

2015-16



LYON  
COLLEGE

*Lyon College Course Catalog*

# For More Information

If you need information not included in this catalog, we welcome your questions. Inquiries may be addressed to the offices indicated below. Also listed are the campus location and direct-dial telephone number of each office. For topics not listed, please contact the Office of Communications for referral.

**Telephone: 870-307-7000**  
**TDD Number: 870-307-7366**

**Fax: 870-307-7001**  
**Website: [www.lyon.edu](http://www.lyon.edu)**

## **General Information**

*Office of Communications, Nichols Administration Building, 870-307-7242*

## **Academic Program**

*Office of Academic Services and Dean of the Faculty, Nichols Administration Building, 870-307-7332*

## **Admission**

*Office of Enrollment Services, Welcome Center, 870-307-7250*  
*Toll-free 1-800-423-2542*

## **Alumni Affairs**

*Office of Alumni and Parent Services, Nichols Administration Building, 870-307-7527*

## **Athletics**

*Office of the Athletic Director, Becknell Gymnasium, 870-307-7220*

## **Career Development Office**

*Edwards Commons, 870-307-7227*

## **Financial Aid**

*Office of Financial Aid, Admission Center, 870-307-7257*

## **Finances and Fees**

*Business Office, Nichols Administration Building, 870-307-7322*

## **Gifts and Bequests**

*Office of Institutional Advancement, Nichols Administration Building, 870-307-7211*

## **President's Office**

*Office of the President, Nichols Administration Building, 870-307-7201*

## **Scheduling Campus Events**

*Facilities Use Manager, Nichols Administration Building, 870-307-7325*  
*On-Campus Calendar Administrator, 870-307-7278*

## **Student Life**

*Office of the Dean of Students, Edwards Commons, 870-307-7314*

## **Transcripts**

*To request a transcript, 870-307-7204*

# LYON

CATALOG 2014-15

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## Policies Disclaimer

The course offerings, regulations, and fees appearing in this catalog are announcements. They are not to be construed as representing contractual obligations of Lyon College, which reserves the right to change its courses of instruction, fees, charges for room and board, and general academic regulations without notice, should circumstances warrant in the judgment of the College. Courses listed in this catalog may not be offered every year. An official list of courses to be offered will be published by the Registrar before the beginning of each term.

# 2015-16 Academic Calendar

## Fall Semester 2015

14 Aug.	Fri.	Freshmen arrive
17 Aug.	Mon.	Registration
18 Aug.	Tues.	Classes begin
26 Aug.	Wed.	Last day to add a class
31 Aug.	Mon.	Last day to declare a course pass/fail
		Last day to drop without record of a course
1 Sept.	Tues.	President's Convocation
17 Sept.	Thurs.	Constitution Day
2 – 4 Oct.	Fri. – Sun.	Family Weekend
12 – 13 Oct.	Mon. – Tues.	FALL BREAK
14 Oct.	Wed.	Classes resume
		Midterm grades due by noon
		Deadline for removal of incompletes
20 Oct.	Tues.	Service Day; no classes
21 Oct.	Wed.	Last day to drop a course with a "W"
23 Oct.	Fri.	Board of Trustees meeting
		Founders' Day
23 – 25 Oct.	Fri. – Sun.	Homecoming
26 – 30 Oct.	Mon. – Fri.	Advising Conferences
2 – 6 Nov.	Mon. – Fri.	Pre-registration for current students
25 – 29 Nov.	Wed. – Sun.	THANKSGIVING BREAK
30 Nov.	Mon.	Classes resume
4 Dec.	Fri.	Last classes
7 – 8 Dec.	Mon. – Tues.	Final Exams
9 Dec.	Wed.	Review Day
10 – 11 Dec.	Thurs. – Fri.	Final Exams
14 Dec.	Mon.	Final Grades due by noon

## Spring Semester 2016

11 Jan.	Mon.	Registration
12 Jan.	Tues.	Classes begin
18 Jan.	Mon.	MLK Day; no classes
20 Jan.	Wed.	Last day to add a class
26 Jan.	Tues.	Last day to declare a course pass/fail
		Last day to drop without record of a course
26 Feb.	Fri.	Board of Trustees meeting
4 March	Fri.	Midterm grades due by noon
		Removal of incompletes
7 – 11 March	Mon. – Fri.	SPRING BREAK
14 March	Mon.	Classes resume
21 March	Mon.	Last day to drop a course with a "W"
25 – 28 March	Fri. – Mon.	EASTER BREAK
29 March	Tues.	Classes resume
29 March – 4 Apr.	Tues. – Fri.	Advising conferences
5 – 11 Apr.	Tues. – Mon.	Pre-registration for current students
8 – 10 Apr.	Fri. – Sun.	Scottish Festival
19 Apr.	Tues.	Honors Convocation
29 Apr.	Fri.	Last day of classes
1 – 4 May	Sun. – Wed.	Final exams for graduating seniors
2 – 3 May	Mon. – Tues.	Final exams for non-graduating students
4 May	Wed.	Review Day
5 – 6 May	Thurs. – Fri.	Final exams for non-graduating students
5 May	Thurs.	Senior grades dues by noon
6 May	Fri.	Baccalaureate
7 May	Sat.	Commencement
9 May	Mon.	All grades due by noon

# The Mission of Lyon College

Founded in 1872, Lyon College is a four-year college of the liberal arts and sciences associated with the Presbyterian Church (U.S.A.). The following is the mission statement of the College:

*A selective, independent, undergraduate, residential teaching and learning community affiliated with the Presbyterian Church (U.S.A.), Lyon College offers a challenging curriculum centered on the liberal arts, guided by an Honor System and coordinated with co-curricular programs, all fostering the critical, creative thought and ethical, spiritual growth that will prepare students for fulfilling personal and professional lives committed to lifelong learning and service.*

## Accreditation

Lyon College is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. (30 North LaSalle Street, Suite 2400 Chicago, Illinois 60602-2504, 800-621-7440.) Its teacher education curriculum is accredited by the National Council for the Accreditation of Teacher Education (2010 Massachusetts Avenue, Suite 500, Washington, D.C. 20036-1023, 202-466-7496) and approved by the Arkansas State Department of Education. The College is approved by the State Approving Agency for Veterans' Training (a division of the State Department of Education). It is a member of the Council on International Education Exchange.

## A Brief History of Lyon College

### A Brief History of Lyon College

Founded as Arkansas College by Arkansas Presbyterians, Lyon College opened its doors in September 1872. Originally located on the "downtown" block now occupied by the First Presbyterian Church of Batesville, the College remained under the guidance of the Long family for much of its first four decades. The Reverend Isaac J. Long served as president from the College's founding until his death in 1891, and his son, Eugene R. Long, served two terms as president, 1891 to 1895 and 1897 to 1913. The College was co-educational from the beginning and remained dedicated to a classical course of study into the early 20th century.

The College expanded its physical plant after World War I by purchasing land in the East End Heights section of town, later known as the middle campus. The boom years of the 1920s faded quickly, however, as the Arkansas economy sank into depression. By the early 1930s, the very survival of the College was in jeopardy. Through the untiring efforts of a group of Batesville supporters and alumni and the generosity of Arkansas Presbyterian families, the College recovered in time to par-

ticipate in the post-World War II G.I. boom that filled the nation's classrooms.

In 1952, Dr. Paul M. McCain succeeded the Reverend John D. Spragins as president of the College. McCain's 17-year tenure as president witnessed steady progress including the move to the current campus in 1954; accreditation by the North Central Association (NCA) in 1959; physical expansion during the 1960s; and the geographic and ethnic diversification of the student body.

During the 1970s and 1980s, President Dan C. West oversaw the implementation of significant curricular reforms, the introduction of innovative fundraising techniques, and the development of the Scottish Heritage Program. A bequest in 1981 of more than \$14 million by Miss Jean Brown of Hot Springs launched a drive that paved the way for a significant expansion of scholarship support for students and endowed faculty positions. In early 1980, the College also established a study-travel program that became the distinctive Nichols International Studies Program that supports the travel of students to sites around the globe. A donation by Shuford Nichols, a trustee, and his wife, Laura, endowed the program.

In the 1990s, President John V. Griffith led a strategic planning process that placed the College on the path to distinction as a national liberal arts institution. During Griffith's tenure, the College changed its curriculum, built or expanded several academic buildings, including Holloway Theatre (1991) and the Lyon Business and Economics Building (1993), as well as the president's residence, Bradley Manor (1994), and an upper division residence hall, Young House (1993). In 1994, it adopted the name Lyon College to honor a family that had served it with distinction for more than a half-century. The College also created the state's only student-run Honor System in 1994.

The College's growing regional and national reputation is exemplified by the regular recognition that has come to its faculty. Since 1989, 14 members of the Lyon faculty have been recognized as Arkansas Professors of the Year by the Carnegie Foundation for the Advancement of Teaching and the Council for the Support and Advancement of Education.

Dr. Walter Roettger became the 16th president of Lyon in 1998 and continued the transformation that had begun under his predecessor. The Derby Center for Science and Mathematics was completed in 2003; the Kelley Baseball Complex opened in 2004. In 2001, the College was first recognized by U.S. News & World Report as one of America's "Best Liberal Arts Colleges" and since 2007 it has been ranked in the top tier of those colleges. Dr. Roettger retired as president in 2009.

In 2009, Dr. Donald Weatherman, a former Lyon professor of political philosophy, became the 17th president of Lyon. That fall, Lyon launched the Lyon Education and Adventure Program (L.E.A.P.), an outdoor program that takes advantage of the College's location in the Ozark Foothills and its close proximity to rivers,

lakes, caves, and other natural attractions.

On October 26, 2010, a fire destroyed Edwards Commons, which included the dining hall, student center, and student life offices. Temporary dining facilities were used until a new campus center, also named Edwards Commons, was completed in August 2012. In fall 2012, the College began an assessment and prioritization of all academic and administrative programs, a process designed to position the College for sustainability and growth. In 2013, the Board of Trustees approved the reinstatement of the football program and a five-year strategic plan including a revised core curriculum centered on civic engagement and a growth in student population to 800.

# Liberal Education

Lyon College stands in a long tradition of liberal arts educational institutions designed to cultivate in their students the habits of reasoned thought. The purpose of this liberal education is not simply the acquisition of knowledge, but the development of thoughtful, inquisitive, critical, and creative human beings.

Persons who have the privilege of a liberal arts education appreciate and understand more of human experience, are equipped to serve others in fulfilling vocations and through civic responsibilities, make mature and reflective moral and spiritual commitments, and, as a result, lead richer and fuller lives.

## Liberal Education Principles at Lyon College

The center of a liberal education is the development of essential intellectual abilities: reasoning clearly and critically, reading carefully and accurately, communicating precisely and persuasively, interpreting with insight and imagination. This intellectual cultivation is accompanied by the acquisition of complementary values and virtues: intellectual honesty, the love of truth, fairness to opposing points of view, tolerance of reasoned dissent, patience with complexity and ambiguity. These intellectual and affective qualities together produce a liberally educated person who habitually takes a thoughtful and informed approach to any issue.

The intellectual and personal development that is the heart of a liberal education occurs in many ways: through the advising received from faculty; from personal and informal association with faculty, staff, and other students; through participation in campus organizations and athletics and attendance at lectures and cultural events; through the House System; through the Honor and Social Systems; and through the Campus Ministry Program. While each of these plays an important part, the chief means of liberal education is the academic curriculum, comprising lectures, seminars, laboratories, studios, internships, and research.

The liberally educated person is the product of the critical, analytical, and creative study of established knowledge, principles, theories, and practices. A liberal education results from careful consideration of issues that are of perennial and contemporary concern to thoughtful persons. And it grows through reading and experiencing the moral, intellectual, and aesthetic expressions of human beings around the globe. In other words, liberal education occurs through the critical transmission and creative response to the world's cultural heritage.

Therefore, a liberal education cannot be narrowly focused. Those who take a reasoned approach to their experience must have a breadth of knowledge and understanding. To be liberally educated is to be broadly educated in the arts, the humanities, the natural sciences, and the social sciences.



# Lyon's Liberal Arts Curriculum

The liberal arts education offered by Lyon College consists of three parts: the Core curriculum, a major, and elective courses. These three groups of courses, roughly equal in size, complement one another, creating a coherent and individualized liberal education for each Lyon graduate.

The Core curriculum develops the knowledge and abilities essential to a liberal arts education and to advanced studies at the College. In the Core students also develop the abilities to think critically, to communicate clearly, and to compute incisively. Students also experience breadth of knowledge as they study many of the liberal arts and science disciplines available to them as majors.

The major adds depth to the learning students do in the Core as they encounter knowledge, theories, and methodologies of a single discipline, cultivating the ability to solve problems and to arrive at new understanding and insight from a narrowed disciplinary point of view.

Elective courses, whether taken for personal enrichment or to complete a minor or a concentration, round out students' education. They offer students the opportunity to pursue special interests, add depth in disciplines other than their majors, and make possible the combination of additional study beyond the Core in liberal disciplines for students majoring in a professional discipline and the combination of some study in professional areas for students majoring in a liberal discipline.

## Mission of Lyon's Epic Core Curriculum

The name of Lyon's Core—EPIC: Educating Productive Involved Citizens—defines a purpose for Lyon's Core beyond the typical development of skills and broadening of knowledge addressed in almost every university's general education program. Lyon College's Core curriculum aims much higher. It develops and nurtures indispensable skills and dispositions, and builds the knowledge necessary for students to become responsible citizens, both on campus and throughout their lives. To this end, the Core will hone students' skills of critical thinking, reading, writing, communicating orally, and computing. It will broaden and deepen their knowledge and appreciation of the historical, scientific, cultural, artistic, and spiritual heritages that have shaped their modern society. It will require them to interact thoughtfully with diverse perspectives, encouraging them to examine their own presuppositions and to synthesize new experiences into increasingly mature and coherent worldviews. The service learning with which the Core begins and ends in Year One and Year Four will teach them how vital and rewarding our roles as citizens in local, national, and international communities can be.

Thus, the goals of the Core are:

1. To provide students with intellectual and practical skills essential for engaged citizenship.
2. To provide students with an understanding of human history and cultures, especially western.
3. To provide students with an understanding of difference both within their immediate culture and in the larger world.
4. To develop in students the personal and social responsibility necessary for engaged citizenship.

## **Core Curriculum Requirements**

### **EPIC: Educating Productive Involved Citizens**

#### Proficiency requirements (15 credits):

Taken in the first semester:

- MTH 101 College Algebra

Taken in the first year:

- ENG 101, 102 Freshman Composition I and II

Recommended but not required in the first year:

- First year of a foreign language

#### Common Core requirements (14 credits):

Taken in the first year:

- COR 100 Year One
- ENG 105 World Literature
- POL 105 The American Experience

Taken in the second year:

- HIS 201 Western Civilization I
- HIS 202 Western Civilization II

Taken in the fourth year:

- COR 400 Year Four

#### Distribution requirements:

One fine arts course (3 credits)

Select from:

- ART 101 Introduction to Visual Arts
- ART 201, 201 World Art I and II
- MUS 105 Language of Music
- THE 101 Introduction to Theatre

One social science course (3 credits)

Select from:

- ANT 101 Introduction to Cultural Anthropology
- ECO 101 Principles of Economics I

- PSY 101 Introduction to Psychology

One mathematics course (3-4 credits)

Select from:

- MTH 105 Mathematics for Liberal Arts
- MTH 110 Elementary Functions
- CSC 115 Discrete Mathematics
- MTH 201 Calculus I
- BUS 323 Statistical Applications to Business Decision Making
- PSY 235 Statistics for the Behavioral Sciences

One lab science course (4 credits)

Select from

- BIO 100, 100L Biology in Context
- BIO 110, 110L Principles of Biology I
- CHM 100, 100L Chemistry in Context
- CHM 110, 110L General Chemistry I
- PHY 210, 211 General Physics
- PHY 240, 241 Fundamentals of Physics
- SCI 105, 105L Science for Liberal Arts

One religion/philosophy course (3 credits)

Select from:

- RPH 110 Old Testament
- RPH 120 New Testament
- RPH 130 Introduction to Christian Theology
- RPH 140 Introduction to World Philosophies
- RPH 150 World Religions
- RPH 201, 202 Western Intellectual Tradition I and II
- RPH 205 Introduction to Ethics

Two physical education courses (0-2 credits)

Select from:

- A variety of activities courses
- Varsity athletics

## **COR 100: Year One and COR 400: Year Four**

Year One (Y1) is a one-credit, pass/fail Freshman Experience course, which students take in groups of 15 for the first 12 weeks of the fall semester. Each group is led by a carefully selected faculty mentor and two upper-division student mentors well trained and qualified for this responsibility. The course assists new students in dealing with the inevitable changes and rapid growth they will experience in their transition to college, and promotes an increased sense of self-efficacy through structured

service learning. In addition, Y1 fosters new social connections with other first-year students and across the Lyon College community. Students who have two or more deficiencies at the end of the Y1 course will continue to attend weekly meetings with their faculty mentors until the end of the semester. Students who have two or more deficiencies at the end of the semester will receive an “I” (Incomplete) in Y1 and attend additional spring meetings with either the Director(s) of Y1, the Spragins House mentor, or the Dean of Faculty.

All first-time, full-time students who graduated from high school within the last two years take Y1. The Dean of Faculty must approve any exceptions. First-time, full-time students who enter during the spring semester take a modified version of this course. Transfer students who have successfully completed 18 or more credits at another institution do not take Y1.

Year Four is a senior common core experience that mirrors the local service project in Year One. In this one-credit course, students will research, design and carry out an international service project. They will learn about needs in an international location, help meet those needs, and recognize the intellectual growth and maturation they have accomplished as they carry out this project collaboratively with minimal faculty/staff direction. As in Year One, they will present their service project to the Lyon community.

## **Rules Governing Proficiency Requirements**

The proficiency requirements ensure that each student has the ability to use the written word and mathematics as tools of thought and expression and to use a foreign language in a functional way.

Students who demonstrate proficiency in mathematics, writing, or foreign language will be exempted from the appropriate course or courses without credit.

### **Rules Governing All Proficiency Courses**

Students must receive a grade of “C” or better in ENG 101, ENG 102, MTH 101, and the first semester (101) of a foreign language in order to satisfy proficiency requirements. Students with a grade of less than a “C” in these proficiency courses must repeat the courses. Students must earn a “C” in the second semester (102) of a foreign language in order to enroll in the first course (201) of the second year of a foreign language.

Once students have matriculated at Lyon, they are advised not to take and attempt to transfer back to Lyon proficiency courses at other institutions. For that transfer to occur, they must pass a Lyon proficiency exam at the level of the course they are attempting to transfer to Lyon.

### **Composition Proficiency**

Students’ writing proficiencies will be determined by their performances on an

essay written on Honors Day or during orientation. Students who do not demonstrate writing proficiency will enroll immediately in the ENG 101-102 sequence and remain in the courses continuously until they have successfully completed them. Students who demonstrate proficiency in ENG 101 may delay taking ENG 102 until the spring of their first year.

### **Mathematics Proficiency**

Students' mathematical proficiency will be determined by the mathematics faculty on the basis of standardized test scores. Students who do not demonstrate mathematics proficiency will enroll immediately in MTH 101 and remain in the course until they have completed it. Students who do not meet the mathematics proficiency requirement during their first year must continue to take MTH 101 until they satisfy the requirement.

### **Foreign Language Proficiency**

- Students who have studied languages taught at Lyon in high school or elsewhere may satisfy the foreign language proficiency requirement by taking and passing a Lyon test online or at Lyon College at a SOAR Day, over the summer, or upon entrance.

- International students whose formal primary and/or secondary school education in their home country was conducted in a language other than English may use their demonstrated proficiency in English as a second language in order to satisfy Lyon's foreign language requirement.

- English-speaking students who wish to fulfill Lyon's foreign language requirement by demonstrating proficiency in a second language not taught at Lyon bear the burden of providing proof of their reading, writing, speaking and listening proficiencies in that language to the satisfaction of Lyon's foreign language faculty. This may be done by means of a standardized testing instrument or a letter from a qualified post-secondary instructor certifying the student's level of proficiency in that language.

- Students who do not demonstrate proficiency in a foreign language or who have had no previous language study are strongly urged to begin a foreign language 101-102 sequence in the fall semester of their first year. Students who successfully complete the first course in a foreign language (101) in the fall must enroll for the second course in that language (102) in the spring. Students who place out of 101 and do not take 102 in the first year will be asked to retake the proficiency exam, demonstrating their 102 readiness. Thus, students who place out of 101 are encouraged to take 102 as soon as possible.

# Degree Options

## Major Fields of Study

Lyon College offers courses of study leading to a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree, depending on the major chosen and, in some cases, the course of study within the major. Lyon offers major programs of study in 16 areas:

Art (B.A.)	Mathematics (B.A.)
Biology (B.A. or B.S.)	Music (B.A.)
Business Administration (B.S.)	Political Science (B.A.)
Chemistry (B.A. or B.S.)	Psychology (B.A.)
Economics (B.A.)	Religion and Philosophy (B.A.)
English (B.A.)	Spanish (B.A.)
History (B.A.)	Theatre (B.A.)
Individualized*	

\*Students may develop individualized majors with the approval of their advisor, the division chair, and the Dean of the Faculty. With some frequency, students do take individualized majors in anthropology, computer science, and French. The Veterans Administration will not pay for individualized majors. Students may also complete two majors, but will receive only one degree. If the two completed majors result in different degrees (B.A. and B.S.), the student may decide which degree he or she will receive.

## Minor Fields of Study

A minor is an elective course of study that allows for some depth of study in a discipline, but not to the same extent as the major. A minor may be chosen by a student along with any major. The College offers the following minors:

Anthropology	English	Physical Education
Art	French	Physics
Biology	History	Political Science
Business Administration	International Studies	Psychology
Chemistry	Mathematics	Religion and Philosophy
Computer Science	Music	Spanish
Economics	Music/Scottish Arts	Theatre

## Concentrations

Lyon offers concentrations in two professional fields. All concentrations must be taken in combination with a major.

1) Secondary Education\*

\* Students may choose from the major fields of art, English, mathematics, music, social studies, and Spanish for licensure.

2) K-12 Music\*\*

\*\* Students major in music.

3) Journalism\*\*\*

4) Pre-Law\*\*\*

5) Outdoor Leadership\*\*\*

\*\*\* Students may select any major offered by the College.

## Courses of Study

### The Anthropology Minor

**Associate Professor: Gloria Everson**

The Anthropology minor is a group of courses designed as a second field for students interested in exploring humans and human culture. There are four subfields in anthropology: Physical Anthropology, Archaeology, Anthropological Linguistics, and Cultural Anthropology.

*Summary of Requirements for a Minor in Anthropology*

ANT 101 Introduction to Cultural Anthropology\* ..... 3 credits

Choose 2 courses from the following: ..... 6 credits

ANT 115 World Prehistory

ANT 140 Language and Culture

ANT 205 Human Origins

Choose 3 courses from the following: ..... 9 credits

ANT 240 Archaeological Method and Theory

ANT 320 Human Variation and Adaptation

ANT 330 Mesoamerican Archaeology

ANT 335 Cultures of Middle America

ANT 382 Special Topics in Anthropology

ANT 450 Independent Study

**Total** ..... **18 credits**

\* This course may also be used to satisfy Core requirements.

Students may develop an individualized major in anthropology, normally with a summer's work at another institution.

## Anthropology Courses

ANT 101 INTRODUCTION TO CULTURAL ANTHROPOLOGY / 3 credits Cultural Anthropology focuses on human behavior within a cultural context. Religion, gender, social organization and subsistence are some of the topics covered in this course.

ANT 115 WORLD PREHISTORY / 3 credits

This course examines the major cultures of the world before the advent of writing. Archaeological issues such as the origins of agriculture and the first civilizations receive special emphasis.

ANT 140 LANGUAGE AND CULTURE / 3 credits

This introductory course in Anthropological Linguistics looks at language from several perspectives, ranging from phonology, the study of the smallest units of sound, to the ways people use language in varying cultural contexts.

ANT 205 HUMAN ORIGINS / 3 credits

This course examines several aspects of Physical Anthropology including the history of scientific thought, the fossil records, human adaptation, and micro- and macroevolution.

ANT 240 ARCHAEOLOGICAL METHOD & THEORY / 3 credits

This is an examination of the historical background of the discipline of archaeology and the methods presently used in the recovery of data.

ANT 320 HUMAN VARIATION AND ADAPTATION / 3 credits

Two important characteristics of our species, *Homo sapiens*, are extraordinary variation and adaptability. This course is designed to explore the origins and processes of human biological variation and adaptation. Sources of variation are developmental, phenotypic, hereditary, gender, individual, population, evolutionary, ecological, sociocultural, and random (in probabilistic terms). What sets us apart from other mammalian species and contributes to further variation is our complex form of human behavior known as culture. The focus of the course is on how humans respond and adapt to the environment. These responses are viewed within a biocultural perspective; that is, with the knowledge that human biology must always be explored within behavioral and cultural contexts.

ANT 330 MESOAMERICAN ARCHAEOLOGY / 3 credits

The remains of the majority of New World civilizations are found in Mesoamerica. The course will examine the Precolumbian cultures of the Olmec, Maya and Aztec. The history of research in this culture area, including the most recent discoveries, will be explored.

ANT 335 CULTURES OF MIDDLE AMERICA / 3 credits

The cultures of contemporary Mexico and Central America occupy center stage in this course. Ethnographic accounts focusing on topics such as religion, gender, immigration, and political unrest provide in-depth information on what life is like for societies south of the United States border.



ANT 382 SPECIAL TOPICS IN ANTHROPOLOGY / 3 credits

This is a general course whose content changes from year to year, but will focus on a cultural issue or in-depth examination of the culture of a specific group or geographic area. May be taken twice for credit toward an anthropology minor. Prerequisite: ANT 101 or permission of the instructor.

ANT 399 ANTHROPOLOGY INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit  
Studies of varying topics in Anthropology, including a two-week Nichols trip. Prerequisites will vary depending on the course topic.

ANT 450 INDEPENDENT STUDY / variable credit

Concentrated study in selected topic.

ANT 480 FIELD STUDY IN ANTHROPOLOGY / variable credit

This course is designed to expose the students to anthropological research outside the classroom. Students will learn first hand the methods utilized and potential problems that may be encountered. Students will prepare a report regarding the complexities of applying anthropological concepts in research situations. Prerequisite: ANT 101 and permission of instructor.

## The Art Major

**Associate Professor: Dustyn Bork**

**Assistant Professor: Morgan C. Page**

The Art major offers a rich and diverse range of investigations across the disciplines of art practice and art history. Integrating extensive liberal arts offerings with a broad studio experience, majors will balance exploration with focus on future goals. The Art major prepares students for application to graduate school or work in an art-related field. The Art major develops in students the necessary knowledge, technical skill and commitment to work as an artist today. Students are immersed in a creative learning environment, and encouraged to cultivate an approach to art making that is informed by traditional two- and three-dimensional art practices, experimental approaches and new digital technologies. Students are encouraged to connect their art education to the opportunities available at an excellent liberal arts college.

### *Summary of Requirements for a Major in Art*

ART 101 Introduction to the Visual Arts*	3 credits
ART 110 Drawing Studio I	3 credits
ART 120 Two-Dimensional Design	3 credits
ART 201 World Art I	3 credits
ART 202 World Art II	3 credits
ART 232 Painting Studio I	3 credits
ART 490 Senior Project	3 credits
Five art electives	15 credits

**Total .....36 credits**

*\* This course may also be used to satisfy Core requirements.*

## The Art Minor

The Art minor is a body of courses designed as a second field for students interested in developing their understanding of the artistic process and their creative talents in the visual arts.

