO 3234	Principles of Ecology
ENS 1013	Introduction to Environmental Studies
ENS 3013	Environmental Ethics
ENS 3033	Environment, Natural Resources, and Community
ENS 4003	Environmental Studies Thesis
GEO 2043	Physical Geography
PLS 3043	Public Policy
SOC 1013	Introduction to Sociology
3 hours	Statistics elective

No more than six credit hours of Environmental Studies course requirements may count toward another major or minor.

Students may elect to enhance their academic experience and career opportunities through additional coursework in an area of emphasis. These students should consult with their advisors to select from the areas listed below or to customize an emphasis to the students' needs and interests. Relevant internships are also available.

Biology:

BIO 2014 Zoology
BIO 4234 Lichenology
BIO 4543 Animal Behavior

Chemistry:

CHM 1014 General Chemistry
CHM 1024 General Chemistry II
CHM 3014 Organic Chemistry I

Marketing Tourism:

MKT 1003 Marketing Concepts
MKT 3133 Hospitality Marketing
MKT 4113 Promotional Strategies

Public Policy and Law:

GEO 2013 Cultural Geography
PLS 4023 Introduction to Public Administration
PLS 4783 Environmental Law

Sociology:

SOC 2013 Social Problems
SOC 2023 Social Research Methods
SOC 4023 Social Theory

Psychology:

PSY 1003 General Psychology
PSY 3043 Social Psychology
PSY4783 Environmental Psychology

BS Degree: Eight Consecutive Semester Course of Study

for the Major of Environmental Studies

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Composition I
- Critical Inquiry
- Biology Concepts or Principles of Biology I
- Introduction to Environmental Studies

Spring Semester (16 or 17 hours)

- Composition II
- Introduction to Sociology

Either Semester:

- Basic Oral Communications
- College Algebra (Calculus if Math ACT is 25 or higher)
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- ENS core

Spring Semester (16 or 17 hours)

- Botany
- ENS core

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Principles of Ecology
- ENS core

Spring Semester (16 or 17 hours)

- ENS core

Either semester:

- General Education courses from Distribution Requirements or general electives* to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12-14 hours)

- Principles of Ecology if offered
- ENS core

Spring Semester (12-14 hours)

- ENS core
- Environmental Studies Thesis

Either Semester:

- General electives* to total 12 or 14 hours

*May be chosen from list of courses that satisfy an emphasis area of study.

Courses

ENS 1013 Introduction to Environmental Studies The course shall consist of (a) study of the web of life and the Earth's ecosystems, (b) mankind's use of and impact upon the Earth, (c) environmental problems (air and water pollution, ozone depletion, global warming, resource depletion, etc.), (d) consideration of the ethical dilemmas and alternatives.

ENS 3013 Environmental Ethics Over time there have been many different human conceptions of their physical environments. Many of these conceptions are strongly linked to ethical values and beliefs, some of which have contributed to environmental degradation and crisis. There currently exist many different perspectives concerning the relationship between humankind and the earth. The purpose of this class is to examine these many and varied conceptions of the human/environment relationship. Ethical perspectives include Judeo-Christian, Native American, Islamic, Buddhist, Hindu, and Confucian. Junior standing or permission of the Instructor required.

ENS 3033 Environment, Natural Resources, and Community Environment, Natural Resources, and Community is an overview of the relationship between human populations and their physical environments. This class involves the sociological study of a variety of environmental problems and issues including but not limited to natural resource scarcity and use, overpopulation, urbanization, the environmental movement, and global warming. Prerequisite: SOC 1013 Introduction to Sociology, or ENS 1013 Introduction to Environmental Studies.

ENS 4003 Environmental Studies Thesis This senior level capstone course consists of directed individual study on a topic determined by the faculty and student. The student will use this class to write a senior level thesis.

Foreign Languages

Three foreign languages, German, Spanish, French, are offered at Ozarks. When demand is sufficient, New Testament Greek will be offered as an intense foreign language program for students entering the seminary. Foreign language courses are aimed at serving the needs both of students who plan to enter one of the professions and of those who simply want to develop their cultural base through the study of a second language. See also under Education, EDU 4133 Methods of Teaching Foreign Language. International students may not receive credit in a lower-division foreign language class in their native language. Those students who can demonstrate to the foreign language faculty they are proficient in a second language may, with the approval of the division chair and the vice president for academic affairs, have the foreign language requirement waived.

French

FRE 1013, 1023 Elementary French I & II These are foundation courses in the fundamental French language skills of listening, comprehension, speaking, reading, writing, and cultural insight. Three hours of class per week, and two hours of listening to tapes and records which accompany the text. FRE 1013 required for FRE 1023.

FRE 2013, 2023 Intermediate French I & II These are the intermediate level courses in the French language skills of listening, comprehension, speaking, reading, writing, and cultural insight. Three hours of class per week, and two hours of listening to tapes and records which accompany the text. Prerequisites: FRE 1013 Elementary French I and FRE 1023 Elementary French II, or two years of high school French, or the Instructor's permission. FRE 2013 required for FRE 2023.

Geography

GEO 2013 Cultural Geography Introduction to basic concepts and patterns of distribution of population and of physical environment, settlement, and urbanization.

GEO 2023 Regional Geography: Eurasian Regions Survey of physical and human geography of selected regions of Eurasian continents. These regions include Western Europe, Middle East, East Europe, Russia, China, Japan, South Asia, and Southeast Asia.

GEO 2043 Physical Geography An introduction to spatial analysis of all the physical elements and processes that make up the environment: energy, air, water, weather, climate, landform, soils, animals, plants, and Earth itself. Underlying this is the theme of human activity, impact, and debate on the shared human-Earth relationship. Geographers use systems analysis as a methodology (standards, rules and techniques of information production of knowledge). Geography is eclectic, integration in a wide range of subject matter from diverse fields. The instructor will assign professional readings and

assist the student in her or his dialogue between a viable consciousness relative to the Earth--self relationship and knowledge generated by scientific research. Ultimately, the student must address the Shallow and Deep ecology man--Earth issue.

German

GRM 1013, 1023 Elementary German I & II These are foundation courses in the fundamental German language skills of listening, comprehension, speaking, reading, writing, and cultural insight. Three hours of class per week, and two hours of listening to tapes and records which accompany the text. Prerequisite: GRM 1013 required for GRM 1023.

GRM 2013, 2023 Intermediate German I & II These are the intermediate level courses in the German language skills of listening, comprehension, speaking, reading, writing, and cultural insight. Three hours of class per week, and two hours of listening to tapes and records which accompany the text. Prerequisites: GRM 1013 Elementary German I and GRM 1023 Elementary German II, or two years of high school German, or the Instructor's permission. GRM 2013 required for GRM 2023.

Greek

GRK 2513-2523 New Testament Greek for Beginners These courses are designed to give the student a knowledge of the grammar and vocabulary of the Greek New Testament. Some reading of excerpts from the New Testament is used. Prerequisite: GRK 2513 required for GRK 2523.

GRK 3513-3523 Intermediate New Testament Greek These courses consist of selected readings in Greek from the Gospels, Acts of the Apostles, and Epistles in the New Testament. Prerequisites: GRK 2513-2523 New Testament Greek for Beginners. GRK 3513 required for GRK 3523.

History

The study of the human past is essential to a proper understanding of the human condition, and history students at Ozarks exercise a wide range of skills that help them develop as mature, responsible, and conscientious people. Intellectually, they improve their abilities to think critically and express themselves in writing and speech as they learn to interpret and synthesize historical patterns and arguments. Socially, they grow more respectful of the viewpoints of other individuals and cultures as they learn about different historical contexts and share their impressions in class discussions. Spiritually, they become more aware of their own potential for positive change and contribution as they weight the repercussions of the actions and decisions that different groups and individuals have undertaken throughout history.

ISOs of the History Program

1. Graduates will be able to construct clear, insightful, and properly documented interpretations of well-defined historical subjects through analysis of relevant primary and secondary sources.
2. They will demonstrate an awareness of different schools of historical interpretation by adducing these appropriately in specific scholarly contexts.
3. They will have a sophisticated understanding of the persons and events prominent in American history and of the principal social, economic, political, religious, and intellectual characteristics of the United States.
4. They will have a sophisticated understanding of the persons and events prominent in European history and of the principal social, economic, political, religious, and intellectual characteristics of Europe.
5. They will have a sophisticated understanding of the persons and events prominent in the history of at least one non-western culture and of its principal social, economic, political, religious, and intellectual characteristics and will be able to make comparisons and contrasts with western cultures.
6. They will be prepared to pursue advanced study in graduate or professional schools, to enter secondary-school education, or to obtain other positions both within the field and without.

Major All history majors will complete the following courses:

HIS 2013	World Civilization I
HIS 2023	World Civilization II
HIS 2113	American History I
HIS 2123	American History II
HIS 3013	Historiography
HIS 4442-4452	Senior Seminar in History
Six hours of upper-level course work in American history	
Six hours of upper-level course work in European history	
Three hours of upper-level course work in non-western history	

All course work leading to a degree in history must be approved by a student's history advisor.

History majors are strongly encouraged to fulfill their global awareness requirement with the study of a foreign language.

Minor All history minors will complete the following courses:

HIS 2013	World Civilization I
HIS 2023	World Civilization II
HIS 2113	American History I

HIS 2123 American History II

Six hours of electives in history

All course work leading to a minor in history must be approved by a student's history advisor.

Licensure Requirements Students may seek teacher licensure by fulfilling the requirements for a bachelor of arts degree in history. Students should fill the six hours of upper-level humanities/social science hours with social science classes chosen in consultation with their history advisor. All students seeking Social Studies licensure in Arkansas are required to take a course in Arkansas History. Students are encouraged to fulfill their Natural Science requirements with a biology course and either Physical Science, Earth Science, or Astronomy. In addition to these requirements, the following professional education sequence must be completed:

EDU 3312	Teaching Internship I
EDU 2003	Education and the Growth of the American Republic
SPE 2013	Survey of Exceptionalities in Today's World
EDU 4403	Educational Assessment
EDU 3053	Principles of Learning and Teaching
EDU 4312	Teaching Internship II
EDU 4443	Combined Secondary Methods

BA Degree: Eight Consecutive Semester Course of Study

for the Major of HISTORY

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Composition I
- Critical Inquiry

Either Semester:

- Basic Oral Communication
- College Algebra
- US History I or World Civilization I
- US History II or World Civilization II
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Composition II

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- * Elementary Language I

Either Semester:

- US History I or World Civilization I
- US History II or World Civilization II
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Upper-level History
- * Elementary Language II

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Historiography**
- Upper-level American or European History

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Upper-level American or European History
- Upper-level Non-Western History***

SENIOR YEAR

Fall Semester (12 or 14 hours)

- Historiography**
Upper-level American or European History (if not completed)
- Senior Seminar in History

Either Semester:

- General electives to total 12-14 hours

* History majors are strongly encouraged to fulfill their global awareness requirement with the study of a foreign language.

**Historiography will be offered Fall Semester of even numbered years (2004, 2006, etc.)

***Upper-level Non-Western History is currently offered only in spring semester of odd numbered years (2005, 2007, etc.)

BA Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of History

*For students starting in the fall semester of an **even numbered year** (e.g. 2006)*

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Composition I
- Critical Inquiry
- US History I/World Civilization I

Spring Semester (16 or 17 hours)

- Composition II
- US History II/World Civilization II

Either semester:

- Basic Oral Communication
- College Algebra
- American National Government (R)
- General Education from Education to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- US History I/World Civilization I

Spring Semester (16 or 17 hours)

- US History II/World Civilization II
- Arkansas History

Either semester:

- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- Introduction to Political Science (R)
- Cultural Geography (R)
- Physical Geography (R)
- General Education from Distribution to total 16 or 17 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Historiography
- Principles of Learning & Teaching
- Principles of Macroeconomics (R)

Spring Semester (16 or 17 hours)

- Education Practicum
- Combined Secondary Methods
- Educational Assessment

Either semester:

- Upper-level European History
- Upper-level Non-western History**
- General Psychology (R)
- Introduction to Sociology (R)
- General Education from Distribution or General electives to total 16 or 17 hours)

SENIOR YEAR

Fall Semester (12 to 17 hours)

- Upper-level European History
- Upper-level American History
- Senior Seminar in History
- Internship I

Spring Semester (14 hours)

- Senior Seminar in History
- Internship II

- General electives to total 12 to 17 hours
- Praxis II, Application for Internship II

(R) denotes recommended class

**Upper-level Non-Western History is currently offered only in spring semesters of odd numbered years (2005, 2007, etc.)

*For students starting in the fall semester of an **odd numbered year** (e.g. 2005)*

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Composition I
- Critical Inquiry
- US History I/World Civilization I

Spring Semester (16 or 17 hours)

- Composition II
- US History II/World Civilization II

Either semester:

- Basic Oral Communication
- College Algebra
- American National Government (R)
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- US History I/World Civilization I

Spring Semester (16 or 17 hours)

- US History II/World Civilization II

Either semester:

- Upper-level Non-Western History**
- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- Introduction to Political Science (R)
- Cultural Geography (R)
- Physical Geography (R)
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I exam, Application to Teacher Education Program

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Principles of Learning & Teaching
- Principles of Macroeconomics (R)

Spring Semester (16 or 17 hours)

- Arkansas History
- Education Practicum
- Combined Secondary Methods
- Educational Assessment

Either Semester:

- Upper-level American History
- Upper-level European History
- General Psychology (R)
- Introduction to Sociology (R)
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 to 17 hours)

- Historiography

Spring Semester (14 hours)

- Senior Seminar in History

- Upper-level European History
- Senior Seminar in History
- General electives to total 12 to 17 hours (must complete term with minimum 110 cumulative hours)
- Praxis II, Application for Internship II
- Directed Teaching

(R) denotes recommended class

**Upper-level Non-Western History is currently offered only in spring semesters of odd numbered years (2005, 2007, etc.)

Courses

HIS 2013 World Civilization I Surveys western and near and far eastern societies from prehistoric times up to 1500 CE. Emphasis is placed upon the relationships between intellectual, political, religious, economic, and cultural developments.

HIS 2023 World Civilization II Surveys western and near and far eastern societies from 1500 CE to the present. Emphasis is placed upon the relationships between intellectual, political, religious, economic, and cultural developments. Prerequisite: HIS 2013 World Civilization I.

HIS 2113 American History I A survey of the major social, economic, cultural, and political issues that helped shape the region of the present-day United States from the pre-Columbian era through the Civil War. Highlights include early exploration, colonial development, the American Revolution, the emergence of an American national identity, and the conflict over slavery. Format consists of lecture supplemented by weekly discussions of historical documents.

HIS 2123 American History II A survey of the major social, economic, political, and diplomatic issues that shaped the United States' domestic and international situation from Reconstruction through the early 1990s. Highlights include industrialization, government reform movements, imperialism, mass culture, and the implications of "superpower" status. Format consists of lecture supplemented by weekly discussions of historical documents.

HIS 3003 Arkansas History A detailed examination of the development of Arkansas from its earliest settlement through the present. Emphasis is placed on the regional and cultural distinctions within Arkansas, as well as the state's relation to national trends. Highlights include the colonial and territorial periods, the challenges of early statehood, the conflicts between "progress" and "tradition," the push for modernization, and the evolution of Arkansas' rustic image. Format consists of lecture supplemented by class discussion and student presentations.

HIS 3013 Historiography Investigates various historians and schools of history. Begins with the development of the western historical tradition in the ancient world and continues through modern and

postmodern theories and methodologies of the twentieth century. The course will also cover methodologies of historical research, and current issues in public history.

HIS 3113 Colonial America A reading-intensive examination of the British colonial presence in North America, from earliest exploration through the American Revolution. Highlights include English motivations for colonization, the adoption and evolution of forced labor systems, the influences of Africans and Indians, the distinctions between various geographic and cultural regions, the “maturation” of colonial society, and the imperial crisis between the colonies and mother country. Format consists of discussion of assigned readings supplemented by in-class presentations, with a premium placed on active student participation. Prerequisite: Permission of the Instructor.

HIS 3123 Civil War and Reconstruction A reading-intensive examination of United States history between 1846 and 1877, the period that witness the breakdown, break-up, and imperfect repair of the Union. Emphasis is placed on appreciating the magnitude of the causes, costs, and consequences of the Civil War. Highlights include the sectional crisis, the implications of secession, the war’s burdens on soldiers and civilians, the emancipation of slaves, and the promises and shortcomings of Reconstruction. Format consists of discussion of assigned readings supplemented by in-class presentations, with a premium placed on active student participation. Prerequisite: Permission of the Instructor.

HIS 3213 British History I Emphasis placed upon political and constitutional developments through the Restoration, with special attention to the growth of common law and the Parliament. Religious and economic issues are also examined. Prerequisite: HIS 2013 World Civilization I, or consent of the Instructor.

HIS 3223 British History II Surveys British history since 1660. Emphasis is placed on social and political developments since the Restoration. Topics to be covered include constitutional changes, industrialization and development of class society, growth and decline of empire, and national identity in the British Isles. Prerequisite: HIS 2023 World Civilization II, or consent of the Instructor.

HIS 3313 History of India A survey of the history of the Indian subcontinent, with emphasis on the period from the Mughal Empire in the 16th century to independence and partition in 1947. Topics covered include the Hindu and Muslim traditions in India, the origins and impact of caste, imperialism and the British Raj, the growth of Indian nationalism, the life and ideas of Gandhi, and decolonization and its aftermath. This course fulfills the non-western history requirement. Prerequisite: HIS 2023 World Civilization II, or consent of the Instructor.

HIS 3411-3 Internship Through placement at a museum, historical society, state or national park, or other appropriate site the student will have the opportunity to practice historical work in a non-academic setting. An internship proposal with work plan, journal, and final paper are required. Prerequisite: Permission of the history internship advisor.

HIS 4033, 4043 History of American Constitutional Law and Thought A study of the

development and application of American constitutional law as interpreted in the leading decisions of the Supreme Court. 1st Semester: constitutional institutions and principles. 2nd Semester: civil liberties and criminal justice. Prerequisite: PLS 2013 American National Government.

HIS 4133 American Frontier A reading-intensive examination of frontier interaction and expansion within the present-day United States, from the pre-Columbian era through the late nineteenth century. Emphasis is placed on examining the mythology associated with American frontiers, and on exploring the nuances of intercultural relations in different eras and regions. Highlights include an introduction to ethnohistorical methods, as well as in-depth discussions of Spanish missions, the French fur trade, frontier warfare, westward migration, and government policies toward American Indians. Format consists of discussion of assigned readings supplemented by in-class presentations, with a premium placed on active student participation. Prerequisite: Permission of the Instructor.

HIS 4143 Twentieth-Century America A reading-intensive examination of United States history from 1900 through 1990s. Emphasis is placed on the expansion of the federal government's role in domestic and international affairs, as well as the increasing nationalization of American culture. Highlights include the development of the welfare state, the controversy over modernism, the growth of a military and industrial superpower, the rise of the modern Civil Rights movement, the challenges of the Cold War, and the demands of a new world order. Format consists of discussion of assigned readings supplemented by in-class presentations, with a premium placed on active student participation. Prerequisite: Permission of the Instructor.