### *Summary of Requirements for a Minor in Art*

ART 101 Introduction to the Visual Arts .....3 credits

ART 110 Drawing Studio I .....3 credits

ART 120 Two-Dimensional Design .....3 credits

ART 201 World Art I .....3 credits

**OR ART 202 World Art II**

Select two of the following:

ART 220 Digital Studio I

ART 232 Painting Studio I

ART 233 Printmaking Studio I

ART 234 Three-Dimensional Studio I

**Total .....18 credits**

## Art Courses

ART 101 INTRODUCTION TO VISUAL ARTS / 3 credits

This course directs the students to an understanding and appreciation of the visual arts — especially drawing, painting, sculpture, and architecture. Students will learn to analyze art works in regard to their design elements and principles, as well as in the context of certain art movements.

ART 102 FUNDAMENTALS OF PHOTOGRAPHY / 3 credits

This course will explore basic camera and digital darkroom techniques. Students will cultivate the aesthetic and conceptual skills of photographic image making. Success in this course will be measured in the understanding of basic camera functions, basic digital imaging skills (scanning, retouching, printing), conceptual development and a final portfolio. (Same as JRN 102)

ART 110 DRAWING STUDIO I / 3 credits

This is an introductory course for the development of basic drawing skills and practices in various drawing materials. Students will explore drawing as a process of seeing, develop technical skills, and engage in the use of drawing media as materials for communication. Course assignments will acquaint students with the basic elements and principles of design. There will be a balance between learning the skills of rendering what is seen, the qualities of drawing such as mark making, and learning to draw what is imagined. Emphasis will be on discovering the “art” of drawing while perfecting the mechanics and skill of drawing.

ART 120 TWO-DIMENSIONAL DESIGN / 3 credits

This foundation course will introduce the basic elements and principles of design and color

theory as well as a wide range of problem-solving strategies. Working with balance, proportion, contrast, color, and so on will help the student develop the skills needed for more advanced work in your major area.

#### ART 201 WORLD ART I / 3 credits

A survey of Western and Non-Western art from Prehistory through the 13th century. Study of cross-cultural influences and regional stylistic attributes.

#### ART 202 WORLD ART II / 3 credits

A survey of Western and Non-Western art from the 14th century to the present. Study of cross-cultural influences and regional stylistic attributes.

#### ART 220 DIGITAL STUDIO I / 3 credits

This course will focus on digital imaging techniques and the industry-standard software applications used by professional graphic designers, photographers and multimedia artists. Students will learn how to use pertinent software and hardware through a series of in-class tutorials and weekly assignments. This course is designed to introduce art majors to a wide breadth of digital arts.

#### ART 230 HISTORY OF MODERN ART / 3 credits

This course focuses on the modern art movement from Realism to the present with an emphasis on artistic innovation during this time of social, political, technological and religious revolution. Major movements including Expressionism, Surrealism, Pop Art and Minimalism will be covered with a close inspection of painting, sculpture, photography and architecture.

#### ART 232 PAINTING STUDIO I / 3 credits

This course is designed to introduce students to the dynamic conventions and material concerns of painting. These conventions of painting include: color mixing, paint application, building your own canvas, and the creation of ideas through sketching and the use of the computer. There will be investigations into both representational and abstract forms. The beginning projects will focus on the student learning how paint functions and not to be so concerned about the finished product. As each student gains technical confidence, we will explore assignments through historical art movements and contemporary trends. There will be an emphasis on creativity and problem-solving skills. In addition to studio assignments, we will survey a diverse range of contemporary painting and its relation to its historical background. Prerequisites: ART 110 or ART 120.

#### ART 233 PRINTMAKING STUDIO I / 3 credits

This is an introductory course designed to initiate a basic understanding of printmaking as an art form through the study and execution of monotype, relief, and intaglio processes. Prerequisites: ART 110 or ART 120.

#### ART 234 THREE-DIMENSIONAL STUDIO I / 3 credits

This course is an introduction to a wide range of three-dimensional materials, where student work takes the form of small pedestal objects to large indoor and outdoor installations. Students are encouraged to mix media and incorporate nontraditional materials into their process. Basic skills and craft are emphasized as the building blocks for communication in three dimensions. Students will be introduced to and participate in the critique process, which teaches critical thinking and evaluation in order to improve the quality of student work.

#### ART 282 SPECIAL TOPICS IN ART / 3 credits

Study of selected topics in art. Prerequisites will vary.

#### ART 299 ART IN CONTEXT / 1 credit

This travel course will allow students to engage with artworks, learn about exhibition and museum culture and visit artist studios in the major artistic centers of the United States. The seminar portion of this class will include readings, discussions, and research presentations on special topics related to the travel itinerary. Prerequisite: One of the following: ART 101, 201, 230, 308, and permission of the instructor.

#### ART 302 METHODS OF TEACHING ART / 3 credits

To prepare art students for their roles as secondary art teachers. Emphasis on curriculum and lesson planning, readings in art education, art classroom management and evaluation; selection, preparation, and use of teaching material.

#### ART 305 GALLERY PRACTICUM / 1 credit

Practical experience in photography, graphic design, writing and design of publicity materials, and/or exhibition preparation. Placement in the Kresge Gallery. Prerequisite: 15 credits in Art, including ART 120 and ART 102 or ART 220 and permission of instructor. May be repeated up to 5 credits. Pass/fail. May not be used to satisfy the requirements of the Art major or minor. The class is limited to three students. Priority given on the basis of seniority.

#### ART 308 RENAISSANCE ART / 3 credits

This course will explore the artistic development of 15th and 16th century Europe with an emphasis on Italian art and artists. Key topics will include patronage, urban development, perspective techniques, humanism and the changing role of the artist.

#### ART 310 PHOTOGRAPHY II / 3 credits

This course is designed to build upon photography skills developed in ART 102: Fundamentals of Photography. Prerequisite: ART 102 or JRN 102.

#### ART 320 DIGITAL ART STUDIO II / 3 credits

This course is designed to build upon digital imaging skills developed in Art 220. Students will study advanced techniques and hone their skills using industry-standard imaging software. Students can choose a concentration of graphic design, typography, digital video or multimedia. Prerequisites: ART 220 Digital Studio I.

#### ART 332 PAINTING AND DRAWING STUDIO II / 3 credits

This course is a further investigation of ART 110 and ART 232. This course is designed for students who desire to learn more advanced techniques in drawing and painting. Emphasis is placed upon individual interpretation and improvement of technical ability. Mixed media and experimental techniques will be introduced. Prerequisites: ART 110 and ART 232.

#### ART 333 PRINTMAKING STUDIO II / 3 credits

A focused investigation of skills and ideas developed in ART 233, with emphasis on concept and subject continuity with respect to modes of personal expression. Prerequisites: ART 233.

#### ART 334 THREE-DIMENSIONAL STUDIO II / 3 credits

This course builds on 3-D Studio I. Students continue to develop technical proficiency and further develop their ability to think critically and communicate visually. Students are encour-

aged to mix media and incorporate nontraditional materials into their process. The assignments for this class will be student driven, and emphasis will be placed on careful planning, execution and completion of projects. Prerequisite: ART 234.

#### ART 340 FILM STUDIES / 3 credits

Students will acquire the basic vocabulary necessary to analyze film as a visual medium and narrative discourse. Various classic and noncanonical films will be examined through close visual and diegetic analysis. Major critical approaches to film will be examined through readings in secondary scholarship. Attendance at weekly evening screenings is required. Prerequisites: ART 101, ENG 110, or THE 101, or permission of instructor. (Same as ENG 340)

#### ART 382 SPECIAL TOPICS IN ART / 3 credits

Study of selected topics in art. Prerequisites will vary.

#### ART 399 ART INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit

Studies of varying topics in art, including a two-week Nichols trip. Prerequisites will vary depending upon course topic.

#### ART 440 ADVANCED STUDIO CONCEPTS / 3 credits

This course allows students to work at the advanced level in the medium of their choosing and teaches them to develop the conceptual dimensions of their work through research on contemporary art. Prerequisites: ART 320, ART 333, ART 310 or ART 332. May be repeated once for credit.

#### ART 450 INDEPENDENT STUDY / variable credit

Concentrated study in selected topic.

#### ART 482 SPECIAL TOPICS IN ART / 3 credits

Study of selected topics in art. Prerequisites will vary.

#### ART 490 SENIOR PROJECT / 3 credits

The senior project is an independent project designed by the student with the guidance of the faculty. The student will produce a body of work that synthesizes the knowledge and skill acquired during their course of study in the Art discipline. The course should result in a show, evidencing a well-developed body of work. Prerequisite: Senior status.

## The Biology Major

**Professors:** Tim Lindblom and David Thomas

**Associate Professor:** Mark Schram

**Assistant Professor:** Cassia C. Oliveira

Biology is the study of life — in all its abundance, variety, and complexity. Students in the Biology major at Lyon College gain a broad knowledge of biological fact and theory, from the molecular to the ecosystem level. They develop their abilities to observe, analyze, and solve problems involving living systems.

Both Bachelor of Science and Bachelor of Arts degrees are available in biology. The B.S. degree is recommended for students interested in the health professions, a graduate degree, or employment in biologically oriented fields.

*Summary of Requirements for a Major in Biology*

*Leading to a Bachelor of Science Degree*

BIO 110 & 112 Principles of Biology I* & II	8 credits
BIO 250 Cell Biology	4 credits
BIO 252 Genetics	4 credits
BIO 340 Ecology	4 credits
Biology Electives: Choose 3 upper division (300-400 level) courses under advisement. At least two of the chosen electives must be 4-credit courses; one may be a 3-credit course. BIO 480 (Directed Research) may not be used	11-12 credits
CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
CHM 210 & 220 Organic Chemistry I & II	8 credits
MTH 110 Elementary Functions*	3 credits
PHY 210, 211 & 220, 221 General Physics I* & II	
OR PHY 240, 241 & 250, 251 Fundamentals of Physics I* & II	8 credits
<b>Total</b>	<b>58-63 credits</b>

\* Either course may also be used to satisfy Core requirements.

<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.

*Summary of Requirements for a Major in Biology*

*Leading to a Bachelor of Arts Degree*

BIO 110 & 112 Principles of Biology I* & II	8 credits
BIO 250 Cell Biology	4 credits
BIO 252 Genetics	4 credits
BIO 340 Ecology	4 credits
Biology Electives: Choose 3 upper division (300-400 level) courses under advisement. At least two of the chosen electives must be 4-credit courses; one may be a 3-credit course. BIO 480 (Directed Research) may not be used	11-12 credits
CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
MTH 110 Elementary Functions*	3 credits
PHY 210, 211 & 220, 221 General Physics I* & II	

OR PHY 240, 241 & 250, 251 Fundamentals of Physics I\* & II 8 credits

**Total 50-55 credits**

\* This course may also be used to satisfy Core requirements.

<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better

ter on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.

## The Biology Minor

The Biology minor is a course of study designed as a second field for students who wish to develop an understanding of the scientific study of living systems and organisms.

### *Summary of Requirements for a Minor in Biology*

BIO 110 & 112 Principles of Biology I* & II	8 credits
BIO 250 Cell Biology	4 credits
BIO 252 Genetics	4 credits
BIO 340 Ecology	4 credits
CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
<b>Total</b>	<b>28-32 credits</b>

\* Either course may also be used to satisfy Core requirements.

<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.

## Biology Courses

### BIO 100 BIOLOGY IN CONTEXT / 4 credits

An in-depth study of a current topic in biology such as biotechnology, ecology, pharmacology or human biology. Course consists of both lecture and laboratory components. Cannot be counted toward Biology major.

### BIO 101 SHORT TOPICS IN BIOLOGY / 1 credit

A course on current topics in biology appropriate for all students. Elective credit. May be taken more than once for credit with permission.

### BIO 110 PRINCIPLES OF BIOLOGY I / 4 credits

Integrated principles of biology emphasizing molecular and cellular aspects of organisms, genetics, and organismal homeostatic mechanisms. Course consists of both lecture and laboratory components.

### BIO 112 PRINCIPLES OF BIOLOGY II / 4 credits

Integrated principles of biology emphasizing the diversity of organisms in the world, their evolution, and their interactions with each other and the environment. Course consists of both lecture and laboratory components. Prerequisite: BIO 110 or permission of instructor.

### BIO 205 BIOMEDICAL TERMINOLOGY / 1 credit

A detailed study of terminology used in the health professions.

### BIO 220 GENERAL BOTANY / 4 credits

Emphasis on structure and life processes of plants with introduction to plant genetics, devel-

opment, physiology, evolution, and distribution. Course consists of both lecture and laboratory components. Prerequisite: BIO 112 or permission of instructor.

#### BIO 222 ZOOLOGY / 4 credits

Survey of the phyla from Protista through Animalia. Emphasis on the evolution, morphology, identification, and life histories of these organisms. Course consists of both lecture and laboratory components. Prerequisite BIO 112, CHM 120, or permission of instructor.

#### BIO 250 CELL BIOLOGY / 4 credits

A detailed introduction to subcellular and cellular structure and physiology. Topics include membrane structure and function, bioenergetics, transport mechanisms, and intercellular communication. Course consists of both lecture and laboratory components. Prerequisite: BIO 110 and CHM 110.

#### BIO 252 GENETICS / 4 credits

An examination of the principles of inheritance and the structure, function, and regulation of genetic material in prokaryotes and eukaryotes. Course consists of both lecture and laboratory components. Prerequisite: BIO 250.

#### BIO 260 HUMAN ANATOMY AND PHYSIOLOGY I / 4 credits

First of a two-part sequence in human anatomy and physiology. Course consists of both lecture and laboratory components. Cannot be counted toward biology major. Prerequisite: BIO 110.

#### BIO 262 HUMAN ANATOMY AND PHYSIOLOGY II / 4 credits

Second of a two-part sequence dealing with the structure and function of the human body. Course consists of both lecture and laboratory components. Cannot be counted toward biology major. Prerequisite: BIO 110.

#### BIO 280 INTERNATIONAL ECOSYSTEMS CLASSROOM / 1 credit

Studies of varying topics in biology. This course is the classroom portion and corequisite to BIO 399.

#### BIO 290 INTRODUCTION TO BIOLOGICAL RESEARCH / 1-4 credits

An introduction to research including literature searches, experimental methods and proper recording and reporting of experimental results. This course may be repeated for credit. Prerequisite: BIO 110, CHM 110, and permission of instructor.

#### BIO 310 HEALTH COACHING / 1 credit

The course introduces students to a wide array of topics on healthcare and healthcare systems in preparation for a practicum as a health coach. Topics include but are not limited to diabetes, cardiovascular disease, dementia, organization of healthcare systems, ethical considerations, and strategies for promoting healthy lifestyles. The course is discussion-based and requires active engagement by students. Prerequisites: Junior standing with focus on a career in the healthcare industries (sophomores may petition to register for the class), minimum GPA of 3.0, and permission of the instructor.

#### BIO 311 HEALTH COACHING PRACTICUM / 1 credit

The course is a second in a series of health coaching classes. Students who successfully complete the health coaching class will enter the practicum class directly. Students will be assigned a patient in the Batesville area and assist them in selected aspects of healthcare.



Prerequisites: Completion of the health coaching class with a B or better and permission of the instructor.

#### BIO 320 TEACHING IN THE BIOLOGY LABORATORY / 1 credit

Upper-level students who plan to attend graduate school, particularly those who intend to teach at the college level, may take this course to obtain teaching experience. Students will teach alongside a faculty member in a laboratory course they have successfully completed at the 100 or 200 level. Students attend each laboratory section to assist teaching the lab, give and get feedback on lectures to introduce the lab and write a teaching philosophy.

#### BIO 340 ECOLOGY / 4 credits

Introduction to relationships between biota and their environment, with emphasis on limiting factors, competition, coevolution, energy flow, and population dynamics. (One Saturday field trip will be required.) Course consists of both lecture and laboratory components. Prerequisite: BIO 112, CHM 120, or permission of instructor.

#### BIO 345 SPELEOLOGY / 3 credits

Speleology is the study of caves. Students will learn about the formation, ecology, evolution, and inhabitants of caves in the Ozarks and elsewhere. Prerequisites: BIO 112 and CHM 110.

#### BIO 350 INTRODUCTION TO MICROBIOLOGY / 4 credits

Structure, biochemistry, genetics, and physiology of microorganisms, with an emphasis on bacteria. Course consists of both lecture and laboratory components. Prerequisite: BIO 252, CHM 120, or permission of instructor.

#### BIO 352 MOLECULAR BIOLOGY / 4 credits

In-depth study of the structure and regulation of prokaryotic and eukaryotic genes. Emphasis on recombinant DNA techniques and applications. Course consists of both lecture and laboratory components. Prerequisite: BIO 252 or permission of instructor.

#### BIO 356 BIOCHEMISTRY / 4 credits

Study of the chemical basis of life. The major biomolecules – proteins, carbohydrates, lipids and nucleic acids – will be discussed, with emphasis on their reactions and roles in living cells. Course consists of both lecture and laboratory components. Prerequisite: CHM 220 or permission of instructor. (Same as CHM 356)

#### BIO 360 COMPARATIVE PHYSIOLOGY / 4 credits

An in-depth study of the physiological systems that maintain homeostasis in animals. Emphasis on the design and functioning of these systems in different animals in response to the environmental pressures they face. Course consists of both lecture and laboratory components. Prerequisite: BIO 250, CHM 120, or permission of instructor.

#### BIO 364 DEVELOPMENTAL BIOLOGY / 4 credits

Study of the major processes which lead to form and function in multicellular organisms. Course consists of both lecture and laboratory components. Prerequisite: BIO 252 or permission of instructor.

#### BIO 366 HISTOLOGY / 4 credits

A study of the microscopic structure and function of animal tissues and organs. Course con-

sists of both lecture and laboratory components. Prerequisite: BIO 252 or permission of instructor.

#### BIO 370 EVOLUTION / 3 credits

Lectures and occasional field trips introduce students to classical biology concepts, modern evolutionary biology research, and specific examples of evolution in action. The course covers the breadth of evolutionary biology from the origins of life and investigation of fossil records to studying the precise mechanisms of evolutionary changes. Prerequisite: BIO 112 or permission of instructor.

#### BIO 382 SPECIAL TOPICS IN BIOLOGY / 3 credits

Study in a specific area of biology not covered by regularly listed courses. The course content and structure will vary according to the interests of the instructor. Lecture, laboratory and field work may be included. Prerequisite: permission of instructor.

BIO 399 BIOLOGY INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit  
Studies of varying topics in biology, including a two-week Nichols trip. Prerequisites will vary depending upon course topic.

#### BIO 420 ADVANCED TOPICS IN BIOLOGY / 3 credits

Advanced study in a specific area of biology. The course content and structure will vary according to the interests of the instructor. Lecture, laboratory, and field work may be included. Prerequisite: permission of instructor.

#### BIO 425 ADVANCED BIOCHEMISTRY / 4 credits

Advanced Biochemistry is an in-depth study of selected biochemical reactions and pathways of major biological and physiological significance. Topics examined include synthesis and breakdown of important biomolecules, cell signaling pathways and second messengers. Course consists of both lecture and laboratory components. Prerequisite: CHM 356 / BIO 356. (Same as CHM 425).

#### BIO 470 DIRECTED STUDY / variable credit

Independent study in a specific area of biology under the direction of the faculty. Prerequisite: permission of instructor.

#### BIO 480 DIRECTED RESEARCH / 1-4 credits

Independent research in approved areas of biology. Under direction of faculty, the student will define, design and complete an original research project and/or take part in a larger, ongoing research program. This course may be repeated for credit. Prerequisite: BIO 112, CHM 120, BIO 290, Junior standing and permission of instructor.

## **The Business Administration Major**

**Professor: Frank Winfrey**

**Assistant Professor: Alvin Holliman**

The Lyon College Business Administration major provides an experiential program which builds upon the broad liberal arts education provided in the College's Core Curriculum. The Major prepares students to understand the structure and role

of organizations, administrative practices and processes, and the complex environment in which business decisions are made. The curriculum introduces the student to the concepts and theories of management and decision making, and includes experience based opportunities in which to apply these concepts.

The Major introduces students to functional areas of business and management applicable to all economic organizations. Students may then focus their studies and select an Emphasis in one of two areas: Management or Finance. As students advance in the discipline they will have an opportunity to apply their knowledge in a Business Simulation project and later in an Internship or Thesis project. A unique component of this Major is the endowment-funded Investment Portfolio. Students have the opportunity to apply their gained knowledge and decision-making skills to the management of a real fund – not just theoretical transactions found at many other colleges and universities.

The Business Administration major offers graduates the flexibility of choosing between entry-level managerial positions or advanced study. The major is particularly appropriate for individuals seeking advanced study in business, law, planning and healthcare management.

#### *Summary of Requirements for a Major in Business Administration*

##### *Business Core*

ECO 101 Principles of Economics I . . . . .	3 credits
ECO 102 Principles of Economics II . . . . .	3 credits
ACC 210 Principles of Accounting I . . . . .	3 credits
ACC 211 Principles of Accounting II . . . . .	3 credits
BUS 210 Principles of Management . . . . .	3 credits
BUS 301 Business Simulation . . . . .	1 credit
BUS 303 Business Law . . . . .	3 credits
BUS 306 Principles of Marketing . . . . .	3 credits
ECO 320 Corporate Finance I . . . . .	3 credits
BUS 323 Business Statistics . . . . .	3 credits
BUS 325 Production Management . . . . .	3 credits
ECO 215/315/415 Investment Portfolio Management* . . . . .	1 credit
BUS 450/455 Internship** or Senior Thesis . . . . .	3 credits
	<b>35 credits</b>

\* May be elected a second and third time as 315 and 415

\*\* Many possible with local businesses, trustees, and alumni

#### **Additional major requirements:**

##### **For an emphasis in Finance:**

ECO 330 Corporate Finance II . . . . .	3 credits
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Two courses from the following:

ACC 300 Accounting Systems .....	3 credits
ACC 320 Cost Management .....	3 credits
ACC 330 Intermediate Financial Accounting .....	3 credits
ECO 390 Money and Banking .....	3 credits
<b>Total Major: 44 credits</b>	

### **For an emphasis in Management:**

Three courses from the following:

BUS 304 Corporate Governance Law .....	3 credits
BUS 315 Organizational Behavior .....	3 credits
BUS 375 Human Resource Management .....	3 credits
BUS 415 Entrepreneurship .....	3 credits
BUS 480 Business Strategy .....	3 credits
<b>Total Major: 44 credits</b>	

## **The Business Administration Minor**

The Business Administration minor is a course of study designed as a second field for students seeking to acquire an understanding of the basic functions impacting the decision making process in economic organizations.

### *Summary of Requirements for a Minor in Business Administration*

ECO 101 Principles of Economics I* .....	3 credits
ACC 210 Principles of Accounting I .....	3 credits
ACC 211 Principles of Accounting II .....	3 credits
BUS 303 Business Law I .....	3 credits
BUS 210 Principles of Management .....	3 credits
BUS 306 Principles of Marketing .....	3 credits
<b>Total .....</b>	<b>18 credits</b>

*\*This course may also be used to satisfy Core requirements.*

## **Business Administration Courses**

### **ACC 210 PRINCIPLES OF ACCOUNTING I / 3 credits**

The course is designed for all students who are interested in understanding the Financial Accounting and Reporting process. No previous background in accounting or business is required. The course focuses on developing an understanding of the accounting cycle and its role in converting data related to business events into financial knowledge, which is then used to inform decision making by investors, creditors and other external parties.

### **ACC 211 PRINCIPLES OF ACCOUNTING II / 3 credits**

The first part of this course builds on ACC 210 and extends the external financial accounting model to consider the reporting of equity and debt financing decisions by corporations. The corporate Income Statement and Statement of Cash Flows are given special attention. The second part of this course focuses on Managerial Accounting and explores the internal use of accounting information by managers of the firm in the organizations's decision-making

process. Prerequisite: ACC 210.

#### ACC 300 ACCOUNTING SYSTEMS / 3 credits

This course provides an introduction to the design, implementation and control of accounting information systems. A series of hands-on projects are utilized to reinforce the conceptual and theoretical aspects of accounting systems. Prerequisite: ACC 211.

#### ACC 320 COST MANAGEMENT I / 3 credits

The course introduces the basic concepts and tools associated with cost management information systems. The topics of product costing, planning and control, and cost analysis are examined in depth within the context of traditional, functional-based cost systems as used by companies in both the manufacturing and service sectors. Prerequisite: ACC 211.

#### ACC 325 COST MANAGEMENT II / 3 credits

This course extends the study of cost management systems to recent approaches developed in this field. Topics include activity-based costing, strategic cost management, process value analysis, kaizen costing, quality costing, productivity, environmental cost management and the Balanced Scorecard. The course concludes with an examination of the role of cost information in management decision-making and the models used to facilitate this process. Prerequisite: ACC 320.

#### ACC 330 INTERMEDIATE ACCOUNTING / 3 credits

The objective of this course is to emphasize the accounting principles and practices as they apply to corporate external financial reporting. Prerequisite: ACC 211.

#### BUS 205 CALCULUS APPLICATIONS IN BUSINESS AND ECONOMICS / 3 credits

This course develops mathematical tools which are useful for analyzing a variety of complex problems in business and economics. Topics covered include systems of equations and applications of calculus to business problems. Prerequisite: MTH 101.

#### BUS 208 CAREER PROFESSIONALISM / 1 credit

This class will help prepare students for career success by helping them evaluate appropriate career direction, create relevant goals, identify transferable skills and experience, and effectively market themselves in resumes, cover letters, portfolios, networking environments and employment interviews.

#### BUS 210 PRINCIPLES OF MANAGEMENT / 3 credits

The course is designed to provide a survey of effective management techniques for achieving organizational objectives in business, non-profit institutions, and government agencies. Emphasis is placed on the four basic functions of management: planning, organizing, leading, and controlling.

#### BUS 301 BUSINESS SIMULATION / 1 credit

Research has shown that students learn best by “doing.” The simulation project is an engaging, immersive exploration of core business processes. Participants learn by running a business that simulates the management decision processes in a competitive environment. The simulation provides solid exposure to the essential elements in business such as the critical relationships among the key business areas of research and development, marketing, production, and finance. Students work in diverse teams to solve complex problems regarding the strategic positioning and tactical decision-making necessary to be successful in a competitive mar-

ket. Prerequisites: ECO 101 and 102, ACC 210 and 211, BUS 210 and 306.

#### BUS 303 BUSINESS LAW / 3 credits

The course provides a systematic analysis of the legal concepts that apply to business organizations, legal rights and remedies, secured transactions, commercial paper, property, bankruptcy, etc. Prerequisite: Junior or Senior status or permission of instructor.

#### BUS 304 Corporate Governance Law / 3 credits

The course provides a comprehensive overview and advanced study of corporate governance law and regulation of publicly held companies, including the law of contracts, negotiable instruments, ethics, agency, business organizations and current legal topics of interest. Prerequisite: BUS 303.

#### BUS 306 PRINCIPLES OF MARKETING / 3 credits

A basic survey of activities involved in the marketing of products to consumer and industrial markets. Topics include pricing, product development, promotion, distribution, and environmental forces which affect marketing. Prerequisite: ECO 101.

#### BUS 310 CONSUMER BEHAVIOR / 3 credits

An introduction to consumer behavior as it affects an organization's marketing strategy and policy decisions. The course offers various perspectives on marketing activities with emphasis on basic psychological, social, cultural, and situational influences. Prerequisite: BUS 306.

#### BUS 315 ORGANIZATIONAL BEHAVIOR / 3 credits

An introduction to management of individuals and small groups in the work place. The course studies the basic theory of behavior within organizations, including topics such as the dynamics of small groups, informal structures within an organization, and the significance of the social environment. Prerequisite: BUS 210.

**BUS 323 STATISTICAL APPLICATIONS TO BUSINESS DECISION MAKING / 3 credits** This course provides a student with the necessary background to run a statistical project from the data collection stage through the analysis and interpretation of results. Emphasis is placed on probability distributions, statistical inference and regression analysis. Prerequisite: MTH 101.

#### BUS 325 PRODUCTION MANAGEMENT / 3 credits

The course covers techniques and procedures relating to the design of operations planning and control, quality control, inventory management, maintenance management and product planning systems. Prerequisites: BUS 210 and 323.

#### BUS 375 HUMAN RESOURCE MANAGEMENT / 3 credits

This course is designed to study the process of managing human resources to achieve organizational objectives. It provides a foundation in the process of personnel selection, development, and maintenance, as well as considering the activities of unions and other employee organizations.

#### BUS 382 SPECIAL TOPICS IN BUSINESS ADMINISTRATION / 3 credits

Study of selected topics in business administration. Prerequisites will vary.

**BUS 399 BUSINESS ADMINISTRATION INTERNATIONAL STUDIES COURSE:** Variable topics / 1 credit Studies of varying topics in business administration, including a 2-

week Nichols trip. Prerequisites will vary depending upon course topic.

#### **BUS 402 MARKETING RESEARCH AND ANALYSIS / 3 credits**

A study of how marketing information systems and marketing research are used as decision-making tools by management. The course emphasizes research design, questionnaire construction, sampling, data processing, quantitative analysis, and research applications. Prerequisite: BUS 306 and BUS 323.

#### **BUS 410 ORGANIZATION THEORY / 3 credits**

The purpose of this course is to study the organization holistically, focusing on the major determinants of organizational effectiveness. Prerequisite: BUS 210.

#### **BUS 415 ENTREPRENEURSHIP / 3 credits**

This course is designed to acquaint the student with the activities involved in the planning, establishment, and management of a small business. Prerequisite: Senior status in the business or economics major is required for enrollment in this course.

#### **BUS 430 INTERNATIONAL BUSINESS / 3 credits**

An overview of international business activities. Emphasis is placed on gaining an international perspective of cultural dynamics, business practices, political and legal environments, and strategy for global markets. Prerequisite: BUS 306.

#### **BUS 445 FIELD STUDY IN SMALL BUSINESS MANAGEMENT / 1-3 credits**

This course is designed to expose students to real business situations by serving as consultants to small business owners in the region. Students will prepare a case report at the end of the semester containing their findings and recommendations. Prerequisite: BUS 440 or consent of the instructor.

#### **BUS 450 INTERNSHIP IN BUSINESS ADMINISTRATION / 3 credits**

This course (or BUS 455 Senior Thesis) is designed as a capstone course and is required for the Business Administration major. Students will gain field experience through direct, supervised work in a selected, approved company. The internship will involve a minimum of 140 contact hours over the course of a semester, and the intern will provide periodic reports to the Faculty Supervisor. Prerequisite: Declared majors in their senior year with cumulative GPA minimum of 2.75.

#### **BUS 455 SENIOR THESIS / 3 credits**

This course (or BUS 450 Internship in Business Administration) is designed as a capstone course and is required for the Business Administration major. The student will conduct independent research on a selected subject in the area of business administration. Under the supervision of a faculty member, the students will be guided through the research process to accomplish agreed upon objectives. The student will submit a research paper and make an oral presentation at the end of the semester. Prerequisite: Declared majors in their senior year.

#### **BUS 470 TOPICS IN BUSINESS ADMINISTRATION / 3 credits**

Concentrated study of selected topics such as compensation, diversity, staffing, negotiation and conflict management, or organizational development. Prerequisites: BUS 210, 306, ECO 102.

#### **BUS 480 BUSINESS STRATEGY / 3 credits**

Problems involved in the formulation and execution of business policies and maintenance and

development of an effective organization. This course includes the use of case studies as a basis for discussion. Prerequisite: Declared majors in their final spring semester.

## The Chemistry Major

**Professor: Anthony K. Grafton**

**Assistant Professors: Barry Gehm and Irosha Nawarathne**

The Chemistry major is designed to guide students to an understanding of the principles underlying the composition, structure, and properties of substances — both natural and man-made — and of the transformations they undergo. The program emphasizes helping students become knowledgeable observers and independent, imaginative problem-solvers, using state-of-the-art equipment in the laboratory setting.

Both Bachelor of Science and Bachelor of Arts degrees are available in chemistry. The B.S. is designed primarily for students who will pursue graduate studies within the chemical sciences or seek employment in the chemical industry. Students planning to enter health-allied professional schools may choose either the B.S. or B.A. degree.

### *Summary of Requirements for a Major in Chemistry*

#### *Leading to a Bachelor of Science Degree*

CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
CHM 210 & 220 Organic Chemistry I & II	8 credits
CHM 302 Instrumental Analysis	4 credits
CHM 350 Chemical Thermodynamics and Kinetics	4 credits
CHM 360 Quantum Chemistry and Spectroscopy	4 credits
CHM 370 Junior Seminar	1 credit
CHM 413 Advanced Inorganic Chemistry	4 credits
CHM 490 Senior Seminar	1 credit
MTH 210 & 220 Calculus I* & II	8 credits
PHY 240, 241 & 250, 251 Fundamentals of Physics I* & II	8 credits
Chemistry elective from CHM 224, CHM 304, CHM 356 or CHM 482 ....	3 or 4 credits
<b>Total</b>	<b>53-58 credits</b>

\* This course may also be used to satisfy Core requirements.

<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.

Math 230, CHM 224 and CHM 356 are recommended for those planning to pursue graduate education in chemistry or employment in the chemical industry.

### *Summary of Requirements for a Major in Chemistry*

#### *Leading to a Bachelor of Arts Degree*



CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
CHM 210 & 220 Organic Chemistry I & II	8 credits
CHM 302 Instrumental Analysis	4 credits
CHM 350 Chemical Thermodynamics and Kinetics	4 credits
CHM 370 Junior Seminar	1 credit
CHM 490 Senior Seminar	1 credit
MTH 210 Calculus I*	4 credits
PHY 210, 211 and 220, 221 General Physics I* and II	

OR PHY 240, 241 and 250, 251 Fundamentals of Physics I\* and II . . . 8 credits

Chemistry elective from CHM 224, CHM 304, CHM 356 or CHM 482 . . 3 or 4 credits

**Total** . . . . . **41-46 credits**

*\*This course may also be used to satisfy Core requirements.*

*<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.*

*MTH 220 Calculus II is also recommended for students who want to pursue the B.A. degree.*

## The Chemistry Minor

The Chemistry minor is a course of study designed as a second field for students who wish to develop an understanding of the scientific investigation of the composition, structure, properties, and transformation of natural and man-made substances.

### *Summary of Requirements for a Minor in Chemistry*

CHM 105 Introduction to Chemistry*	4 credits <sup>+</sup>
CHM 110 & 120 General Chemistry I* & II	8 credits
CHM 210 & 220 Organic Chemistry I & II	8 credits
CHM 224 Quantitative Analysis	

OR CHM 302 Instrumental Analysis . . . . . 4 credits

Chemistry Elective (300/400 level) . . . . . 3-4 credits

**Total** . . . . . **23-28 credits**

*\*This course may also be used to satisfy Core requirements.*

*<sup>+</sup> This course is not required for students who enter Lyon College with a score of 25 or better on the ACT mathematics section (or equivalent SAT score) and a grade of 'C' or better in high school chemistry.*

## Chemistry Courses

CHM 105 INTRODUCTION TO CHEMISTRY / 4 credits

This course is designed for students with little or no background in chemistry who wish to pursue further study in the sciences. The course will focus on basic mathematical skills, estimation, chemical nomenclature, stoichiometry, acid/base chemistry, and data analysis. Problem-solving skills will be exercised throughout the course. The course consist of lecture and labo-

ratory components.

#### CHM 110 GENERAL CHEMISTRY I / 4 credits

Fundamental concepts of chemistry, including stoichiometry, atomic structure, chemical bonding, periodic properties, energetics, and chemical reactivity and some descriptive chemistry of the elements. Course consists of both lecture and laboratory components. Prerequisite: *EITHER* a 25 or better on the ACT mathematics section (or equivalent SAT score) and a "C" or better in high school chemistry *OR* a grade of "C" or better in CHM 105.

#### CHM 120 GENERAL CHEMISTRY II / 4 credits

Fundamental concepts including the behavior of matter, solutions, acids and bases, molecular and ionic equilibria, electrochemistry, and kinetics. Course consists of both lecture and laboratory components. Prerequisite: "C" or better in CHM 110.

#### CHM 210 ORGANIC CHEMISTRY I / 4 credits

Study of compounds of carbon. Fundamental types of aliphatic and aromatic compounds, their structure, nomenclature, preparations, reactions, and practical applications. Course consists of both lecture and laboratory components. Prerequisite: CHM 120.

#### CHM 220 ORGANIC CHEMISTRY II / 4 credits

A continuation of CHM 210, on the topics of aliphatic and aromatic compounds, their structure, nomenclature, preparations, reactions, and practical applications. Course consists of both lecture and laboratory components. Prerequisite: CHM 210.

#### CHM 224 QUANTITATIVE ANALYSIS / 4 credits

This course will provide a sound understanding of the physical principles of analytical chemistry and will further develop the classical (non-instrumental) methods of chemical analyses. The course has both lecture and laboratory components. Lectures will deal with basic data handling, statistics, error propagation, acid-base chemistry, redox chemistry and chemical equilibrium as they apply to the methods to be treated in the laboratory. Methods to be included in the lab are volumetric analysis, redox titrimetry, potentiometry and gravimetry. Some qualitative analysis will be done. Prerequisite: CHM 120.

#### CHM 280 INTRODUCTION TO CHEMICAL RESEARCH / 1-3 credits

An introduction to independent research including literature searches, experimental methods and proper recording and reporting of experimental results. Prerequisites: CHM 110 and permission of instructor.

#### CHM 302 INSTRUMENTAL ANALYSIS / 4 credits

Theory, operation and application of various instruments used in the chemical laboratory. Topics to be included are infrared spectroscopy, ultraviolet-visible spectrophotometry, spectrophotofluorometry, atomic absorption spectroscopy, emission spectroscopy, nuclear magnetic resonance spectroscopy, mass spectroscopy, gas chromatography and high performance liquid chromatography. Course consists of three hours of lecture and three hours of laboratory per week. Prerequisite: CHM 220 or permission of instructor.

#### CHM 304 ENVIRONMENTAL CHEMISTRY / 4 credits

The chemistry involved in studying the environment. Topics to be included are toxicology, common pollutants, sampling for pollutants in air and water, and techniques used in analysis. Includes lectures, demonstrations, laboratory experiments, and field work. Prerequisite: CHM

**CHM 350 CHEMICAL THERMODYNAMICS AND KINETICS / 4 credits**

Introduction to the basic principles of physical chemistry, concentrating on the kinetics and molecular dynamics of chemical reactions and the laws of thermodynamics and their relationship to equilibria in chemistry. Emphasis on analyzing and solving complex problems, making physical measurements, and reporting laboratory results. Course consists of both lecture and laboratory components. Prerequisites: CHM 120, MTH 210, and PHY 210 or 240.

**CHM 356 BIOCHEMISTRY / 4 credits**

Study of the chemical basis of life. The major biomolecules – proteins, carbohydrates, lipids and nucleic acids – will be discussed, with emphasis on their reactions and roles in living cells. Course consists of both lecture and laboratory components. Prerequisite: CHM 220 or permission of instructor. (Same as BIO 356.)

**CHM 360 QUANTUM CHEMISTRY AND SPECTROSCOPY / 4 credits**

Introduction to the physical chemistry principles that concern the structure of individual atoms and molecules, concentrating on quantum mechanics and spectroscopy. Viewpoints of quantum mechanics and thermodynamics are brought together to discuss statistical thermodynamics. Continued emphasis on the analysis of complex problems, the collection of experimental data, and the improvement of scientific communication skills. Course consists of both lecture and laboratory components. Prerequisites: CHM 220, MTH 220, and PHY 250.

**CHM 370 JUNIOR SEMINAR / 1 credit**

Students will develop their research and oral skills by reading and presenting information from the current primary chemical literature. Each student is required to deliver a series of oral presentations of topics from the literature. Attendance at weekly departmental seminars and discussions is required. Prerequisite: Junior standing or permission of the chemistry faculty.

**CHM 390 INTERNSHIP IN CHEMISTRY / 1-3 credits**

Practical experience in chemistry or a related field of the student's choosing, with supervision by professionals. Offered every semester and in the summer as an elective for upper-class students who are interested in sampling a particular field of chemistry as a career opportunity. Prerequisite: junior or senior standing and permission of a supervising faculty member.

**CHM 399 CHEMISTRY INTERNATIONAL STUDIES COURSE: VARIABLE TOPICS /1 credit** Studies of varying topics in chemistry, including a two-week Nichols trip. Prerequisites will vary depending upon course topic.

**CHM 413 ADVANCED INORGANIC CHEMISTRY / 4 credits**

Quantum theory, symmetry and group theory, electronic structure, chemical bonding, the periodic table and periodic properties, crystalline structure, coordination chemistry, and some descriptive chemistry of the transition elements. Course consists of both lecture and laboratory components. Prerequisite: CHM 360 or permission of instructor.

**CHM 425 ADVANCED BIOCHEMISTRY / 4 credits**

Advanced Biochemistry is an in-depth study of selected biochemical reactions and pathways of major biological and physiological significance. Topics examined include synthesis and breakdown of important biomolecules, cell signaling pathways and second messengers. Course consists of both lecture and laboratory components. Prerequisite: CHM 356 / BIO 356. (Same as BIO 425).

CHM 450 DIRECTED STUDY / 1-3 credits  
Individual work on special topics in chemistry.

CHM 480 DIRECTED RESEARCH / 1-3 credits  
Independent research to acquaint the student with the methods and techniques of chemical research. Prerequisite: CHM 220.

CHM 482 TOPICS IN CHEMISTRY / 3 credits  
This course will explore the modern aspects of the classical chemistry areas including organic, inorganic, physical chemistry and biochemistry. Prerequisite: Junior standing or permission of instructor.

CHM 490 SENIOR SEMINAR / 1 credit  
The course, taken in the final semester of the senior year, is designed to review the competency of each student in chemistry. Each student will deliver a formal presentation consisting of an oral lecture and a written paper. Seminar topics for the presentation are chosen by the students in consultation with the faculty. All presentations are to be prepared under the supervision of a faculty member. Attendance at weekly departmental seminars and discussions is required. Prerequisite: CHM 370 (Junior Seminar) and senior standing.

## The Computer Science Minor

**Associate Professor: David Sonnier**

Computer Science is a rapidly changing and exciting field. Its impact on our lives is evidenced by the variety of uses of information technology in business, industry, entertainment, science, and government to name a few. The Computer Science Minor focuses on the foundations of the computer sciences including such areas such as software and hardware design, mathematical foundations of computer science, and complexity of computation. The program is designed to give students an enduring foundation for future professional growth. The program blends theory and practice into a learning experience that gives students the capability to apply computer and information systems technology to a wide range of disciplines.

### *Summary of Requirements for a Minor in Computer Science*

MTH 115 Discrete Mathematics*	.....3 credits
MTH 210 Calculus I*	.....4 credits
CSC 140 Introduction to Programming in C	.....3 credits
CSC 240 Data Structures with C++	.....3 credits
CSC 245 Introduction to Digital Logic	.....3 credits
CSC 265 Algorithms	.....3 credits
At least 3 hours of upper-level electives	.....3 credits
<b>Total</b>	<b>.....22 credits</b>

*\* This course may also be used to satisfy Core requirements.*

**Students may develop an individualized major by doing research or by taking an internship.**

## Computer Science Courses

### CSC 115 INTRODUCTION TO PROGRAMMING IN JAVA / 3 credits

Students will learn object-oriented programming using Java. This is an introductory-level programming class; problem-solving methods, algorithm development, program design, testing, debugging, and documentation. Prerequisite: MTH 101.

### CSC 140 INTRODUCTION TO PROGRAMMING IN C /3 credits

An introduction to structured programming, including user defined types, arrays, records, files, and sets. Prerequisite: MTH 101.

### CSC 240 DATA STRUCTURES WITH C++ / 3 credits

### CSC 245 INTRODUCTION TO DIGITAL LOGIC / 3 credits

An introduction to digital electronic circuits and techniques. Boolean Algebra, digital logic gates, registers, automata theory, and integrated circuits. Prerequisite: MTH 115. (Same as PHY 235).

### CSC 265 ALGORITHMS / 3 credits

Study of algorithmic paradigms including divide and conquer algorithms, greedy methods, dynamic programming, heuristics and probabilistic algorithms. Prerequisite: CSC 240.

### CSC 301 JUNIOR INTERNSHIP / 1-2 credits

Students will gain experience through supervised internship. Internship can be conducted on-site, working under the supervision of computing/automation/IT professionals or can be conducted through eIntern. Prerequisite: CSC 140 and permission of instructor.

### CSC 330 DATABASE THEORY AND APPLICATION / 3 credits

An introduction to the theory of databases, database design and database application development. Various database models such as relational, network, hierarchical, object-oriented, and distributed are discussed. Students apply the theory to the development of an actual database application. Prerequisite: CSC 110 or 140 and MTH 115.

### CSC 401 SENIOR INTERNSHIP / 1-2 CREDITS

Students will gain experience through supervised internship. Internship can be conducted on-site, working under the supervision of computing/automation/IT professionals or can be conducted through eIntern. Prerequisite: CSC 140 and permission of instructor.

### CSC 410 DATA COMMUNICATIONS AND NETWORKS / 3 credits

An introduction to the theory and practice of computer networks, software protocols, communication hardware, error detection and handling. Prerequisite: CSC 140 and MTH 115.

### CSC 415 NUMERICAL ANALYSIS / 3 credits

Error analysis, interpolation, approximate differentiation, approximate integration, solutions to differential equations, matrix manipulation, and solutions to systems of linear equations. Prerequisites: MTH 300 and CSC 115 or CSC 140. Same as MTH 415.

CSC 450 INDEPENDENT STUDY / 1-3 credits

Individual work on special topics in Computer Science. Prerequisite: Permission of instructor.

CSC 482 SPECIAL TOPICS IN COMPUTER SCIENCE / 3 credits

Study of selected topics in computer science. Prerequisites will vary.

## The Economics Major

**Associate Professors: Mahbubul Kabir and Radek Szulga**

Economics has been defined as the science of choice in the face of scarcity and different consumption options. Limited resources, limited time, limited labor supply, limited energy, limited knowledge — such factors as these define the boundaries of possibilities and require human beings and societies to make choices. Economic theory is an attempt to capture the essence of that decision-making process, free of the details of particular situations. Students in the Economics major learn to use this theoretical foundation to analyze decision-making throughout society — from an individual's decision to purchase a car to a state's decision to raise or lower taxes to a society's decision to choose a cleaner environment and a particular form of government. In the classic sense of liberal education, students learn to use the tools of economics as a key to understanding the human experience and as a guide to individual, business and societal action. This understanding of the forces underlying our economy — and, to a great degree, our society — provides a strong foundation for a range of professions and business careers. The Economics major is considered as a solid preparation for graduate studies in, economics, business administration, finance, law and public policy.

### *Summary of Requirements for a Major in Economics*

ECO 101, 102 Principles of Economics I* & II	6 credits
ACC 210, 211 Principles of Accounting I & II	6 credits
BUS 205 Calculus Applications in Business & Economics†	3 credits
BUS 323 Statistical Applications to Business Decision Making	3 credits
ECO 301 Intermediate Macroeconomic Theory	3 credits
ECO 302 Intermediate Microeconomic Theory	3 credits
Four economics courses numbered 300 or above	12 credits
<b>Total</b>	<b>36 credits</b>

*\*This course may also be used to satisfy Core requirements.*

*† Students may substitute MTH 210 (Calculus I) for BUS 205.*

## The Economics Minor

The Economics minor is a course of study designed as a second field for students seeking an understanding of the tools of economic theory and their use in analyzing the decision-making process on both an individual and a societal level.

### Summary of Requirements for a Minor in Economics

ECO 101 Principles of Economics I*	3 credits
ECO 102 Principles of Economics II	3 credits
BUS 205 Calculus Applications in Business & Economics†	3 credits
BUS 323 Statistical Applications to Business Decision Making	3 credits
ECO 301 Intermediate Macroeconomics	
OR ECO 302 Intermediate Microeconomics	3 credits
Two Economics courses at the 300 level or above	6 credits
<b>Total</b>	<b>21 credits</b>

\*This course may also be used to satisfy Core requirements.

† Students may substitute MTH 210 (Calculus I) for BUS 205.

## Economics Courses

### ECO 101 PRINCIPLES OF ECONOMICS I / 3 credits

An introduction to economics with an emphasis on fundamentals of economic principles and current economic policy issues. Topics include: basic economic principles of scarcity of resources, production and consumption, market, international trade, supply and demand, taxes, welfare state, poverty, income inequality, economic output of an economy, price level, inflation, unemployment, long-run determinants of economic growth, and financial system including money and banking. Prerequisite: MTH 101.

### ECO 102 PRINCIPLES OF ECONOMICS II / 3 credits

This course is built on the materials taught in ECO 101. ECO 102 begins with the applications of demand and supply model to analyze the effects of market intervention and to understand market efficiency and consequences of market failure. In the microeconomics part of the course different market paradigms are studied with analytical tools including game theory. In the macroeconomics part, this course starts with a review of long-run determinants of economic growth and introduces the role of monetary institutions in the economy. Finally, the aggregate demand and supply model is employed to understand short-run economic fluctuations and the effectiveness of monetary and fiscal policy tools. Prerequisite: ECO 101.

### ECO 215/315/415 INVESTMENT PORTFOLIO MANAGEMENT / 1 credit

An introduction to stock and bond markets. Students experience the semester-long activities of managing an investment portfolio. Students may enroll in this course a maximum of three times, earning 3 credits. Graded on pass/fail basis. Prerequisite: ECO 101, ACC 210. Pre/Co-requisites: ECO 102, ACC 211.

### ECO 301 INTERMEDIATE MACROECONOMICS / 3 credits

The course covers the topics of national income accounting, determinants of consumption and investment spending, international capital flows, financial asset holdings, long-run economic growth, business cycles, monetary and fiscal policy and unemployment. Prerequisite: ECO 102, BUS 205 or MTH 210.

### ECO 302 INTERMEDIATE MICROECONOMICS / 3 credits

An analytical investigation of consumer choice, production costs, and firm behavior, including critical examination of different market paradigms. Coverage of topics such as choice under uncertainty, problems with asymmetric information, externalities, and use of game theories in analyzing strategic behavior of firms, broaden the usefulness of microeconomic theo-

ries in grasping the challenge of real life economic decision-making. Prerequisites: ECO 102, BUS 205 or MTH 210.

#### ECO 320 CORPORATE FINANCE I / 3 credits

A study of the basic concepts and analytical tools necessary for financial decision making. Emphasis on time and risk as determinants of present value, bond and stock valuation, capital budgeting, capital asset pricing model, cost of capital and capital structure. Prerequisites: ACC 211, ECO 102.

#### ECO 330 CORPORATE FINANCE II / 3 credits

A review and extension of material introduced in Corporate Finance I. Using the case method, computer simulations and spreadsheet applications, students work individually and in teams to further their understanding of financial systems analysis. Prerequisite: ECO 320.

#### ECO 350 BUSINESS AND PROFESSIONAL ETHICS / 3 credits

An examination of professional responsibility with case studies of ethical issues in business and the professions. Same as RPH 350.

#### ECO 370 POLITICAL ECONOMY OF PUBLIC ISSUES / 3 credits

Each year topics of current public debate and interest in which both governmental and economic forces and interests are joined are used as the basis for discussion and for student research. Students present their research to the class and write a major paper. Prerequisite: ECO 102 or consent of instructor. Same as POL 370.

#### ECO 390 MONEY AND BANKING/ 3 credits

Evolution of monetary and financial systems: interest rates, financial markets and institutions, and monetary policy. International aspects are integrated throughout. Prerequisite: ECO 102.

#### ECO 410 INTERNATIONAL ECONOMICS / 3 credits

The exploration of various theories of international trade and finance. Emphasis is placed on factors affecting trade and financial flows and the implications of commercial and trade policy on these flows. Exchange rate regimes and balance of payments issues are studied. The role of international institutions such as the World Trade Organization, the World Bank, and the International Monetary Fund is discussed. Prerequisite: ECO 102, BUS 205 or MTH 210.

#### ECO 420 PUBLIC FINANCE / 3 credits

An application of microeconomic theories to analyze the role of government in providing public goods and services to a predominantly market economy. Government's expenditure programs and tax system are examined with an emphasis on their efficiency, equity, and incentive aspects. Issues related to collective decision making, particular types of taxes and local public finance are included in the course. Prerequisite: ECO 102, BUS 205 or MTH 210.

#### ECO 425 ENVIRONMENTAL ECONOMICS / 3 credits

This course examines the interactions between production and consumption and the natural environment. Microeconomic theories of externalities and public goods are used to model environmental problems and efficient solutions. Command-and-control based solutions and market based solutions are analyzed in detail. Analytical decision-making tools such as, environmental risk analysis and benefit-cost analysis are also used to evaluate environmental projects. Current environmental policy issues are discussed. Prerequisites: ECO 102, BUS 205 or MTH 210.



ECO 430 HISTORY OF ECONOMIC THOUGHT / 3 credits

A study of the evolution of ideas central to economic theory and the development of the ideas currently accepted. Prerequisite: ECO 102.

ECO 475 INVESTMENTS / 3 credits

Application of finance tools to the valuation of different types of securities, such as stocks, bonds, and options. The emphasis is on how to combine these securities into portfolios that provide the best risk-return profile for a given investor. Prerequisite: BUS 323, ECO 320 and BUS 205 or MTH 210.

ECO 482 SPECIAL TOPICS IN ECONOMICS / 3 credits

Study of selected topics in economics. Prerequisites will vary.

## The Teacher Education Program

**Director of Teacher Education, Assistant Professor: Kimberly Crosby**

**Assistant Professor: Nikki E. Yonts**

Lyon College's teacher education program is firmly rooted in the liberal arts. Our program, which is accredited by the National Council for the Accreditation of Teacher Education (NCATE), offers programs of study for teacher licensure in elementary education (K-6); secondary education (7-12) in English, math and social studies; and K-12 choral music. In order to pursue teacher licensure, all candidates must submit to a criminal records check and meet testing and grade point average requirements prior to practicum placement in the junior year. While finishing the majors in the senior year, all candidates who are formally admitted by the Liberal Arts Teacher Education Committee participate in a year-long senior internship experience in one of several local partnership school districts. Candidates must earn passing scores on the state-approved content assessment prior to completing the program and on the state-approved pedagogical assessment prior to recommendation for licensure.