HIS 4203 Antiquity and the Middle Ages This course covers the period from Mycenaean culture (1300 BCE) through the fall of the Roman empire in the west (500 CE) to the Black Death (1350 CE). Emphasis is placed on Athens and Sparta during the time of Socrates and Thucydides, the Roman Republic and Empire, the origins and growth of Christianity, the Germanic kingdoms of the early middle ages, cross-cultural relations between Islam and the west, and the High Middle Ages (1100-1300), particularly in terms of the arts and the relationship between the church and the state. Prerequisite: HIS 2013 World Civilization I, or consent of the Instructor.

HIS 4213 Early Modern Europe Detailed study of Europe between 1350 and 1650. Intellectual and political developments during the Renaissance are examined. Christian Humanism and the relationship between the Northern Renaissance and the Reformation are emphasized. Luther, Calvin, and the Radical Reformers are stressed. Prerequisite: HIS 2013 World Civilization I, or consent of the instructor.

HIS 4223 Revolutionary Europe In depth study of Europe from 1750 to 1900. Topics to be covered include the impact of industrialization, the French Revolution, class society and democratization, nationalism, and imperialism. Prerequisite: HIS 2023 World Civilization II, or consent of the Instructor.

HIS 4233 Twentieth-Century Europe Detailed study of Europe from 1900 to the present. Topics to be covered include the great wars of the twentieth century and their social, political, and

cultural ramifications, the growth of fascism and totalitarian governments. Prerequisite: HIS 2023 World Civilization II, or consent of the Instructor.

HIS 4313 Survey of Russian History and Culture Traces the development of a distinctive [blending western and non-western traditions] Russian culture from its origins in the ninth century through the breakup of the Soviet Union. Emphasis is placed on the origins of Russian Christianity and the formation of the Russian state, Russia's relationship with Byzantium, the Tatar conquest, the attempts by Peter and Catherine the Great to westernize and modernize Russia, internal conflicts tracking from 17th century relative to Russia's identity and her relationship to the west, the revolutions of 1825 and 1917, and the emergence of totalitarianism during the dictatorship of Lenin and Stalin, and the atrophy of the communist system beginning in the Khrushchev era. This course fulfills the non-western history requirement. Prerequisite: HIS 2023 World Civilization II, or consent of the Instructor.

HIS 4333 Topics in Comparative History An upper-level, reading-intensive course focusing on the comparison of a particular historical topic across different cultural and temporal contexts. Special emphasis will be placed on applying the designated topic to non-western, non-European settings. Possible topics include slavery, imperialism, industrialization, and statecraft. Students may repeat this course for credit provided the topics are different. This course fulfills the non-western history requirement. Prerequisites: HIS 2013 World Civilization I and HIS 2023 World Civilization II, or consent of the Instructor.

HIS 4442-4452 Senior Seminar in History This seminar is designed to be the culmination of the student's history studies. In the fall, the course will cover advanced research methodologies; students will select a research topic and begin research. In the spring, students will complete a senior thesis, present the results of their research in the seminar, and take a comprehensive exam. Students must register for both parts of the course. Prerequisite: Senior status.

Humanities

HUM 2013 Humanities I A historical survey of art, literature, music, philosophy, and religion from the origins of human culture through the Renaissance. Although western culture will be emphasized, the cultures of the Near East, India, and China will also be examined. Students seeking to fulfill core requirements should note that Humanities I emphasizes cultural contexts and that World Civilization to 1600 emphasizes political contexts.

HUM 2023 Humanities II A historical survey of art, literature, music, philosophy, and religion from the Reformation and the Scientific Revolution through Postmodernism. Although Western culture will be emphasized, the cultures of Japan, pre-Columbian America, and pre-colonial Africa will also be examined. Students seeking to fulfill core requirements should note that Humanities II emphasizes cultural contexts and that World Civilization II emphasizes political contexts.

HUM 3113 Ancient World A study of art and music in the ancient world. Careful attention will

be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in ancient culture. Although Western culture will be emphasized, non-western cultures will also be explored, particularly those of the Near East, India and China.

HUM 3123 Medieval World A study of art and music in the Middle Ages. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in medieval culture. Although Western culture will be emphasized, Islamic culture will also be explored in some depth.

HUM 3133 Renaissance and Baroque A study of art and music from 1400-1750. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in Renaissance and Baroque cultural. Although Western culture will be emphasized, the music of native America and Japan will also be explored in some depth. Although Western culture will be emphasized, attention will also be paid to culture during this period in the Americas and Japan.

HUM 3143 Classicism and Romanticism A study of art and music in the eighteenth and nineteenth centuries. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in Classic and Romantic culture. Although Western culture will be emphasized, attention will also be paid to African culture.

HUM 3153 World of the Twentieth Century A study of art and music in the 20th century. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in twentieth-century culture. Although Western classical culture will be emphasized, attention will also be paid to popular culture American ethnic cultures.

Interdivisional Courses

IND 1003 Critical Inquiry The course focuses on developing and strengthening the foundation skills needed for academic success at the college level. It introduces the principles of critical thought and develops the habits of critical thinking through a variety of methods and activities. With emphasis on close reading, careful listening, civil discourse, logical reasoning and application of these skills to real-world situations, this course prepares students for the work they will do in all subsequent courses at the University. Student social skills are also addressed; a variety of social activities, cultural events and community service outings foster a connection with classmates, the school, and the community. Two or more peer mentors are assigned to each class to assist students in making the transition to college; peer mentors serve as resource/ contact people, role models and facilitators of small-group discussion.

IND 1891 Tutoring Techniques This one-hour course is designed to train students in the techniques they need to be peer tutors. Through readings, class discussions, group work, video, critiques, and activities students will be introduced to strategies for tutoring individuals and small groups. Students will also become aware of the academic and personal skills that have helped them to become successful students and will develop methods of sharing similar skills with the tutees. Each student must be working as a tutor during the semester the course is taken. Instructor permission is required.

IND 3013 Critical Inquiry: Peer Mentor The peer mentor's place in the Critical Inquiry course is to assist the faculty mentor in helping new students develop and strengthen the foundation skills needed for academic success at the college level. Peer mentors are used in a variety of ways in the course according to the needs and expectations of the individual faculty mentor, but most peer mentors are asked to monitor and facilitate small group discussions, serve as resource/contact people for students needing assistance, participate enthusiastically in academic and social activities of the group, and serve as good role models. Prerequisites: Students must have themselves completed the Critical Inquiry course and have been selected by a faculty mentor to serve in his/her section. The course may be taken two (2) times for credit.

IND 4891 Career Strategies This one-hour course is designed to assist students in maximizing their liberal arts education while pursuing their immediate goal toward employment or graduate school. In keeping with the University's mission, it will emphasize the "professional preparation" gained at Ozarks and provide students from all disciplines the opportunity to increase their personal knowledge of job readiness skills, career planning techniques, and graduate school requirements. Emphasis of subject matter will vary according to special interests, majors, goals, etc. of each specific class. Prerequisite-- Students must have completed 75 credit hours or obtain permission of the instructor. This course is most effective for first semester seniors beginning the job search process and second semester juniors preparing for entrance to graduate school. However, it is advisable for all seniors and juniors to take this course, even if they cannot fit it into their schedule at the optimum time for best results.

Management

See Business Enterprise section.

Marine Biology

Ozarks is affiliated with the Gulf Coast Research Laboratory located at Ocean Springs, Mississippi. The laboratory is part of the Institute of Marine Sciences of the University of Southern Mississippi. It is located on a 45-acre tract on the edge of the Mississippi Sound. Available on the GCRL campus are extensive research facilities, including research vessels, an electron microscope, computer equipment, dormitories, a cafeteria, a well-stocked library, and a research specimen museum. Qualified students may take courses at the laboratory which may be applied toward graduation requirements at Ozarks. Courses listed here may differ from the University of Southern Mississippi course catalog.

MAR 3005 Marine Science I: Oceanography This is an introductory course that provides the student with an excellent overview of the marine sciences. Includes laboratory sessions.

MAR 3015 Marine Science II: Marine Biology An overview of biological oceanography with emphasis on organisms, habitats, and ecological processes of inshore and near shore Gulf of Mexico waters. Includes laboratory sessions.

MAR 4036 Marine Invertebrate Zoology A concentrated study of the important free-living, marine and estuarine invertebrates of the Mississippi Sound and adjacent continental shelf. Includes laboratory session. Prerequisites: 12 hours of zoology including invertebrate zoology or the Instructor's consent.

MAR 4046 Parasites of Marine Animals A study of the parasites of marine estuarine animals. Includes laboratory sessions. Prerequisite: Parasitology or consent.

MAR 4055 Marine Ecology A consideration of the relationship of marine organisms to their environment. Includes laboratory sessions.

MAR 4065 Fauna and Faunistic Ecology of Tidal Marshes, Seagrasses, and Sand Beaches Primarily a field survey course dealing with the animals commonly found in the northern Gulf of Mexico. Includes laboratory sessions.

MAR 4076 Principles of Marine Aquaculture An introduction to principles and technologies applied to the culture of commercially important marine organisms. Includes laboratory sessions.

MAR 4086 Marine Ichthyology The objectives of the course are to provide the student with a strong general background in the biology of marine fishes. Includes laboratory sessions. Prerequisites: 16 hours of zoology including comparative anatomy.

MAR 4095 Marine Mammals The course will emphasize the natural history and population ecology of cetaceans. Prerequisites: Marine Science I or II or Ichthyology.

MAR 4104 Marine Fisheries Management The course is designed to familiarize students with practical marine fishery management in today's world. Includes laboratory sessions.

MAR 4204 Marine Phycology A survey of the principal groups of marine algae and marine flowering plants. Includes laboratory sessions. Prerequisite: Botany.

MAR 4215 Coastal Vegetation A study of the typical flora and vegetation of coastal regions throughout the world with examples from the Gulf Coastal Plain. Includes laboratory sessions. Prerequisite: Botany.

MAR 4224 Salt Marsh Plant Ecology This course will enable the student to become competent in understanding the complex nature of salt marshes. Includes laboratory sessions. Prerequisite: Botany.

MAR 4235 Marine Microbiology Microbiology and advanced biology students are introduced to the role of microorganisms in the overall ecology of the oceans and estuaries. Includes laboratory sessions. Prerequisite: Microbiology.

MAR 4306 Comparative Histology of Marine Organisms A detailed study of the histological organization of representative marine organisms. Includes laboratory sessions.

MAR 4414 Marine Chemistry A study of the chemical aspects of the oceans and the interactions of chemistry, biology, and geology in a marine environment. Includes laboratory sessions. Prerequisites: 16 hours of chemistry and 3-6 hours of biology.

MAR 4434 Environmental Estuarine Chemistry The course is a study of the sources, reactions, transport, effects and fates of environmental chemical species occurring in aquatic environments. Includes laboratory sessions. Prerequisites: 16 hours of chemistry and 3-6 hours of biology.

MAR 4573 Marine Science for Teachers A course designed to introduce in-service teachers, to the study of marine science and to promote the teaching of marine biology at all grade levels. Includes laboratory sessions.

MAR 4583 Marine Science for Elementary Teachers A course designed to prepare teachers of elementary grade children to conduct classes using marine related materials. Includes laboratory sessions.

MAR 4594 Coastal Ecology for Teachers This course provides teachers with a background in basic coastal ecology. Includes laboratory sessions.

MAR 4901-6 Special Problems in Marine Science Special problems are research oriented and grades are based on reports submitted by students.

MAR 4903-6 Aquarium Management This course correlates aspects of aquarium management to result in maintaining healthy specimens for display. The student may select the whole course as outlined, or concentrate on a specific problem in aquarium management with a final report being the end product.

MAR 4911-6 Special Topics in Marine Science This course provides opportunities for study in areas in which the laboratory offers no formal course. This course must be approved by the GCRL topic advisor and the student's institutional advisor.

Marketing

See Business Enterprise section.

Mathematics

The goals of the mathematics program are, first, to develop the skills required for mathematical work and, second, to expose the student to the major areas of mathematics.

ISOs of the Mathematics Program

1. Mathematics students will solve mathematical problems implementing the elementary skills of algebra, trigonometry and calculus.
2. Mathematics students will demonstrate an awareness, knowledge and understanding of basic mathematical principles in a variety of branches of mathematics.
3. Mathematics students will explain and communicate to others in a clear and concise manner the ideas and concepts regarding mathematical terminology, properties, definitions and theorems.
4. Mathematics students will demonstrate a sophisticated understanding of mathematical ideology and critical thinking and advanced problem solving skills in their approach to mathematical problems.
5. Mathematics students will be prepared to pursue advanced study in graduate or professional schools, to enter careers in secondary school education, or to obtain other positions both within the field of mathematics and without.

Major The requirements for a **bachelor of science in mathematics** are as follows:

MTH 2015 Calculus I

MTH 2024	Calculus II
MTH 2123	Discrete Mathematics
MTH 3023	Differential Equations
MTH 3114	Calculus III
MTH 3123	Linear Algebra
MTH 3033	Probability and Statistics
MTH 4213	Senior Project

Nine hours mathematics courses above the 2000 level

Eight hours of laboratory sciences from the Natural Science distribution courses including at least one course in physics

The requirements for a **bachelor of arts in mathematics** are as follows:

MTH 2015	Calculus I
MTH 2024	Calculus II
MTH 2123	Discrete Mathematics
MTH 3114	Calculus III
MTH 3123	Linear Algebra
MTH 4043	Introduction to Abstract Algebra
MTH 4213	Senior Project

Twelve hours of mathematics courses above the 2000 level

Eight hours of laboratory sciences from the Natural Science distribution courses including at least one course in physics

Minor A minor in mathematics shall consist of 18 semester hours in addition to College Algebra to include the following:

MTH 2015	Calculus I
MTH 2123	Discrete Mathematics
MTH 2024	Calculus II

Six hours of mathematics above the 2000 level

Licensure Requirements Students majoring in mathematics may seek teacher licensure by fulfilling the following specific requirements:

MTH 1043	Trigonometry
MTH 2015	Calculus I
MTH 2024	Calculus II
MTH 2123	Discrete Mathematics
MTH 3013	Modern Geometry
MTH 3114	Calculus III
MTH 3123	Linear Algebra
MTH 4043	Introduction to Abstract Algebra

MTH 4113 History of Mathematics
MTH 4213 Senior Project
One additional mathematics elective above the 2000 level

Students seeking licensure in mathematics are required to fulfill their Natural Science requirements with laboratory science courses. In addition to these requirements, the following professional education sequence must be completed:

EDU 3312 Teaching Internship I
EDU 2003 Education and Growth of the American Republic
SPE 2013 Survey of Exceptionalities in Today's World
EDU 4403 Educational Assessment
EDU 3053 Principles of Learning and Teaching
EDU 4312 Teaching Internship II
EDU 3063 Secondary School Math Methods or EDU 4443 Combined Secondary Methods

BA Degree: Eight Consecutive Semester Course of Study

for the Major of MATHEMATICS

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- If a student has an ACT mathematics score less than 25: *(College Algebra)
- If a student has an ACT mathematics score of 25 or more: Calculus I
- Critical Inquiry
- Composition I

Spring Semester (16 or 17 hours)

- If a student has an ACT mathematics score less than 25: *(College Trigonometry)
- If a student has an ACT mathematics score of 25 or more: Calculus II
- Composition II

Either semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- *(MTH 2015 Calculus I)
- Calculus III

Spring Semester (16 or 17 hours)

- *(Calculus II)

Either semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- *(Calculus III)
- *(Discrete Mathematics)
- Discrete Mathematics
- Mathematics Elective

Spring Semester (16 or 17 hours)

- *(Linear Algebra)
- Linear Algebra

Either Semester:

- Introduction to Abstract Algebra
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 or 15 hours)

- *(Senior Project)
- *(Mathematics electives) (3000-Level or above)
- Senior Project
- **Mathematics electives (3000-Level or above)

Spring Semester (12 or 15 hours)

- *(Abstract Algebra)
- *(Advanced Calculus)
- Abstract Algebra
- Advanced Calculus
- **Mathematics electives (3000-Level or above)

Either semester:

- Introduction to Abstract Algebra (if needed)
- General Education courses from Distribution Requirements or general electives to total 12 or 15 hours

****NOTE:** Mathematics courses with asterisks and inside parentheses each semester are designated for those students who began the mathematics major with MTH 1033 College Algebra.

BA Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of MATHEMATICS

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Critical Inquiry
- Composition I

ACT 20-24:

- College Algebra

ACT 25+:

- Calculus I

Either semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 15 to 17 hours

Spring Semester (16 or 17 hours)

- College Trigonometry
- Composition II

ACT 25+:

- Calculus II

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- Discrete Mathematics

ACT 20-24:

- Calculus I

ACT 25+:

- Calculus III

Either semester:

- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 to 17 hours
- Praxis I, Application to Teacher Education Program

Spring Semester (16 or 17 hours)

- Linear Algebra

ACT 20-24:

- Calculus II

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Calculus III (if not completed)
- Introduction to Abstract Algebra or Modern Geometry
- Principles of Learning and Teaching

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 15 to 17 hours

Spring Semester (16 or 17 hours)

- History of Mathematics
- Mathematics elective 3000-level or above
- Secondary School Math Methods

SENIOR YEAR

Fall Semester (12 or 17 hours)

- Senior Project
- Introduction to Abstract Algebra or Modern Geometry
- Educational Assessment
- Internship I
- Mathematics elective 3000-level or above
- General Education courses from Distribution

Spring Semester (12 hours)

- Internship II

Requirements or general electives to total 12 to 17 hours

- Praxis II, Application for Internship II

BS Degree: Eight Consecutive Semester Course of Study

for the Major of MATHEMATICS

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- If a student has an ACT mathematics score less than 25: **(College Algebra)
- If a student has an ACT mathematics score of 25 or more: Calculus I
- Critical Inquiry
- Composition I

Spring Semester (16 or 17 hours)

- If a student has an ACT mathematics score less than 25: **(College Trigonometry)
- If a student has an ACT mathematics score of 25 or more: Calculus II
- Composition II

Either semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- **(MTH 2015 Calculus I)
- Calculus III

Spring Semester (16 or 17 hours)

- **(Calculus II)
- Differential Equations

Either semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- **(Calculus III)
- **(Discrete Mathematics)
- Discrete Mathematics
- Mathematics Elective

Spring Semester (16 or 17 hours)

- **(Differential Equations)
- **(Linear Algebra)
- Linear Algebra
- Probability and Statistics

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 or 15 hours)

- **(Senior Project)
- **(Mathematics electives) (3000-Level or above)
- Senior Project
- **Mathematics electives (3000-Level or above)

Spring Semester (12 or 15 hours)

- **(Probability and Statistics)
- **(Abstract Algebra)
- **(Advanced Calculus)
- Abstract Algebra
- Advanced Calculus
- **Mathematics electives (3000-Level or above)

Either semester:

- General Education courses from Distribution Requirements or general electives to total 12 or 15 hours

****NOTE:** Mathematics courses with asterisks and inside parentheses each semester are designated for those students who began the mathematics major with MTH 1033 College Algebra.