### Our Mission

*The Education of the Whole Person BUILT on the Foundation of the Liberal Arts*

### Our Vision

*We believe that each child, regardless of gender, race, creed, family background or socioeconomic status, has a right to be taught by a qualified teacher, a teacher who can help each child become all he or she can become. Our intent is to create a program for teachers that will bring that vision into practice.*

Our vision is grounded in the principles that follow:

#### 1. Qualified Teachers Need a Liberal Education.

Sharing the NCATE vision of qualified teachers, Lyon College ensures that its

graduates who become licensed teachers have a solid foundation in liberal education. We believe that liberally educated people are, as the college mission states, “thoughtful, inquisitive, critical and creative” men and women with ingrained “habits of reasoned thought,” and virtues of “honesty, fairness, and respect” for others. Lyon wants candidates with these dispositions to become teachers and future leaders in our schools.

## 2. Qualified Teachers Need Pedagogical Skill.

Evidence shows that subject matter knowledge is not enough for effective teaching. Teachers must also understand and be able to apply the growing knowledge base of pedagogy. Accordingly, the heart of our teacher education program is a series of observation, participation, and internship experiences that will prepare better practitioners.

## 3. Qualified Teachers Need to Model and Encourage Critical Thinking.

Learning to think critically enables children to become responsible citizens able to respect differing points of view and to appreciate the contributions of diverse peoples. Liberally educated teachers provide children with an academic foundation that cultivates their critical thinking skills.

Upon completion of the Core Curriculum, the major, and professional coursework at the appropriate level, students complete all requirements for a bachelor’s degree from Lyon and are ready to apply to the Arkansas Department of Education for teacher licensure at the level of preparation.

Graduates of the teacher preparation program at Lyon College are expected to achieve the following outcomes. They will:

- Be wise consumers of educational research.
- Understand and address inequities in the classroom, as they relate to race, gender, and social class.
- Instruct using instructional technology skills.
- Lead in the continuous improvement of schools.
- Teach effectively at the appropriate instructional level.
- Be liberally educated and take liberal arts knowledge, skills, and dispositions into the classroom.

*NOTE: It is highly recommended that students take no more than two academic courses in addition to education courses during the senior year. Students should plan their curricula accordingly in preparation for the senior year.*

## **Title II**

Section 307 of Title II of the Higher Education Act mandates that the Department of Education collect data on state assessments and other requirements, standards for teacher licensure, and data on the performance of teacher preparation programs. In Arkansas, a system of multiple measures is used to determine the quality of teacher

education candidates using Praxis exams to measure basic skills, content knowledge, and pedagogical knowledge. Candidates must earn passing scores on the Praxis Core Academic Skills for Educators exam in the areas of reading, writing, and mathematics, as well as the PRAXIS II series appropriate to their teaching areas. The PRAXIS II tests address pedagogy and content area knowledge.

*NOTE: Students earning a composite score of 24 with sub-scores of 22 or higher in reading, math, or writing on the ACT (or equivalent scores on the SAT) may submit those scores in lieu of passing scores on those portions of the Praxis Core Academic Skills exam. Students who submit ACT or SAT scores in one or two of the three areas must still earn passing scores on the Praxis Core Academic Skills exam for any remaining area(s).*

### **Program Transitions/Admission Requirements:**

There are three specific transition points in the Lyon College Teacher Education Program, including Transition One: Pre-Admission, Transition Two: Admission to Internship, and Transition Three: Exit from Program.

#### **Transition One: Pre-Admission Requirements**

These requirements must be met prior to the fall semester of the junior year as Lyon teacher education candidates enroll for their first practicum class. Upon enrolling in the class, students will have to provide documentation of a 2.75 cumulative GPA from Lyon or a transfer institution and passing scores on all parts of the Praxis Core Academic Skills exam or a combination of ACT/SAT scores and Praxis results as noted above. It is also recommended that before enrolling in practicum students should formally declare education as a major or added concentration and complete EDU 202 Overview of Teaching (or a comparable transfer course) with a C or better grade.

#### **Transition Two: LATEC Interview/Admission to Internship**

During the spring semester of the junior year, Lyon teacher education candidates make application for a formal interview with LATEC (Liberal Arts Teacher Education Committee) for their year-long senior student teaching internship placement. The following materials are to be assembled and submitted electronically prior to the interview for admission to internship:

- Student Intern Information form
- Philosophy of education statement from EDU 202 or from transfer students a typed statement explaining why you want to be a teacher
- Electronic copy of Praxis Core Academic Skills exam scores
- Video sample of student instructing children of appropriate age and in an appropriate field of study

- Names and email addresses of three references willing to complete candidate recommendation forms
- Three graded observation evaluations from Practicum I and II
- Lyon Transcript documenting at least a 2.75 cumulative GPA
  - o Transcript should also document at least a “C” grade in English Composition, College Algebra or higher math course, and in Overview of Teaching

*NOTE: Transferred credits will not be included in the GPA calculation for admission to internship. Students who do not meet the GPA requirement may submit a written request to the Director of Teacher Education for reconsideration of admission to internship upon obtaining the required minimum cumulative Lyon GPA. Students who meet the criteria and who are approved by LATEC through the interview process will be admitted to the Senior Year Internship.*

### **Transition Three: Exit from the Program/Internship Materials**

Students maintain an electronic portfolio documenting their progress in the program beginning with EDU 202. The completed E-portfolio is submitted in the last semester of the senior year for review and final grading. The E-portfolio must be submitted electronically and must include selected artifacts from their education coursework. Candidates are provided with a checklist and rubric to aid them in preparing their portfolios for submission. The following items will be added during the Senior Internship:

#### **E-Portfolio Artifacts:**

- Copy of Placement Letter
- Signed Copy of Internship Contract
- Student Intern Schedule
- Intern Record of Time at School
- Intern Weekly Report Forms
- Lesson plans and observation forms from supervisor’s visits
- Video of teaching – include lesson plan and evaluation
- In-depth child study
- Weekly Lesson Planning Forms dated and in order
- Completed Class Profile for each class taught
- Selected assessments from required courses
- Evidence of participating in Personal/Professional Growth Experience(s) related to the teaching profession – Examples diverse field trip, attending a professional conference, etc.
- Résumé

- Technological Capstone Presentation
- Praxis II scores: Pedagogy and content knowledge. (Candidates must present passing scores on content knowledge exam(s) in order to be considered a program completer and must submit passing scores on the pedagogy exam in order to be recommended for licensure by the Arkansas Department of Education).
- Other items that may be included:
  - Samples of student work – related to a unit of study or lessons included
  - Any official documents – awards, certifications, etc...
  - Photographs and visual documentation
  - Student and parent sentiments – notes, cards, or other positive feedback
  - Inspiration items – poems, sayings, pictures, or mottos that have an impact on your teaching
  - Plans for the future

All Portfolios will be archived by Lyon in an electronic format. More information about the portfolio can be found in the Lyon College Teacher Education Handbook and on the Lyon website.

### **Licensure:**

Students who meet all criteria and are in good standing will have completed the Liberal Arts Teacher Education Program and will be recommended for licensure by the Arkansas Department of Education. Candidates should be aware that the Arkansas Department of Education has access to and must consider any background check reflecting a conviction (pleading guilty or no contest or being found guilty by a jury or judge) for any offense listed in AR Code Ann. 6-17-410 as well as any felony involving physical or sexual injury, maltreatment, or abuse against another, including records that have been expunged, sealed, or subject to a pardon. **The discovery of a record of conviction for any felony/non felony offense could result in the applicant being ineligible for an Arkansas educator's license.** For any questions about this, please call the ADE legal office at 501-682-4227.

## **The Elementary Education Major (K-6)**

The Elementary Education (K-6) major at Lyon is designed to prepare students to be effective, committed, caring teachers at the elementary level. Through a course of study grounded firmly in the liberal arts, the major fosters intellectual skills, humane instincts, content and pedagogical competence, and an understanding of the developmental processes of children. Students majoring in Elementary Education must submit to a criminal records check prior to practicum placement in the junior year and must be formally admitted by the Liberal Arts Teacher Education Committee

prior to enrolling in the senior internship. Candidates must earn passing scores on the state-approved content assessment prior to completing the program and on the state-approved pedagogical assessment prior to recommendation for licensure.

*Summary of Requirements for a Major in Elementary Education*

Education major requirements:

PSY 101*	Introduction to Psychology	3 credits
EDU 202	Overview of Teaching	3 credits
EDU 205	Teaching in the Elementary School	3 credits
EDU 220	Social Studies for Elementary School	3 credits
EDU 320	Teaching Reading	3 credits
EDU 330	Literacy across the Disciplines	3 credits
EDU 325	Practicum I	1 credits
EDU 326	Practicum II	1 credits
EDU 324	Children’s Literature	3 credits
EDU 335	Educating Diverse & Exceptional Learners	2 credits
PSY 310	Child & Adolescent Development	3 credits
PSY 339	Learning & Cognition	3 credits
EDU 340	Teaching STEM in Elem. I: Math, Engineering, Technology	2 credits
EDU 345	Teaching STEM in Elem. II: Life & Physical Sciences	2 credits
EDU 461	Integrating the Liberal Arts in Elem. I: Soc. Stud./Lang. Arts	2 credits
EDU 463	Integrating the Lib. Arts in Elem. II: Arts/Health/P.E.	2 credits
EDU 495	Student Internship	8 credits
<b>Total</b>		<b>47 credits</b>

Content requirements:

MTH 105*	Math for Liberal Arts	3 credits
BIO 100*	Biology in Context	4 credits
SCI 105*	Natural Science for the Liberal Arts	4 credits
ANT 101*	Introduction to Cultural Anthropology	3 credits
HIS 366	Arkansas in the United States	3 credits
<b>Total</b>		<b>17 credits</b>

Additional content requirements satisfied by the Common Core:

ENG 105	World Literature	3 credits
POL 105	The American Experience	3 credits
HIS 201	Western Civilization I	3 credits
HIS 202	Western Civilization II	3 credits
<b>Total</b>		<b>**12 credits</b>

\* Course may also satisfy a distribution requirement in the core curriculum – 3 credit hours in Social Sciences, 3 credit hours in Mathematics, 4 credit hours in Lab Science

\*\* Credit hours are earned within the Common Core

# The Secondary Education Concentration

Through the Secondary Education concentration, the College prepares students in qualifying majors who wish to teach at the secondary school level. The curriculum offered adds professional training and classroom experience to a solid education in the liberal arts. The program prepares students to gain teaching licensure in the following subject areas – English, Math, and Social Studies. Students wishing to concentrate in Secondary Education must submit to a criminal records check prior to practicum placement in the junior year and must be formally admitted by the Liberal Arts Teacher Education Committee prior to enrolling in the senior internship. Candidates must earn passing scores on the state-approved content assessment prior to completing the program and on the state-approved pedagogical assessment prior to recommendation for licensure.

## *Requirements for a Concentration in Secondary Education*

PSY 101 Introduction to Psychology .....	3 credits
EDU 202 Overview of Teaching .....	3 credits
PSY 339 Learning & Cognition .....	3 credits
EDU 325 Practicum I .....	1 credit
EDU 326 Practicum II .....	1 credit
EDU 335 Educating Diverse and Exceptional Learners .....	2 credits
PSY 310 Child and Adolescent Development .....	3 credits
EDU 404 Methods of Integrating Liberal Arts in the Secondary School ..	3 credits
EDU 495 Student Internship .....	8 credits (4+4 in ES)
<b>Total .....</b>	<b>27 credits</b>

Students pursuing a secondary teaching license must complete the major requirements (listed elsewhere in the course catalog) in an approved teaching field, the secondary concentration requirements listed above, and a content-specific methods course. Candidates will be individually advised concerning their need for additional areas of coursework in order to meet licensing requirements or to prepare for the Praxis II content knowledge exam(s). These courses may or may not be included in the required major.

# The K-12 Music Education Concentration

The K-12 Music Education Concentration is designed to prepare students for licensure to teach vocal music at the K-12 level in Arkansas. Students wishing to obtain licensure must complete the following requirements in addition to a major in music. The curriculum offered adds professional training and classroom experience to a solid education in the liberal arts. Students wishing to concentrate in K-12 Music Education must meet program admission requirements for enrollment in junior-level practicum courses and must be formally admitted by the Liberal Arts Teacher Education Committee prior to the senior internship.

### *Requirements for a Concentration in K-12 Music Education*

PSY 101 Introduction to Psychology . . . . .	3 credits
EDU 202 Overview of Teaching . . . . .	3 credits
EDU 205 Teaching in the Elementary School . . . . .	3 credits
PSY 339 Learning & Cognition . . . . .	3 credits
EDU 325 Practicum I . . . . .	1 credit
EDU 326 Practicum II . . . . .	1 credit
EDU 335 Educating Diverse and Exceptional Learners . . . . .	2 credits
PSY 310 Child and Adolescent Development . . . . .	3 credits
EDU 404 Methods of Integrating Liberal Arts in the Secondary School . .	3 credits
EDU 495 Student Internship I & II* . . . . .	8 credits (4+4 in F,S)
<b>Total . . . . .</b>	<b>30 credits</b>

\*A component of the Student Internship hours is an on-campus seminar taken during the fall and spring semesters of the senior year. Students will meet one hour a week on the Lyon campus to review intern experiences and discuss relevant topics such as: Creating a Learning Environment; Instructional Materials, Media, and Technology; Curriculum Development; Instructional Strategies; Constructive Assessment; Character Education; Educational Foundations; First Aid/Wellness/Crisis Intervention; Exceptional Children; Multicultural Education; and School Law. **In order to receive a final grade on the internship, students must submit passing scores for the state-required content knowledge assessment and must have taken the state-mandated pedagogical assessment prior to recommendation for licensure.**

**NOTE:** Students planning to pursue a K-12 teaching certificate in music must complete a music major and additional courses as listed below. Requirements for the music major are listed elsewhere in this catalog.

#### **Teaching Field Requirements:**

**MUSIC (Vocal):** Complete requirements for the music major (37 credits) to include MUS 140 (at least four semesters), 420, 431, MUS 151P-452 (4 credits in piano taken as electives), MUS 151V-452 (6 credit hours), as well as MUS 425 Methods and Materials in Teaching Music (3 credits)

## **Education Courses**

### **EDU 202 OVERVIEW OF TEACHING / 3 credits**

This course serves as an introduction to the teaching profession. It provides a basic understanding of the foundations of the education system in the United States and the role of teachers in that system. The course is designed to provide practical experience by requiring a minimum of 20 hours of observation and directed experiences in a public school with at least 10 of those hours in an approved diverse setting.

### **EDU 205 TEACHING IN THE ELEMENTARY SCHOOL / 3 credits**

This course serves as an introduction to teaching at the K-6 level. It provides a basic under-



standing of the nature of teaching and learning in the elementary context, as well as foundational knowledge regarding the physical, mental, and emotional needs of elementary children. Course topics include an introduction to the elementary school and elementary learners, effective planning and delivery of instruction, principles of child health and physical activity, and self-assessment for professional growth.

#### EDU 210 TECHNOLOGY IN EDUCATION / 3 credits

Using the International Society of Technical Education (ISTE) Standards, this course will concentrate on the integration of computers and contemporary technology into classroom instruction. Computer curriculum will be examined.

#### EDU 220 SOCIAL STUDIES FOR THE ELEMENTARY SCHOOL / 3 credits

This course focuses on content knowledge for teaching social studies at the elementary school (K-6) level. The course is designed to provide foundational knowledge in history, geography, economics, and civics and an introduction to the resources available to the K-6 social studies teacher. Prerequisite or co-requisite: EDU 220

#### EDU 311 GEOGRAPHY / 3 credits

A survey of geography including map study, continents, oceans, land forms, vegetation, climate, etc.

#### EDU 314 HUMAN AND CULTURAL GEOGRAPHY / 3 credits

An introductory course in human and cultural geography which emphasizes spatial and ecological components.

#### EDU 320 TEACHING READING / 3 credits

This course provides elementary teacher candidates with a foundation in reading instruction. It focuses on the theories and strategies that reflect best practice. Candidates will learn how to diagnose reading difficulties, how to use intervention strategies to assist struggling readers, and how to foster disciplinary literacy across the curriculum. Candidates will gain practical experience by completing a minimum of 10 hours of classroom observation and directed experiences in reading instruction. Prerequisite: Meet all requirements for pre-admission to the teacher education program (Transition One).

#### EDU 324 CHILDREN'S LITERATURE / 3 credits

This course focuses on the evaluation and selection of developmentally appropriate texts from the various genres in children's literature. Students will learn to use effective instructional practices and resources for teaching children and adolescents to read and respond critically to literary texts.

#### EDU 325 PRACTICUM I / 1 credit

This seminar will introduce pre-service teachers to the four domains of Charlotte Danielson's Framework for Teaching. Course content will focus on organizing content knowledge for student learning, creating environments that are conducive to student learning, developing the instructional skills necessary for guiding student learning, and demonstrating growth within the profession. Supervised classroom participation experiences of at least 30 hours in approved settings are required in grades/disciplines appropriate to students' areas of licensure. Prerequisite: Documentation of passing scores on all parts of the Praxis CORE exam (or ACT/SAT scores as described in Transition One) and a 2.75 cumulative GPA. Fee required.

#### EDU 326 PRACTICUM II / 1 credit

This seminar will focus on the development of pre-service teachers' professional dispositions and knowledge of effective instructional practice. Supervised classroom participation experiences of at least 30 hours in approved settings are required in grades/disciplines appropriate to students' areas of licensure. Prerequisite: Completion of Practicum I. Fee required.

#### EDU 330 LITERACY IN THE DISCIPLINES / 3 credits

This course prepares candidates to teach reading, writing, and reasoning processes which support learning in the various content areas across the curriculum. The course focuses on the knowledge and skills specific to selecting appropriate texts, understanding text structures, and organizing instruction for discipline-related purposes that connect reading, writing, speaking, and listening to content area curricula. Prerequisite: Meet all requirements for pre-admission to the teacher education program (Transition One).

#### EDU 333 HISTORY AND PHILOSOPHY OF EDUCATION / 3 credits

Emphasis on the history of ideas in American thought as related to education; special attention to the educational implications of major philosophical traditions: Particular emphasis on the philosophical roots of significant influences on American education: the colonial religious mind, the American enlightenment, nineteenth-century democracy, naturalism, and the contemporary neo-democratic and post-modernist thought.

#### EDU 335 EDUCATING DIVERSE AND EXCEPTIONAL LEARNERS / 2 credits

This course is to assist teacher candidates to become caring, reflective and competent professionals and to prepare them to meet the educational needs of diverse and exceptional learners. This course will take into consideration cultural, economic, language, and other differences found in learners as well as explore different types and levels of intelligence, resilience, and motivation.

#### EDU 336 EDUCATING DIVERSE AND EXCEPTIONAL LEARNERS FIELD EXPERIENCE / 1 credit

Directed experience in a diverse setting applicable to teacher education and/or professional growth. Prerequisite: Concurrently enrolled in EDU 325 Educating the Diverse and Exceptional Learner or consent of instructor. May be repeated for additional elective credit.

#### EDU 340 TEACHING STEM IN ELEMENTARY I: MATHEMATICS/TECHNOLOGY / 2 credits

This course is designed to prepare teacher candidates to teach mathematics at the elementary school (K-6) level. The course focuses on knowledge and skills necessary for meeting Common Core and disciplinary content standards as well as Arkansas teacher standards and competencies. It includes an emphasis on technology integration. Prerequisite: Prior or concurrent enrollment in EDU 325

#### EDU 345 TEACHING STEM IN ELEMENTARY II: SCIENCE/ENGINEERING/ TECHNOLOGY / 2 credits

This course is designed to prepare teacher candidates to teach science at the elementary school (K-6) level. The course focuses on knowledge and skills necessary for meeting disciplinary content standards and the Arkansas teacher standards and competencies. It includes emphases on engineering and technology integration. Prerequisite: Prior or concurrent enrollment in EDU 326

EDU 382 SPECIAL TOPICS IN EDUCATION / 3 credits

Study of selected topics in education. Prerequisites will vary.

EDU 399 EDUCATION INTERNATIONAL STUDIES COURSE: Various Topics / 1 credit

Studies of varying topics in education, including a two-week Nichols trip. Prerequisites will vary depending upon course topic.

EDU 404 METHODS OF INTEGRATING THE LIBERAL ARTS IN THE SECONDARY SCHOOL / 3 credits

This course will focus on writing and teaching integrated, thematic units. Subject matter will include incorporating the academic disciplines within language arts, including the humanities (English, foreign language, history, philosophy, politics); fine arts (art, music, theatre); social sciences (anthropology, economics, geography, psychology, sociology); mathematics (computer science, mathematics, physics); and science (biology, chemistry) into thematic units. Technology will be emphasized in the delivery of units of instruction. Prerequisite: Enrollment in Practicum II.

EDU 450, 451 DIRECTED STUDY / 1-3 credits

Directed individual study in an area accepted for teacher certification or professional growth. Prerequisite: Admission into LATEC.

EDU 460 DIRECTED MULTICULTURAL EXPERIENCE / 1-3 credits

Directed experience in an area accepted for teacher certification or professional growth. Prerequisite: Admission into LATEC.

EDU 461 INTEGRATING THE LIBERAL ARTS IN ELEMENTARY I: SOCIAL STUDIES/ LANGUAGE ARTS / 2 credits

This course is designed to prepare teacher candidates to teach social studies and language arts at the elementary school (K-6) level. The course focuses on pedagogical knowledge and skills necessary for meeting Common Core and disciplinary content standards. Prerequisite: Prior or concurrent enrollment in EDU 326

EDU 462 METHODS OF INTEGRATING THE LIBERAL ARTS INTO EARLY CHILDHOOD EDUCATION: MATHEMATICS AND SCIENCE / 2 credits

Subject matter for this course will be drawn from Mathematics and Science. Technology will be incorporated into the instruction for each of these areas. Emphasis will be placed on creating integrated thematic units for use in an early childhood/elementary curriculum. Field-based clinical experiences required. Prerequisite: Admission into LATEC.

EDU 463 INTEGRATING THE LIBERAL ARTS IN ELEMENTARY I: ARTS/HEALTH/ P. E. / 2 credits

This course is designed to prepare teacher candidates to integrate the arts, health, and physical education into the core disciplines at the elementary school (K-6) level. The course focuses on pedagogical knowledge and skills necessary for meeting disciplinary content standards as well as Arkansas teacher standards and competencies. Prerequisite: EDU 326

EDU 495 STUDENT INTERNSHIP / 8 credits (4+4; Fall and Spring)

Assignment to an instructional team in a partner school. Actual classroom observation and teaching in the classroom required. Fee required. Prerequisite: Admission into LATEC

# The English Major

**Professor:** Terrell Tebbetts

**Associate Professors:** Ronald Boling and Helen Robbins

**Assistant Professor:** Wesley Beal

**Part-time Assistant Professor:** Amy Schmidt

Students majoring in English love language because they understand its power to reflect and to shape human experience, and they work hard at mastering it. As readers, they become good analysts of style and content, character and theme, with an understanding of the traditions and tools of writing and an ability to develop their own disciplined and creative responses to whatever they read — whether they are reading Shakespeare's *Othello* or a corporate annual report. As writers, they become masters of the principal tool of thought — language — sometimes becoming published writers before they graduate. This mastery of the written word — both as a critical and insightful reader and as an adept and creative writer — provides an excellent foundation for a wide range of professions and for a fulfilling life of continued learning.

## *Summary of Requirements for a Major in English*

ENG 105 Introduction to World Literature*	3 credits
ENG 290, 291 Survey of British Literature I & II	6 credits
ENG 330, 331 American Literature I & II	6 credits
ENG 363 Advanced Composition	3 credits
Electives in English†	15 credits
<b>Total</b>	<b>33 credits</b>

\* This course may also be used to satisfy Core requirements.

† At least 9 credits must be above the 200 level. Three credits must be at the 400 level. Six credits may be taken in foreign language above the 100-level.

# The English Minor

The English minor is a course of study designed as a second field for students interested in exploring their love of language, developing their abilities as a critical reader, and honing their use of words as a tool of the mind.

## *Summary of Requirements for a Minor in English*

Two courses in American literature	6 credits
Two courses in English literature	6 credits
(At least one literature course should be at the 300 level or above.)	
ENG 363 Advanced Composition	3 credits
<b>Total</b>	<b>15 credits</b>

# English Courses

## ENG 101 ENGLISH COMPOSITION I / 3 credits

Basic college expository writing, emphasizing mastery of purpose, focus, organization, development, and mechanics.

## ENG 102 ENGLISH COMPOSITION II / 3 credits

Essay-writing emphasizing stylistic development through more difficult expository tasks: argumentation, persuasion, textual analysis, and a research paper. Prerequisite: ENG 101.

## ENG 103 ORAL PRESENTATION / 3 credits

An experiential course covering basic approaches to a variety of formal and informal oral presentations including informative lectures, persuasive speeches, verbal presentations of texts, and other forms of public communications, ENG 103 focuses attention on non-verbal as well as verbal skills and builds skill and confidence through practice in a workshop format. Prerequisite: ENG 101.

## ENG 105 INTRODUCTION TO WORLD LITERATURE / 3 credits

Reading and analysis of at least three major works of Western literature common to all sections, with additional Western and non-Western works chosen by individual instructors. Prerequisite: ENG 101.

## ENG 203 CLASSICAL MYTHOLOGY AND LITERATURE / 3 credits

This course studies ancient Greek and Roman mythology as depicted in classical literature. Prerequisite: ENG 102 or permission of instructor.

## ENG 210 STUDIES IN FICTION / 3 credits

An introductory course designed to teach students how to interpret and analyze the novel and/or the short story. Prerequisite/corequisite: ENG 102.

## ENG 211 INTRODUCTION TO POETRY / 3 credits

An introductory course designed to teach first- and second- year students how to read and respond to poetry. Prerequisite/corequisite: ENG 102.

## ENG 212 TOPICS IN LITERATURE / 3 credits

An introductory course designed to teach students how to read and analyze literature through the study of a particular theme. Readings may include a variety of genres such as poetry, fiction, drama, and the essay. Prerequisite/corequisite: ENG 102.

## ENG 215 INTRODUCTION TO SHAKESPEARE / 3 credits

An introductory course designed to teach students how to read and interpret Shakespeare. Prerequisite/corequisite: ENG 102.

## ENG 290 SURVEY OF BRITISH LITERATURE I / 3 credits

This course surveys major British literary works from Beowulf through the Augustan age of the 18th century, with emphasis on the British interpretation and appropriation of the Western literary tradition. The reading includes Beowulf, Chaucer, medieval romance, Renaissance epic, drama, and poetry, and Restoration and 18th century satire. Prerequisite: ENG 102 and either 110, 203, 210, 211, 212 or 215.

ENG 291 SURVEY OF BRITISH LITERATURE II / 3 credits

The sequel to ENG 290. Major works of Romantic, Victorian, and twentieth-century British literature, including poetry, fiction, and the essay. Prerequisite: ENG 102 and either 110, 203, 210, 211, 212 or 215.

ENG 320 METHODS OF TEACHING ENGLISH / 2 credits

Materials, methods, and latest trends in teaching literature and writing. Analysis of test assessments, NCTE standards, and state-mandated requirements, including Arkansas Frameworks and ACTAAP. Prerequisite/corequisite: Teaching Internship.