BS Degree with Teacher Licensure: Eight Consecutive Semester Course of Study for the Major of MATHEMATICS

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Critical Inquiry
- Composition I

ACT 20-24:

- College Algebra

ACT 25+:

- Calculus I

Either semester:

- Basic Oral Communication
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- College Trigonometry
- Composition II

ACT 25+:

- Calculus II

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

ACT 20-24:

- Calculus I

ACT 25+:

- Calculus III

Either semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Education & Growth of the American Republic
- Survey of Exceptionalities in Today's World
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I, Application to Teacher Education Program

Spring Semester (16 or 17 hours)

ACT 20-24:

- Calculus II

ACT 25+:

- Differential Equations

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Calculus III (if not completed)
- Discrete Mathematics
- Introduction to Abstract Algebra or Modern Geometry
- Mathematics elective
- Principles of Learning and Teaching

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Differential Equations (if not completed)
- Linear Algebra
- Probability and Statistics
- History of Mathematics
- Secondary School Math Methods

SENIOR YEAR

Fall Semester (12 or 15 hours)

- Senior Project
- Introduction to Abstract Algebra or Modern Geometry
- Educational Assessment
- Internship I
- Mathematics electives (3000-level or above)
- Praxis II, Application for Internship II

Spring Semester (12 or 15 hours)

- Internship II

Either semester:

- General Education courses from Distribution Requirements or general electives to total 12 or 15 hours

Courses

MTH 1013 Contemporary Mathematics This course covers a variety of mathematical topics related to the history of mathematics and to applications of mathematics. Topics include mathematical problem solving, number representation and calculation, the real number system, consumer/financial mathematics, the metric system, and statistics. The course includes a mandatory laboratory in addition to the regular three hours of class meeting time. As a general elective, the course will be helpful to students who want or need additional help with applied mathematics.

MTH 1033 College Algebra This course satisfies the minimum mathematics requirement for graduation. The course covers properties of the real number system, functions and relations, graphing, systems of equations and logarithmic functions.

MTH 1043 College Trigonometry Circular functions and their graphs, identities, inverse trigonometric functions, trigonometric equations and applications of trigonometry. Prerequisite: MTH 1033 College Algebra, or its equivalent.

MTH 2015 Calculus I Analytic geometry, functions, limits; continuity, derivatives of algebraic functions, applications of the derivative, antiderivatives and integration, transcendental functions. Prerequisites: MTH 1033 College Algebra and MTH 1043 College Trigonometry.

MTH 2024 Calculus II Application of integration, Techniques of integration, indeterminate forms, sequences and series, conics, parametric equations, and polar coordinates. Prerequisite: MTH 2015 Calculus I.

MTH 2053 Mathematics for Middle Level Teachers I Topics include sets, systems of numeration, elementary number theory, algorithms, geometric principles, and data analysis.

MTH 2063 Mathematics for Elementary Level Teachers I Topics include sets, systems of numeration, elementary number theory, algorithms. For elementary education majors only.

MTH 2123 Discrete Mathematics Concepts covered are sets, functions, proof techniques, logic, logic circuits, relations on sets, counting, pigeonhole principle, binomial coefficients, recurrence relations, and graph theory. Prerequisite: MTH 1033 College Algebra (or its equivalent).

MTH 2153 Mathematics for Middle Level Teachers II This course is a continuation of MTH 2053. Prerequisite: MTH 2053 Mathematics for Middle Level Teachers I, or the Instructor's permission.

MTH 2163 Mathematics for Elementary Level Teachers II This course is a continuation of MTH 2063. Prerequisite: MTH 2063 Mathematics for Elementary Level Teachers I, or the Instructor's permission.

MTH 3013 Modern Geometry A modern development of Euclidean geometry with an introduction to non-Euclidean geometry. Prerequisite: MTH 1033 College Algebra.

MTH 3023 Differential Equations A study of techniques for solving various types of differential equations. Prerequisite: MTH 2024 Calculus II.

MTH 3033 Probability and Statistics Discrete and continuous random variables, probability distributions, moments and limit theorems. Prerequisite: MTH 2024 Calculus II.

MTH 3113 Data Structures Study of data structures and algorithms fundamental to computer science; abstract data-type concepts; measures of program running time and time complexity; algorithm analysis and design techniques, queues, stacks, and lists; methods of proof as they relate to program verification; sets, functions, and relations as they relate to the analysis of algorithms. Includes the study of algorithms, time complexity, and design techniques. Prerequisites: CSC 2023 Introduction to Programming, and MTH/CSC 2123 Discrete Math.

MTH 3114 Calculus III Calculus of several variables, and vector calculus. Prerequisite: MTH 2024 Calculus II.

MTH 3123 Linear Algebra Matrices and matrix algebra, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors. Prerequisite: MTH 2024 Calculus II.

MTH 3213 Numerical Analysis Introduction to the problems of numerical analysis emphasizing computational procedures and application. Topics covered will include roots of equations, numerical integration, least squares, simultaneous equations, and curve fitting. Prerequisites: MTH 2024 Calculus II and CSC 2023 Introduction to Programming.

MTH 3991-3 Directed Study in Mathematics Various topics, on demand. May be repeated for credit when topics vary. By special arrangement with the Instructor.

MTH 4013 Introduction to Mathematical Programming and Computer Algorithms An introduction to structure programming using Java. Topics include user-defined types, arrays, records, files and sets. Common algorithms and data structures used in application software will also be discussed. Prerequisites: CSC 2023 Introduction to Programming and MTH 2024 Calculus II.

MTH 4043 Introduction to Abstract Algebra An introduction to algebraic structures, primarily groups, rings, and fields. Prerequisite: MTH 2024 Calculus II.

MTH 4113 History of Mathematics Selected topics in the history of mathematics with an emphasis on the development of mathematics, and the people who contributed to those developments. Prerequisite: MTH 2024 Calculus II, or permission of the Instructor.

MTH 4143 Advanced Calculus Limits, continuity, and differentiation of functions of one and several variables, the Riemann integral, and vector analysis. Prerequisite: MTH 3114 Calculus III.

MTH 4213 Senior Project An independent research project arranged between a senior mathematics student and an instructor to provide intensive study in a particular area of interest on a topic approved by the mathematics faculty. The course includes a definition of goals appropriate for the advanced student, ways of attaining those goals, and means of measuring progress. Successful completion of this project is a requirement for graduation.

MTH 4991-3 Special Problems in Math Various topics, on demand. May be repeated for credit when topics vary. By special arrangement with the Instructor.

Music

The aims of the music program at Ozarks are parallel to those of the overall university mission. It provides coursework that encourages student intellectual development. The theory courses teach skills in musical analysis that deepen critical thinking skills; the music history courses explore, not only factual information about musical styles, repertoire and composers, but also the wider social, historical, and cultural context of the music, contributing to a broader knowledge of human culture.

All music students-and many non-music majors-participate in ensembles, providing an environment in which to further social development. Choir tours and concerts on- and off-campus provide opportunities to interact with a wide variety of people and to acquire the cooperative teamwork skills necessary for a successful performance. The applied music lessons taken to achieve solo performance skills require the development of self-discipline for technical progress and self-awareness for artistic expression.

Spiritual development is an implicit component of all these activities. Much of the ensemble music is drawn from the sacred music repertoire and performed for chapel services, providing spiritual inspiration for the whole campus community, not just the performers. Music-making in itself is essentially a spiritual activity, requiring the performer to think about and respond to ideas that do not find easy expression in ordinary words and everyday human activity.

Moreover, the music program contributes to the development of general students, not just music majors, providing opportunities for all University students to experience music both as performers and listeners and to deepen aesthetic understanding through the many fine arts/music courses offered in the general education program.

ISOs of the Music Program

1. Graduates will have performance skills sufficient to enter graduate programs in music or to pursue professional training for employment in a music field.
2. They will have sufficient knowledge of music theory and music history to enter graduate programs in music.
3. They will gain an understanding of music in relation to its historical and cultural context and learn to integrate music with another discipline.
4. They will acquire critical listening and analysis skills sufficient to identify-both in written and aural form-music from different periods, styles and cultures.
5. They will explore thoughtfully the place of music in their lives and to others and its value, not only as a medium for entertainment and self-expression, but also as a tool for developing self-discipline and as a positive, transformative force in creating teamwork and community.
6. They will develop, through their courses in music and through various co-curricular programs, the qualities we expect of all Ozarks students: an ability to think critically and to communicate effectively, a knowledge of human culture, and an awareness of one's responsibilities to oneself, humanity, the planet, and one's creator.

Major In addition to other requirements listed below, students majoring in music must fulfill the following course requirements:

MUS 1014	Theory I
MUS 1024	Theory II
MUS 1113	Introduction to Music Literature
MUS 2014	Theory III
MUS 3102	Basic Conducting
MUS 3124	Medieval World
MUS 3134	Renaissance and Baroque
MUS 3144	Classicism and Romanticism
MUS 3154	World of the Twentieth Century
MUS 4443	Senior Performance Seminar
	Applied Lessons
	Ensemble

Students pursue a bachelor of arts degree in music. Performance instruction is provided in either voice or keyboard. In consultation with their advisors, students are encouraged to combine their musical

training with courses in another field—religion, education, business, science or communications, e.g.—in order to pursue a curriculum appropriate to the pursuit of career goals.

All music majors must participate in at least one ensemble each semester they are enrolled in a curriculum leading to a degree in music (with a maximum of four hours of credit).

All music majors must satisfy the piano proficiency requirements. Those with a concentration in keyboard performance must satisfy the piano proficiency requirement by the end of their sophomore year. Those with a concentration in vocal performance must satisfy the piano proficiency requirement to graduate.

All music majors will be required to pass a comprehensive progress review with the music faculty prior to being admitted to the upper-level music classroom courses (3000/4000 LEC). Prerequisites for this review include:

1. Successful completion (a grade of C or better) of the music theory sequence (MUS 1014, 1024, 2014);
2. Successful completion (a grade of C or better) of Introduction to Music Literature (MUS 1113)

Minor A minor in music requires 18 hours as specified below:

MUS 3133	Renaissance and Baroque
MUS 3143	Classicism and Romanticism
MUS 1014	Theory I
MUS 1024	Theory II
MUS 1113	Introduction to Music Literature
	Applied Lessons
	Ensemble

A music minor must actively participate in at least one ensemble each semester in which they are enrolled in applied music lessons and/or enrolled in courses leading to the minor in music (with a maximum of four hours of credit).

All music majors and music minors are expected to attend all musical events on campus during any term in which they are taking applied music lessons. Students are expected to attend at least 75% of the concerts on a list published at the beginning of each term; attendance will be taken at each event. The requirement will be enforced through the applied music courses. Students who do not fulfill the requirement will receive grade deductions on their applied music course grades according to the following formula:

75% - 100% attendance	No penalty
50% - 74% attendance	½ letter grade
Less than 50%	1 full letter grade

BA Degree: Eight Consecutive Semester Course of Study

for the Major of MUSIC

FRESHMAN YEAR

Fall Semester (16 or 17 hours)

- Theory I
- Ensemble*:
University Chorus and/or
Select Ensemble
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ
- Critical Inquiry
- Composition I

Either semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Theory II
- Introduction to Music Literature
- Ensemble*:
University Chorus and/or
Select Ensemble
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ
- Composition II

SOPHOMORE YEAR

Fall Semester (16 or 17 hours)

- Theory III
- Ensemble*:
University Chorus and/or
Select Ensemble
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ

Either Semester:

- Satisfy piano proficiency requirement (majors with keyboard concentration)
- Comprehensive Progress Review (prerequisite for upper-level music courses)
- Humanities I or World Civilization I
- Humanities II or World Civilization II
- General Education courses from Distribution Requirements to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Ensemble*:
University Chorus and/or
Select Ensemble
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ
- Basic Conducting, with advisor recommendation

JUNIOR YEAR

Fall Semester (16 or 17 hours)

Spring Semester (16 or 17 hours)

- Ensemble*:
University Chorus and/or
Select Ensemble
 - One of the following Music History courses:
Medieval World
Renaissance and Baroque
Classicism and Romanticism
20th Century Culture
 - Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ
- Ensemble*:
University Chorus and/or
Select Ensemble
 - One of the following Music History courses:
Medieval World
Renaissance and Baroque
Classicism and Romanticism
20th Century Culture
 - Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ

Either Semester:

- Basic Conducting (if not completed in Sophomore Year)
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR

Fall Semester (12 or 15 hours)

- Senior Performance Seminar
- Ensemble*:
University Chorus and/or
Select Ensemble
- One of the following Music History courses:
Medieval World
Renaissance and Baroque
Classicism and Romanticism
20th Century Culture
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ

Spring Semester (12 or 15 hours)

- Senior Performance Seminar (if not taken in the Fall)
- Ensemble*:
University Chorus and/or
Select Ensemble
- One of the following Music History courses:
Medieval World
Renaissance and Baroque
Classicism and Romanticism
20th Century Culture
- Applied lessons **
Applied Voice or
Applied Piano or
Applied Organ

Either semester:

- Satisfy piano proficiency requirement (majors with vocal concentration)
- General electives to total 12 or 15 hours

*Maximum 4 hours credit

** Students enrolled in applied lessons must satisfy participation requirement (catalog pg. 159)

Courses

MUS 1003 Music Appreciation This course examines music from a number of view points, historical, sociological, structural and psychological in order to develop active, perceptive, listening skills in the general student; as well as an appreciation for a wide range of musical expressions. This course is not applicable toward a major or minor in music.

MUS 1013 The Language of Music This course provides a general introduction to basic music skills, including elementary music reading, basic musical terminology, a general introduction to essential

music literature, and some training in basic keyboard technique. The course will be team-taught by the music faculty and open to general students; those who think they might be interested in a music major or minor could find out quickly in this course whether they have the necessary skills and abilities. There will be competency exam given at the end of the course. If passed, students move on to music major courses in theory and music history. Students who can pass this exam coming into the program can move directly into the music major without taking the Language of Music course.

MUS 1014, 1024 Theory I & II These courses are designed to give a thorough background in both written theory skills – part writing, keyboard harmony, notation, intervals, keys, scales, triads, and cadences - and aural training – harmonic, rhythmic and melodic dictation, along with sight singing, approached through music literature.

MUS 1113 Introduction to Music Literature This course is a survey of classical art music from the Middle Ages through the 20th century that focuses on coverage of major composers, genres and standard concert repertoire, both vocal and instrumental. A portion of the class will also be devoted to the art of concert attendance; students will be required to prepare for, attend and write about select concerts that occur during the term.

MUS 2014 Theory III A study of tonal harmony emphasizing the basic elements of harmony which retained their validity from the early Baroque through the Romantic period, and a continuation of aural training.

MUS 3102 Basic Conducting The emphasis will be on techniques of conducting, together with score-reading and rehearsal techniques. The student will also have the opportunity to conduct at least two of the musical ensembles.

MUS 3114 Ancient World A study of music and art in the ancient world, supplemented by a two-hour lab session that will explore the traditional musics of Near Eastern, Indian and Chinese cultures in depth, using sophisticated musical terminology and analysis. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in ancient culture. Prerequisites: Completion of MUS 1014 Theory I, MUS 1024 Theory II, MUS 2014 Theory III, and MUS 1113 Introduction to Music Literature with a grade of C or better and successful passage of the comprehensive progress review.

MUS 3124 Medieval World A study of art and music in the Middle Ages, supplemented by a two-hour lab session that will explore the music of this period – that of Islamic societies as well as that of the West – in depth, using sophisticated musical terminology and analysis. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in the Middle Ages. Prerequisites: Completion of MUS 1014 Theory I, MUS 1024 Theory II, MUS 2014 Theory III, and MUS 1113 Introduction to Music Literature with a grade of C or better and successful passage of the comprehensive progress review.

MUS 3134 Renaissance and Baroque A study of music and art from 1400-1750, supplemented by a two-hour lab session that will explore the Western art music of this period – as well as the music of native America and Japan – in depth, using sophisticated musical terminology and analysis. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in these areas. Prerequisites: Completion of MUS 1014 Theory I, MUS 1024 Theory II, MUS 2014 Theory III, and MUS 1113 Introduction to Music Literature with a grade of C or better and successful passage of the comprehensive progress review.

MUS 3144 Classicism and Romanticism A study of music and art in the eighteenth and nineteenth centuries, supplemented by a two-hour lab session that will explore the Western art music of this period – as well as the music of Africa – in depth, using sophisticated musical terminology and analysis. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in the Classic and Romantic eras. Prerequisites: Completion of MUS 1014 Theory I, MUS 1024 Theory II, MUS 2014 Theory III, and MUS 1113 Introduction to Music Literature with a grade of C or better and successful passage of the comprehensive progress review.

MUS 3154 World of the Twentieth Century A study of music and art in the twentieth century, supplemented by a two-hour lab session that will explore Western art music – as well as popular music, jazz and some ethnic traditions – in depth, using sophisticated musical terminology and analysis. Careful attention will be paid to establishing the historical context for the works studied, drawing on religious and philosophical ideas, political/social developments and contemporary literature as needed to assure a full understanding of the arts in the 20th century. Prerequisites: Completion of MUS 1014 Theory I, MUS 1024 Theory II, MUS 2014 Theory III, and MUS 1113 Introduction to Music Literature with a grade of C or better and successful passage of the comprehensive progress review.

MUS 4443 Senior Performance Seminar This course will provide a capstone performance for the music major. While enrolled in the Senior Performance Seminar, each student will arrange for one of the following: a recital, a series of performances or an internship through which to demonstrate his/her performance skills. The course will also require a research/analysis paper, a rehearsal journal and a post-performance reflective essay. Successful completion of a comprehensive analysis exam – administered upon completion of the required course sequences in music theory and music history – is a prerequisite for enrollment in the Senior Performance Seminar.

Lessons and Ensembles

MUS 1201-3201, 1202-3202 Applied Voice Private instruction in voice designed to foster technique, performance skills and literature appropriate to the demonstrated ability of the individual student. Required attendance and performance in recital classes and a jury examination are required in this course. Course level will be determined by the voice faculty. Only music majors or minors with a

primary emphasis in voice may enroll for two credits. Concurrent enrollment in a choral ensemble is required of all students enrolled in applied voice. Prerequisite: Permission of the Instructor. May be repeated for credit.

MUS 1211 Voice Class A small group experience in vocal techniques and appropriate literature for the student with limited vocal background. The class will meet twice weekly. Recital class attendance will be expected, but no recital class or jury performance will be required. Music majors and minors are excluded. Concurrent enrollment in a choral ensemble is encouraged but not required. Prerequisite: None. May be repeated once for credit.

MUS 1301-3301, 1302-3302 Applied Piano Private instruction in piano designed to foster the development of techniques and literature appropriate to the demonstrated ability of the individual student. Required attendance and performance in recital classes and a jury examination are required in this course. Course level will be determined by the piano faculty. Only music majors and minors with a primary emphasis in piano may enroll for two credits. Concurrent enrollment in a major ensemble is encouraged for students who are neither music majors nor minors. Prerequisite: Permission of the Instructor. May be repeated for credit.

MUS 1311 Piano Class May be taken twice for credit. A small group experience in piano techniques and appropriate literature for the student with little or no piano background. The class will meet twice weekly. Recital class attendance will be expected, but no recital class or jury performance will be required. Concurrent enrollment in a major ensemble is encouraged but not required. Prerequisite: None. May be repeated once for credit.