ENG 323 NINETEENTH CENTURY BRITISH POETRY / 3 credits

A survey of either Romantic or Victorian poetry adding more detail and depth to the basic coverage of these periods provided in the general British Survey (ENG 291). Romantic poets will include Blake, Wordsworth, Coleridge, Byron, Keats, and Shelley. The Victorian offering will cover major poets from Tennyson through Hardy and Hopkins. Prerequisite/corequisite: ENG 290 or 291.

ENG 330 AMERICAN LITERATURE TO 1900 / 3 credits

This course surveys major American writers selected from the Puritan forefathers, the transcendentalists, the writers of the American Renaissance, and the late 19th century, with particular emphasis on the Puritan roots of the evolving American tradition. Prerequisite/corequisite: ENG 290 or 291.

ENG 331 AMERICAN LITERATURE FROM 1900 / 3 credits

This course surveys American writers of the 20th century, including those of the Lost Generation, the Fugitive Movement, the Harlem Renaissance, the Depression era, modernism, and the contemporary scene. Prerequisite: ENG 102 and either 110, 203, 210, 211, 212 or 215.

ENG 333 MODERN POETRY / 3 credits

Twentieth-Century poetry in English. Usually focusing on poetry written since World War II, the course varies in its approach, sometimes surveying the works of influential poets, sometimes looking in depth at a few of these poets and their contributions to the art and craft of poetry. Prerequisite/corequisite: ENG 290 or 291.

ENG 334 AMERICAN FICTION OF THE 20TH CENTURY / 3 credits

A study of selected 20th-century American novels and short stories. The focus of the course varies from a historical survey of 20th-century American fiction writers to in-depth study of a theme or themes. Prerequisite or corequisite: ENG 290 or 291.

ENG 335 BRITISH FICTION / 3 credits

Varying studies of the 18th, 19th, or 20th Century. Prerequisite/corequisite: ENG 290 or 291.

ENG 337 ADVANCED GRAMMAR / 3 credits

A study of both traditional and modern grammar, with some emphasis on philology and the teaching of English in multi-cultural schools. Offered in alternate years.

ENG 340 FILM STUDIES / 3 credits

Students will acquire the basic vocabulary necessary to analyze film as a visual medium and narrative discourse. Various classic and noncanonical films will be examined through close

visual and diegetic analysis. Major critical approaches to film will be examined through readings in secondary scholarship. Attendance at weekly evening screenings is required. Prerequisites: ART 101, ENG 110, or THE 101, or permission of instructor. (Same as ART 340).

#### ENG 360 CREATIVE WRITING WORKSHOP IN POETRY / 3 credits

An intensive workshop in the art and discipline of writing poetry, concentrating on the process of writing poems from perception and inspiration through the rigors and satisfaction of revision. Experience in writing poetry expected. Prerequisite: ENG 211 and permission of instructor.

#### ENG 361 CREATIVE WRITING WORKSHOP IN FICTION / 3 credits

Development of creative perception, thinking and imagination in the writing of fiction. Experience in writing creatively expected. Prerequisites: ENG 102 and permission of instructor.

#### ENG 363 ADVANCED COMPOSITION / 3 credits

For students from any major planning to attend graduate and professional schools. Extended writing in the students' own fields of study. Open only to students with a "B" or "A" in English 102; others should seek permission of instructor.

#### ENG 365 INTRODUCTION TO CONTEMPORARY CRITICAL THEORY / 3 credits

This course introduces students to the theory and practice of several vital critical approaches to literature, including cultural-historical, psychoanalytic, deconstructive, and feminist methodologies. Readings will include selections from primary theoretical texts by such figures as Freud, Lacan, Kristeva, Irigaray, Barthes, Derrida, Saussure, and Foucault, as well as selected literary texts to be interpreted through the various critical methods. This course is highly recommended for students interested in attending graduate school in literature, arts, and humanities. Prerequisites: ENG 290 or 291 OR any 300-level foreign-language literature course. Students in other disciplines who are interested in critical theory may enroll with permission of instructor.

#### ENG 399 ENGLISH INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit

Studies of varying topics in English, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.

#### ENG 433 NINETEENTH-CENTURY BRITISH LITERATURE / 3 credits

Varying studies of the Romantic or Victorian periods or of selected topics. This course may explore comparisons between British and continental works, or between literature and the visual arts. Prerequisite: One 300-level ENG literature course and Junior standing; prerequisite/corequisite: ENG 363.

#### ENG 441 SHAKESPEARE / 3 credits

This course surveys Shakespeare's comedies, histories, and tragedies, using a variety of critical approaches to develop rich and cohesive understandings of the texts. Theatre majors who have completed THE 232 are exempt from the ENG 290 prerequisite. Prerequisite: One 300-level ENG literature course and Junior standing; prerequisite/corequisite: ENG 363.

#### ENG 442 FAULKNER / 3 credits

This seminar involves reading and discussing the novels and short fiction of William Faulkner,

using several critical approaches to enrich discussion. Students have the opportunity to take a short excursion to Mississippi to visit sites used in the fiction and tour Faulkner's home. Prerequisite: One 300-level ENG literature course and Junior standing; prerequisite/corequisite: ENG 363.

#### ENG 443 MAJOR WRITERS / 3 credits

Concentrated reading and study of the works of one or two of the great writers of European, English and American literature. Prerequisite: One 300-level ENG literature course and Junior standing; prerequisite/corequisite: ENG 363.

#### ENG 448 ADVANCED CREATIVE WRITING INTENSIVE / 3 credits

This course provides an intensive writing seminar, including final project, for advanced students in poetry, fiction, creative nonfiction, playwriting, or screenwriting. Prerequisite: One of the following (must be in the same genre as the advanced course): ENG 360 (for poetry), ENG 361 (for fiction), ENG 363 (for creative nonfiction), THE 340 (for playwriting or screenwriting), or consent of the Writer-in-Residence.

#### ENG 450 INDEPENDENT STUDY / 1-4 credits

Concentrated study in selected fields.

## The French Minor

**Assistant Professor: James Martell**

**Visiting Assistant Professor: Brian Hunt**

The French minor is a course of study designed as a second field for students interested in developing their fluency in French and gaining the understanding of culture and literature that comes from the study of a foreign language.

#### *Summary of Requirements for a Minor in French*

FRN 101 Beginning French I*	3 credits
FRN 102 Beginning French II*	3 credits
FRN 201 Intermediate French I	3 credits
FRN 202 Intermediate French II	3 credits
Two advanced French electives (300 and/or 400 level)	6 credits
<b>Total</b>	<b>18 credits</b>

\* This course may also be used to satisfy Core requirements

**Students may develop an individualized major in French normally by study for a summer or semester in a French-speaking country.**

## French Courses

#### FRN 101, 102 BEGINNING FRENCH I & II / 3 credits each

Introduction to French language and culture with focus on speaking, listening, writing or reading. FRN 101 (or exemption) is a prerequisite for FRN 102.

#### FRN 201, 202 INTERMEDIATE FRENCH I & II / 3 credits each



Review of grammar with emphasis on reading, writing, listening and speaking. Introduction to works of several modern writers. Practice with tapes. Vocabulary building and idiomatic self-expression stressed.

FRN 211, 212 INTERMEDIATE FRENCH CONVERSATION / 1 credit each

French conversation at the intermediate level. Graded on a pass/fail basis. Prerequisite: FRN 102 or permission of instructor.

FRN 311, 312 ADVANCED FRENCH CONVERSATION / 1 credit each

French conversation at the advanced level. Graded on a pass/fail basis. Prerequisite: FRN 202 or permission of instructor.

FRN 315 ADVANCED GRAMMAR AND COMPOSITION / 3 credits

Study of advanced grammar points and stylistic features of written French. Development of advanced language skills, with an emphasis on writing. Prerequisite: FRN 202 or permission of instructor.

FRN 340 EIGHTEENTH-CENTURY FRENCH STUDIES / 3 credits

Introduction to eighteenth-century French thought, culture and history and continued work on language skills. Prerequisite: FRN 202 or permission of instructor.

FRN 345 NINETEENTH-CENTURY FRENCH STUDIES / 3 credits

Introduction to nineteenth-century French literature, culture and history and continued work on language skills. Prerequisite: FRN 202 or permission of instructor.

FRN 350 TWENTIETH-CENTURY FRENCH STUDIES / 3 credits

Introduction to twentieth-century French literature, culture and history and continued work on language skills. Prerequisite: FRN 202 or permission of instructor.

FRN 355 CONTEMPORARY FRANCE / 3 credits

Introduction to contemporary French literature, culture and history and continued work on language skills. Prerequisite: FRN 202 or permission of instructor.

FRN 382 SPECIAL TOPICS IN FRENCH / 3 credits

Study of selected topics in French. Prerequisites will vary.

FRN 399 FRENCH INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit

Studies of varying topics in French culture, including a 2-week Nichols trip to a French-speaking country. Prerequisite: FRN 102.

FRN 450 INDEPENDENT STUDY / 1-3 credits

Concentrated study in selected field of study. Prerequisite: Permission of instructor.

## The History Major

**Associate Professors:** Edward Tenace and Mark Wallace

**Assistant Professor:** Scott Lien

The study of history is a crucial aspect of a liberal education. History provides a sense of perspective on the processes of social, political, and economic change that literal-

ly have shaped the world. The study of history deepens and broadens one's understanding of the ways institutions and attitudes bring about change over time.

Lyon history students experience the varied work of the modern historian, especially the historian as detective and as interpreter. Working with both evidence and ideas, in the classroom and in the field, history majors have the opportunity to refine their skills in critical reading, reasoning, research, and writing.

#### *Summary of Requirements for a Major in History*

HIS 101, 102 The United States I, II .....	6 credits
HIS 201, 202 Western Civilization* .....	6 credits
HIS 280 Historiography and the Historical Method .....	3 credits
One U.S. history course (300 level or above) .....	3 credits
Four non-U.S. history courses (300 level or above) .....	12 credits
Two additional history courses (300 level or above) .....	6 credits
HIS 480 Senior Seminar .....	3 credits
<b>Total .....</b>	<b>39 credits</b>

\* *These courses are the required common core in the sophomore year.*

## **The History Minor**

This course of study is designed as a second field for students interested in history and in developing their skills in reasoning, research, and writing.

#### *Summary of Requirements for a Minor in History*

HIS 101, 102 The United States I, II .....	6 credits
HIS 201, 202 Western Civilization* .....	6 credits
HIS 280 Historiography and the Historical Method .....	3 credits
One U.S. history course (300 level or above) .....	3 credits
One non-U.S. history course (300 level or above) .....	3 credits
HIS 480 Senior Seminar .....	3 credits
<b>Total .....</b>	<b>24 credits</b>

\* *These courses are the required common core in the sophomore year.*

## **History Courses**

HIS 101, 102 THE UNITED STATES I & II / 3 credits each  
The American experience from the colonial period to the present.

HIS 201, 202 WESTERN CIVILIZATION I & II / 3 credits each  
Major political, economic, cultural, and social forces and events from the time of the ancient Hebrews and Greeks to the present. The first semester will cover the ancient Hebrews and Greeks through the Reformation. The second semester will cover the Early Modern period through the present.

### HIS 280 HISTORIOGRAPHY AND THE HISTORICAL METHOD / 3 credits

This course will teach students to do history for themselves. We will explore the process of doing history, practice those processes, and discuss the merits of different approaches to studying the past. Throughout the course we'll research primary materials and work in archives, think hard about spotting and developing theses, probe the philosophical question of what history is, and learn historical content from an important field of American history. By the end of the course, students will have a historical research project of their own choosing well in hand and ready to be developed in HIS 480, our capstone course. Required for History majors and minors. Prerequisites: HIS 201-202 or equivalent, or permission of instructor.

### HIS 296 BACH'S GERMANY / 3 credits

An investigation of four cities (Berlin, Dresden, Leipzig, and Weimar) where the composer J.S. Bach lived and worked. Special emphasis will be placed on compositions written by Bach in each of these locales. (Same as MUS 296).

### HIS 301 BRITISH HISTORY I / 3 credits

This course will deal with the principle events in the formation of England from the Norman Conquest to the end of the Stuart monarchy in 1714. It will also touch on England's relation to its Celtic neighbors, the beginnings of the British Empire, and the creation of Great Britain.

### HIS 302 BRITISH HISTORY II / 3 credits

This course will deal with the main political, social, economic, and cultural developments in Britain since 1714. Attention will also be paid to British colonialism, Britain's role in international affairs, and relations among the various territories that make up the United Kingdom itself.

### HIS 303 HISTORY OF IRELAND / 3 credits

This course will survey the history of Ireland from the arrival of the Celts to the present-day conflict in Northern Ireland. Major emphasis will be placed on explaining how Ireland's history shaped and continues to shape its present. Prerequisite: HIS 201 or permission of instructor.

### HIS 310 COLONIAL AMERICA / 3 credits

Was the American Revolution radical? This course will investigate that crucial question and, in so doing, will show students that there are layers of meaning to our founding moment that our current discourse about democracy and justice tend to obscure. Major emphasis in the course will be on constitutional issues, but those questions will also be consistently juxtaposed with social and economic history, so that we have experience comparing political theories of independence with the ways in which life was lived on the ground across this geographic space.

### HIS 312 FOUNDING AMERICA / 3 credits

This course explores the era when Europeans established polities and societies on this continent. We will explore the histories of the various regions, types of colonies, array of people, and the important changes that took place culturally, socially, religiously, economically, and politically across the 150 years of colonial history. Major emphasis will be placed upon the fact of the diversity of peoples and cultures on this continent and the course will explore how that fact made possible what would become the United States of America.

**HIS 315 U.S. FOREIGN AND SECURITY POLICY / 3 credits**

Covers the evolution of U.S. foreign and security policy with particular attention to the Cold War and post-Cold War eras. The policy-making process, including the role of public opinion, the mass media, and Congress, will also be covered. Prerequisite: POL 205 or permission of instructor (Same as POL 315).

**HIS 320 METHODS OF TEACHING SOCIAL STUDIES / 2 credits**

Acquaintance with materials, methods, and latest trends in the teaching of social studies.

**HIS 325 HISTORY AND FILM / 3 credits**

Students will watch several films on real historical events to ascertain their historical veracity. Students will research both the films and the actual events from the standpoint of professional historians and will demonstrate how films are very much the reflection of the society that produced them. Film topics will vary but will treat such issues as war, revolution, imperialism, colonialism, and the struggle of classes and social order.

**HIS 329 THE EARLY CHURCH / 3 credits**

The development of Christian thought and life to 600 A.D. Prerequisite: RPH 120 or permission of instructor. (Same as RPH 329).

**HIS 331 THE MIDDLE AGES / 3 credits**

This course is a survey of the History of Europe from the fall of the Roman Empire to the end of the 15th century. Topics include the Christianization of Europe, the evolution of feudalism, the rise of the papacy, the Crusades and the Hundred Years' War. Prerequisites: HIS 201/RPH 201 or permission of the instructor. (Same as RPH 331).

**HIS 334 RECENT EUROPEAN HISTORY / 3 credits**

Dominant currents in Europe and its dependencies from the Congress of Vienna to the present.

**HIS 340 THE FRENCH REVOLUTION AND NAPOLEON / 3 credits**

An exploration of the causes and consequences of this very decisive period which witnessed the destruction of the Old Regime and the birth of the modern state. Consideration will be given to the ideology of the Enlightenment, social and political reforms, the forces of radicalism and popular violence, and the origin of nationalism. In addition, the career of Napoleon and its impact on Europe will be examined. Prerequisite: HIS 201 or permission of instructor.

**HIS 345 HISTORY OF INDIA AND CHINA / 3 credits**

A survey of the history of China and India from earliest times to the present. Included are the study of China and India prior to contact with the West, the impact of the West on these cultures, the rise of nationalism and anti-imperialism, and the rise of communism. Prerequisite: HIS 201 and 202 or permission of instructor.

**HIS 349 THE GERMAN POLITICAL AND CULTURAL TRADITION / 3 credits**

This course will consider the development of German political ideas and the evolution of German constitutional arrangements from the Reformation to the present. In addition to the Sonderweg thesis – which seeks to explain and understand Germany's historical embrace of authoritarian political institutions – the course will also explore the rich German liberal and democratic tradition. In order to comprehend the complexity of German political thought, students will study the artifacts and writings of artists, philosophers, filmmakers, and poets, as

well as historians and politicians. Prerequisite: HIS 202 or RPH 202. (Same as POL 349).

### HIS 353 THE EVOLUTION OF WAR / 3 credits

This course is an exploration of warfare from earliest times to the present, viewing war as a social institution that must be seen in its fullest cultural context to be understood. Attention will be given not only to the historical development of war, but to its interrelationships with society and technology as well. Although the course focuses mainly on the West, it will have a significant global component in that the military experience of other cultures will serve as a vehicle of comparison. Prerequisites: HIS 201 and 202 or permission of instructor.

### HIS 354 THE BYZANTINE EMPIRE / 3 credits

This course will examine the rise and fall of the Byzantine Empire from 330-1453. Major emphasis will be on the political, social, and economic structures of Byzantium and the religion and culture of its peoples. The influence of Byzantium on the Slavs, Arabs, Turks, and Western European kingdoms will also be studied. Prerequisite: HIS 201 or RPH 201 or permission of instructor. (Same as RPH 354).

### HIS 355 THE REFORMATION / 3 credits

This course will explore the causes and consequences of the Reformation. Major emphasis will be placed on understanding the role of the major reformers such as Luther, Calvin, and Loyola. In addition, we will explore its socio-political and cultural dimensions. Prerequisite: HIS 201/RPH 201, or permission of instructor. (Same as RPH 358).

### HIS 356 THE SPANISH GOLDEN AGE / 3 credits

This course examines Spanish culture and society during the Golden Age of the sixteenth and seventeenth centuries. Through the study of historical texts, we will explore some of the major issues of the age (the Inquisition, the Counter-Reformation, the problem of ethnic and religious minorities, and the rise and fall of empire). Prerequisite: HIS 201, or permission of instructor.

### HIS 357 EARLY MODERN FRANCE / 3 credits

The course will cover the history of France from the “new monarchs” of the 15th century to the end of the Ancien Regime in 1789. Focus will be on gaining an understanding of such traditional themes as the consolidation of the French kingdom, the renaissance monarchy, the wars of religion, the development of absolutism, Louis XIV, the Enlightenment, and the forces that would eventually unleash the French Revolution. Great stress will be placed on understanding the larger economic and social forces that helped shape French history. In addition, students will explore some of the recent work in the areas of gender and cultural history. Prerequisite: HIS 201, or permission of instructor.

### HIS 358 MODERN RUSSIA / 3 credits

The transformation of Russia in the 20th century, with special attention to the factors leading to the collapse of communism in the Gorbachev era and to the efforts to establish democratic institutions in the region thereafter. Prerequisite: POL 201, or permission of the instructor. (Same as POL 358).

### HIS 361 THE CIVIL WAR / 3 credits

This course will focus on the Civil War as a military conflict. Great emphasis will be given to understanding the strategy, operations and tactics employed by both sides. Attention will also

be given to the war in the context of international diplomacy and domestic politics as well as its impact on the nation. Prerequisite: HIS 101 or permission of instructor.

**HIS 362 U.S. CONSTITUTION / 3 credits**

Topics covered in this course include the evolving interpretation of the scope of power allotted to each separate branch of the national government, federalism, the legal and philosophical justifications for judicial review and the politics of Supreme Court decision making. (Same as POL 362).

**HIS 366 ARKANSAS IN THE UNITED STATES / 3 credits**

Arkansas from exploration to the present.

**HIS 367 LIFE IN 20th CENTURY AMERICA / 3 credits**

This course examines the history of the United States from the 1900s to the 1990s. Social history, domestic politics, influence of the media and popular culture will serve as themes while considering such topics as the Progressive Era, The Roaring Twenties, the Home Front during World War, the Great Depression, Cold War Culture, Counter Culture during the 1960s and others. Prerequisites: HIS 102 or permission of the instructor.

**HIS 371 THE MIDDLE EAST / 3 credits**

A survey of the Middle East from the rise of Islam to the present day. Major emphasis will be placed upon the development of Islamic society and culture. The impact and influence of the West will also be considered. Particular attention will be given to the rise of nationalism, the Arab-Israeli Conflict, and the development of Islamic fundamentalism. Prerequisite: HIS 201 and 202 or permission of instructor. (Same as POL 371).

**HIS 382 SPECIAL TOPICS IN HISTORY / 3 credits**

Study of selected topics in history. Prerequisites will vary.

**HIS 383 WORLD THEATRE HISTORY / 3 credits**

A survey of world theatre from its ritualistic beginnings to the present day. It will include readings of selected plays from world cultures. Prerequisite: THE 101 or HIS 201 (same as THE 383).

**HIS 399 HISTORY INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit**

Studies of varying topics in history, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.

**HIS 411, 412 READINGS IN HISTORY I & II / 1-3 credits each**

Reading and review of three to six monographs each semester. Tutorial.

**HIS 460 PRACTICUM IN HISTORY / 1-3 credits**

**HIS 480 SENIOR SEMINAR / 3 credits**

Preparation of a major research paper; some study of methodology in history. Prerequisite: Senior standing or permission of instructor.

# The International Studies Minor

**Advisor:** Professor Brad Gitz

At a time when intellectual and professional endeavors of all kinds increasingly have an international dimension, the minor in International Studies at Lyon College is a secondary field of specialization that provides an understanding of the global aspects of contemporary problems. The minor will complement and expand the scope of a student's major in any discipline. As an interdisciplinary minor, International Studies draws upon the disciplines of Political Science, Economics, History, Foreign Languages, and Anthropology. It requires that students participate in an appropriate study-abroad program in order to develop an understanding of how nations interrelate culturally, politically, and economically.

## *Summary of Requirements for a Minor in International Studies*

**Part I:** Four semesters of a modern foreign language (through 202) or demonstrated proficiency at that level.

**Part II:** A study-travel course or other approved foreign-study experience.

**Part III:** POL 201 Comparative Politics .....3 credits

POL 205 World Politics .....3 credits

**Part IV:** *Four* of the following elective courses, with no more than two in any one discipline: (*No more than one may be applied to the student's major.*) .....12 credits

ANT 101\*

BUS 430

ECO 410

FRN 350

HIS 303, 315, 345, 349, 353, 358, 371

POL 297, 315, 346, 358

RPH 140, 150

SPN 300, 360

**Total** .....18 credits

\* *This course may also be used to satisfy Core requirements.*

# The Journalism Concentration

**Advisor:** Professor Terrell Tebbetts

The Journalism concentration at Lyon College develops the thinking, writing, and editing skills needed for professional writing careers in business and journalism. The concentration prepares students to join corporate editing and writing staffs, as well as the editing and reporting staffs of newspapers and magazines.

Students following the Journalism concentration choose majors appropriate to their intellectual and professional interests. Some might select an English major, for example, to focus on critical verbal skills, while others might select political science

to develop understanding of political events important to news and editorial writing. Still others might select Spanish, art, or economics. Students in the Journalism concentration are free to select whatever major suits their individual interests and needs.

Lyon College graduates with courses from the Journalism concentration have been particularly successful after joining the reporting staffs of daily newspapers and the writing and editing staffs of professional organizations. Some of them have moved easily into marketing positions. Their success has stemmed from their ability to think critically, to write clearly, to solve problems, and to lead. And these strengths have grown from their combination of a liberal arts major with courses from Lyon College's Journalism concentration.

#### *Summary of Requirements for a Journalism Concentration*

JRN 102 Fundamentals of Photography . . . . .	3 credits
JRN 203 News Writing . . . . .	3 credits
JRN 303 News Editing . . . . .	3 credits
ART 220 Digital Studio . . . . .	3 credits
ENG 363 Advanced Composition . . . . .	3 credits
JRN 372 Practicum in Writing . . . . .	3 credits
JRN 373 Practicum in Editing . . . . .	3 credits
JRN 401 Internship . . . . .	3 credits
<b>Total . . . . .</b>	<b>24 credits</b>

#### *Recommended Electives*

Print journalists have recommended that students develop fields of reporting expertise — in the arts and literature, for example, or politics or science or business. In addition, Spanish is a useful tool for both reporters and business writers. Students should talk with their concentration advisor about appropriate options.

## **Journalism Courses**

### **JRN 102 FUNDAMENTALS OF PHOTOGRAPHY / 3 credits**

This course will explore basic camera and digital darkroom techniques. Students will cultivate the aesthetic and conceptual skills of photographic image making. Success in this course will be measured in the understanding of basic camera functions, basic digital imaging skills (scanning, retouching, printing), conceptual development and a final portfolio. (Same as ART 102)

### **JRN 203 NEWS WRITING / 3 credits**

An introduction to basic news and news-feature writing with practical experience. Style and form of media news writing included.

### **JRN 303 NEWS EDITING / 3 credits**

Principles of editing for the print media, with emphasis on the use of computers. AP style. Design and layout. Newsroom organization and management.



JRN 372 PRACTICUM IN WRITING / 1-3 credits  
 Practical experience in writing for publication, under professional supervision. Placement on student newspaper or yearbook or in the Lyon public relations office. Prerequisite: JRN 203 or permission of instructor.

JRN 373 PRACTICUM IN EDITING / 1-3 credits  
 Practical experience in editing material for publication, under professional supervision. Placement with Lyon College publications. Prerequisite: JRN 303 or permission of instructor.

JRN 382 SPECIAL TOPICS IN JOURNALISM / 3 credits  
 Study of selected topics in journalism. Prerequisites will vary.

JRN 401 INTERNSHIP / 3 credits  
 Professional experience in publications through work at a business or news organization. With the assistance of college faculty and staff, students find a part-time job during the academic year or a full-time job during the summer. Prerequisite: JRN 372 or 373.

JRN 450 INDEPENDENT STUDY / variable credit  
 Concentrated study in selected topic.

## The Mathematics Major

**Assistant Professors: Jeremy Chapman, Joseph Stover, and Tharanga Wijetunge**

Mathematics is the language of nature — the Rosetta stone by which we come to understand the inner structure and form of our universe. It is also the language of computers — the key to the Information Age, which is just beginning. As a tool for understanding the world, it is perhaps the oldest and most enduring — and still, today, one of the most dynamic and exciting. Students in the Mathematics major develop an understanding of mathematics as a vital tool of the mind.

The Mathematics major is both rigorous and flexible. It provides students a rigorous foundation upon which to pursue graduate studies in mathematics or professional training in areas such as law or engineering, while permitting them the flexibility to pursue minors in other liberal arts disciplines and to prepare themselves to teach in secondary school. Graduates receive the Bachelor of Arts degree in mathematics.

### *Summary of Requirements for a Major in Mathematics*

MTH 210, 220, 230 Calculus I*, II, III . . . . .	12 credits
MTH 290 Foundations of Modern Mathematics . . . . .	3 credits
MTH 300 Differential Equations . . . . .	3 credits
MTH 330 Linear Algebra . . . . .	3 credits
MTH 420 Abstract Algebra I . . . . .	3 credits
MTH 440 Advanced Calculus I . . . . .	3 credits
3 Mathematics electives (300/400 level)** . . . . .	9 credits
CSC 140 Introduction to Programming	
<b>OR</b> CSC 115 Introduction to Programming in Java . . . . .	3 credits

**Total .....39 credits**  
*\* This course may also be used to satisfy Core requirements.*  
*\*\* MTH 400 Secondary Methods in Mathematics may not be used for this requirement.*  
 PHY 240, 241, 250, 251, are recommended general electives.