MUS 1401-3401, 1402-3402 Applied Organ Literature studied may date from the fifteenth through the twentieth centuries. Instruction will be for the purpose of developing proficiency in ensemble, recital, and church service playing. For the beginning student; standard manual and pedal technique will be studied thoroughly. Concurrent enrollment in a major ensemble is encouraged for students who are neither music majors nor music minors. Prerequisite: Piano proficiency examination at the intermediate level.

MUS 1500, 1501 University Ringers Instrumental ensemble meeting twice a week to perform standard handbell literature. Monthly chapel performances and an annual concert are included in the experiences. May be repeated for credit (up to 4-hour maximum allowed).

MUS 2500, 2501 University Chorus A large, campus-wide mixed choir open to any student with no audition. A placement conference with the director is required, which is designed to apprise the student of his/her vocal potential but not eliminate anyone. The course will develop music reading and vocal skills and explore a wide variety of choral music. Two on-campus performances per semester and monthly chapel performances are included in the experiences. Prerequisites: Desire to sing and placement conference. May be repeated for credit (up to 4-hour maximum allowed).

MUS 3500, 3501 University Chorus A large, campus-wide mixed choir open to any student with

no audition. A placement conference with the director is required, which is designed to apprise the student of his/her vocal potential but not eliminate anyone. The course will develop music reading and vocal skills and explore a wide variety of choral music. Two on-campus performances per semester and monthly chapel performances are included in the experiences. Prerequisite: One year of lower-level University Chorus, or an audition with the director.

MUS 4201-4202 Advanced Voice A continuation of previous level. Maximum enrollment is two semesters. Demonstration of proficiency for this level is the presentation of a recital. Prerequisites: Approval of music faculty through jury performance and successful completion of a thirty-minute junior recital. May be taken twice for credit in preparation for a senior recital.

MUS 4301-4302 Advanced Piano A continuation of previous level. Maximum enrollment is two semesters. Demonstration of proficiency for this level is the presentation of a full recital. Prerequisites: Approval of music faculty through jury performance and successful completion of a thirty-minute junior recital. May be taken twice for credit in preparation for a senior recital.

MUS 4401-4402 Advanced Organ A continuation of the previous level of organ instruction. Prerequisites: Approval of music faculty through jury performance and successful completion of a thirty-minute junior recital. May be taken twice for credit in preparation for a senior recital.

MUS 4500, 4501 Select Ensemble An auditioned group numbering between twelve and sixteen voices. Concentration on the highest possible performance skills through the preparation of a wide variety of choral literature ranging from madrigals of the Renaissance to modern jazz arrangements will be the primary focus of this course. Open by audition only. Prerequisites: Audition and concurrent enrollment in MUS 2500/2501 University Chorus. May be repeated for credit (up to 4-hour maximum allowed.)

Physical Education

The Physical Education Program is administratively housed in the Division of Education and is physically located in the Mabee Sports Complex. The Program services both those students taking academic work in the Ozarks' General Education Curriculum as well as those students who seek a major or minor in the field. (Requirements for Physical Education in the General Studies Program are found elsewhere in this catalog.) Students who are interested in a career in physical education may choose to pursue a Bachelor of Science degree with either a teaching or non-teaching focus. A minor is also available in Health and a curriculum is offered that will lead to a Coaching endorsement by the state. Ozarks' Physical Education Program is cited as a nationally recognized program by the National Association for Sport and Physical Education (NASPE) and by the American Association of Health, Physical Education, Recreation and Dance (AAHPERD). The program is also fully accredited by the Arkansas State Department of Education (ASDE) and the National Council for the Accreditation of Teacher Education (NCATE).

ISOs of the Physical Education Program

Students pursuing a physical education program at the University of the Ozarks must demonstrate, among other requirements, professional competence in ten Intended Candidate Outcomes (ICOs). The ICOs are as follows:

The physical education student:

1. Understands physical education content and disciplinary concepts in the field.
2. Understands how children and youth learn and develop and can provide learning opportunities that support their physical, intellectual, social, and personal development.
3. Understands how individuals differ in their approaches to learning, and is able to adapt learning opportunities to accommodate these differences.
4. Uses an understanding of individual and group motivation and behavior to create a safe learning environment that encourages positive social interaction in learning and self-motivation.
5. Uses knowledge of effective verbal, nonverbal, and media communication techniques to enhance learning and engagement in physical activity settings.
6. Plans and implements developmentally appropriate instructional strategies based on state and national standards.
7. Understands and uses assessment strategies to foster physical, intellectual, social, and emotional development of students.
8. Is reflective, evaluating the effect of his or her actions on others, and seeks opportunities for professional growth.
9. Uses information technology to enhance learning.

10. Collaborates with colleagues, parents/guardians, and the community to enhance student learning.

The following are the requirements for a major in physical education. Students seeking licensure in this field must also meet the requirements listed under teacher education programs below.

Required Courses in the Physical Education Core:

PHE 1013	Introduction to Physical Education
PHE 3023	Physical Education for the Child
PHE 3043	Methods of Teaching Physical Education in Secondary Schools
PHE 3103	Principles of Physical Education
PHE 4003	Adaptive Physical Education
PHE 4023	Organization and Administration of Health and Physical Education
PHE 3223	Measurement and Evaluation

Required Courses in the Science Core :

PHE 2013	Anatomy
PHE 2603	Human Physiology
PHE 3123	Kinesiology
PHE 4103	Exercise Physiology

Required Courses in the Survival Core (1 of 2):

PHE 2023	First Aid
PHE 3073	Care and Prevention of Athletic Injuries

Required Activities Courses:

PHE 1221	Gymnastics
PHE 1411	Rhythmic Activities and Lead-up Games
	One course in swimming
	One course in fitness (Weight Training, Aerobic Fitness, or Physical Fitness)
	One course in dance
	Four courses in sports (Golf, Bowling, Racquetball, Tennis and Badminton, Team Sports)

Health Minor A minor in health shall consist of the following:

Required Course in the Instructional Core:

PHE 1023	Health and Safety
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Required Course in the Survival Core:

PHE 2023	First Aid
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Required Courses in the Science Core (2 of 4):

PHE 2013	Anatomy
PHE 2603	Human Physiology
PHE 4103	Exercise Physiology
BIO 3134	Microbiology

Required Courses in the Competencies Area:

PHE 2503	Drug Education
PHE 3003	Nutrition
PHE 3033	Mental and Emotional Health

Physical Education (P-8)

Students seeking licensure in this area are encouraged to fulfill their Area 1 distribution requirements with one year of foreign language and their Natural Science requirements with a biology course and either Physical Science, Earth Science, or Astronomy. A coaching endorsement requires additional hours.

Required Courses in Professional Education

EDU 2003	Education and the Growth of the American Republic
EDU 3053	Principles of Learning and Teaching
EDU 3312	Teaching Internship I
EDU 4312	Teaching Internship II
EDU 4403	Educational Assessment
SPE 2013	Survey of Exceptionalities in Today's World

Required Courses in the Specialty Area

Physical Education Core:

PHE 1013	Introduction to Physical Education
PHE 3023	Physical Education for the Child
PHE 3103	Principles of Physical Education
PHE 3223	Measurement and Evaluation
PHE 4003	Adaptive Physical Education
PHE 4023	Organization and Administration of Health and Physical Education

Required Courses in the Science Core:

PHE 2013	Anatomy
PHE 2603	Human Physiology
PHE 3123	Kinesiology
PHE 4103	Exercise Physiology

Required Course in the Survival Core (1 of 2)

PHE 2023	First Aid
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PHE 3073 Care and Prevention of Athletic Injuries

Required Courses in the Health Core

PHE 2503 Drug Education
PHE 3003 Nutrition
PHE 3033 Mental and Emotional Health
PHE 3062 Health Education

Required Activities Courses:

PHE 1221 Gymnastic
PHE 1411 Rhythmic Activities and Lead-up Games
One course in dance
One course in outdoor experience
One course in swimming
One course in fitness (Weight Training, Aerobic Fitness, or Physical Fitness)
Two courses in sports (Golf, Bowling, Racquetball, Tennis and Badminton, Team Sport)

Physical Education (7-12)

Students seeking licensure in this area are encouraged to fulfill Area 1 distribution requirements with one year of foreign language and Natural Science requirements with a biology course and either Physical Science, Earth Science, or Astronomy. A Coaching Endorsement requires additional hours.

Required Courses in Professional Education

EDU 2003 Education and the Growth of the American Republic
EDU 3053 Principles of Learning and Teaching
EDU 3312 Teaching Internship I
EDU 4312 Teaching Internship II
EDU 4403 Educational Assessment
SPE 2013 Survey of Exceptionalities in Today's World

Required Courses in the Specialty Area

Physical Education Core:

PHE 1013 Introduction to Physical Education
PHE 3043 Methods of Teaching PE in the Secondary Schools
PHE 3103 Principles of Physical Education
PHE 3223 Measurement and Evaluation
PHE 4003 Adaptive Physical Education
PHE 4023 Organization and Administration of Health and Physical Education

Required Courses in the Science Core:

PHE 2013 Anatomy

PHE 2603 Human Physiology
PHE 3123 Kinesiology
PHE 4103 Exercise Physiology

Required Course in the Survival Core (1 of 2)

PHE 2023 First Aid
PHE 3073 Care and Prevention of Athletic Injuries

Required Courses in the Health Core

PHE 2503 Drug Education
PHE 3003 Nutrition
PHE 3033 Mental and Emotional Health
PHE 3062 Health Education

Required Activities Courses

One course in dance
One course in outdoor experience
One course in swimming
One course in fitness (Weight Training, Aerobic Fitness, or Physical Fitness)
Four courses in sports (Golf, Bowling, Racquetball, Tennis and Badminton, Team Sport)

Coaching Endorsement

Specialization Requirements

PHE 4023 Organization and Administration of Health and Physical Education

Required Course in the Science Core (1 of 4)

PHE 2013 Anatomy
PHE 2603 Human Physiology
PHE 3123 Kinesiology
PHE 4103 Exercise Physiology

Required Course in the Survival Core (1 of 2)

PHE 2023 First Aid
PHE 3073 Care and Prevention of Athletic Injuries

Required Course in Coaching Theory

PHE 3013 Theory of Coaching Athletics

Activity Courses For Both
General Education and Major Programs

PHE 1001 Weight Training

PHE 1011 Physical Fitness

PHE 1021 Beginning Swimming

PHE 1031 Intermediate Swimming

PHE 1041 Aerobic Fitness

PHE 1051 Swim for Fitness

PHE 1101 Aerobic Dance

PHE 1111 Beginning Ballet I

PHE 1121 Beginning Ballet II

PHE 1131 Beginning Jazz Dance

PHE 1141 Ballroom Dance

PHE 1151 Country and Western Dance

PHE 1201 Golf

PHE 1211 Bowling

PHE 1221 Gymnastic

PHE 1301 Racquetball

PHE 1311 Tennis and Badminton

PHE 1401 Volleyball

PHE 1411 Rhythmic Activities and Lead-up Games

PHE 1501 Varsity Practice

PHE 1511 Cheerleading

BS Degree: Eight Consecutive Semester Course of Study

for the Major of Physical Education

FRESHMAN YEAR: (31 hours)

Fall Semester

- Composition I
- Critical Inquiry
- Introduction to Physical Education

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Two One-Hour Physical Education Courses (swimming, fitness)
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (31 hours)

Fall Semester

- Anatomy

Spring Semester

- Human Physiology
- First Aid or Care and Prevention of Athletic Injuries

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Two One-Hour Physical Education Courses (fitness course, dance)
- General Education courses from Distribution Requirements to total 15 or 16 hours

JUNIOR YEAR: (31 hours)

Fall Semester

- Physical Education for the Child
- Rhythmic Activities and Lead-up Games
- Adaptive Physical Education
- Measurement and Evaluation

Spring Semester

- Methods of Teaching PE in Secondary Schools
- Principles of Physical Education

Either Semester:

- Two One-Hour Physical Education Courses (sports)
- One hour course in an outdoor experience
- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

SENIOR YEAR: (31 hours)

Fall Semester

- Kinesiology
- Organization & Administration of Health & PE
- Two one-hour Physical Education Courses (sports)

Spring Semester

- Exercise Physiology

Either semester:

- General electives to total 15 or 16 hours

BS Degree with Teacher Licensure: Eight Consecutive Semester Course of Study

for the Major of Physical Education

FRESHMAN YEAR: (31-32 hours)

Fall Semester

- Composition I
- Critical Inquiry
- Introduction to Physical Education

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Two One-Hour Physical Education Courses (swimming, fitness)
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (31-32 hours)

Fall Semester

- Anatomy
- Mental and Emotional Health

Spring Semester

- Human Physiology
- First Aid or Care and Prevention of Athletic Injuries
- Nutrition

Either Semester

- Education and Growth of the American Republic
- Survey of Exceptionalities in Today's World
- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Two One-Hour Physical Education Courses (fitness course, dance)
- Drug Ed
- General Education courses from Distribution Requirements to total 16 or 17 hours
- Praxis I, Application to Teacher Education Program

JUNIOR YEAR: (31-32 hours)

Fall Semester

- Physical Education for the Child
- Rhythmic Activities and Lead-up Games
- Adaptive Physical Education
- Measurement and Evaluation

Spring Semester

- Exercise Physiology
- Principles of Physical Education
- Health Education
- Methods of Teaching PE in Secondary Schools

Either Semester

- Principles of Learning and Teaching
- Two One-Hour Physical Education Courses (sports)
- One hour course in an outdoor experience
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

SENIOR YEAR: (29 hours)

Fall Semester

Spring Semester

- Internship I
- Educational Assessment
- Kinesiology
- Organization & Administration of Health & PE
- Two one-hour Physical Education Courses (sports)
- General electives to total 17 hours
- Praxis II, Application for Internship II
- Internship II

Courses

PHE 1002 Physical Wellness This course will focus on the concepts of physical fitness as they pertain to wellness. Physical wellness will address health-related physical fitness, exercise, physical activity, nutritional health, weight management, and healthy lifestyles.

PHE 1013 Introduction to Physical Education This introductory course for physical education majors provides an overview of the profession and introduces the student to physical fitness, physical education and sport, philosophies and nature of human movement. The course provides an orientation to careers linked to the discipline: physical educator, coach, athletic trainer, fitness coordinator, sports manager or sports communicator.

PHE 1023 Health and Safety Basic concepts and principles of healthful life styles are explored in order to give the student a better understanding of himself and his relationships to others. Emphasis on the skill development for making responsible decisions regarding mental and emotional health, handling stress, drugs, human sexuality, nutrition, and roles as a parent and/or teacher.

PHE 2003 Physical Education Majors Class This course is designed for physical education majors only with emphasis on skill development and approaches to teaching selected activities. Individual, dual, and team activities will be included. Prerequisite: PHE 1013 Introduction to Physical Education.

PHE 2013 Anatomy This course deals with the various systems of the human body. The systems are studied with regard to their basic parts and functions. Some of the areas to be studied are the skeleton, joints, muscular system, respiratory system, circulatory system, digestive system, urinary system, endocrine system, and nervous system.

PHE 2023 First Aid This course provides instruction in the fundamental principles and practices in first aid as provided by the American National Red Cross. It is intended to prepare students with the necessary first aid knowledge and training so they will be able to provide immediate care to an ill or injured person. The course will address safety awareness in the home, at play, at work, and on the streets and highways.

PHE 2503 Drug Education A course designed to acquaint students with various drugs and their effects on the human body. Also included will be a study of drug abuse and its impact on individuals and society. Some of the areas to be covered are - addiction, treatment, agencies involved in

prevention and public awareness.

PHE 2603 Human Physiology Human physiology was developed to provide a fundamental understanding of the systems and organs relevant for human physical activity. Discussions will include the cardiovascular system, muscular system, respiratory physiology, digestion and metabolism.

PHE 3003 Nutrition The aim is to present the basic facts and fundamental concepts of nutrition. Topics included are nutrients; carbohydrate, fats and proteins; vitamins and minerals; energy balance and weight control; and nutrition throughout the life cycle.

PHE 3013 Theory of Coaching Athletics This course is designed to provide the prospective coach with different coaching philosophies, for developing appropriate relations with girls and boys of various ages, for equipment and facility care, for understanding fundamental physical training techniques, for techniques of skill development, and for developing team strategies and tactics.

PHE 3023 Physical Education for the Child This course explores the nature of children, goals and objective of preschool, primary, and middle level physical education. The student will become familiar with philosophies, lesson and unit planning, teaching and learning processes, and evaluation procedures of physical education for children. This course will also cover personal health skills, fundamental skills, specialized motor skills, and sport skills appropriate for the child. Concurrent with PHE 1411 Rhythmic Activities and Lead-up Games.

PHE 3033 Mental and Emotional Health This course is designed to enable students to anticipate and prepare for handling stressful situations which are common in our world today. Attention will be given to recognizing "symptoms" of minor maladjustment both for self-understanding and understanding of others. The course is elective for fulfillment of certification for teaching health.

PHE 3043 Methods of Teaching Physical Education in Secondary Schools The basic purpose of this course is to prepare the secondary physical education instructor to teach students in the grades seven through twelve the necessary skills, attitudes and facts to enable students to participate in a variety of physical activities which would be satisfying physically, mentally, emotionally and socially. This course includes such topics as classification of students, organization of classes, choice and selection of material, the making of lesson plans, and techniques of teaching activities.

PHE 3063 Health Education This course deals with the various phases and content in the public school health program. The main area of emphasis is upon the methods of teaching and presenting these various health subjects. Some of the areas covered are nutrition, mental health, drug education, environment health, and physical fitness.

PHE 3073 Care and Prevention of Athletic Injuries This course is designed to prepare coaches in the prevention, care, recognition, and management of athletic injuries. Topics of emphasis include the set-up and design of an athletic training facility, research in sports medicine related topics, and understanding the profession of athletic training. This course also focuses on hands-on skills such as

preventive taping and emergency splinting. Prerequisite: PHE 2013 Anatomy.

PHE 3103 Principles of Physical Education An in-depth study of the basic principles of physical education. These principles include the areas of fitness, the profession, and the function of physical education in our society.

PHE 3123 Kinesiology This course is a study of the function/action of skeletal muscles, analysis of human motion as related to sport activities, and the biomechanics of human motion and sport techniques. Prerequisites: PHE 1023 Health and Safety and PHE 2013 Anatomy.

PHE 3223 Measurement and Evaluation This course is an introduction to measurement theory and selection of appropriate tests for the physical educator. Test construction, interpretation of tests, and evaluation of results are explored in the cognitive, psychomotor and affective domains, as well as physical fitness and sports skills.

PHE 3303 Fitness Programming This course will include theory and application of fitness assessment, prescription and programming for typical adults. Prerequisite: Consent from the Instructor.

PHE 4003 Adaptive Physical Education A study of methods and principles involved in teaching physical education in a mainstreamed setting or physical education class for handicapped students. Study of the implications of the law PL 94-142, and the relationships among professionals in education, medicine, psychology, and social work will be covered. Field practicum included.

PHE 4023 Organization and Administration of Health and Physical Education Provides exploration of the areas of director responsibility, curricular development, and community relations in both health and physical education programs. A section of the course deals with the administration of interscholastic athletics and an intramural program. Prerequisites: PHE 1023 Health and Safety, PHE 3013 Theory of Coaching Athletics, and Junior or Senior standing.

PHE 4103 Physiology of Exercise The study of effects of exercise on the various systems of the body. The course will involve effects before, during and after exercise. Long-term results of exercise will also be included. Laboratory experiences are included.

Physical Science

PHS 1004 Introductory Physical Science An area course for general education which coordinates the various disciplines of the physical sciences as they pertain to living in the scientific age. Three hours of lecture and two hours of laboratory per week.

PHS 1023 Earth Science An introductory course that introduces the student to the Earth Sciences-astronomy, meteorology, geology, and oceanography.

PHS 1044 Astronomy A non-mathematical survey of astronomy. Topics will include the solar system, stars, and galaxies. Three hours of lecture and two hours laboratory per week.

Physics

Minor A physics minor is for students who desire a strong background in this field, including students planning graduate study in chemistry, mathematics, or physics; pre-professional students in engineering, pre-medicine or respiratory therapy; and students planning careers in secondary-school science education.

PHY 2114 General Physics I

PHY 2124 General Physics II

PHY 3134 General Physics III

Six hours of advisor-approved upper-level physics electives

PHY 2014 College Physics I A survey course in elementary physics for students majoring in biology, environmental science, the health professions, or the social sciences. Stress is placed on basic principles. Topics include vectors, kinematics, Newton's laws, circular motion, work, energy, impulse, momentum, rotational motion, elasticity, simple harmonic motion, fluids, thermodynamics, kinetic theory, waves, and sound. Three hours lecture, one hour recitation and two hours laboratory per week. Prerequisites: MTH 1033 College Algebra and MTH 1043 College Trigonometry.

PHY 2024 College Physics II A continuation of PHY 2014. Topics include electric fields, Gauss' law, electric potential, capacitance and dielectrics, current and resistance, D.C. circuits, magnetic fields, Faraday's law, inductance, A.C. circuits, electromagnetic waves, light, geometric optics, interference, particles and waves, quantum theory, and nuclear structure and reactions. Three hours lecture, one hour recitation and two hours laboratory per week. Prerequisite: PHY 2014 College Physics I.

PHY 2114 General Physics I A survey course in physics for science and engineering students. Introduces the use of calculus in interpreting physical phenomena. Problem solving and problem solving logic are an important part of this course. Topics include vectors, kinematics, Newton's laws, circular motion, work, energy, impulse, momentum, rotational motion, elasticity, simple harmonic motion, fluids, waves, and sound. Three hours lecture, one hour recitation and two hours laboratory per week. Prerequisite or corequisite: MTH 2015 Calculus I.

PHY 2124 General Physics II A continuation of PHY 2114. Topics include thermodynamics, kinetic theory, electric fields, Gauss' law, electric potential, capacitance and dielectrics, current and resistance, D.C. circuits, magnetic fields, Faraday's law, inductance, and A.C. circuits. Three hours lecture, one hour recitation and two hours laboratory per week. Prerequisite: PHY 2114 General Physics I. Prerequisite or corequisite: MTH 2024 Calculus II.

PHY 3134 General Physics III A continuation of PHY 2124. Topics include electromagnetic waves, light, geometric optics, interference, diffraction, quantum theory, atomic structure, wave properties of matter, the hydrogen atom, many-electron atoms, and nuclear structure and reactions. Three hours lecture, one hour recitation and two hours laboratory per week. Prerequisite: PHY 2124 General Physics II.

PHY 3213 Classical Mechanics Intermediate problems in the classical mechanics of particles, systems of particles, and rigid bodies. Topics include matrices, vector calculus, linear oscillations, driven oscillations, Lagrangian and Hamiltonian dynamics, central-force motion, collisions, noninertial reference frames, dynamics of rigid bodies, coupled oscillations, and the wave equation. Prerequisite: PHY 2114 General Physics I and/or concurrent MTH 3114 Calculus III.

PHY 3413 Electrodynamics An intermediate introduction to the basic concepts of electromagnetism. Topics include electrostatic fields, dielectric materials, Laplace's and Poisson's equations, electric and magnetic fields of moving electric charges, steady currents and nonmagnetic materials, induced electromotance and magnetic energy, magnetic materials, Maxwell's equations, propagation of electromagnetic waves, and radiation of electromagnetic waves. Three hours lecture and a weekly lab. Prerequisite: PHY 3213 Classical Mechanics.

PHY 4114 Introduction to Quantum Mechanics An introduction to the theoretical concepts of quantum physics. Topics include the experimental basis of quantum theory, the postulates of quantum mechanics, operators, superposition, Schrodinger's equation, angular momentum, matrix mechanics, spin, and atomic and molecular physics. Prerequisites: PHY 3134 General Physics III, PHY 3213 Classical Mechanics, and PHY 3413 Electrodynamics.

PHY 4991-3 Special Problems Independent study and/or research related to a specific problem or project in physics. By special arrangement with the Instructor.

Political Science

The master said, "The accomplished scholar is not a utensil."

Lun-yu II, xii

Thinking about politics is what we do. This involves seeking and prizing the opportunity to make political choices consistent with human dignity. The effectiveness of this activity depends on a thoughtful combination of personal and societal purposes and the skills and information necessary to achieve these ends. Our programs provide an opportunity to think, participate, and acquire requisite skills for political action in a range of career preparations in international relations, public administration and policy, political consulting, and law.

Academic preparation and career planning are joined together in our curriculum. Formal course work is integrated with career counseling and community service opportunities with public agencies. Careers in law, public administration, and teaching are most often chosen by those who concentrate in political science-related programs.

ISOs of the Political Science Program

1. All students are expected to actively engage in career planning and to develop a plan of action in consultation with faculty. This includes the requirement that students will engage in an internship or off-campus study relevant to their career choice.
2. Students must be able to **receive** diverse phenomena and stimuli and **respond** to these experiences by **suspending judgment** and **reflecting** on the experience as it relates to them and to others that might be initiating the flow of data
3. Students must be able to **organize** their **values** and identify how differing contexts in civic life and personal role engage these values and often produce ethical conflicts. Students will articulate a rationale for making choices and recognize the importance of distinguishing personal, professional, community and more absolute values based on religious preference.
4. Students must articulate basic **knowledge** of political science relevant to their sub-fields of study. This knowledge base includes knowledge of technical terms, concrete facts and information about representative theories, multiple methodologies for research, conventions for presentation of knowledge attained through research, and worldviews.
5. Students must be able to **communicate** in written, oral and symbolic form what has been communicated in written, spoken, or symbolic form.
6. Students must be able to **analyze** a problem, **apply** theory, and **synthesize** knowledge through the application of critical thinking skills to subjects, problems, or issues of their choice and relevant to their professional career preparation fields.
7. Students must be able to **evaluate** arguments as to the degree they are efficient, adequate, responsive, and appropriate. This includes the evaluation of public policy and actions.

Major A bachelor of science in political science requires 44-47 hours.

- A 23-hour core is required of all majors.
- A concentration in one of three career tracks is required. Students may choose from the three tracks within the major.

Core:

PLS 1003	Introduction to Political Science
PLS 2013	American National Government
PLS 3043	Public Policy
PLS 3073	History of Political Thought I OR
PLS 3083	History of Political Thought II
PLS 3782	Internship
COM 2033	Argumentation and Debate
COM 3183	Research Methods and Writing or comparable course
COM 4013	Political Communication

Legal Careers Track:

PLS 3053	History of American Constitutional Law and Thought I
PLS 4053	History of American Constitutional Law and Thought II
PLS 4003	International Law and Organization OR
PLS 4013	International Trade Law
PLS 4033	Contemporary Political and Legal Philosophy (or comparable course in Philosophy. Students may replace one of the above PLS track courses with an advanced seminar in Political Science).

Nine hours of concentration in one of the following areas: English, Psychology, History, or Philosophy (excluding PHL 3073, 3083, & 4033), (six hours must be upper-level)
Law School Admissions Test must be taken in the fall of the senior year

Public Policy and Administration Track:

PLS 2033	International Relations
PLS 2043	State and Local Politics
PLS 3013	Comparative Politics OR
PLS 4033	Contemporary Political and Legal Philosophy
PLS 4023	Public Administration

Nine hours of concentration in one of the following areas: Psychology or Sociology (six hours must be upper-level)
Graduate Record Exam must be taken in the fall of the senior year

International Politics and Political Economy Track:

PLS 2033	International Relations
PLS 3013	Comparative Politics OR

PLS 4033 Contemporary Political and Legal Philosophy
PLS 3003 International Political Economy **OR**
PLS 4003 International Law and Organization
PLS 4013 International Trade Law and Policy

Nine additional hours of course work (six hours must be upper-level and related to international politics and political economy)

Graduate Record Exam must be taken in the fall of the senior year

A **bachelor of arts** in political science requires the following:

To the above Legal Careers track, add six hours of the same foreign language.

To the above Public Policy and Administration track, add twelve hours of foreign language.

To the above International Politics and Political Economy track, add twelve hours of foreign language.

Minor A minor in political science shall consist of 21 semester hours. Twelve of the hours must be in political science with nine being upper-level hours. It is advised that the student plan a minor in such a manner as to support the major or provide an alternative field of interest that might be a basis for pursuing further professional training.

BA or BS Degree (Legal Careers Track): Eight Consecutive Semester Course of Study

for the Major of POLITICAL SCIENCE

FRESHMAN YEAR: (30-33 hours)

Fall Semester

- Composition I
- Critical Inquiry

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Introduction to Political Science
- American National Government
- Politics and Careers (2 hours)
- General Education courses from Distribution Requirements to total 15 to 17 hours

SOPHOMORE YEAR: (31 hours)

Fall Semester

- Argumentation and Debate

Spring Semester

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Nine Hours of electives
- Three lower-level hours in area of Concentration (English, Psychology, History, or Philosophy)
- General Education courses from Distribution Requirements to total 15 or 16 hours (if B.A., include six hours same foreign language)

JUNIOR YEAR: (30 hours)

Fall Semester

- Public Policy
- History of Constitutional Law
- History of Political Thought I

Spring Semester

- Research Methods and Writing
- History of Political Thought II (advised)

Either Semester:

- Six upper-level hours in area of Concentration (English, Psychology, History, or Philosophy)
- Internship
- General Education courses from Distribution Requirements or general electives to total 30 hours (if B.A., six hours of foreign language to total 12 cumulative hours)

SENIOR YEAR: (33 hours)

Fall Semester

- Law School Admissions Test
- International Law

Spring Semester

- International Trade Law and Policy
- Contemporary Political Philosophy

Either Semester:

- Internship, if not completed
- Political Communications
- Six Hours of Political Science electives
- General electives to total 16 or 17 hours

BA or BS Degree (Public Administration Track): **Eight Consecutive Semester Course of Study** for the Major of POLITICAL SCIENCE

FRESHMAN YEAR: (30-33 hours)

Fall Semester

- Composition I
- Critical Inquiry

Spring Semester

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Introduction to Political Science
- International Relations (or Sophomore Year)
- American National Government
- Politics and Careers (2 hours)
- General Education courses from Distribution Requirements to total 15 to 17 hours

SOPHOMORE YEAR: (31 hours)

Fall Semester

- Argumentation and Debate
- State and Local Politics

Spring Semester

- International Relations (if not completed)

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Three hours in area of Concentration (Psychology or Sociology)
- Three Hours of electives or Six if International Relations completed in Freshman Year
- General Education courses from Distribution Requirements to total 15 or 16 hours (if B.A., include six hours of same foreign language)

JUNIOR YEAR: (33 hours)

Fall Semester

- Public Policy
- History of Political Thought I

Spring Semester

- Research Methods and Writing
- Comparative Politics or Contemporary Political Philosophy
- History of Political Thought II (advised)

Either Semester:

- Internship
- Six upper-level hours in area of Concentration (Psychology or Sociology)
- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours (if B.A., include six hours of foreign language for 12 cumulative hours)

SENIOR YEAR: (31 hours)

Fall Semester

- GRE

Spring Semester

- Public Administration

Either Semester:

- Political Communications Seminar
- General electives to total 15 or 16 hours

BA or BS Degree (International Politics & Political Economy Track)

Eight Consecutive Semester Course of Study

for the Major of POLITICAL SCIENCE

FRESHMAN YEAR: (30-33 hours)

Fall Semester (12 or 15 hours)

- Composition I
- Critical Inquiry

Spring Semester (12 or 15 hours)

- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- Introduction to Political Science
- International Relations (or Sophomore Year)
- American National Government
- Politics and Careers (2 hours)
- General Education courses from Distribution Requirements to total 12 to 15 hours

SOPHOMORE YEAR: (33 hours)

Fall Semester (16 or 17 hours)

- Argumentation and Debate
- International Relations (if not taken in Freshman year)

Spring Semester (16 or 17 hours)

- International Political Economy

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- Cultural Geography or Regional Geography
- Internship
- General Education courses from Distribution Requirements to total 16 or 17 hours (if B.A., include six hours of same foreign language)

JUNIOR YEAR: (34 hours)

Fall Semester (17 hours)

- Public Policy
- History of Political Thought I

Spring Semester (17 hours)

- Research Methods and Writing
- Comparative Politics
- Special Studies: IR Topics
- History of Political Thought II (recommended)

Either Semester:

- Internship (if not completed)
- General Education courses from Distribution Requirements or general electives to total 17 hours (if B.A., include six hours of foreign language for cumulative total of 12 hours foreign language)

SENIOR YEAR: (33 hours)

Fall Semester (16 or 17 hours)

- GRE
- International Law & Organization

Spring Semester (16 or 17 hours)

- International Trade Law and Policy
- Contemporary Political Philosophy

Either Semester:

- Political Communications
- Six hours of Political Science electives
- General electives to total 16 or 17 hours

Courses

PLS 1003 Introduction to Political Science Survey of major concepts and perspectives of political science.

PLS 2013 American National Government A study of government structure, civil liberties, politics, and policy process in the context of contemporary political affairs.

PLS 2023 State and Local Politics Survey of governmental institutions and politics in American state and local levels.

PLS 2033 International Relations A study of the nation state political system. Four levels of analysis are utilized: examination of the nature of the nation state system and foreign policy.

PLS 3003 International Political Economy An introduction to contending perspectives on the international political economy, production, money and finance, trade, development. Emphasis will be placed on current problems in international political economy. Prerequisite: PLS 2013 American National Government.

PLS 3013 Comparative Political Regimes and Ideologies This course examines the theories of comparative politics and issues relevant to characteristic political regimes with emphasis placed on emerging forms of democracies. The ideologies of political institutions and norms are integrated into the study of institutional arrangements and public policies. Prerequisite: PLS 2033 International Relations.

PLS 3043 Public Policy An analytical examination of policy-making and implementation, focusing on the interaction of governmental and non-governmental organizations. Although the course deals principally with American Republic policy, appropriate comparisons are made with studies of policy-making in other systems. Special attention is given to selected policy areas such as health, energy, environment, science, and education.

PLS 3053-4053 History of American Constitutional Law and Thought A study of the historical and political development and application of American constitutional law as interpreted in the leading decisions of the Supreme Court. 1st Semester: Constitutional Institutions & Principles. 2nd Semester: Civil Liberties and Criminal Justice. Prerequisites: PLS 2013 American National Government, or PLS 1003 Introduction to Political Science and Junior status.

PLS 3073 History of Political Thought I A critical study of the major theories and concepts of political and social thought in the western heritage from Plato to the present.

PLS 3083 History of Political Thought II A continuation of the critical study of the major theories and concepts of political and social thought in the western heritage from Plato to the present.

PLS 4003 International Law and Organization This course examines the status, effectiveness and growth of world legal order in a rapidly transforming state system. The nature and development of international law and institutions to address increased political, social, and economic interdependencies is emphasized. In particular, the development of regimes of human rights and environmental law are emphasized. Prerequisites: ECN 2003 Principles of Macroeconomics or ECN 2013 Principles of Microeconomics, and Junior status or Instructor permission.

PLS 4013 International Trade Law and Policy This course examines the legal and economic basis of trade in goods and services, investment and transfer of technology. A problems approach is applied to major issues of law and policy confronting the supplier, carrier, buyer, states and international institutions for regulation and advancement of trade and investment. Prerequisites: ECN 2003 Principles of Macroeconomics or Principles of Microeconomics ECN 2013, and Junior status or Instructor permission.

PLS 4023 Introduction to Public Administration An introduction to the major issues of public administration as a discipline and process. Prerequisite: 12 hours of political science.

PLS 4033 Contemporary Political and Legal Philosophy This course examines representative selections of readings from current political philosophy including the following John Rawls, R and A. Dworkin, H. Arendt, R. Lakoff, M. Nussbaum, R. Nozick, M. Sandel, B. Berry, J. Derrida, M, Foucault, A. Naess, P Singer, M. Walzer and C. Taylor.

Preprofessional Curricula

Ozarks offers instruction in areas which prepare students to take professional training elsewhere to complete their baccalaureate degree at Ozarks or to pursue their bachelor's or advanced degrees at professional schools.

Pre-Engineering Ozarks and the College of Engineering of the University of Arkansas at Fayetteville have entered into a cooperative program of study that enables the student to pursue a combined curriculum leading to degrees in both arts and engineering at the baccalaureate level. Students in this program typically spend three years at Ozarks studying the arts and sciences, followed by two years of concentrated engineering studies at the University of Arkansas. At the completion of the program, they receive a B.A. in mathematics from Ozarks and a B.S. in an engineering discipline from the University of Arkansas. Students who complete the dual- degree program have a competitive edge over single-degree engineering graduates because of their broad-based, multifaceted education.

Pre-Medical Sciences This curriculum is recommended for students who wish to pursue such careers as traditional human medicine, veterinary medicine, dentistry, optometry or nontraditional medical arts that require intensive undergraduate preparation in biology and chemistry. Professionals in

these areas must be capable of assimilating a voluminous body of knowledge and accessing efficiently specific information from that mental data base. The premedical sciences curriculum begins building the student's data base and testing the student's metal for medical or veterinary school through diverse, challenging courses. However, to become a good physician (of humans or animals), the student must possess or develop compassion, integrity, and dedication to service, in addition to intellect and stamina. Participation in co-curricular programs at Ozarks, including the Health Professions Club, will both facilitate personal maturation and demonstrate the student's interests and motivation.

The curriculum is a major in biology, with some additional requirements, and a minor in another area, usually chemistry. The student must plan carefully the scheduling of particular biology, chemistry, physics, and composition courses with the pre-med advisor, so that essential courses are completed by the end of the junior year, when the student should take medical school admission tests. Some students interested in a career in medical arts may want to major in chemistry. These students should try to take Principles of Biology II, Genetics, Vertebrate Physiology, and an advanced composition or literature course by the end of their junior year. Completion of Anatomy and Anatomy Lab before graduation is also recommended. In addition to the requirements for the biology or chemistry major, the following courses are recommended for students interested in pursuing a career in the medical sciences:

Biology

BIO 3134	Microbiology
BIO 3444	Vertebrate Physiology
BIO 4333	Anatomy
BIO 4432	Anatomy Laboratory

Chemistry

CHM 3024	Organic Chemistry II
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Mathematics

One of the following:

BSA 3023	Business Statistics I
MTH 2015	Calculus I
PSY 3003	Fundamental Inferential Statistics for the Behavioral Sciences

English

ENG 3122	Writing in the Natural Sciences, or three hours of other upper-level English courses
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Students planning to **minor in chemistry** should take the following:

CHM 3104	Quantitative Chemical Analysis or CHM 4104 Biochemistry
Two courses from the following:	
BIO 4054	Embryology
BIO 4893	Tutorial Practicum: Internship

BIO 4993 Special Problems
Upper-level chemistry electives

BIO 4893 Tutorial Practicum: Internship, and BIO 4993 Special Problems, may be taken twice. Students should also take two courses that build on a distribution course in another area (for example: two Intermediate Spanish courses building on Beginning Spanish).