Students who wish to teach secondary school mathematics must satisfy admission requirements for the Liberal Arts Teacher Education Concentration (LATEC) and complete the General Education Core and Education Theory curriculum in the Secondary Education Certification Program. Additionally, these prospective mathematics teachers must take MTH 400, Secondary Methods in Mathematics, which may be used as a general elective but not as a mathematics elective. We recommend that prospective mathematics teachers take MTH 360 and MTH 380 as mathematics electives.

## The Mathematics Minor

The Mathematics minor is a course of study designed as a second field for students who wish to develop their understanding of mathematics as a tool of the mind.

### *Summary of Requirements for a Minor in Mathematics*

MTH 210 & 220 Calculus I\* & II .....8 credits

Three courses chosen from

- MTH 230 Calculus III
- MTH 290 Foundations of Modern Mathematics
- MTH 300 Differential Equations
- MTH 330 Linear Algebra
- MTH 360 Probability and Statistics
- MTH 380 Modern Geometry
- MTH 415 Numerical Analysis
- MTH 420 Abstract Algebra I
- MTH 440 Advanced Calculus I
- MTH 445 Special Topics
- CSC 310 Mathematical Foundations of Computer Science\*\* .....9-10 credits
- CSC 140 Introduction to Programming

**OR** CSC 115 Introduction to Programming in Java .....3 credits

**Total .....20-21 credits**

*\* This course may also be used to satisfy Core requirements.*  
*\*\*This course has MTH 115 Discrete Mathematics as a prerequisite.*

## Mathematics Courses

MTH 101 COLLEGE ALGEBRA / 3 credits  
 Review of algebra including the real number system. Study of functions which includes the

exponential and polynomial.

**MTH 105 MATH FOR LIBERAL ARTS / 3 credits**

Exponential growth and decay, simple interest, compound interest, inflation, loans, combinations, permutations, probability, odds, expectation, frequency distributions, descriptive statistics, and the normal distribution. Prerequisite: MTH 101.

**MTH 110 ELEMENTARY FUNCTIONS / 3 credits**

A study of exponential, logarithmic and trigonometric functions, elementary matrix theory including determinants and systems of equations. Emphasis is on preparation for calculus. Prerequisite: MTH 101.

**MTH 115 DISCRETE MATHEMATICS / 3 credits**

Topics in Discrete Mathematics including sets and set operations, combinatorics, elements of graph theory. Prerequisite: MTH 101.

**MTH 210 CALCULUS I / 4 credits**

The study of limits, differentiation and integration of algebraic, trigonometric, logarithmic and exponential functions with their applications. Prerequisite: MTH 110 or permission of instructor.

**MTH 220 CALCULUS II / 4 credits**

Applications and techniques of integration, sequences, infinite series, and transcendental functions. Prerequisite: MTH 210 or permission of instructor.

**MTH 230 CALCULUS III / 4 credits**

Vectors and polar coordinates, functions of several variables, partial differentiation, multiple integration, and line integrals. Green's Theorem, Stokes' Theorem, and Gauss' Theorem. Prerequisite: MTH 220 or permission of instructor.

**MTH 290 FOUNDATIONS OF MODERN MATHEMATICS / 3 credits** An introduction to the method of formal proof. Topics include logic, set theory, relations, functions and cardinality. Prerequisite: MTH 210 or permission of instructor.

**MTH 300 DIFFERENTIAL EQUATIONS / 3 credits**

Ordinary differential equations and Laplace transforms. Prerequisite: MTH 220.

**MTH 330 LINEAR ALGEBRA / 3 credits**

Algebra of finite dimensional linear spaces, linear transformations and matrices, eigenvalues, eigenvectors. Prerequisites: MTH 220.

**MTH 360 PROBABILITY AND STATISTICS / 3 credits**

Elementary probability, distribution functions, sampling, and testing statistical hypothesis. Prerequisite: MTH 220.

**MTH 380 MODERN GEOMETRY / 3 credits**

A study of Euclidean and Non-Euclidean geometries. Prerequisite: MTH 290.

**MTH 400 SECONDARY METHODS IN MATHEMATICS / 3 credits**

To prepare mathematics students for their roles as secondary mathematics teachers.

#### MTH 415 NUMERICAL ANALYSIS / 3 credits

Error analysis, interpolation, approximate differentiation, approximate integration, solutions to differential equations, matrix manipulation, and solutions to systems of linear equations. Prerequisites: MTH 300 and CSC 115 or CSC 140. Same as CSC 415.

#### MTH 420 ABSTRACT ALGEBRA I / 3 credits

An introduction to the algebraic structure of the integers and groups, including equivalence relations, subgroups, normal subgroups, homomorphisms, Lagrange's theorem, and Sylow's theorem. Prerequisite: MTH 290 and MTH 330, or permission of instructor.

#### MTH 421 ABSTRACT ALGEBRA II / 3 credits

A continuation of MTH 420, including rings, fields, Galois theory, and solvability by radicals. Prerequisite: MTH 420.

#### MTH 440 ADVANCED CALCULUS I / 3 credits

The real numbers; sequences, compact sets and the Heine-Borel and Bolzano-Weierstrass theorems; limits; continuous, uniformly continuous, differentiable and integrable functions and the fundamental theorem of calculus; series. Prerequisite: MTH 220 and MTH 290.

#### MTH 441 ADVANCED CALCULUS II / 3 credits

A continuation of MTH 440 to multivariate calculus, including sequences and series of functions, uniform convergence and power series; partial derivatives, the Inverse and Implicit Function Theorems; multiple integrals. Prerequisites: MTH 440.

#### MTH 445 SPECIAL TOPICS / 3 credits

This course explores one or more advanced undergraduate topics in mathematics not included in the list of courses in the Catalog. The course name and appropriate prerequisites will be announced well in advance.

#### MTH 447 MATHEMATICS SEMINAR / 1-4 credits

Taken in the senior year, resulting in a paper to be presented to the faculty.

#### MTH 450 INDEPENDENT STUDY / 1-4 credits

Individual work on special topics in mathematics.

## The Music Major

**Professor:** Russell Stinson

**Assistant Professor:** Michael Oriatti

**Part-time Instructor:** Martha Healey

At Lyon College we speak the language of music, endorsing its traditional role in the liberal arts. The Music major is thus rooted in the history and theory of music, as well as in performance. It is well suited to students who wish to pursue graduate study in performance, music education, music theory, or musicology; to potential church musicians; and to students who wish to study music in tandem with other disciplines.

In addition to studying music in the classroom, music majors develop their skills as performers (in voice, piano, organ, or selected instrumental areas) in private les-

sons with a member of the music faculty. A basic level of skill at the piano is expected of all music majors; therefore, a piano proficiency examination must be passed by the senior year. All music majors must also complete a senior project that will culminate in the form of a public recital, lecture-recital, or lecture.

#### *Summary of Requirements for a Major in Music*

MUS 105 The Language of Music*	3 credits
MUS 110 Music Theory	3 credits
MUS 111, 112 Musicianship I & II	3 credits
MUS 205 Advanced Music Theory	3 credits
MUS 311 Medieval and Renaissance Music	3 credits
MUS 320 Baroque and Classical Music	3 credits
MUS 325 Nineteenth- and Twentieth-Century Music	3 credits
Individual Lessons†	6 credits
Ensemble: MUS 120, 130, 135, 140, 145, or 163 (3 semesters)	3-6 credits
Electives in Music (200 level or above)	6 credits
MUS 499 Senior Recital	1 credit
<b>Total</b>	<b>37-40 credits</b>

\* This course may also be used to satisfy Core requirements.

† Three hours of private lessons, not including those the student may wish to take in order to pass the piano proficiency examination, should be taken on one instrument or in voice. Additional private lessons may be taken but may not be considered as music-elective hours.

## **The Music Minor**

The Music minor is a course of study designed as a second field for students wishing to explore interests and develop talents in the area of music.

#### *Summary of Requirements for a Minor in Music*

MUS 105 The Language of Music*	3 credits
MUS 110 Music Theory	3 credits
MUS 111 Musicianship I	1.5 credits
Two courses chosen from:	6 credits
MUS 295 World Music	
MUS 311 Medieval and Renaissance Music	
MUS 320 Baroque and Classical Music	
MUS 325 Nineteenth- and Twentieth-Century Music	
Individual Lessons	2 credits
Ensemble: MUS 120, 130, 135, 140, 145, or 163 (2 semesters)	2-4 credits
<b>Total</b>	<b>17.5-19.5 credits</b>

\* This course may also be used to satisfy Core requirements.

# The Music/Scottish Arts Minor

**Advisor: James Bell**

The Music/Scottish Arts minor is a program of studies for students interested in the music of Scotland, particularly bagpiping. Completion of the course will enable the successful student to gain the knowledge to sit for examinations from the various organizations that administer certification in Scotland.

## *Summary of Requirements for a Minor in Music/Scottish Arts*

MUS 105 The Language of Music*	3 credits
MUS 110 Music Theory	3 credits
MUS 111 Musicianship I	1.5 credits
MUS 163 Pipe Band (four semesters)	4 credits
MUS 263 Ceol Mor I (Classical Bagpipe I)	3 credits
MUS 363 Ceol Mor II (Classical Bagpipe II)	3 credits
MUS 463 Ceol Mor III (Classical Bagpipe III)	3 credits
<b>Total</b>	<b>20.5 credits</b>

\* *This course may also be used to satisfy Core requirements.*

## Music Courses

MUS 105 THE LANGUAGE OF MUSIC / 3 credits

An introduction to the Western musical traditions. Students will begin by surveying the fundamental aspects of musical language, including notation and basic theory, and then proceed to an examination of several compositions, ranging from symphonies and operas to the avant-garde and popular works of the 20th century.

MUS 110 MUSIC THEORY / 3 credits

A study of diatonic harmonic practice, beginning with triads and ending with seventh chords. Other topics will include cadence types, nonharmonic tones, phrase structure, voice leading, and harmonic progression. Prerequisite: MUS 105.

MUS 111 MUSICIANSHIP I / 1.5 credits

An introduction to sight singing, keyboard harmony, and the development of aural skills.

MUS 112 MUSICIANSHIP II / 1.5 credits

Continued study of sight singing, keyboard harmony, and the development of aural skills. Prerequisite: MUS 111.

MUS 114 PIANO CLASS / 1 credit

Designed for students with little or no piano background. Explores basic methodology of keyboard technique, sight-reading and repertoire building. Must be taken with little or no piano experience, as preparation for piano proficiency. May be substituted by the music major for one semester of MUS 151P.

MUS 115 VOICE CLASS / 1 credit

Basic principles of singing for the student with little or no previous vocal training. Can be used

to prepare music majors and nonmajors to take private lessons. May be substituted for one semester of MUS 151V.

**MUS 120 LYON COLLEGE MARCHING BAND / 2 credits**

An ensemble that marches and plays at football games. Smaller pep bands will be drawn from the full ensemble to play at other events. May be repeated for credit.

**MUS 130 LYON COLLEGE CONCERT BAND / 1 credit**

The Concert Band offers training in band literature to all students with abilities on woodwind, brass, or percussion instruments. Performances will be scheduled for appropriate occasions both on and off campus. May be repeated for credit.

**MUS 135 LYON COLLEGE FLUTE CHOIR / 1 credit**

The Flute Choir offers training in flute to all interested students with playing ability. Repertory ranges from classical to popular. Performances will be scheduled for appropriate occasions on and off campus. May be repeated for credit.

**MUS 140 LYON COLLEGE CONCERT CHORALE / 1 credit**

The Concert Chorale performs a wide variety of literature, ranging from larger choral-orchestral works to folksongs and spirituals. The Concert Chorale presents several concerts each year, both on and off campus. The Concert Chorale is open to any interested student who passes a brief audition. May be repeated for credit.

**MUS 145 LYON COLLEGE ORCHESTRA / 1 credit**

This orchestra is open to college and community participation. Utilizes woodwinds, brass, strings, and percussion; literature includes full orchestra and chamber works, with scheduled performances on and off campus. May be repeated for credit.

**MUS 150 BEGINNING GUITAR / 1 credit**

Instruction for beginning students in the fundamentals of guitar playing. Students must provide their own instrument. This course may be taken only once for credit.

**MUS 163 PIPE BAND / 1 credit**

Instruction for beginners and experienced players in the playing of the Great Highland Bagpipe, including applicable music theory. Experienced players may audition to join the performing Pipe Band, which holds weekly practice sessions and performs at numerous public events and competitions throughout the region. The band takes one to two major trips each year. Students without practice chanters must purchase their own. May be repeated for credit.

**MUS 205 ADVANCED MUSIC THEORY / 3 credits**

A study of chromatic harmonic practice, including secondary, borrowed, Neapolitan, and augmented-sixth chords. Other topics will include modulation, counterpoint, and form. A major project will be the composition of a fugue. Prerequisite: MUS 110.

**MUS 263 CEOL MOR I (CLASSICAL BAGPIPE I) / 3 credits**

An introduction to the fundamentals of piobaireachd (the technique and literature of the classical Highland bagpipe). The student can expect to learn all basic embellishments used in ceol mor, as well as the use of cadenceds and simple phrase structures. The student will learn a minimum of one complete tune.

MUS 291 TOPICS IN MUSIC HISTORY / 3 credits

An examination of a major composer, genre, or repertoire, from a historical perspective.

MUS 292 TOPICS IN MUSIC THEORY / 3 credits

An examination of a major composer or a group of works defined by genre or repertoire, from a theoretical perspective. Topics may also include particular analytical methods or the history of music theory.

MUS 293 TOPICS IN PERFORMANCE PRACTICE / 3 credits

An examination of a particular aspect of applied music studies, including historical performance practices.

MUS 295 WORLD MUSIC / 3 credits

A survey of the music of the world's peoples in its social context, including the Americas, Africa, Europe, Indonesia, India, and Asia.

MUS 296 BACH'S GERMANY / 3 credits

An investigation of four cities (Berlin, Dresden, Leipzig, and Weimar) where the composer J.S. Bach lived and worked. Special emphasis will be placed on compositions written by Bach in each of these locales. (Same as HST 296)

MUS 311 MEDIEVAL AND RENAISSANCE MUSIC / 3 credits

A study of the history and literature of the music of the Medieval and Renaissance eras. Prerequisite: MUS 105.

MUS 320 BAROQUE AND CLASSICAL MUSIC / 3 credits

A study of the history and literature of the music of the Baroque and Classical eras. Prerequisite: MUS 105.

MUS 325 NINETEENTH- AND TWENTIETH-CENTURY MUSIC / 3 credits

A study of the history and literature of the music of the nineteenth and twentieth centuries. Prerequisite: MUS 105.

MUS 330 HYMNODY / 3 credits

A survey of Christian hymnody and its role in worship from the first century of Christianity to the present, incorporating the study of selected texts, tunes, authors, and composers.

MUS 363 CEOL MOR II (CLASSICAL BAGPIPE II) / 3 credits

A continuation of MUS 263, to include a comparison of the various canntaireachd sources. There will be further study of phrase structures and the various advanced embellishments. The student can expect to learn additional tunes. Prerequisite: MUS 263.

MUS 399 MUSIC INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit

Studies of varying topics in music, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.

MUS 420 CONDUCTING / 3 credits

Conducting techniques for the music major including score reading, rehearsal techniques and performance practices.



MUS 425 METHODS AND MATERIALS IN TEACHING MUSIC / 3 credits  
Intended for music majors who are working toward public-school certification in music.

MUS 430 CHURCH MUSIC / 3 credits

A course designed to develop the variety of skills required of the church musician, including service playing and anthem accompaniment, console conducting, the planning and selection of music for worship, and the development of a church music program.

MUS 431 VOCAL PEDAGOGY / 3 credits

This course presents the materials for and the methods of singing. It is designed for prospective teachers of singing. Prerequisite: MUS 351V.

MUS 432 INSTRUMENTAL PEDAGOGY / 3 credits

This course presents the materials for and the methods of working with students of orchestral instruments. It is designed for prospective teachers of orchestral instruments. Prerequisite: MUS 351I.

MUS 433 KEYBOARD PEDAGOGY / 3 credits

This course presents the materials for and the methods of working with keyboard instruments. It is designed for prospective teachers of keyboard instruments. Prerequisite: MUS 351O or 351P.

MUS 450 INDEPENDENT STUDY / 1-3 credits

Directed individual study in an area accepted for professional growth.

MUS 463 CEOL MOR III (CLASSICAL BAGPIPE III) / 3 credits

This is an involved course of study that includes the various accepted styles of the current year's Silver Medal tunes, and learning how to interpret the music for yourself based on accepted fundamentals of ceol mor. (Prerequisite: 363)

MUS 499 SENIOR RECITAL / 1 credit

A capstone experience for the music major, consisting of a project culminating in the form of a public recital, lecture recital or lecture of a musicological nature. Prerequisite: MUS 351V, 351O, 351I, or 351P and permission of the instructor.

### ***Music: Instrumental***

MUS 151I, 152I FIRST YEAR INSTRUMENT, INDIVIDUAL LESSONS / 1-2 credits

(By permission of instructor only)

MUS 251I, 252I SECOND YEAR INSTRUMENT, INDIVIDUAL LESSONS / 1-2 credits

(By permission of instructor only)

MUS 351I, 352I THIRD YEAR INSTRUMENT, INDIVIDUAL LESSONS / 1-2 credits

(By permission of instructor only)

MUS 451I, 452I FOURTH YEAR INSTRUMENT, INDIVIDUAL LESSONS / 1-2 credits

(By permission of instructor only)

### ***Music: Piano***

MUS 151P, 152P FIRST YEAR PIANO, INDIVIDUAL LESSONS / 1-2 credits

(By permission of instructor only)

MUS 251P, 252P SECOND YEAR PIANO, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 351P, 352P THIRD YEAR PIANO, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 451P, 452P FOURTH YEAR PIANO, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

### ***Music: Organ***

MUS 151O, 152O FIRST YEAR ORGAN, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 251O, 252O SECOND YEAR ORGAN, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 351O, 352O THIRD YEAR ORGAN, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 451O, 452O FOURTH YEAR ORGAN, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

### ***Music: Voice***

MUS 151V, 152V FIRST YEAR VOICE, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 251V, 252V SECOND YEAR VOICE, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 351V, 352V THIRD YEAR VOICE, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

MUS 451V, 452V FOURTH YEAR VOICE, INDIVIDUAL LESSONS / 1-2 credits  
(By permission of instructor only)

## **Physical Education Minor**

**Director: Julie Church**

Physical education is the study of the effects of physical activity on mental and physical health. Course work in the minor covers current research as well as practical application. The requirements of the minor in physical education are:

PED 201 Health and Wellness .....3 credits  
PED 207 First Aid and Care of Athletic Injuries .....3 credits  
PED 301 History and Principles .....3 credits

PED 302 Kinesiology .....	3 credits
PED 203 Theory of Coaching	
or	
PED 303 Organization and Administration	
or	
PED 382 Special Topic in Exercise Science .....	3 credits
PED 309 Motor Learning and Control .....	3 credits
<b>Total .....</b>	<b>18 credits</b>

## Physical Education Courses

PED 101 PHYSICAL FITNESS / 1 credit

This course introduces the student to the concepts of physical fitness and the means to embody them in a lifelong setting.

PED 102 BASIC SWIMMING (non-swimmers only) / 1 credit

Basic techniques and skills of swimming and diving.

PED 103 VOLLEYBALL AND TABLE TENNIS / 1 credit

Instruction, rules, strategy, and practice in the fundamentals of volleyball and table tennis

PED 104 BEGINNING TABLE TENNIS / 1 credit

Instruction, rules, strategy, and practice in the fundamentals of table tennis.

PED 108 ARCHERY AND BOWLING / 1 credit

Fundamental skills, strategy, rules, scoring, and practice in archery and bowling.

PED 109 BEGINNING TENNIS / 1 credit

Instruction, rules, and practice in the fundamentals of tennis.

PED 110 TENNIS AND BADMINTON / 1 credit

Fundamental strokes, strategy, rules, scoring, and practice in tennis and badminton.

PED 111 AEROBIC DANCE / 1 credit

Introduction of movement routines for developing and maintaining cardiorespiratory endurance.

PED 112 BEGINNING SWIMMING / 1 credit

Basic techniques and instructions of swimming.

PED 113 BODY SHAPING / 1 credit

Continuation of the Fundamentals of physical fitness including aerobic conditioning and weight training.

PED 114 YOGA / 1 credit

This course introduces fundamental theories and practices of Hatha Yoga. The main focus will be Asanas (the physical postures) of Yoga provided as a tool toward improving the individual's overall postural alignment which allows the body and all its systems to function more effi-

ciently and become more resilient. The practice of Yoga offers lifelong tools to increase self-awareness, strength, flexibility, endurance, and balance within the body all while reducing stress, as well as increasing Kinesthetic intelligence.

**PED 115 BEGINNING SCOTTISH HIGHLAND DANCE / 1 credit**

Traditional dances, Sword Dance, and Highland Fling.

**PED 116 INTERMEDIATE SWIMMING / 1 credit**

Instruction and practice in all basic swimming strokes and water safety.

**PED 117 VARSITY CHEERLEADING / 1 credit per year**

Designed for prospective and active cheerleaders and prospective cheerleader sponsors. Cheerleading, administrative organization, selection, practice of fundamentals of cheering. One-half credit each semester.

**PED 119 BASIC GOLF / 1 credit**

Basic instruction in all phases of play, emphasizing rules and etiquette to promote golf as a lifetime sport.

**PED 120 TAI CHI CHIH / 1 credit**

This course provides an introduction to both the theory and practice of Tai Chi Chih. Tai Chi Chih is a non-competitive, non-martial arts form of movement that promotes physical strength and balance, and at the same time enhances focus, concentration and emotional wellness. It is also an excellent program for relieving stress. It is appropriate for all ages and abilities, and can be easily adapted for those with physical disabilities or limitations.

**PED 122 FUNDAMENTALS OF DANCE / 1 credit**

Students learn form, position, muscle control, flexibility and the basic movements to bring them to a level that will enable them to enjoy and develop a love for the art of dance (same as THE 122)

**PED 124 THE BIGGEST WINNER / 0 credits**

This course will prepare the student, with a BMI greater than 25, to achieve and maintain a healthy body weight for life. The class explores sound nutrition and weight management principles, and identification and use of appropriate weight management tools. Weekly weigh-ins will be required. The class may be repeated, as needed, to reach optimal BMI.

**PED 126 BACKPACKING / 1 credit**

This course is designed to teach you about the basics of backpacking. It will focus on appropriate gear, trip planning and logistics, course materials and competence in basic backpacking skills.

**PED 130 - 430 VARSITY SPORTS**

PED 130A, 130B, 230A, 230B, 330A, 330B, 430A, 430B: Participation in a varsity sport for a full season. "A" courses are 0-credit courses. "B" courses are 1 credit courses. Must be taken pass/fail.

**PED 201 HEALTH AND WELLNESS / 3 credits**

Provides students with necessary information, opportunities and strategies needed to obtain lifetime wellness.

**PED 203 THEORY OF COACHING / 3 credits**

A study of contest management, schedule planning, and effective coaching of individual and team sports.

**PED 207 FIRST AID AND CARE OF ATHLETIC INJURIES / 3 credits**

Presents student trainer instruction and orientation in prevention and care of common athletic injuries.

**PED 282 TOPICS IN DANCE / 1 credit**

A continuation of principles taught in Fundamentals of Dance giving the student an in depth view of a variety of dance forms such as ballet, tap, jazz, lyrical, modern, and musical theatre dance while fine tuning the body, building cardio-vascular health and giving each participant a sense of well being. Prerequisite: THE 122 or PED 122 or permission of instructor. (Same as THE 282)

**PED 301 HISTORY AND PRINCIPLES / 3 credits**

History, philosophy, aims, current problems, and fundamental principles of physical education.

**PED 302 KINESIOLOGY / 3 credits**

The study of the muscular-skeletal system of the human body and the mechanics of human motion, and its application to physical activities.

**PED 303 ORGANIZATION AND ADMINISTRATION / 3 credits**

Problems relative to the organization and administration of a physical education program in the public schools.

**PED 307 METHODS FOR SECONDARY SCHOOLS / 3 credits**

Methods, materials and activities for a program of physical education in the secondary schools.

**PED 309 MOTOR LEARNING / 3 credits**

Provides students with knowledge of various factors that may affect learning and performance of human movement activities.

**PED 310 SELF-DESIGNED WELLNESS PROGRAM / 0 credit**

An individualized wellness approach to fitness. This will satisfy the physical education Core requirement for juniors.

**PED 320 INTRAMURAL PROGRAM / 0 credit**

Participation in selected activities in the Intramural program. This will satisfy the physical education Core requirement for juniors.

**PED 341 VARSITY CHEERLEADING / 0 credit**

Participation in a cheerleading activities for a full season. This will satisfy the physical education Core requirement for juniors.

**PED 410 SELF-DESIGNED WELLNESS PROGRAM / 0 credit**

An individualized wellness approach to fitness. This will satisfy the physical education Core requirement for seniors.

PED 420 INTRAMURAL PROGRAM / 0 credit  
Participation in selected activities in the Intramural program. This will satisfy the physical education Core requirement for seniors.

PED 440 VARSITY CHEERLEADING / 0 credit  
Participation in a cheerleading activities for a full season. This will satisfy the physical education Core requirement for seniors.

## The Physics Minor

**Associate Professor: Stuart Hutton**

The Physics minor is a course of study designed as a second field for students who wish to develop a deeper understanding of Physics.

*Summary of Requirements for a Minor in Physics*

MTH 210, 220 Calculus I* & II	8 credits
PHY 210/211 General Physics I*	
OR PHY 240/241 Fundamentals of Physics I*	4 credits
PHY 220/221 General Physics II	
OR PHY 250/251 Fundamentals of Physics II	4 credits
PHY 335 Modern Physics	3 credits
Additional 300 or 400 level Physics courses	4 credits
<b>Total</b>	<b>23 credits</b>

*\* This course may also be used to satisfy Core requirements.*

## Physics Courses

PHY 210 GENERAL PHYSICS I / 3 credits  
Newtonian mechanics, sound propagation, heat transfer, and thermodynamics using algebra and trigonometry. Prerequisite: MTH 110 or permission of instructor.

PHY 211 GENERAL PHYSICS I LABORATORY / 1 credit  
Experimental techniques for Physics I. Corequisite: PHY 210.

PHY 220 GENERAL PHYSICS II / 3 credits  
Study of electricity, magnetism, light and optics using algebra and trigonometry. Prerequisite: PHY 210.

PHY 221 GENERAL PHYSICS II LABORATORY / 1 credit  
Experimental techniques for Physics II. Corequisite: PHY 220.

PHY 235 INTRODUCTION TO DIGITAL LOGIC / 3 credits  
An introduction to digital electronic circuits and techniques. Boolean Algebra, digital logic gates, registers, automata theory, and integrated circuits. Same as CSC 245. Prerequisite: MTH 115.

**PHY 240 FUNDAMENTALS OF PHYSICS I / 3 credits**

Principles of Newtonian mechanics, sound propagation, heat transfer, and thermodynamics employing differential and integral calculus. Prerequisite: MTH 210 or permission of instructor.

**PHY 241 FUNDAMENTALS OF PHYSICS I LABORATORY / 1 credit**

Experimental techniques for Fundamentals of Physics I. Corequisite: PHY 240.