Students planning to minor in another area should the consult the requirements for that minor. Some veterinary schools may require a course in nutrition. PHE 3003 Nutrition should satisfy this pre-matriculation requirement. Some of these recommended courses will also count for distribution requirements.

Pre-Pharmacy A career in pharmacy offers a broad range of opportunities including local and hospital pharmacies, pharmaceutical research, pharmaceutical and medical field sales, and medical research. A student planning a career in pharmacy ordinarily completes two years of pre-pharmacy course work prior to seeking admission to a school of pharmacy. The student should work closely with the pre-pharmacy advisor to tailor his or her program to the requirements of the particular pharmacy school in which he or she is interested. The following courses are required for admission to the pharmacy school at the University of Arkansas for Medical Sciences:

BIO 1104 Biology Concepts or Principles of Biology I*

One of the following:

BIO 1324 Principles of Biology II*

BIO 2014 Zoology

BIO 2124 Botany

BIO 3444 Vertebrate Physiology*

*Recommended

CHM 1014 General Chemistry I

CHM 1024 General Chemistry II

CHM 3014 Organic Chemistry I

CHM 3024 Organic Chemistry II

ECN 2003 Principles of Macroeconomics or ECN 2013 Principles of
Microeconomics

MTH 1033 College Algebra and MTH 1043 Trigonometry

OR MTH 2015 Calculus I

PHY 2014 General Physics I

Three courses from the following:

COM 1003 Basic Oral Communication

ENG 1013 Composition I

ENG 1213 Composition II

ENG 3013 Creative Writing: Lyric or ENG 3023 Creative Writing: Narrative

ENG 3122 Writing in the Natural Sciences

Any advisor-approved survey of literature course

Two courses from the following:

- ACC 2003 Principles of Accounting I
- CHM 3104 Quantitative Chemical Analysis
- MTH 2015 Calculus I (if not chosen above)
- PHL 2043 Logic
- PHY 2024 General Physics II

Any advisor-approved course in statistics

Ten to fourteen hours of advisor-approved electives from these areas (65 hours total)

- | | |
|-------------------------------|------------------|
| Art (survey courses only) | Ethics |
| Music (survey courses only) | Psychology |
| Theatre (survey courses only) | Sociology |
| Literature | Anthropology |
| Philosophy | Geography |
| Religion | American History |
| Foreign Language | World History |
| Political Science | |

During the second year, the student should take the PCAT examination, a national standardized examination which is used by pharmacy schools to evaluate applicants. After transfer, four additional years are required at the UAMS Pharmacy School toward a doctor of pharmacy degree.

Respiratory Therapy Students interested in a career in respiratory therapy may earn a bachelor of science by completing 92 hours of work at Ozarks, including core and distribution requirements and the following science requirements:

- BIO 1014 Biology Concepts or Principles of Biology I
- BIO 2014 Zoology
- BIO 3134 Microbiology
- BIO 3444 Vertebrate Physiology
- CHM 1014 General Chemistry I
- PHY 2014 College Physics I

Students are encouraged to take PSY 1003 General Psychology; SOC 1013 Introduction to Sociology; and a three-hour elective in business. The clinical phase may be completed at any approved respiratory therapy program. Appropriate credits in the technical courses will be transferred back to Ozarks along with the recommendation to the dean from the technical school or hospital, and the student will be awarded the degree of bachelor of science.

Psychology

People must solve people problems. Today's society experiences stress and tension due to people-related problems, such as advanced technology, scarcity of natural resources, and changing social structures and mores. Psychology is the logical profession to help people learn the skills necessary to cope with rapid changes in an already complex society. The primary reason to choose psychology as a career is that it provides an opportunity to help people enjoy more productive and meaningful lives. The helping skills learned in psychology may be applied professionally in mental health, industrial and academic settings. However, some people may use their acquired skills to enhance their personal adjustment with themselves, their marriages, their families or their friendships.

ISOs of the Psychology Program

1. Psychology majors will receive orientation, training and education in the "*Scientist-Practitioner*" model of psychology proposed by the American Psychological Association.
2. Psychology majors will understand, adhere to, and insure compliance with the University of the Ozarks "*Psychology Ethics Code: Code of Ethics and Behavioral Standards AND Rules and Procedures.*"
3. Psychology majors will develop a better understanding of the relationship between their intrapersonal and interpersonal adjustments and their personal lives and psychology work goals.

A **bachelor of science in psychology** requires 36 semester hours of psychology to include the following courses:

PSY 1003	General Psychology
PSY 2023	Abnormal Psychology
PSY 2043	History and Systems of Psychology
Three hours of Clinical Experience (PSY 2101-4101)	
PSY 2003	Fundamentals of Descriptive Statistics for the Behavioral Sciences
PSY 3013	Psychometrics
PSY 3113	Developmental Psychology-Childhood OR
PSY 3123	Developmental Psychology-Adolescence
PSY 4023	Experimental Methods in the Behavioral Sciences
PSY 4113	Clinical Psychology
PSY 4443	Senior Seminar in Psychology

An 18-hour area of concentration in one or more disciplines is required.

All psychology majors are strongly encouraged to enroll in one hour of Clinical Experience each semester following completion of General Psychology or declaration as a psychology major. To meet

graduation requirements, every psychology major will have a minimum of 3 hours of Clinical Experience. The area of concentration is selected by the student majoring in psychology. The academic experience of the concentration is customized to the needs and interests of the student through consultation between the student, major advisor, and an advisor from the concentration area. Students majoring in psychology are strongly encouraged to be a student member of the American Psychological Association.

BS Degree: Eight Consecutive Semester Course of Study

for the Major of PSYCHOLOGY

FRESHMAN YEAR: (31-32 hours)

Fall Semester

- Composition I
- Critical Inquiry
- General Psychology

Spring Semester

- Composition II
- Clinical Experience
- Abnormal Psychology

Either Semester:

- Science Course with lab
- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (31-32 hours)

Fall Semester

- Clinical Experience
- Descriptive Statistics
- History and Systems of Psychology
- Psychology Elective (concentration)

Spring Semester

- Clinical Experience
- Psychology Elective (concentration)

Either Semester

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 or 16 hours

JUNIOR YEAR: (31-32 hours)

Fall Semester

- Developmental Psychology (childhood)
OR
- Psychology Elective (concentration)

Spring Semester

- Developmental Psychology (adolescence)
- Psychometrics
- Experimental Methods
- Psychology Elective (concentration)

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours

SENIOR YEAR: (31 hours)

Fall Semester

- Senior Seminar
- Clinical Psychology
- Psychology Elective (concentration)

Spring Semester

- Senior Seminar
- Psychology Elective (concentration)

Either Semester:

- General electives to total 15 or 16 hours

Psychology Course Rotation

Fall Semester Even Year

General Psychology (2 sections)

Spring Semester Odd Year

General Psychology (one section)

Clinical Experience
Psychology of Personality
History and Systems of Psychology
Leaving Home: Opportunity or Crisis
Developmental Psychology: Childhood
Clinical Psychology
Fall Semester Odd Year
General Psychology (2 sections)
Clinical Experience
Social Psychology
Leaving Home
Health Psychology
Descriptive Statistics

Clinical Experience
Physiological Psychology
Psychometrics
Research Methods
Abnormal Psychology
Experimental Methods
Spring Semester Even Year
General Psychology
Clinical Experience
Behavior Management in the Clinic
Inferential Statistics
Psychology of Adjustment
Experimental Methods
History and Systems
Group Dynamics

Courses

PSY 1003 General Psychology Introduction to the basic principles and procedures used in the science of behavior. Specific emphasis is placed upon learning, intelligence, individual differences, motivation, emotions listening, personality, sensation, and perception. Prerequisite: None.

PSY 1013 Psychology of Adjustment A study of adjustment and factors associated with personal, family, and work behaviors. The course will include the development of understanding and skills to effectively manage oneself in personal and social relationships. Prerequisite: None.

PSY 1101-4101, 1102-4102, 1103-4103 Clinical Experience Supervised field placement for psychology majors in institutions and agencies in this region. May be taken for 1 to 3 hours credit with repetition up to 6 hours. Prerequisites: PSY 1003 General Psychology and consent of the Instructor.

PSY 2003 Fundamental Descriptive Statistics for Behavioral Sciences Study of the basic descriptive statistics used in the behavioral sciences to include measures of central tendency and variability, correlation and regression, and sampling distributions. Prerequisites: MTH 1033 College Algebra and PSY 1003 General Psychology.

PSY 2013 Psychology of Personality Study of various personality theories, their origin, and approaches to the understanding of human behavior. Prerequisite: PSY 1003 General Psychology.

PSY 2023 Abnormal Psychology Introduction to the study of abnormal behavior. Consideration

will be given to the history of the concept of abnormality. Symptoms, prevention and treatment will be studied.

PSY 2043 History and Systems of Psychology A study of the development of psychological theories and a critical comparison of several points of view on major issues in the field of psychology. Prerequisite: PSY 1003 General Psychology.

PSY 2053 Group Dynamics A study of the principles underlying the processes of group action and interaction with applications to situations in leadership and supervisory relationships. Experience will be gained for group techniques provided through a class group. Prerequisites: PSY 1003 General Psychology and consent of the Instructor.

PSY 2163 Leaving Home: Opportunity or Crisis Study and exploration of the impact of leaving home on family roles, structure, and dynamics on personal life experiences and decision making. Basic skills for generating family genograms and obtaining basic psychological data about families will be developed. Prerequisites: PSY 1003 General Psychology and permission of the Instructor.

PSY 2203 Introduction to Sport Psychology Study of the athlete with stress on individual psychological factors contributing to performance enhancement and detriment. Role of the coach in managing these factors will also be stressed. Prerequisite: PSY 1003 General Psychology.

PSY 3003 Fundamental Inferential Statistics for the Behavioral Sciences Study of basic statistical inference with continuous variables, independent samples, correlated samples, analysis of variance, categorical variables, and ordinally scaled variables. Prerequisite: PSY 2003 Fundamental Descriptive Statistics for Behavioral Sciences.

PSY 3013 Psychometrics Study of psychometric theory and methods as applicable to tests of intelligence, personality, abilities, aptitudes, achievement, and interests. Prerequisites: PSY 1003 General Psychology and PSY 2003 Fundamental Descriptive Statistics for Behavioral Sciences.

PSY 3023 Psychopathology of Childhood Study of the diagnostic characteristics and categories, functional dynamics and processes, and treatment alternatives for psychopathology of childhood. Prerequisites: PSY 1003 General Psychology, PSY 2023 Abnormal Psychology and consent of the Instructor.

PSY 3043 Social Psychology Examination of behavioral regularities related to social and cultural contexts; review and assessment of theories and research. Emphasis on interpersonal theories. Prerequisite: PSY 1003 General Psychology.

PSY 3053 Health Psychology Study of psychology's contributions to the promotion and maintenance of health, prevention and treatment of illness, and identification of etiologic and diagnostic correlates of health, illness, and related dysfunctions. Prerequisites: PSY 1003 General Psychology and consent of the Instructor.

PSY 3063 Psychology of Learning A comprehensive study of the theories of learning and how they are applied to explain more complex behavior. Prerequisite: PSY 1003 General Psychology.

PSY 3113 Developmental Psychology--Childhood Principles of growth and development as these apply from birth through childhood. Physical, intellectual, emotional, and social changes will be considered. Prerequisite: PSY 1003 General Psychology.

PSY 3123 Developmental Psychology--Adolescence Study of the developmental characteristics and psychological needs of the adolescent. Social changes related to the school, home, and community environment will be studied. Prerequisite: PSY 1003 General Psychology.

PSY 3143 Industrial Psychology This course will focus on the factors which influence individual and organizational effectiveness. Employee testing, personnel selection, performance appraisal and training will be studied. Prerequisite: PSY 1003 General Psychology.

PSY 3153 Psychology and the Law An examination of the legal system through the use of psychological concepts, methods, and research results. A coverage of a number of topics relevant to social sciences include dilemmas that persist and recur, such as the right of the mentally ill, eyewitness identification, the punishment prescribed by judges, jury selection, criminal investigation and the rights of victims and children. Examples of actual cases and trials are used in the course to apply psychology's scientific findings in the legal system.

PSY 3163 Physiological Psychology Study of the biological basis of behavior to include surveys of neuroanatomy, neurophysiology, neuropharmacology, sensation, perception, learning, and memory. Prerequisite: PSY 1003 General Psychology.

PSY 4003 Behavior Management in the Clinic and Home Education and training in three behavior management systems. Each system will present techniques for implementing a distinct value system operating in families and clinics.

PSY 4023 Experimental Methods in the Behavioral Sciences Study of the methodology for scientific investigation in the behavioral sciences through the development of a research proposal. Prerequisites: PSY 1003 General Psychology, PSY 2003 Fundamental Descriptive Statistics for Behavioral Sciences, and PSY 3013 Psychometrics.

PSY 4113 Clinical Psychology Orientation to the field of clinical psychology, surveying the basic concepts and principles that apply to assessment, research and therapy in the clinical field. Prerequisites: PSY 1003 General Psychology, PSY 2023 Abnormal Psychology, PSY 2043 History and Systems of Psychology, and PSY 3013 Psychometrics.

PSY 4203 Advanced Clinical Communication Skills Study and development of communication skills necessary 1.) to define problems in intake interviews; 2.) to manage psychological emergencies;

3.) to understand vague or ambiguous clinical episodes; and 4.) to clinically problem solve. Prerequisite: Consent of the Instructor.

PSY 4443 Senior Seminar in Psychology A research/program development course designed to be the culmination of the psychology major's college experience. The student defines and researches a contemporary topic or develops and implements a program in a community agency. The research/program development is presented in the form of a senior thesis. An oral presentation is also required.

Psychology of Human Behavior

The psychology of human behavior program broadens the student's appreciation for the impact of psychology principles in his/her personal life and relationships with the world (eg, marriage, parenting, citizenship, workplace). The program is designed to provide opportunities to learn skills and knowledge needed to enhance understanding and management of the human condition in a variety of everyday life situations. The psychology of human behavior program is typically a terminal, bachelor's level degree.

A **bachelor of arts in the psychology of human behavior** requires 30 semester hours to include the following courses:

PSY 1003	General Psychology
PSY 1013	Psychology of Adjustment
PSY 2053	Group Dynamics
PSY 3043	Social Psychology
PSY 3053	Health Psychology
PSY 4003	Behavior Management in the Clinic and Home
12 hours of advisor-approved electives.	

The student working in the psychology of human behavior program will complete 6 hours of foreign language.

Minor A minor in psychology shall consist of 18 semester hours approved by a psychology advisor.

BA Degree: Eight Consecutive Semester Course of Study

for the Major of Psychology of Human Behavior

FRESHMAN YEAR: (31-32 hours)

Fall Semester

- Composition I
- Critical Inquiry
- General Psychology

Spring Semester

- Composition II
- Psychology of Adjustment
- Group Dynamics

Either Semester

- Science Course with lab
- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (31-32 hours)

Fall Semester

- Three hours of Psychology Elective(s)

Spring Semester

- Three hours of Psychology Elective(s)

Either Semester

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 or 16 hours (may include six hours of same foreign language)

JUNIOR YEAR: (31-32 hours)

Fall Semester

- Health Psychology
- Social Psychology
- Psychology Elective(s)

Spring Semester

- Behavior Management in the Clinic and Home
- Psychology Elective(s)

Either Semester

- General Education courses from Distribution Requirements or general electives to total 15 or 16 hours (if not completed, must include six hours of same foreign language)

SENIOR YEAR: (31 hours)

Fall Semester

- Psychology Elective(s)

Spring Semester

- Psychology Elective(s)

Either Semester

- General electives to total 15 or 16 hours

Religion and Philosophy

Students take courses in religion and philosophy for a number of different reasons: to explore the fundamental questions of human existence, to consider the moral and ethical dimensions of their own experience and human society, to understand more fully the religious and philosophical traditions of the

west and other cultures, and to contemplate the relationship between faith and reason in human experience. The program in religion and philosophy at Ozark supports the university's three-fold mission of student intellectual, social, and spiritual development in several important ways. Courses in the program develop the intellectual skills common to all forms of liberal education: critical reading, analytical thinking, clear and effective writing and speaking. Religion and philosophy courses also foster students' social and spiritual development by exposing students to the internal diversity of the Christian tradition and to a wide range of other religious and philosophical traditions as well. Students develop a deeper understanding of their own beliefs and ethical responsibilities, and they practice articulating their views within a broader social context. In consequence, although many religion and philosophy students pursue this major with seminary or full-time Christian service in mind, others do so with the aim of preparing themselves to face the challenges of an ever-changing world.

ISOs of the Religion and Philosophy Program

1. Graduates will have a basic knowledge of the various fields of inquiry in both religious studies and philosophy.
2. They will have a historical, literary, and theological awareness of the Bible.
3. They will have an understanding of the beliefs and practices of the world's major religions.
4. They will have an understanding of the development of the western philosophical tradition.
5. They will be able to develop, evaluate, and critique arguments.
6. They will be able to construct clear, insightful, and properly documented interpretations of important subjects in religion or philosophy through relevant primary and secondary sources.
7. Through their courses in religion and philosophy and through various co-curricular programs, they will have developed the qualities we expect of all Ozarks students: an ability to think critically and to communicate effectively, a knowledge of human culture, and an awareness of one's responsibilities to oneself, humanity, the planet, and one's creator.
8. They will be prepared to pursue advanced study in graduate school or in seminary or to obtain positions both within these fields and without.

Major A major in religion and philosophy consists of 37 hours of course work. The following courses are required:

REL 1023	Introduction to Religion
REL 2013	Introduction to Philosophy
REL 2003	World Religions
PHL 2063	Ethics
REL 3003	Biblical Interpretation: Old Testament
REL 3013	Biblical Interpretation: New Testament
PHL 4013	History of Philosophy I
PHL 4023	History of Philosophy II
Senior Seminar in Religion and Philosophy (REL 4442-4452 or PHL 4442-4452)	

Nine elective hours in religion or philosophy, at least six of which must be upper-level.

Students with a strong interest in philosophy are advised to take Logic (PHL 2043). All work leading toward a major must be approved by a student's religion or philosophy advisor.

Minors Ozarks offers minors in either religion or philosophy. A minor in religion consists of the following:

REL 1023 Introduction to Religion
REL 2003 World Religions
REL 3003 Biblical Interpretation: Old Testament **OR**
REL 3013 Biblical Interpretation: New Testament
9 elective hours in religion (or in philosophy with religion advisor's approval)

A minor in philosophy consists of the following:

PHL 2003 World Religions
PHL 4013 History of Philosophy I
PHL 4023 History of Philosophy II
9 elective hours in philosophy (or in religion with philosophy advisor's approval)

Students with a minor in philosophy are strongly advised to take Logic (PHL 2043). All work leading toward a minor must be approved by a student's religion or philosophy advisor.

Native American Theological Education Consortium Program (NATEC) Ozarks joined the Native American Theological Education Consortium in the fall of 1981. The consortium consists of Ozarks; Cook College and Theological School in Tempe, Arizona; the University of Dubuque; and Dubuque Theological Seminary in Dubuque, Iowa. As a part of NATEC, Ozarks recognizes its role in offering support for Indian/Eskimo church communities. This includes developing strategies for fostering indigenous church leadership.

BA Degree: Eight Consecutive Semester Course of Study

for the Major of Religion and Philosophy

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR: (31 or 32 hours)

Fall Semester

- Composition I
- Critical Inquiry
- Introduction to Philosophy

Spring Semester

- Composition II
- Logic (*or* other lower-level REL/PHL elective)
- Introduction to Religion

Either Semester:

- REL 1003, REL 1013 (Old or New Testament) or other RELIGION requirement
- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (30-32 hours)

Fall Semester

- Ethics

Spring Semester

- Religion and Philosophy elective

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 or 16 hours

JUNIOR YEAR: (31 or 32 hours)

Fall Semester

- Biblical Interpretation: OT
- World Religions

Spring Semester

- Biblical Interpretation: NT

Either Semester:

- 3000- or 4000-level electives in Philosophy or Religion (6 hours)
- General Education courses from Distribution Requirements to total 15 or 16 hours

SENIOR YEAR: (32-33 hours)

Fall Semester

- History of Philosophy I
- Senior Seminar (in REL or PHL) (2 hours)

Spring Semester

- History of Philosophy II
- Senior Seminar (in REL or PHL) (2 hours)

Either Semester:

- 3000- or 4000-level electives in Philosophy or Religion (3-6 hours)
- General electives to total 16 to 17 hours

*For students starting in the fall semester of an **odd numbered year** (e.g. 2005)*

FRESHMAN YEAR: (31 hours)

Fall Semester

Spring Semester

- Composition I
- Critical Inquiry
- Ethics
- Composition II
- PHL or REL elective

Either Semester:

- REL 1003, REL 1013 (Old or New Testament) or other RELIGION requirement
- COM 1003 Basic Oral Communication
- MTH 1033 College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours

SOPHOMORE YEAR: (32 + hours)

Fall Semester

- Introduction to Philosophy
- World Religions

Spring Semester

- Logic (or other electives)
- Introduction to Religion

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 or 17 hours

JUNIOR YEAR: (30 or 31 hours)

Fall Semester

- History of Philosophy I

Spring Semester

- History of Philosophy II

Either Semester:

3000- or 4000-level electives in Philosophy or Religion (6 hours)

- Six or Seven hours from Distribution Requirements
- General Education from Distribution Requirements or general electives to total 15 or 16 hours

SENIOR YEAR: (30-33 hours)

Fall Semester

- Biblical Interpretation: OT
- Senior Seminar (in REL or PHL) (2 hours)

Spring Semester

- Biblical Interpretation: NT
- Senior Seminar (in REL or PHL) (2 hours)

Either Semester

3000- or 4000-level electives in Philosophy or Religion (3 - 6 hours)

- Four hours from Distribution Requirements
- General electives to total 15 to 17 hours

Courses: Philosophy

PHL 2003 World Religions A course intended to acquaint students with the origins, historical development and essential beliefs and practices of the world's major religious traditions, including Christianity, seeking to understand western and non-western traditions on their own terms.

PHL 2013 Introduction to Philosophy An introductory inquiry into the major areas of philosophy, including epistemology, metaphysics, and ethics; traditional and contemporary problems of philosophy are analyzed and discussed.

PHL 2043 Logic An introductory course in reasoning which will integrate the skills of analysis, evaluation, and argumentation. The various uses of language, informal fallacies, syllogistic reasoning, and the principles of formal logic, including sentential and quantification logic, will be examined.

PHL 2063 Ethics This course considers classical and modern discussions of ethical ideas and moral judgments in religious and secular perspectives. Contemporary moral problems also are examined in light of ethical theories taken from the history of thought.

PHL 3033 Philosophy of Religion This course investigates the philosophical dimensions of religion, such as the nature of religious language, the relation between reason and revelation, and the nature and existence of God.

PHL 3063 Aesthetics This course examines questions of truth, value and judgment in art and in related human aesthetic activities and experience.

PHL 3073 History of Political Thought I A critical study of the major theories and concepts of political and social thought in the western heritage from Plato to the present.

PHL 3083 History of Political Thought II A continuation of the critical study of the major theories and concepts of political and social thought in the western heritage from Plato to the present.

PHL 4013 History of Philosophy I A critical study of important contributions to the history of western thought, emphasizing key figures from the pre-Socratics, Plato and Aristotle to Augustine and Aquinas.

PHL 4023 History of Philosophy II A critical study of philosophy from Descartes through rationalism and empiricism, to Kant and into the 19th century.

PHL 4033 Contemporary Political and Legal Philosophy This course examines representative selections of readings from current political philosophy, including the following: John Rawls, R and A Dworkin, H. Arendt, R. Lakoff, M. Nussbaum, R. Nozick, M. Sandel, B. Berry, J. Derrida, M. Foucault, A. Naess, P. Singer, M. Walzer, and C. Taylor.

PHL 4103 Modern Philosophical Traditions This course is designed to examine, in some detail, selected thinkers, movements, and topics, prominent after Kant. Though its precise focus will vary, it may emphasize either the analytic tradition or various continental traditions (such as phenomenology and existentialism). Students may repeat this course once, when a different topic is offered, on approval of their religion and philosophy advisor.

PHL 4203 American Philosophy An examination of the contributions to philosophy by Americans in the 19th and 20th centuries, focusing on such figures as James and Dewey.

PHL 4303 Advanced Topics in World Religions This variable-topic course provides students

opportunities to explore a major religious tradition or group of traditions in-depth (such as Buddhism or Native American religions), or to examine a broad issue across several world religions (such as Religion and Violence, or Women and Religion). Students may repeat the course for credit provided the topic is different.

PHL 4442-4452 Senior Seminar in Religion and Philosophy A two-semester seminar designed to be the culmination of the course of study for majors in religion and philosophy. Students taking the seminar under the PHL prefix will define and conduct research on a religion topic in consultation with their advisor, and they will present the conclusions of their work in the form of a senior thesis and an oral presentation. They will also complete a comprehensive exam in religion and philosophy. Students must register for both parts of the course. Prerequisite: Senior status.

Courses: Religion

REL 1003 Old Testament This course introduces students to the literature of the Hebrew Bible (the Christian Old Testament), with special attention given to historical, literary, and theological approaches to the study of the Bible.

REL 1013 New Testament Set within the framework of the Old Testament, this course introduces students to the literature of the New Testament, with special attention given to historical, literary, and theological approaches to the study of the Bible.

REL 1023 Introduction to Religion A course intended to introduce students to the academic study of religion. The course explores features common to most religions (such as ritual, myth, and scripture), as well as the variety of approaches employed in defining and understanding religion.

REL 2003 World Religions A course intended to acquaint students with the origins, historical development and essential beliefs and practices of the world's major religious traditions, including Christianity, seeking to understand western and non-western traditions on their own terms.

REL 2033 Introduction to Theology Employing a variety of traditional and contemporary approaches, this course examines the fundamental doctrines of Christian faith and practice.

REL 2303 Social Issues from Christian Perspectives Employing biblical traditions as the foundation for reflection, this course will examine some of the more controversial social issues of our day. Discussion will center not only on particular ways that the biblical heritage has shaped our judgments, but also on how changes in society and culture have stimulated new interpretations of scriptural material.

REL 3003 Biblical Interpretation: Old Testament An advanced course on issues and methods of Biblical interpretation, exploring a specific book or genre from the Old Testament. The course

attempts to prepare students to formulate and defend their own interpretations of the Bible. It may be repeated for credit provided the topic of study is different.

REL 3013 Biblical Interpretation: New Testament An advanced course on the issues and methods of Biblical interpretation, exploring a specific book or genre from the New Testament. The course attempts to prepare students to formulate and defend their own interpretations of the Bible. It may be repeated for credit provided the topic of study is different.

REL 3023 History of Christian Thought This course is intended to explore Christian thought and practice within a particular historical context. Topics will vary from semester to semester. Students may repeat the course for credit provided the topic is different.

REL 3033 Philosophy of Religion This course investigates the philosophical dimensions of religion, such as the nature of religious language, the relation between reason and revelation, and the nature and existence of God.

REL 3113 Sociology of Religion Religion is one of the most influential institutions in society and a major topic of study and theory within sociology. This class assess religions role in both contemporary and historical societies from a sociological standpoint. This includes the use of sociological concepts and theories as tools to understand the impact of religion as an institution. Prerequisite: Junior standing or permission of the instructor required.

REL 3341-3 Internship The internship is designed to provide students with field experience under the supervision of a professional in the field and a member of the faculty. Offered on a pass-fail basis only.

REL 4003 Religion in Late Antiquity This course examines the cultural context for the personalities (such as Origen, Constantine, and Augustine) and the evolving institutions (such as the canon, councils, liturgies, and monasticism) that established the basis for Christianity as a worldwide phenomenon between the destruction of the temple in 70 CE and the birth of Muhammad 500 years later.

REL 4103 Religion in America This course explores the prominent themes, persons, ideas, and movements that have shaped the religious situation in North America. The primary approach will be historical, beginning with Native traditions and their early encounters with Europeans in the colonial period, and concluding with recent developments.

REL 4213 Reformation Studies Detailed study of Europe between 1350 and 1650. Intellectual and political developments during the Renaissance are examined. Christian Humanism and the relationship between the Northern Renaissance and the Reformation are emphasized. Luther, Calvin, and the Radical Reformers are stressed. (Cross-listed as HIS 4213 Early Modern Europe)

REL 4303 Advanced Topics in World Religions This variable-topic course provides students opportunities to explore a major religious tradition or group of traditions in-depth (such as Buddhism or

Native American religions), or to examine a broad issue across several world religions (such as Religion and Violence, or Women and Religion). Students may repeat the course for credit provided the topic is different.

REL 4442-4452 Senior Seminar in Religion and Philosophy A two-semester seminar designed to be the culmination of the course of study for majors in religion and philosophy. Students taking the seminar under the REL prefix will define and conduct research on a religion topic in consultation with their advisor, and they will present the conclusions of their work in the form of a senior thesis and an oral presentation. They will also complete a comprehensive exam in religion and philosophy. Students must register for both parts of the course. Prerequisite: Senior status.

Social Sciences

The social sciences major is designed to provide systematic inquiry into the human condition from the perspective of the social sciences and history. The strategies of inquiry should enable the individual to understand himself or herself as an evolving individual and as a contributing member of communities (e.g., family, religion, other social affiliations, political and economic organizations). The knowledge and skills of the major are designed to enhance the opportunities for students to compete successfully for admission to graduate and professional schools in environmental studies, international relations, law, political science, psychology, public administration, social work, and related fields.

The curriculum for the social sciences degree consists of a basic requirement and a concentration requirement. The basic requirement involves successful completion of six semester hours in each social science discipline. Three of these six hours must be upper-level. After completion of the basic requirement or during the second semester of the sophomore year, the student will declare a concentration area. He or she will then be assigned an advisor from the declared concentration area. The specific course requirements of the eighteen-hour concentration are determined through student-advisor consultation. However, three of the eighteen hours must be a senior seminar in the concentration area.

Basic Requirement

- Six hours of history
- Six hours of political science
- Six hours of psychology
- Six hours of sociology

Concentration Requirement

- Fifteen hours of advisor-approved electives
- Senior Seminar

Each social sciences major will take an advanced-placement examination (e.g, LSAT, GRE) before graduation. The preparation for and scheduling of this examination will be a student-advisor consultation responsibility.

Those students wanting to major in Social Sciences should be advised to take General Education classes, to include American National Government or American History I (HIS or PLS 2013) or World Civilization I, AND either Introduction to Sociology 1013 or General Psychology PSY 1003 in their first semester.

BS Degree: Eight Consecutive Semester Course of Study

for the Major of SOCIAL SCIENCE

FRESHMAN YEAR

Fall Semester (15 or 16 hours)

- Composition I
- Critical Inquiry

Either semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 15 or 16 hours per semester (must include American National Government or American History I AND Introduction to Sociology or General Psychology)

Spring Semester (15 or 16 hours)

- Composition II

SOPHOMORE YEAR

Fall Semester (15 or 16 hours)

- Six to nine hours from Social Science Requirements (HIS, PLS, PSY, SOC)

Either semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 15 or 16 hours

Spring Semester (15 or 16 hours)

- Six to nine hours from Social Science Requirements (HIS, PLS, PSY, SOC)

JUNIOR YEAR

Fall Semester (16 or 17 hours)

- Six hours from Social Science Requirements (HIS, PLS, PSY, SOC)
- Three to six hours concentration electives

Either semester:

- General Education courses from Distribution Requirements or general electives to total 16 or 17 hours

Spring Semester (16 or 17 hours)

- Six hours from Social Science Requirements (HIS, PLS, PSY, SOC)
- Three to six hours concentration electives

SENIOR YEAR

Fall Semester (16 or 17 hours)

- Three to six hours concentration electives
- Senior Seminar

Either semester:

- Advanced-placement exam (LSAT, GRE)
- General Education courses from Distribution Requirements or general electives totaling 16 or 17 hours

Sociology

The sociologist . . . is a person intensively, endlessly, shamelessly interested in the doings of men. His natural habitat is all the human gathering places of the world. . . . His consuming interest remains in the world of men, their institutions, their history, their passions. . . . The fascination of Sociology lies in the fact that its perspective makes us see in a new light the very world in which we have lived all our lives.

--Peter L. Berger, *Invitation to Sociology*

Sociology is the study of groups of persons. Social psychology is the study of relationships of a person to groups of persons. Anthropology is the study of our man-made inheritance. The sociologist, as a scientist, collects data systematically, develops ideas about relationships, and produces guidelines for predicting human activity. Sociology may provide a foundation for graduate study in theology, political science, the medical sciences, the arts, the humanities, and the service professions, as well as graduate study in sociology.

Major A sociology major shall consist of 33 hours, including the following:

Students must take all of the Sociology Core courses.

Sociology Core

BSA 3023	Business Statistics I or (upon consultation with advisor) PSY 2003 Fundamentals of Descriptive Statistics for Behavioral Science I
SOC 1013	Introduction to Sociology
SOC 2013	Social Problems
SOC 2023	Social Research Methods or (upon consultation with advisor) COM 3183 Research Methods and Writing
SOC 4023	Social Theory
SOC 4443	Senior Seminar in Sociology

Students must take at least 15 hours of the Sociology Option course.

Sociology Options:

ENS 1013	Introduction to Environmental Studies
ENS 3013	Environmental Ethics
PSY 3043	Social Psychology
SOC 3033	Environment, Natural Resources, and Community
SOC 3073	Race, Class, and Gender
SOC 3113	Sociology of Religion
SOC 4033	The Sociology of Deviant Behavior
SOC 4983	Seminar: Sociology

SOC 4983 Sociology Seminar can be repeated, but the topic must be different each time.

Writing Requirement To fulfill the Sociology degree requirement, each sociology major will submit, prior to graduation, a substantial research or analytical paper, with a grade of “A” or “B”. This paper will be completed during the semester in which the student takes SOC 4443 Senior Seminar in Sociology. This paper will be guided by and evaluated by the sociology faculty.

Minor A sociology minor shall consist of 18 hours, including the following:

Sociology Core:

SOC 1013	Introduction to Sociology
SOC 2023	Social Research Methods
SOC 4023	Social Theory

Sociology Options (9 hours):

BA Degree: Eight Consecutive Semester Course of Study

for the Major of SOCIOLOGY

FRESHMAN YEAR (32 hours)

Fall Semester

- Composition I
- Critical Inquiry
- **Introduction to Sociology**

Spring Semester

- Composition II
- **Social Problems**

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 hours

SOPHOMORE YEAR (32 hours)

Fall Semester

- Sociology Option elective

Spring Semester

- **Social Research Methods or Research Methods and Writing (upon consultation with advisor)**

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

JUNIOR YEAR (30 hours)

Fall Semester

- Sociology Option elective
- **Business Statistics I or Fundamentals of Descriptive Statistics for Behavior Science I (upon consultation with advisor)**

Spring Semester

- Sociology Option elective

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 15 hours

SENIOR YEAR (30 hours)

Fall Semester

- **Social Theory**
- Sociology Option elective

Spring Semester

- **Senior Seminar in Sociology**
- Sociology Option elective

Either Semester:

- Satisfy Writing Requirement
- General electives to total 15 hours

Note: **Bold** indicates required core sociology classes.

Courses

SOC 1013 Introduction to Sociology A survey of the terms, research methods, and theoretical bases of sociology. The dynamics of human interaction, societal institutions, and development of the human community are considered. Prerequisite: None.

SOC 2013 Social Problems A general study of social deviance, institutional failure, and cataclysmic events resulting in social problems for society. Specific problems are considered, including: crime and justice, environmental degradation, and breakdowns of societal functions.

SOC 2023 Social Research Methods Introduction to the design and data gathering techniques used by sociologists, political scientists and anthropologists. Secondary analysis of historical, census, market and current media data, will be followed by field techniques of quantitative and qualitative research. Quantitative research will include sampling, interview/questionnaire construction, and completion of a survey. Qualitative research will include field work by participant observation.

SOC 3033 Environment, Natural Resources, and Community Environment, Natural Resources, and Community is an overview of the relationship between human populations and their physical environments. This class involves the sociological study of a variety of environmental problems and issues including but not limited to natural resource scarcity and use, overpopulation, urbanization, the environmental movement, and global warming. Prerequisite: SOC 1013 Introduction to Sociology, or ENS 1013 Introduction to Environmental Studies.

SOC 3073 Race, Class, and Gender This course is a survey of the objective and subjective dimension of social stratification and inequality in the United States. This includes the examination of both historical and contemporary perspectives and involves the study of factors such as social mobility, ethnicity, conflict, race, social class, and gender. Prerequisite: SOC 1013 Introduction to Sociology.

SOC 3083 Sociology of Deviant Behavior This course involves the study of aspects of social life that are defined as socially unacceptable. Specific focus is given to the prevalence, theories, stereotypical responses, and social definitions of behaviors that deviate from or violate social norms. Prerequisite: SOC 1013 Introduction to Sociology.

SOC 3113 Sociology of Religion Religion is one of the most influential institutions in society and a major topic of study and theory within sociology. This class assess religions role in both contemporary and historical societies from a sociological standpoint. This includes the use of sociological concepts and theories as tools to understand the impact of religion as an institution. Prerequisite: Junior standing, or permission of the Instructor required.

SOC 4023 Social Theory A study of the ideas and philosophies that shape the sociological perspective. The various contemporary theoretical orientations of sociologists are considered. Prerequisites: SOC 1013 Introduction to Sociology, SOC 2023 Social Research Methods, and two

upper-level sociology courses.

SOC 4443 Senior Seminar in Sociology A research course designed to be the culmination of the social sciences student's college experiences. An examination of the forms of sociological writing and research methodologies. Prerequisite: Senior social science major.