**PHY 250 FUNDAMENTALS OF PHYSICS II / 3 credits**

Study of the basic principles of electromagnetism, light propagation, optics employing differential and integral calculus. Prerequisite: MTH 220 and either PHY 210 or PHY 240 or permission of instructor.

**PHY 251 FUNDAMENTALS OF PHYSICS II LABORATORY / 1 credit**

Experimental techniques for Fundamentals of Physics II. Corequisite PHY 250.

**PHY 282 SPECIAL TOPICS IN PHYSICS / 3 credits**

Study of selected topics in physics. Prerequisites will vary.

**PHY 321 INDEPENDENT STUDY / 1-3 credits**

Directed study on an individual basis covering topics from advanced physics. Prerequisite: PHY 210/240, PHY 220/250 and permission of the instructor. Course may be repeated for up to 3 credits.

**PHY 335 MODERN PHYSICS / 3 credits**

Topics in Modern Physics including relativity, elementary particles, quantum mechanics, wave and particle theories, and spectra. Prerequisite: PHY 220 or PHY 250 or permission of instructor.

**PHY 382 SPECIAL TOPICS IN PHYSICS / 3 credits**

Study of selected topics in physics. Prerequisites will vary.

**PHY 390 SEMINAR IN PHYSICS / 1 credit**

Students research areas from advanced physics and deliver oral presentations supported by a formal paper. Prerequisite: MTH 220 and either PHY 220 or PHY 250 or permission of instructor. Course may be repeated for credit once.

## **The Political Science Major**

**Professors:** Bradley Gitz, Scott Roulier, Donald Weatherman

**Assistant Professor:** Jaeyun Sung

Political Science is the study of political systems and the ideas that bring them into being, transform them, and sustain them. Students in the Political Science program at Lyon College examine such enduring concepts as freedom, justice, equality, order, and power; explore the practical and ethical dimensions of contemporary issues; and compare political systems throughout the world. The study of political science provides students with a deeper understanding of the nature and responsibility

ties of citizenship and builds a strong foundation for a range of careers and professions, including public service.

#### *Summary of Requirements for a Major in Political Science*

POL 105 The American Experience*	3 credits
POL 201 Comparative Politics	3 credits
POL 205 World Politics	3 credits
POL 220 Introduction to Research Methods in Political Science	3 credits
POL 351 Ancient Political Philosophy	
OR POL 353 Modern Political Philosophy	
OR POL 347 American Political Thought	3 credits
POL 455 Senior seminar	3 credits
Five additional political science courses	15 credits
ECO 101 Principles of Economics*	3 credits
<b>Total</b>	<b>36 credits</b>

\* This course may also be used to satisfy Core requirements.

## The Political Science Minor

The Political Science minor is designed for those students who wish to supplement their major field of study with some valuable political knowledge.

#### *Summary of Requirements for a Minor in Political Science*

Seven courses in Political Science .....21 credits  
*(These courses must be selected from at least two of the Political Science subfields: American government, comparative politics, international relations, and political philosophy. At least four of these courses must be at the 300 level or above.)*

## Political Science Courses

POL 105 THE AMERICAN EXPERIENCE / 3 credits

The American Experience is designed to introduce all first-year students to the main institutions and ideas in the American political tradition in order to enhance their ability to perform the duties of citizenship within that tradition.

POL 201 COMPARATIVE POLITICS / 3 credits

A survey of governments and politics in the industrialized and developing nations. The course examines what it means to compare political systems and explores the ideological foundations, political institutions, and political performance of governments in Europe, Asia, Latin America, and the Middle East.

POL 205 WORLD POLITICS / 3 credits

This course reviews the main issues and problems confronted by nation-states as they interact with each other in the international system. Peace and war, integration and disintegration, and the nature of foreign policy formulation will be among the issues dealt with.



**POL 206 MODEL UNITED NATIONS / 1 credit**

Study of the structures and procedures of the United Nations in preparation for student participation at intercollegiate Model United Nations conferences. Students will be expected to become familiar with both the United Nations as an institution and the policies of the countries they will be representing. Approval of the instructor is required for enrollment.

**POL 210 INTRODUCTION TO LEGAL STUDIES / 3 credits**

This course is designed to provide a general introduction to the study of law. Students will gain a working knowledge of criminal and civil procedure; learn about the state and federal court systems; read and analyze court opinions; and participate in an appellate simulation. In addition, this course will include modules on the philosophy of law and sociology of law. In short, this course will offer students a broad liberal arts perspective on the important role law plays in our society.

**POL 220 INTRODUCTION TO RESEARCH METHODS IN POLITICAL SCIENCE / 3 credits**

This course introduces students to the basic empirical research design and quantitative methodologies for testing theories in political science. Students gain statistical techniques for analyzing large datasets and exposure to the empirical political science literatures. Prerequisite: POL 105 or permission of instructor.

**POL 250 POLITICAL ISSUES AND PUBLIC POLICY / 3 credits**

The study of significant issues in public policy. Emphasis will be placed on the ability to address those issues from different philosophical and ideological perspectives.

**POL 288 POLITICAL PARTIES, CAMPAIGNS & ELECTIONS / 3 credits**

A study of the nature, organization, and operations of American political parties in government and in the electoral process. We will examine different types of elections and how campaign strategies differ depending on the type of election and the political environment. Prerequisite: POL 101.

**POL 297 INTERNATIONAL CONFLICT / 3 credits**

Analysis of the phenomena of war and conflict between nation-states. Explores various explanations for war and evaluates these through examination of various conflicts in the twentieth century. Methods for limiting conflict will also be assessed. Prerequisite: POL 205.

**POL 302 ARKANSAS STATE AND LOCAL GOVERNMENT / 3 credits**

General features of state constitutions, powers of governors, state legislative structure and processes, state judicial systems and structure and form of municipal and county governments. Emphasis on Arkansas government.

**POL 315 U.S. FOREIGN AND SECURITY POLICY / 3 credits**

Covers the evolution of U.S. foreign and security policy with particular attention to the Cold War and post-Cold War eras. The policy-making process, including the role of public opinion, the mass media, and Congress, will also be covered. Prerequisite: POL 205 or permission of instructor (Same as HIS 315).

**POL 346 INTERNATIONAL LAW AND ORGANIZATIONS / 3 credits**

An introduction to the basic principles of public international law in such areas as the rules of war, the law of the Seas, and human rights; and a survey of the related functions of the United Nations. Prerequisite: POL 205.

**POL 349 THE GERMAN POLITICAL AND CULTURAL TRADITION / 3 credits**

This course will consider the development of German political ideas and the evolution of German constitutional arrangements from the Reformation to the present. In addition to the Sonderweg thesis – which seeks to explain and understand Germany's historical embrace of authoritarian political institutions – the course will also explore the rich German liberal and democratic tradition. In order to comprehend the complexity of German political thought, students will study the artifacts and writings of artists, philosophers, filmmakers, and poets, as well as historians and politicians. Prerequisite: HIS 202 or RPH 202. (Same as HIS 349).

**POL 351 ANCIENT POLITICAL PHILOSOPHY / 3 credits**

This course is designed to allow students to work with those political thinkers who started the Western political tradition. Concentrating on original sources, the class considers the origin of political philosophy in selected works by such authors as Xenophon, Plato, and Aristotle. (Same as RPH 351).

**POL 353 MODERN POLITICAL PHILOSOPHY / 3 credits**

A study of some major political thinkers such as Machiavelli, Locke, Rousseau, Hume, and Marx. Concentration will be on selected works and topics that have influenced contemporary politics. (Same as RPH 353).

**POL 358 MODERN RUSSIA / 3 credits**

The transformation of Russia in the 20th century, with special attention to the factors leading to the collapse of communism in the Gorbachev era and to the efforts to establish democratic institutions in the region thereafter. Prerequisite: POL 201, or permission of instructor. (Same as HIS 358).

**POL 368 ASIAN POLITICS / 3 credits**

A comparative survey of government and governmental institutions in Asia. Particular emphasis will be placed on identifying key political, economic, and social trends affecting the region.

**POL 370 POLITICAL ECONOMY OF PUBLIC ISSUES / 3 credits**

Each year topics of current public debate and interest in which both governmental and economic forces and interests are joined are used as the basis for discussion and for student research. Students present their research to the class and write a major paper. Prerequisite: ECO 102 or consent of instructor. (Same as ECO 370).

**POL 371 THE MIDDLE EAST / 3 credits**

A survey of the Middle East from the rise of Islam to the present day. Major emphasis will be placed upon the development of Islamic society and culture. The impact and influence of the West will also be considered. Particular attention will be given to the rise of nationalism, the Arab-Israeli Conflict, and the development of Islamic fundamentalism. Prerequisite: HIS 201 and 202 or permission of instructor. (Same as HIS 371).

**POL 380 CIVIL LIBERTIES / 3 credits**

This course examines the civil rights and liberties guaranteed by the Bill of Rights. Special attention will be given to the study of criminal defendants' rights (the Fourth, Fifth, and Sixth Amendments), freedom of speech and religion (First Amendment), equal protection (Fourteenth Amendment) and the right to privacy.

- POL 382 SPECIAL TOPICS IN POLITICAL SCIENCE / 3 credits  
Study of selected topics in political science. Prerequisites will vary.
- POL 399 POLITICAL SCIENCE INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit  
Studies of varying topics in political science, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.
- POL 450 DIRECTED STUDY / 3 credits  
Concentrated study in one or more areas of government.
- POL 455 SENIOR SEMINAR / 3 credits
- POL 460 PRACTICUM IN POLITICS / variable credit

## The Psychology Major

**Assistant Professors:** Lora Adair, Rose Danek, Jennifer Daniels, and Nikki Yonts

Psychology, the study of behavior and mental processes, is a social, behavioral, and human science. The Psychology major at Lyon introduces students to the empirical study of human and animal behavior and such diverse mental faculties and processes as perception, memory, intelligence, problem solving, and decision making. Students are also introduced to a wide range of current professional issues and responsibilities regarding both the academic discipline and the applied profession of psychology.

Psychology students develop an understanding of the social, psychological, and biological causes of behavior and an understanding of the effects of these factors on a variety of psychological phenomena, including interpersonal relationships, human growth and development, learning, personality, and abnormal behavior. They become skilled researchers and wise consumers of scientific psychological research. In addition, they are introduced to the application of basic psychological principles in a variety of endeavors, including counseling and other areas of clinical psychology and education. Psychology majors interested in applied aspects of the discipline may gain practical experience in the field through a supervised practicum in the junior or senior year.

The major is designed to prepare students for graduate study in psychology and related fields. A background in psychology is also appropriate and valuable for students planning to enter such professions as business, education, law, medicine, social work, and the ministry.

### *Summary of Requirements for a Major in Psychology*

- PSY 101 Introduction to Psychology\* .....3 credits
- PSY 220 Psychology of Women and Gender
- OR PSY 225 Social Psychology .....3 credits
- PSY 235 Statistics for the Behavioral Sciences .....3 credits

PSY 240 Introduction to Research Methods . . . . .	3 credits
PSY 290 Human Development	
<b>OR</b> PSY 310 Child and Adolescent Development	
<b>OR</b> PSY 345 Human Sexuality Across the Lifespan . . . . .	3 credits
PSY 318 Biological Psychology	
<b>OR</b> PSY 335 Abnormal Psychology . . . . .	3 credits
PSY 332 History and Systems . . . . .	3 credits
PSY 338 Personality Psychology	
<b>OR</b> PSY 339 Learning and Cognition . . . . .	3 credits
PSY 340 Intermediate Research Methods . . . . .	3 credits
PSY 382 Topics in Psychology . . . . .	3 credits
PSY 443 Senior Internship	
<b>OR</b> PSY 485 Senior Thesis . . . . .	3 credits
Two 300-level or higher psychology courses . . . . .	6 credits
<b>Total</b> . . . . .	<b>39 credits</b>

*\* This course may also be used to satisfy Core requirements.*

## The Psychology Minor

The Psychology minor is a course of study designed as a second field for students who wish to develop an understanding of the scientific study of behavior and the mind.

### *Summary of Requirements for a Minor in Psychology*

PSY 101 Introduction to Psychology* . . . . .	3 credits
PSY 220 Psychology of Women and Gender	
<b>OR</b> PSY 225 Social Psychology . . . . .	3 credits
PSY 290 Human Growth and Development	
<b>OR</b> PSY 310 Child and Adolescent Development	
<b>OR</b> PSY 345 Human Sexuality Across the Lifespan . . . . .	3 credits
PSY 382 Topics in Psychology . . . . .	3 credits
Two 300-level or higher psychology courses . . . . .	6 credits
<b>Total</b> . . . . .	<b>18 credits</b>

*\* This course may also be used to satisfy Core requirements.*

## Psychology Courses

PSY 101 INTRODUCTION TO PSYCHOLOGY / 3 credits

An overview of the scientific study of behavior, its causes, prediction and control.

PSY 182 TOPICS IN PSYCHOLOGY / 3 credits

Examination of selected area of psychological research or applied psychology. Prerequisite: PSY 101.

**PSY 220 PSYCHOLOGY OF WOMEN AND GENDER / 3 credits**

A survey of theory and research on the meaning of gender and its impact on women's development.

**PSY 225 SOCIAL PSYCHOLOGY / 3 credits**

A holistic approach to the study of individuals interacting with other individuals and groups within social, psychological, and cultural environments. Prerequisite: PSY 101.

**PSY 235 STATISTICS FOR THE BEHAVIORAL SCIENCES / 3 credits**

This course introduces students to descriptive and inferential techniques for analyzing research data. Topics covered include central tendency, variability, distributions, Z-scores, analysis of variance, correlation, regression, and nonparametric tests of significance. Prerequisite: MTH 101.

**PSY 240 INTRODUCTION TO RESEARCH METHODS / 3 credits**

A study of research methods in the behavioral sciences. Students are introduced to basic design and practical procedures in carrying out research, as well as ethical considerations in gathering data. Prerequisites: PSY 235.

**PSY 290 HUMAN DEVELOPMENT / 3 credits**

A study of the physical, cognitive, emotional, and social development of the individual from birth through adulthood. Prerequisite: PSY 101. (Same as EDU 290).

**PSY 310 CHILD AND ADOLESCENT DEVELOPMENT / 3 credits**

This course examines the development processes from conception through adolescence. Topics will include physical, cognitive, social, and personality development, from the perspective of the major theories of the field. In addition, we will focus on cultural and educational issues that arise from the study of the development of children and adolescents. Prerequisites: PSY 101.

**PSY 318 BIOLOGICAL PSYCHOLOGY / 3 credits**

An examination of the underlying brain mechanisms responsible for behavior. Topics include research methods used to study the brain, functional organization of the nervous system, properties of neurons, sensory and motor systems, and neural mechanisms related to memory, language, emotion, and intelligence. Prerequisite: PSY 101.

**PSY 332 HISTORY AND SYSTEMS OF PSYCHOLOGY / 3 credits**

A study of the evolution of modern psychology from its origins in philosophy and natural science to contemporary thought in psychology. Prerequisite: PSY 101.

**PSY 335 ABNORMAL PSYCHOLOGY / 3 credits**

Examination of the definition and etiology of major types of psychological disorders from the perspective of several psychological theories. Attention is given to their diagnosis, assessment, treatment and related ethical concerns. Prerequisite: PSY 101.

**PSY 338 PERSONALITY PSYCHOLOGY / 3 credits**

A study of contemporary theory, research and assessment in personality. Prerequisite: PSY 101.

**PSY 339 LEARNING AND COGNITION / 3 credits**

Examination of the major theories of learning and cognition. The course will identify a vari-

ety of research tools useful in understanding thinking, learning, and teaching. Prerequisite: PSY 101.

#### PSY 340 INTERMEDIATE RESEARCH METHODS / 3 credits

This course builds upon the statistical concepts acquired in Statistics and experimental methods acquired in Introduction to Research Methods. It provides psychology students with advanced tools needed to engage in and to evaluate research specific to the social sciences. Specifically, students will design and collect data using a variety of research methods and will analyze data employing advanced statistical analysis. Prerequisites: PSY 235, 240.

#### PSY 345 HUMAN SEXUALITY ACROSS THE LIFESPAN / 3 credits

This course will examine human sexuality from psychological, biological, behavioral, social, and historical perspectives. Prerequisite: PSY 101.

#### PSY 382 TOPICS IN PSYCHOLOGY / 3 credits

Examination of selected area of psychological research or applied psychology. Prerequisite: PSY 101.

PSY 399 PSYCHOLOGY INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit  
Studies of varying topics in psychology, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.

#### PSY 410 PSYCHOLOGICAL TESTING / 3 credits

A study of the nature and theory of individual and group tests of intelligence, personality, interests and attitudes. Prerequisite: PSY 235, PSY 240.

#### PSY 443 SENIOR INTERNSHIP / 3 credits

This course is designed to be a capstone course in the major. Psychology majors will gain field experience through direct, supervised contact with professionals in psychology and related fields. In addition to on-site responsibilities, students will write a comprehensive paper integrating the field experience and psychological theory and formally present the paper in an open forum. Prerequisites and/or corequisites: PSY 235, PSY 240, PSY 332, PSY 340 and permission of instructor.

#### PSY 450 INDEPENDENT STUDY / variable credit

A study of selected topics in Psychology. Prerequisites: Permission of instructor and junior or senior standing.

#### PSY 485 SENIOR THESIS / 3 credits

This course is designed to be a capstone course in the major. Students will design and conduct individual research projects that may be suitable for submission to journals or presentations at conferences. The course is seminar based, whereby students are guided through the research process on a topic of their choice, designing a study, gathering and analyzing data, and writing the results in an APA-formatted research report. Prerequisites and/or corequisites: PSY 235, PSY 240, PSY 340, and permission of instructor.

#### PSY 486 SENIOR THESIS II / 3 credits

This course allows students to continue to work on research they have begun in Senior Thesis. Prerequisite: PSY 485 and permission of instructor.

# The Religion and Philosophy Major

**Professors: Paul Bube and Martha Beck**

What does it mean to be human? What sort of society is just? How do we justify our values? Because they deal with such fundamental questions as these, the fields of religion and philosophy have always been central to liberal education. The Religion and Philosophy major at Lyon College involves students in the rich tradition of philosophical and theological thought. Because it combines rigor and clarity of thought and expression with concern for all aspects of the human condition, the study of religion and philosophy also provides a strong foundation for a range of professions.

## *Summary of Requirements for a Major in Religion and Philosophy*

### A. Students can receive a general RPH major

RPH majors are required to take 4 of the 8 courses listed below.

RPH 110 Old Testament*	3 credits
RPH 120 New Testament*	3 credits
RPH 130 Introduction to Christian Theology*	3 credits
RPH 140 Introduction to World Philosophies*	3 credits
RPH 150 World Religions*	3 credits
RPH 201 The Western Intellectual Tradition I*	3 credits
RPH 202 The Western Intellectual Tradition II*	3 credits
RPH 306 Logic	3 credits
Seven additional courses in religion and philosophy	21 credits
RPH 480 Advanced Seminar	3 credits
<b>Total</b>	<b>36 credits</b>

*\* This course may also be used to satisfy Core requirements.*

### B. Students can choose one of three tracks:

#### I. RPH major with a track in Religion:

A. 4 of the first 8 courses above (same as general RPH major)

#### B. Seven courses from the following

RPH 205: Introduction to Ethics

RPH 320: Christian Ethics

RPH 325: Jesus and the Gospels

HIS/RPH 329: The Early Church

HIS/RPH 331: The Middle Ages

RPH 340: Philosophy of Religion

HIS/RPH 354: The Byzantine Empire

HIS 355/RPH 358: The Reformation

RPH 365: Topics in Religion

RPH 399: International Travel Course

RPH 450: Independent Study

- RPH 460: Practicum
- C. RPH 480: Advanced Seminar
- II. RPH major with a track in Philosophy
  - A. 4 of the first 8 courses above (same as general RPH major)
  - B. Seven courses from the following
    - RPH 350: Business and Professional Ethics
    - EDU/RPH 333: Philosophy of Education
    - RPH 306 Logic
    - RPH 310: Philosophy of Art
    - RPH 315: Feminist Thought
    - POL/RPH 351: Ancient Political Philosophy
    - POL/RPH 353: Modern Political Philosophy
    - RPH 362: Environmental Ethics
    - RPH 370: Topics in Philosophy
    - RPH 410: Virtue Ethics
    - RPH 415: Plato Seminar
    - RPH 450: Independent Study
    - RPH 460: Practicum
  - C. RPH 480 Advanced Seminar
- III. RPH major with a track in Ethics
  - A. Four of the first eight courses listed above (same as general RPH major)
  - B. Seven courses from the following:
    - RPH 205: Introduction to Ethics
    - RPH 306: Logic
    - RPH 350: Business and Professional Ethics
    - RPH 315: Feminist Ethics
    - RPH 320: Christian Ethics
    - RPH 362: Environmental Ethics
    - RPH 450: Independent Study
    - RPH 460: Practicum
  - C. RPH 480: Advanced Seminar

## The Religion and Philosophy Minor

The Religion and Philosophy minor is a body of courses designed as a second field for students who wish to develop their skills of thought and expression and their understanding of the human experience through an exploration of philosophical and theological thought.

*Summary of Requirements for a Minor in Religion and Philosophy*

Six RPH courses, at least three at the 300 level or above .....18 credits.



# Religion and Philosophy Courses

## RPH 110 OLD TESTAMENT / 3 credits

Introduction to critical and interpretive methods in the study of the Old Testament.

## RPH 120 NEW TESTAMENT / 3 credits

Introduction to critical and interpretive methods in the study of the New Testament.

## RPH 130 INTRODUCTION TO CHRISTIAN THEOLOGY / 3 credits

Basic beliefs and forms of the Christian religion.

## RPH 140 INTRODUCTION TO WORLD PHILOSOPHIES / 3 credits

Philosophical problems, methods, and values as they have developed in various world cultures, with a comparison between western and non-western world views such as Hinduism, Buddhism, and Confucianism. Emphasis is given to the ways different world views affect international relations today.

## RPH 150 WORLD RELIGIONS / 3 credits

This course will provide a survey of several major living religions, including Hinduism, Buddhism, Taoism, Confucianism, Shinto, Judaism, and Islam. Each religion will be studied in terms of its social, cultural, historical, ritual, and symbolic experiences.

## RPH 201, 202 THE WESTERN INTELLECTUAL TRADITION I & II / 3 credits each

An introduction to some of the "Great Books" of Western philosophy and theology. The first semester will include authors such as Plato, Aristotle, Augustine, Aquinas, Luther and Machiavelli. The second semester will include all or some of the following: John Locke, Thomas Hobbes, J. S. Mill, Karl Marx, J-J Rousseau, David Hume and Immanuel Kant.

## RPH 205 INTRODUCTION TO ETHICS / 3 credits

This is a course in philosophical and religious ethics. The course provides students with an understanding of the place of ethics within philosophy and religion, major ethical theories, and how ethical theories can be applied to contemporary issues, such as abortion, homosexuality, capital punishment, the environment and euthanasia.

## RPH 306 LOGIC / 3 credits

The study and practice of the basic skills of critical thinking. Deductive, inductive, analogical, cause-effect, statistical analysis and normative argument will be discussed.

## RPH 310 PHILOSOPHY OF ART / 3 credits

Readings from western and some non-western texts on the nature of art, the central questions to be discussed will be: What is art? What is beauty? What is creativity? What is the relation between a work of art and the artist? The audience? The critic? What is the relation between art and politics? Ethics? Education? Psychology? Religion? Reason? Faith? What makes an experience an aesthetic experience? Issues of race, gender, multiculturalism, and the natural environment will be discussed. Prerequisites: RPH 201 or 202.

## RPH 315 FEMINIST THOUGHT / 3 credits

An examination of patriarchy (male domination) as it has manifested itself in western and non-western societies. The course will examine definitions and patterns of behavior in cultural views of masculinity, femininity, marriage, family, and education. The course will also

examine patterns of behavior in artistic, economic, political, and social communities throughout the world.

**RPH 320 CHRISTIAN ETHICS / 3 credits**

A study of the basic approaches and principles of Christian ethics, with special attention to the ethics of character and the use of the Bible and theology in ethics. Application will be made to several contemporary ethical issues, including character formation; marriage, family, and sexuality; the sanctity of life; and environmental issues. Prerequisites: RPH 110, 120, or 130.

**RPH 325 JESUS AND THE GOSPELS / 3 credits**

The four canonical gospels, along with some non-canonical documents (e.g., Gospel of Thomas), will be examined in terms of their literary and historical meanings to better understand the nature of Jesus Christ as a focus of religious faith and as a focus of historical research. Prerequisites are at least one of the following courses or permission of instructor: RPH 110, RPH 120, or RPH 130.

**RPH 329 THE EARLY CHURCH / 3 credits**

The development of Christian thought and life to 600 A.D. Prerequisite: RPH 120 or permission of instructor. Same as HIS 329.

**RPH 331 THE MIDDLE AGES / 3 credits**

This course is a survey of the History of Europe from the fall of the Roman Empire to the end of the 15th century. Topics include the Christianization of Europe, the evolution of feudalism, the rise of the papacy, the Crusades and the Hundred Years' War. Prerequisites: HIS 201/RPH 201 or permission of the instructor. Same as HIS 331.

**RPH 333 HISTORY AND PHILOSOPHY OF EDUCATION / 3 credits**

Emphasis on the history of ideas in American thought as related to education; special attention to the educational implications of major philosophical traditions: Particular emphasis on the philosophical roots of significant influences on American education: the colonial religious mind, the American enlightenment, nineteenth-century democracy, naturalism, and the contemporary neo-democratic and post-modernist thought. Same as EDU 333.

**RPH 350 BUSINESS AND PROFESSIONAL ETHICS / 3 credits**

An examination of professional responsibility with case studies of ethical issues in business and the professions. Same as ECO 350.

**RPH 351 ANCIENT POLITICAL PHILOSOPHY / 3 credits**

This course is designed to allow students to work with those political thinkers who started the Western political tradition. Concentrating on original sources, the class considers the origin of political philosophy in selected works by such authors as Xenophon, Plato, and Aristotle. Same as POL 351.

**RPH 353 MODERN POLITICAL PHILOSOPHY / 3 credits**

A study of some major political thinkers such as Machiavelli, Locke, Rousseau, Hume, and Marx. Concentration will be on selected works and topics that have influenced contemporary politics. Same as POL 353.

**RPH 354 THE BYZANTINE EMPIRE / 3 credits**

This course will examine the rise and fall of the Byzantine Empire from 330-1453. Major

emphasis will be on the political, social, and economic structures of Byzantium and the religion and culture of its peoples. The influence of Byzantium on the Slavs, Arabs, Turks, and Western European kingdoms will also be studied. Prerequisite: HIS 201 or RPH 201 or permission of instructor. Same as HIS 354.

RPH 358 THE REFORMATION / 3 credits

This course will explore the causes and consequences of the Reformation. Major emphasis will be placed on understanding the role of the major reformers such as Luther, Calvin, and Loyola. In addition, we will explore its socio-political and cultural dimensions. Prerequisite: HIS 201/RPH 201, or permission of instructor. Same as HIS 355.

RPH 362 ENVIRONMENTAL ETHICS / 3 credits

Readings in environmental ethics. The course will address the ways western and non-western philosophies have shaped understanding of the environment and responses to environmental problems. Some of the philosophical traditions discussed will be utilitarianism, libertarianism, Christianity, Hinduism and Deep Ecology. Among the problems discussed will be overpopulation, global warming and various plans for addressing environmental needs. Prerequisite: 100-level RPH course or RPH 201 or 202.