SOC 4983 Seminar: Sociology 01) Criminology--A study of the theories of criminality, societal reactions to the deviant, and corrections/rehabilitation of criminal behavior. Prerequisites: SOC 1013 Introduction to Sociology, or PSY 1003 General Psychology, SOC 2023 Social Research Methods, and consent of the Instructor. 02) Sociology of Art--A study of art as a form of work. Consideration of the art world, with its traditions, support systems, and practicing artists. Prerequisites: SOC 1013 Introduction to Sociology and consent of the Instructor. 03) Environmentalism--A study of the origins, ideologies, and social movements relating to the problems of environmental degradation. Prerequisites: SOC 1013 Introduction to Sociology and consent of the Instructor. 04) Selected Topics in Social Anthropology--e.g., Consequences of Technological Change, The American Experience through Film, etc. Prerequisites: SOC 1013 Introduction to Sociology and consent of the Instructor.

Spanish

Minor Students seeking a minor in Spanish will complete 18 hours beyond the first-year courses (SPN 1013 and 1023). In addition to the second-year courses (SPN 2013 and SPN 2023), the following courses are required:

- Readings in Literature and Culture (SPN 3003)
- a course in literature (SPN 4013, SPN 4023, or a special-studies course)
- a course in civilization (SPN 4113 or SPN 4123)
- a three-hour elective approved by the student's Spanish advisor or another upper-level course in language, literature, or civilization

Immersion Experience: Students pursuing the minor are urged strongly to participate in at least one five-week summer program through Ozarks Abroad, or a similar approved program in a Spanish-speaking country. Students can complete six hours of coursework through Ozarks Abroad.

SPN 1013, 1023 Elementary Spanish I & II These are foundation courses in the fundamental Spanish language skills of listening, comprehension, speaking, reading, writing, and cultural insight. Three hours of class per week, and two hours of listening to tapes and records which accompany the text. Prerequisite: SPN 1013 required for SPN 1023.

SPN 2013, 2023 Intermediate Spanish I & II These are the intermediate level courses in the Spanish language skills of listening, comprehension, speaking, reading, writing, and cultural insight.

Three hours of class per week, and two hours of listening to tapes and records which accompany the text. Prerequisites: SPN 1013 Elementary Spanish I and SPN 1023 Elementary Spanish II, or two years of high school Spanish, or the Instructor's permission. SPN 2013 required for SPN 2023.

SPN 3003 Readings in Literature and Culture This course is designed to provide a bridge between Intermediate Spanish and more advanced courses. It is intended to sharpen reading skills (including speed and comprehension, analysis and interpretation, and vocabulary development), to develop speaking and listening skills (through class discussions and in-class presentations), and to introduce some of the historical and cultural issues to be studied in greater detail in more advanced courses. Prerequisite: SPN 2023 Intermediate Spanish II, or permission of the Instructor.

SPN 3013 Advanced Grammar This course provides an in-depth review of Spanish phonology, morphology, and syntax. Prerequisite: SPN 2023 Intermediate Spanish II, or permission of the Instructor.

SPN 3023 Advanced Conversation and Composition This course provides advanced preparation intended to help students work toward oral and written fluency. Prerequisite: SPN 2023 Intermediate Spanish II, or permission of the Instructor.

SPN 4013 Introduction to the Literature of Spain This course presents a survey of Spanish literature from the *Cid* through the contemporary period. Special attention will be paid to the poets and dramatists of Golden Age and to the Generation of 1898. Prerequisite: SPN 3003 Readings in Literature and Culture.

SPN 4023 Introduction to the Literature of Latin America This course presents an overview of the literatures from various Latin American countries from the sixteenth century to the present. Special attention will be given to major writers of the twentieth century. Prerequisite: SPN 3003 Readings in Literature and Culture.

SPN 4113 Spanish Civilization This course provides a survey of Spanish civilization from the cave dwellers of Altamira through Franco and contemporary Spain. Prerequisite or corequisite: SPN 3003 Readings in Literature and Culture.

SPN 4123 Latin-American Civilization This course provides an overview of Latin American civilization and culture beginning with pre-Columbian societies and concluding with a more detailed study of one or more representative countries. Prerequisite or corequisite: SPN 3003 Readings in Literature and Culture.

Theatre

Theatre at Ozarks contributes in many ways to the university's three-fold mission. The intellectual development of students occurs very quickly in our freshmen theatre courses. Each of the course offerings in theatre is specifically designed to meet all four ISOs as adopted by the University of the Ozarks. Theatre, by its nature, is a very social activity. Students must be able to interact with faculty and with each other in order to produce a play. Collaborative activity is essential to a successful theatre production. The students' spiritual development can be seen in the thematic variety of the plays produced by University Theatre. Plays as diverse as *The Twilight of the Gods*, *Aesop: Fables for Our Times*, *Unfair Arguments with Existence*, *Sylvia*, and *Benefactors* each deal with the ethical and moral issues which face humanity. University Theatre is proud of the fact that not only are theatre students involved with these concerns but students who participate as audiences are as well.

The theatre program seeks to educate students in all aspects of the theatrical arts. Analytical skills, problem solving, and cooperative endeavors are promoted through the creative process of theatre productions. The collaborative process of play production is the basis for all theoretical and practical work. The program prepares students for graduate study and for professional employment in the theatre and related fields. Although it is hoped students will pursue a career in either educational or professional theatre, the program also provides students with a wide range of skills and experience which can be used in a variety of careers.

University Theatre productions serve as a laboratory where students practice classroom theories. However, this does not mean that participation is limited only to theatre majors or students enrolled in theatre classes. All interested students are encouraged to become involved in any aspect of theatrical activity. Theatrical seasons are selected to provide university and community audiences with the opportunity to experience plays from a wide range of periods and genres which are presented in a variety of production styles. All theatre majors and minors must participate in every University Theatre production (either as cast or crew member) each semester they are enrolled in a curriculum leading to a degree in theatre. All such students must audition for all theatre productions. If cast, all such students are required to accept the role and act in a maximum of three university theatre productions each year. Students may choose to act in more than three productions a year if they so desire. All theatre majors and minors must participate in work calls and run crew assignments.

ISOs of the Theatre Program

1. Graduates will be able to analyze, synthesize, and evaluate dramatic literature.
2. They will be able to generate significant evidence of competence in one or more areas of theatre.
3. They will display mature judgment and professional behavior during the artistic process.
4. They will be able to communicate effectively using the language of theatre.

5. They will be prepared to pursue advanced study in graduate school or to obtain other positions both in and out of the field.

Major The major in theatre consists of 45 required hours. The following courses are required:

THR 1013	Introduction to Theatre
THR 1023	Stagecraft
THR 1033	Fundamentals of Design
THR 2003	Fundamentals of Directing
THR 2013	Fundamentals of Acting
THR 2023	Voice and Diction
THR 3013	Theatre History I
THR 3023	Theatre History II
THR 3033	Scene Design and Technology
THR 3043	Lighting Design and Technology
THR 3053	Costume Design and Technology
THR 4003	Advanced Directing
THR 4013	Advanced Acting
THR 4033	Internship
THR 4233	Senior Project

Minor A minor in theatre consists of the following:

THR 1013	Introduction to Theatre
THR 1023	Stagecraft
THR 2013	Fundamentals of Acting

Nine hours of theatre courses chosen in consultation with a member of the theatre faculty

BA Degree: Eight Consecutive Semester Course of Study

for the Major of THEATRE

For students starting in the fall semester of an **even numbered year** (e.g. 2006)

FRESHMAN YEAR (32 hours)

Fall Semester

- Introduction to the Theatre
- Fundamentals of Acting
- Composition I
- Critical Inquiry
- Lab Science Course

Spring Semester

- Fundamentals of Theatre Design
- Stagecraft
- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 hours

SOPHOMORE YEAR (32 hours)

Fall Semester

- Fundamentals of Directing
- Costume Design & Technology

Spring Semester

- Advanced Acting

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

JUNIOR YEAR (32 hours)

Fall Semester

- Voice & Diction
- Scene Design & Technology
- Advanced Directing

Spring Semester

- Theatre History I
- Lighting Design & Technology

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 hours

SENIOR YEAR (32 hours)

Fall Semester

- Internship
- Senior Project

Spring Semester

- Theatre History II

Either semester:

- Internship
- Senior Project
- General electives to total 16 hours

For students starting in the fall semester of an **odd numbered year** (e.g. 2005)

FRESHMAN YEAR (32 hours)

Fall Semester

- Introduction to the Theatre
- Fundamentals of Acting
- Composition I
- Critical Inquiry
- Lab Science course

Spring Semester

- Stagecraft
- Composition II

Either Semester:

- Basic Oral Communication
- College Algebra
- General Education courses from Distribution Requirements to total 16 hours

SOPHOMORE YEAR (32 hours)

Fall Semester

- Voice & Diction

Spring Semester

- Fundamentals of Theatre Design
- Theatre History I

Either Semester:

- World Civilization I or Humanities I
- World Civilization II or Humanities II
- General Education courses from Distribution Requirements to total 16 hours

JUNIOR YEAR (32 hours)

Fall Semester

- Fundamentals of Directing
- Lighting Design & Technology
- Advanced Directing

Spring Semester

- Advanced Acting
- Costume Design & Technology

Either Semester:

- General Education courses from Distribution Requirements or general electives to total 16 hours

SENIOR YEAR (32 hours)

Fall Semester

- Scene Design & Technology
- Advanced Directing

Spring Semester

- Theatre History II

Either Semester:

- Internship
- Senior Project
- General Education courses from Distribution Requirements or general electives to total 16 hours

Courses

THR 1013 Introduction to Theatre Theatre as an art form. A survey of diverse theatrical and dramatic theories and production styles in relationship to current events in world theatre. Production participation and laboratory hours required.

THR 1023 Stagecraft Theory and practical experience in the techniques of planning and preparing the technical aspects of theatrical production. Emphasis on theatre architecture and on building, painting, mounting, and shifting all types of scenery. Production participation and laboratory hours required.

THR 1033 Fundamentals of Design This course will introduce students to the basic elements and principles of design while allowing them practical experience with a variety of artistic media as well as an introduction to script analysis. Fundamentals of Theatre Design will introduce the concept of the collaborative process. The focus of this course will be to give students a foundation for the other design courses that are required in their major. Laboratory experience is required, as with all design courses offered.

THR 1111-4111, 1112-4112, 1113-4113 Play Production A student may earn up to fifteen hours credit for participation in play production activities. Students majoring in the theatre sequence must enroll for a minimum of six hours. Depending on the nature and scope of the task, from one to three hours credit may be earned in such diverse areas as performance, stage management, directing, design (lighting, scenery, and/or costume), management, makeup or technical run crews. Credit cannot be earned for repetition or duplication of tasks. Each time a student enrolls a contract must be signed with the supervising faculty member.

THR 2003 Fundamentals of Directing Director as literary analyst and production critic. Play analysis, production concepts, staging theory and techniques, rehearsal methods and procedures. Prerequisite: THR 2013 Fundamentals of Acting.

THR 2013 Fundamentals of Acting Theory and practice of modern performance techniques with emphasis on character analysis and development, imagination, creativity, and movement.

THR 2023 Voice and Diction Study of the processes of vocal production and exercises for improvement of pronunciation and articulation. Prerequisite: Consent of the Instructor.

THR 3013 Theatre History I The development of the theatre and dramatic literature; critical study of representative plays of the period covered.

THR 3023 Theatre History II The development of the theatre and dramatic literature; critical study of representative plays of the period covered.

THR 3033 Scene Design and Technology Makes use of lecture, practical experience, and personal exploration through a variety of artistic media to help each student understand both the art and technology involved in theatrical scenic design. Laboratory experience required. Prerequisite: THR 1033 Fundamentals of Design.

THR 3043 Lighting Design and Technology History, theory and practice of lighting design. Makes use of lecture, practical experience, and personal exploration through a variety of artistic media to help each student understand both the art and technology of lighting design. Laboratory experience required. Prerequisite: THR 1033 Fundamentals of Design.

THR 3053 Costume Design and Technology History, theory, and practice of costume design. Makes use of lecture, practical experience, and personal exploration through a variety of artistic media to help each student understand the art and technology of costume design. Laboratory experience required. Prerequisites: THR 1023 Stagecraft and THR 1033 Fundamentals of Design.

THR 3063 Musical Theatre History, theory, and performance of musical theatre. Application of theory in production. Students are required to participate in a University Theatre musical theatre production.

THR 4003 Advanced Directing Building upon the beginning theories and techniques of Fundamentals of Directing, students will investigate directing approaches to directing period/classical plays and ethical problems of directing. The final project for the class will include the direction of a one-act play. Prerequisite: THR 2003 Fundamentals of Directing

THR 4013 Advanced Acting Theory and practice of period/classical plays with emphasis on language, style, and movement. Prerequisite: THR 2013 Fundamentals of Acting, or permission of the Instructor.

THR 4033 Internship Provides student an opportunity to implement professional applications of acquired theatrical skills. All theatre majors are required to secure a job with a professional producing organization. This employment may be in the form of summer internships or apprenticeships. The experience may be in performance, directing, management, design or technology. Faculty will assist students in attaining internships and will collaborate with on-site supervisors to evaluate internships. Students are required to submit a written proposal to theatre faculty.

THR 4233 Senior Project Students may undertake a major project which most often will be in conjunction with the regularly scheduled University Theatre seasons of plays. Areas for project consideration may include, but are not limited to, directing, costume design, lighting design, set design, theatre management, and technical direction. Students with a particular interest in acting may choose to present a senior recital/one person show. All projects require a supporting paper.

Other Courses

1781-1784, 2781-2784, 4781-4784 Special Studies A study of selected topics in the discipline.

1891-1893, 2891-2893, 3891-3893, 4891-4893 Practicum Practicum is a practical and applied learning experience in a discipline or profession. It may be repeated to a maximum of 12 hours total credit.

3981-3983, 4981-4983 Seminar Seminar courses including special classes and/or programs which are added to the curriculum on an irregular basis. Seminars are designed to provide an opportunity for the strengthening of individual discipline areas.

3991-3993 Directed Study The student may choose to initiate a self-directed reading research project or undertake tutorial study of a course offered in the catalog. Prerequisites for such a study are as follows: 1.) a minimum grade point average of 2.00 must have been attained prior to petitioning; 2.) a written petition must be submitted to the sponsoring professor for approval (standards for such a petition are furnished by the sponsoring faculty member); 3.) the division chair in the discipline(s) in which the study is proposed must approve the project; and 4.) a copy of the approved petition is filed with the vice president for academic affairs.

4991-4993 Special Problems Special Problems provides the student with the opportunity to conduct independent study and research related to a specific problem or project in a field of study. Approval of division chair and vice president for academic affairs must be obtained prior to enrollment.

The University Community

Faculty

Bruce Brown, Associate Professor of Theatre, 1996
B.A., Southeastern Oklahoma State University;
M.F.A., University of Virginia

Blaine Caldwell, Professor of Art, 1982
B.A., University of the Ozarks;
M.A., University of Arizona;
M.F.A., University of Arkansas

Rickey Casey, Associate Professor of Management and Business, 1987, Director of International Studies
B.S., University of the Ozarks;
M.B.A., University of Central Arkansas;
Diploma, Southern Methodist University Graduate School of Banking;
D.B.A., Nova, Southeastern University

Jane Cater, Professor of Communications, 1982
B.S.E., Henderson State University;
M.A., Eastern Michigan University;
Ed.D., University of Arkansas

Sean Coleman, Assistant Professor of Biology, 2000
B.A., Luther College;
Ph.D., University of Iowa

David Daily, Assistant Professor of Religion, 2000
B.A., Ouachita Baptist University;
M.Div., Yale University;
Ph.D., Duke University

Stewart Dippel, Professor of Political Science, 1992
B.A., Miami University;
M.A., Miami University;
Ph.D., Ohio State University

William Doria, Assistant Professor of Chemistry, 2003
B.S., Lynchburg College;
M.S., Vanderbilt University;
Ph.D., Middle Tennessee State University

Bill Eakin, Associate Professor of Philosophy and German, 2000
B.A., Hendrix College;
M.A., Baylor University;
M.A., University of California, Davis
Ph.D., University of Arkansas, Fayetteville

Bruce G. Elmore, Professor of Physical Education, 1988
B.S., State University of New York at Cortland;
M.S., University of Illinois at Champaign-Urbana;
Ph.D., University of Illinois at Champaign-Urbana

Patrick A. Farmer, Walton Professor of Theatre, 1987
B.A., University of Central Arkansas;
M.A., Kent State University;
Ph.D., Kent State University

Sharon Gorman, Associate Professor of Music, 1996
B.M., Westminster Choir College;
M.M., Westminster Choir College;
Ph.D., Stanford University

Brian Hardman, Assistant Professor of English, 2005
B.S., Southwest Missouri State University
M.A., University of Arkansas
Ph.D., University of Arkansas

Tammy Harrington, Assistant Professor of Art, 2002
B.F.A., University of South Dakota;
M.F.A., Wichita State University

Elissa Heil, Professor of English and Spanish, 1992
B.A., Dickinson College;
M.Phil., New York University;
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B.S., University of the Ozarks;
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B.S., University of the Ozarks;
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B.A., Mid-America Nazarene College;
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B.A., Washburn University;
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B.S., Southern Arkansas University;
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B.S., Clemson University;
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B.A., Texas Tech University;
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B.S., Ohio State University;
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B.A., Vanderbilt University;
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B.S., Salisbury State University;
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B.A., Henderson State University;
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B.A., Southern Illinois University;
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A.M., Harvard University;
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B.A., Marycrest College;
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B.A., University of Arkansas;
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B.S.E., Emporia State University;
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Administration

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Steve Edmisten, M.A.	Executive Vice President
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Jeff Scaccia, M.B.A.	Chief Financial Officer
Darrell Williams, B.S.	Business Manager
Sherrie Arey	Dean of Residential and Campus Life
Jana Hart	Dean of Admissions and Financial Aid

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Marian Askins	Office Manager, Division of Sciences and Mathematics
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Connie Booty	Executive Assistant to the President
Elizabeth Caroscio	Head Women's Softball Coach, and Head Men's and Women's Cross Country Coach
Janie Chappell	Director of Field Experiences & Title II Coordinator
Jimmy Clark	Head Baseball Coach
Jennifer Cleveland	Library Assistant
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Brandy Cox	Director of Alumni Relations
Cindy Cunningham	Office Manager, Admissions Office, and Campus Visit Coordinator
Sherry Davis	Director of Student Support Services
Jim Decker	Associate Director of Admissions
Dave De Hart	Director of Athletics and Head Men's Soccer Coach
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Cara Flinn	Webmaster and University Technology Liaison
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Bo Funderburk	Coordinator of Recreational Activities and Assistant Director of Residential Life
Glenda Gibson	Office Manager, Student Life Office
Luc Godin	Men's and Women's Tennis Coach
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Ed Harris	Assistant Director of Admissions
Wilma Harris	Registrar
Dayna Hilton	Director of Major Grants
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Lisa Hollis	Admissions Counselor and Cheerleading Sponsor
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Vinnie Sayarath-Tran	Publications Coordinator
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ChrisSchultz	Admissions Counselor
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