RPH 365 TOPICS IN RELIGION / 3 credits

Study in such areas as biblical interpretation, systematic and historical theology, and world religions. Prerequisite: permission of instructor.

RPH 370 TOPICS IN PHILOSOPHY / 3 credits

Study in such areas as philosophical psychology and philosophical perspectives on various contemporary moral problems. Prerequisite: permission of instructor.

RPH 399 RELIGION AND PHILOSOPHY INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit Studies of varying topics in religion and philosophy, including a two-week Nichols trip. Prerequisites will vary depending upon course topic.

RPH 410 VIRTUE ETHICS / 3 credits

The study of virtue, beginning with Aristotle's Doctrine of the Golden Mean and including Greek tragedy, current scholarship in virtue theory, and other literature and artistic works connected to different understandings of virtue and to educating people to live virtuously. Prerequisites: RPH 201 or permission of the instructor.

RPH 415 PLATO SEMINAR / 3 credits

"Know thyself," "an unexamined life is not worth living," "nothing to excess." Most Westerners have heard these expressions and know something about the Golden Age of Greece. Plato lived in the greatest democratic society in the world. He watched as ignorance, lust, pride, greed, delusion, arrogance, and self-absorption led to the collapse of Athens. Plato's dialogues describe Athens "before the fall," so that future generations will learn from the Athenians' mistakes and dedicate themselves to living in ways that preserve intellectual and political freedom. Prerequisites: Junior or senior standing, RPH 201 or permission of the instructor.

RPH 450 INDEPENDENT STUDY / variable credit

Concentrated study in selected fields.

RPH 460 PRACTICUM / variable credit

RPH 480 ADVANCED SEMINAR IN RELIGION OR PHILOSOPHY / 3 credits  
 This course is an advanced study of a topic(s) or person(s) in Religion and/or Philosophy. The course will allow RPH majors and minors to engage in in-depth study that will integrate knowledge and methods gained from previous study in RPH. Topics will reflect areas of interest agreed upon by students and the lead professor. Prerequisites: junior or senior class standing, at least 12 hour of RPH, or by permission of instructor.

## The Spanish Major

**Associate Professor: Monica Rodriguez**

**Assistant Professors: John Herda and James Martell**

In a world where all fields of endeavor are becoming increasingly international and multicultural, fluency in another language and an understanding of other cultures have become keys that open a wide variety of opportunities — both personal and professional. Spanish majors at Lyon College have the opportunity to develop a facility in the use of both spoken and written Spanish and to build a knowledge of its literature and cultural heritage. The major prepares students for graduate school, teaching, or a range of professions grounded in bilingualism.

### *Summary of Requirements for a Major in Spanish*

SPN 101 and 102 or equivalent*	0-6 credits
SPN 201, 202 Intermediate Spanish I, II	.6 credits
SPN 300 Spanish Field Experience	.1 credits
SPN 333 Advanced Grammar	.3 credits
SPN 360 Hispanic Culture and Civilization	.3 credits
SPN 378 and 379 Introduction to Peninsular and	
Latin American Literature I and II	.6 credits
Advanced Spanish Electives (300 level or above): 6 hours in Peninsular and 6 hours in Latin American, with at least 3 hours at the 400 level	.12 credits
<b>Total</b>	<b>.31-37 credits</b>

## The Spanish Minor

The Spanish minor is a course of study designed as a second field for students interested in developing their fluency in Spanish and gaining the increased insights into culture and literature which result from the study of a foreign language.

### *Summary of Requirements for a Minor in Spanish*

SPN 101 and 102 or equivalent*	0-6 credits
SPN 201, 202 Intermediate Spanish I, II	.6 credits
SPN 333 Advanced Grammar	.3 credits
SPN 360 Hispanic Culture and Civilization	.3 credits
Advanced Spanish Elective (300 and/or 400 level)	.3 credits
<b>Total</b>	<b>.15-21 credits</b>

\* This course may also be used to satisfy Core requirements.

# Spanish Courses

## SPN 101, 102 BEGINNING SPANISH / 3 credits each

Fundamentals of grammar with emphasis on oral proficiency. Extensive use of audio and video resources in language lab. (SPN 101 or equivalent is a prerequisite for SPN 102)

## SPN 201, 202 INTERMEDIATE SPANISH / 3 credits each

Review of grammar with emphasis on reading, writing, listening, and speaking. Introduction to works of several modern writers. Vocabulary building and idiomatic self-expression stressed. Prerequisite: SPN 102 or equivalent.

## SPN 300 SPANISH FIELD EXPERIENCE / 1 credit

The main objectives in this course are for students to establish connections with the Hispanic community in Batesville or in their hometowns, to improve their fluency in the target language, and to enhance their knowledge of Hispanic culture. Through a Conversation Partners agreement with UACCB, Spanish students at Lyon will pair up with ESL students of a similar level for language practice throughout a semester; or students will engage in volunteer interpreting for Hispanic immigrants at local institutions. This course can be repeated with faculty approval. Must be taken pass/fail.

## SPN 315 INTRODUCTION TO SPANISH LINGUISTICS / 3 credits

This course is an introduction to the Spanish language system and will include the study of Spanish phonetics, phonology, morphology and syntax. Prerequisite: SPN 202.

## SPN 333 ADVANCED GRAMMAR AND COMPOSITION / 3 credits

In-depth examination of the elements of Spanish grammar, with practice in written compositions and oral presentations. Prerequisite: SPN 202.

## SPN 335 HISPANIC CINEMA / 3 credits

This course covers the major films produced in Spain and Latin America. The course may vary in its selection of films, sometimes offering Peninsular films and at other times Latin American films or a combination of both. This course explains the historical development of film in Spain and Latin America, analyzes film from a critical perspective, and compares film with novels or short stories. The course will combine a verbal and visual experience because students will be expected to read screenplays, novels or short stories along with seeing a film. This course can serve either a Peninsular or Latin American advanced elective. Prerequisite: SPN 202 or permission of instructor.

## SPN 350 METHODS OF TEACHING SPANISH / 3 credits

Modern methods of instruction in foreign language and culture from middle school through high school. Materials, planning and classroom techniques are stressed. Prerequisite: Permission of instructor.

## SPN 360 HISPANIC CULTURE AND CIVILIZATION / 3 credits

A cultural survey of Spain and Latin America emphasizing history, literature and other arts. Taught in Spanish. Prerequisite: SPN 202.

## SPN 370 SPANISH AMERICAN SHORT STORY / 3 credits

This course will examine the genre of the Latin American short story and alternate by semester between the short stories of the Peruvian Amazon region and the Southern Cone region

(Argentina and Uruguay). The course will cover major authors, trends and works of these respective regions. Taught in Spanish. Prerequisite: SPN 201.

**SPN 378 INTRODUCTION TO PENINSULAR AND LATIN AMERICAN LITERATURE I / 3 credits**

A survey of Hispanic literature from pre-Columbian to the Enlightenment. The course offers a selection of readings from Spain and Latin America in narrative, poetry, drama and essay. Taught in Spanish. Prerequisite: SPN 202.

**SPN 379 INTRODUCTION TO PENINSULAR AND LATIN AMERICAN LITERATURE II / 3 credits**

A survey of Hispanic literature from the Enlightenment to Postmodernism. The course offers a selection of readings from Spain and Latin America in narrative, poetry, drama and essay. Taught in Spanish. Prerequisite: SPN 202.

**SPN 382 SPECIAL TOPICS / 3 credits**

This course will focus on a major author or authors and their works. Taught in Spanish. Prerequisite: SPN 202.

**SPN 385 STUDIES IN THE SPANISH GOLDEN AGE AND BAROQUE / 3 credits**

This course will examine the major texts of the Spanish Golden Age and Baroque. The themes and texts of the course will vary, sometimes focusing on a single writer or genre or a variety of writers and genres during a single period or during both periods. Prerequisite: SPN 202 or permission of instructor.

**SPN 399 SPANISH INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit**  
Studies of varying topics in Hispanic culture, including a 2-week Nichols trip to a Spanish-speaking country. Prerequisite: SPN 102.

**SPN 405 STUDIES IN NINETEENTH-CENTURY PENINSULAR LITERATURE / 3 credits**

This course will examine the major texts produced in Spain during the nineteenth century. The themes and texts of the course will vary, sometimes focusing on Romanticism, Realism, or a selection of writers and genres from both periods. Prerequisite: SPN 202 or permission of instructor.

**SPN 406 STUDIES IN TWENTIETH-CENTURY PENINSULAR LITERATURE / 3 credits**

This course will examine the major texts produced in Spain during the twentieth century. The themes and texts of the course will vary, sometimes focusing on Spanish Modernism, Vanguard, post-Civil War prose, postmodernism, or a selection of writers and genres from the different periods. Prerequisite: SPN 202 or permission of instructor.

**SPN 410 20TH CENTURY LATIN AMERICAN PROSE FICTION / 3 credits**

Critical study and analysis of representative works of prose fiction from the distinct periods of 20th century Latin American prose fiction, with emphasis on the “boom” novel since 1940. Taught in Spanish. Prerequisite: SPN 202.

**SPN 415 U.S. LATINO LITERATURE / 3 credits**

This course will examine the literary works written by major authors from the three main Hispanic communities in the U.S.A.: Cuban-American, Mexican-American and Puerto Rican. Students will read and analyze texts in different genres, such as theater, essay, short

story and novel. Writing of a research paper will be a component of this course. Taught in Spanish. Prerequisite: SPN 202.

SPN 450 INDEPENDENT STUDY / 1-3 credits

Concentrated study in selected fields. Prerequisite: Permission of instructor.

## The Theatre Studies Major

**Assistant Professor: Fonzie Geary II**

Dramatic art represents the culmination of all arts put forth for the purpose of advancing human interaction, reflecting and challenging broader culture, and fostering a firmer sense of the individual self. Students investing in the study of dramatic art will develop skills in oral communication, research methods, interpersonal relationships, and team building collaboration. In addition, students will develop skills in the critical evaluation of text and performance in a variety of perspectives including theoretical, cultural, and historical as a means of better understanding the world around them. The Theatre Studies major is an interdisciplinary major designed to educate students in non-technical aspects of theatre while also gaining an appreciation for how other fine arts contribute to and enhance theatre production. The Theatre Studies major serves anyone wishing to pursue graduate school in non-technical areas of theatre as well as those seeking careers in professional theatre as actors, playwrights, directors, and dramaturges. However, the skills learned in the course of this major are not confined to professional or academic theatre employment. Theatre Studies majors learn skills well-suited for careers in public relations, teaching, sales, marketing, business, and human resources among a plethora of other possibilities.

Theatre Studies majors are **required** to participate in all Harlequin Theatre productions in some capacity.

**Theatre Studies majors must select one of the following emphases:**

**Art:** The art concentration is designed to supplement instruction for those students interested in the technical design elements of theatre. Art courses will aid students in learning some of the basic skills necessary for a technical designer, including drafting and rendering, color theory, visual composition, and art history.

**Music:** The music concentration offers students interested in musical theatre the opportunity to improve their education in music history and theory, develop their voices through choral performances and individual lessons, or both.

**English:** The English concentration aims to educate students interested in literary aspects of theatre. Students seeking admission to Ph.D. programs for theatre or those interested in serving as teachers or dramaturges would benefit from this concentration.

*Summary of Requirements for a Major in Theatre Studies*

THE 101 Introduction to Theatre\* .....3 credits

THE 210 or 212 Theatre Practicum .....	1 credit
THE 213 Fundamentals of Voice and Diction .....	3 credits
THE 232 Beginning Acting .....	3 credits
THE 301 Modern Drama .....	3 credits
THE 310 or 312 Theatre Practicum .....	1 credit
THE 333 Advanced Acting .....	3 credits
THE 340 Playwriting Workshop .....	3 credits
THE 353 Principles of Directing .....	3 credits
THE 383 World Theatre History .....	3 credits
THE 410 or 412 Senior Practicum .....	2 credits
<b>Total .....</b>	<b>28 credits</b>

*\* This course may also be used to satisfy Core requirements.*

### **Additional major requirements:**

#### **For an emphasis in Art:**

Nine credits from the following:

ART 101 Introduction to Visual Arts .....	3 credits
ART 110 Drawing Studio .....	3 credits
ART 120 Two Dimensional Design .....	3 credits
ART 202 World Art II .....	3 credits
ART 220 Digital Studio I .....	3 credits
ART 234 Three Dimensional Studio I .....	3 credits

**Total Major: 37 credits**

#### **For an emphasis in Music:**

Nine credits from the following:

MUS 105 Language of Music .....	3 credits
MUS 140 Lyon College Chorale .....	1-3 credits
MUS 151v/251v Voice Lessons .....	1-3 credits
MUS 291 Topics in Music History .....	3 credits
MUS 295 World Music .....	3 credits
MUS 320 Baroque and Classical Music .....	3 credits
MUS 325 Nineteenth and Twentieth Century Music .....	3 credits

**Total Major: 37 credits**

#### **For an emphasis in English:**

Nine credits from the following:

ENG 105 World Literature .....	3 credits
ENG 212 Topics in Literature .....	3 credits
ENG 215 Introduction to Shakespeare .....	3 credits
ENG 290 Survey of British Literature I .....	3 credits



ENG 340 Film Studies .....	3 credits
ENG 363 Advanced Composition .....	3 credits
ENG 365 Introduction to Critical Theory .....	3 credits
<b>Total Major: 37 credits</b>	

## The Theatre Studies Minor

The Theatre Studies minor is a course of study designed as a second field for students interested in the theatre arts and in improving their communication skills.

### *Summary of Requirements for a Minor in Theatre*

THE 101 Introduction to Theatre*	3 credits
THE 232 Beginning Acting .....	3 credits
THE 210/212/310/312 .....	3 credits
Three courses from the following:	
THE 301 Modern Drama .....	3 credits
THE 333 Advanced Acting .....	3 credits
THE 340 Playwriting Workshop .....	3 credits
THE 353 Principles of Directing .....	3 credits
THE 383 World Theatre History .....	3 credits
<b>Total .....</b>	<b>18 credits</b>

\* This course may also be used to satisfy Core requirements.

## Theatre Courses

### THE 101 INTRODUCTION TO THEATRE / 3 credits

A survey of basic theatrical elements including acting, playwriting, directing, design, history, and dramatic literature that demonstrates the significance of theatre in society both Western and non-Western.

### THE 122 FUNDAMENTALS OF DANCE / 1 credit

Students learn form, position, muscle control, flexibility and the basic movements to bring them to a level that will enable them to enjoy and develop a love for the art of dance. (Same as PED 122)

### THE 210, 212, 310, 312 THEATRE PRACTICUM / 1 credit each

Practical work on a Harlequin Theatre Production as actor, backstage technician, or front of house personnel. No previous theatre experience required. Assignments are made by the instructor during the term student is registered. Maximum credit allowed for graduation is 4 credits. (200-level credits must be completed before 300-level credits)

### THE 213 FUNDAMENTALS OF VOICE AND DICTION / 3 credits

Study of the process for improvement of voice production, vocal placement, and diction through the use of vocal exercises and readings from dramatic and non-dramatic literature.

### THE 232 BEGINNING ACTING / 3 credits

An introduction to the process of stage acting, through basic acting exercises and improvisation, which will enhance interpersonal communication and extemporaneous speech skills. Students will rehearse and present scenes in class.

**THE 282 TOPICS IN DANCE / 1 credit**

A continuation of principles taught in Fundamentals of Dance giving the student an in depth view of a variety of dance forms such as ballet, tap, jazz, lyrical, modern, and musical theatre dance while fine tuning the body, building cardio-vascular health and giving each participant a sense of well being. Prerequisite: THE 122 or PED 122 or permission of instructor. (Same as PED 282)

**THE 301 MODERN DRAMA / 3 credits**

The seminar examines Western playwrights from George Buchner (1835) to the present through reading and discussion. The seminar will vary from a survey to a concentration on selected playwrights.

**THE 333 ADVANCED ACTING / 3 credits**

A continuation of principles established in THE 232 with an emphasis on the development of period acting styles such as Ancient Greek, Elizabethan, Restoration, Georgian, and contemporary non-realism. Prerequisite: THE 232.

**THE 340 PLAYWRITING WORKSHOP / 3 credits**

An intensive writing workshop exploring the art of writing a play. Students will learn the art of rewriting, as well as the art of writing a play. Prerequisite THE 101 or permission of instructor.

**THE 353 PRINCIPLES OF DIRECTING / 3 credits**

The process of directing for the stage through the study of script analysis and the presentation in class of scenes from plays directed by the student. Prerequisites: THE 101.

**THE 382 SPECIAL TOPICS IN THEATRE / 3 credits**

Study of selected topics in theatre. Prerequisites will vary.

**HIS 383 WORLD THEATRE HISTORY / 3 credits**

A survey of world theatre from its ritualistic beginnings to the present day. It will include readings of selected plays from world cultures. Prerequisite: THE 101 or HIS 201 (same as THE 383).

**THE 399 THEATRE INTERNATIONAL STUDIES COURSE: Variable topics / 1 credit**

Studies of varying topics in theatre, including a 2-week Nichols trip. Prerequisites will vary depending upon course topic.

**THE 410, 412 SENIOR PRACTICUM I & II / 2 credits each**

Advanced level of focus on a specific area of theatre such as acting, directing, or technical design to be applied to the fall or spring main stage theatre production. The area of focus will be determined in consultation with the professor. Prerequisites: THE 210 or 212, THE 232, and THE 310 or 312.

**THE 450 INDEPENDENT STUDY / variable credit**

Directed study in special areas of theatre. Prerequisite: permission of instructor.

# Pre-Professional Programs

The breadth of understanding and the habits of disciplined thought that are the products of a strong, undergraduate liberal arts education provide an excellent foundation for a range of professions. The courses of study offered at Lyon College provide the basic intellectual and communication skills upon which success in professional school and in a profession largely depends.

## Health-Related Professions

Professional schools in health-related fields have very specific admission requirements. Students interested in these areas should begin planning their undergraduate curriculum as early as possible.

Any student who is interested in pursuing a career in one of these areas should contact the chair of the Pre-Professional Advisory Committee, or another science division faculty member upon matriculation at Lyon College. While some health profession programs do not require a student to complete a bachelor's degree in order to apply, it is generally recommended that the student do so because of the competitive edge provided by a completed liberal arts education.

### I. Curriculum for Medical, Dental, and Veterinary Professions

**Advisors:** Associate Professor Mark Schram for Medical

**Associate Professor Tim Lindblom for Veterinary**

A Bachelor of Science degree is recommended for students planning careers in medicine, dentistry or veterinary medicine. Students applying to medical school must take the Medical College Admission Test (MCAT), which is given January - September of each year. The Dental Admission Test (DAT) is required of all applicants to dental school. This exam is given year-round. Applicants to veterinary school must take either the Veterinary College Admission Test (VCAT) or the General Record Examination (GRE) depending on the requirements of the various schools of veterinary medicine.

#### *Summary of Requirements*

BIO 110, 112 Principles of Biology I* & II	8 credits
BIO 252 Genetics	4 credits
CHM 110 & 120 General Chemistry I* & II	8 credits
CHM 210 & 220 Organic Chemistry I & II	8 credits
MATHEMATICS	4-8 credits
PHY 210, 211 & 220, 221 General Physics I* & II	8 credits
OR PHY 240, 241 & 250, 251 Fundamentals of Physics I* & II	8 credits

**Total .....48-52 credits**

*\* This course may also be used to satisfy Core requirements.*

*Some medical schools require up to three semesters of college English. Consult the pre-medical advisor.*

#### *Recommended Courses*

BIO 250 Cell Biology .....4 credits

BIO 350 Microbiology .....4 credits

BIO 352 Molecular Biology .....4 credits

BIO 360 Comparative Physiology .....4 credits

BIO 356 or CHM 356 Biochemistry\* .....4 credits

BIO 366 Histology .....4 credits

**Total .....24 credits**

*\* Some medical, dental, and veterinary schools require biochemistry. Some veterinary schools require a course in animal nutrition and oral communication. Consult a health professions advisor.*

## **II. Curriculum for Optometry**

**Advisor: Associate Professor Mark Schram**

#### *Summary of Requirements*

BIO 110, 112 Principles of Biology I\* & II .....8 credits

BIO 350 Microbiology .....4 credits

BIO 356 Biochemistry† .....4 credits

CHM 110, 112 General Chemistry I\* & II .....8 credits

CHM 210 Organic Chemistry .....4 credits

MTH 210 Calculus I\* .....4 credits

PSY 101 Introduction to Psychology\* .....4 credits

PSY 235 Statistics for Behavioral Sciences .....3 credits

Electives (history, geography, sociology, psychology – not PSY 101, economics, anthropology) .....30 credits

PHY 210, 211 & 220, 221 General Physics **OR**

PHY 240, 241 & 250, 251 Fundamentals of Physics .....8 credits

**Total .....77 credits**

#### *Recommended Courses*

BIO 360 Comparative Physiology .....4 credits

A course in optics/light .....1-3 credits

*\*This course may be used to satisfy Core requirements.*

*†Molecular biology may be substituted for biochemistry.*

### III. Curriculum for Pharmacy

Preparation for a career in pharmacy requires the completion of the 69 credit hours given below. A minimum of a “C” must be achieved in each course. In addition to completing the courses listed, the applicant is expected to have the ability to type 30-40 words per minute accurately.

The Pharmacy College Admissions Test (PCAT) is required of all applicants and should be taken in November or February before applying for admission.

#### *Summary of Requirements*

MTH 210 Calculus I*	.4 credits
ENG 101, 102 English Composition I & II	.6 credits
ENG 110 Introduction to Western Literature	.3 credits
BIO 110 & 112 Principles of Biology I* & II	.8 credits
BIO 350 Microbiology	.4 credits
CHM 110 & 120 General Chemistry I* & II	.8 credits
CHM 210 & 220 Organic Chemistry I & II	.8 credits
PHY 210, 211 General Physics I*	

OR PHY 240, 241 Fundamentals of Physics*	.4 credits
ACC 210 Accounting OR ECO 101 Principles of Economics I	.3 credits
Recommended Electives – minimum of three courses	.10-12 credits
(Choose from BIO 250, 252, 356, 360; CHM 224; MTH 220, 360; PHY 220, 221; RPH 306)	
Humanities Electives	.13-15 credits
(Choose from art, music, theatre, literature, philosophy, Spanish, religion, history, etc.)	

**Total** ..... **.69 credits**

\* This course may also be used to satisfy Core requirements.

### IV. Curriculum for Physical Therapy

**Advisor: Associate Professor Mark Schram**

#### *Summary of Requirements*

BIO 110 Principles of Biology I*	.4 credits
BIO 205 Biomedical Terminology	.1 credit
BIO 260, 262 Human Anatomy & Physiology I & II	.8 credits
BIO 366 Histology	.4 credits
CHM 110 & 120 General Chemistry I* & II	.8 credits
PSY 235 Statistics for Behavioral Sciences	.3 credits
PHY 210, 211, 220, 221 General Physics I* & II	.8 credits
PSY 101 Introduction to Psychology	.3 credits
PSY – Psychology Elective	.3 credits

Two upper-level courses in animal biology .....6-8 credits  
**Total** .....**48-50 credits**

*\* This course may also be used to satisfy Core requirements.*

*The above requirements are for UCA. Requirements may vary for other schools.*

In addition to these requirements, 20 to 40 hours of volunteer/observation in three different areas with a certified physical therapist is recommended.

## V. Curriculum for Occupational Therapy

**Advisor: Associate Professor Mark Schram**

### *Summary of Requirements*

BIO 110 Principles of Biology I\* .....4 credits  
 BIO 205 Biomedical Terminology .....1 credit  
 BIO 260, 262 Anatomy and Physiology I & II .....8 credits  
 BIO 350 Microbiology .....4 credits  
 CHM 110 General Chemistry I\* .....4 credits  
 PHY 210, 211 or PHY 240, 241 General or Fundamentals of Physics I\* ..4 credits  
 PSY 101 General Psychology\* .....3 credits  
 PSY 235 Statistics for the Behavioral Sciences .....3 credits  
 PSY 290 Human Development .....3 credits  
 General Sociology .....3 credits  
 Sociology or Psychology Elective .....3 credits  
**Total** .....**40 credits**

*\* This course may also be used to satisfy Core requirements.*

In addition to these requirements, students must have a minimum of 20 hours of volunteer/observation with a certified occupational therapist.

## VI. Curriculum for Nursing and Allied Health Services

**Advisor: Professor David Thomas**

The following courses are prerequisite to most institutions offering a BSN degree in nursing. Nursing programs vary considerably in their course content, and requirements for transfer to a specific program should be examined during advising. Certain prerequisite courses (e.g. Health, Home Economics, Nutrition, and Introduction to Professional Nursing Practice) are not offered at Lyon and must be taken at some other institution if required. A minimum GPA of 2.5 is generally required for admission; however, nursing programs are very competitive and a higher GPA may be necessary.

BIO 110 Principles of Biology I\* .....4 credits  
 BIO 260, 262 Anatomy & Physiology I & II .....8 credits

CHM 110 & 120 General Chemistry I* & II .....	8 credits
ENG 101, 102 English Composition I & II .....	6 credits
MTH 101 College Algebra .....	3 credits
PSY 101 Introduction to Psychology * .....	3 credits
SOC 101 Introduction to Sociology .....	3 credits
<b>Total .....</b>	<b>35 credits</b>

#### *Additional Recommended Courses*

ART 101 Introduction to the Visual Arts*	
<b>OR</b> MUS 105 The Language of Music* .....	3 credits
BIO 350 Microbiology .....	4 credits
ENG 110 Introduction to Western Literature* .....	3 credits
HIS 101 U.S. History I <b>OR</b> HIS 102 U.S. History II	
<b>OR</b> POL 101 U.S. Government* .....	3 credits
HIS 201, 202 Western Civilization I & II .....	6 credits
PSY 235 Statistics for Behavioral Sciences .....	3 credits
PED 101 Physical Fitness .....	1 credits
PED — Any P.E. activity course .....	1 credits
<b>Total .....</b>	<b>24 credits</b>

\* *This course may also be used to satisfy Core requirements.*

## **The Pre-Engineering Curriculum**

**Advisor: Associate Professor Stuart Hutton**

Lyon College has several demanding programs to prepare students for an engineering degree. The first is called a 2-2 program, wherein a student attends Lyon College for two years and transfers to an engineering institution for the last two to earn a Bachelor of Science degree in engineering. A formal agreement of transfer exists between Lyon College and the University of Arkansas, but entry into other schools can readily be arranged. A student will complete 60 hours of prescribed courses in liberal arts studies at Lyon College, enabling the student to enter the last two years in any of the primary engineering disciplines including aerospace, chemical, civil, electrical, mechanical, nuclear, and petroleum. The pre-engineering students and their advisor work closely together to ensure that their program of study leads efficiently toward entry into their selected engineering school. The requirements listed below may vary in some limited degree depending on discipline or engineering school selected.

#### *Summary of Minimal Requirements*

MTH 210, 220, 230† Calculus I,* II, & III .....	12 credits
MTH 300 Differential Equations .....	3 credits
CHM 110 & 120 General Chemistry I* & II .....	8 credits
PHY 240, 241 & 250, 251 Fundamentals of Physics I* & II .....	8 credits
CSC 140 Introduction to Programming II** .....	3 credits
ECO 101 Principles of Economics I* .....	3 credits
ENG 101, 102 English Composition I and II .....	6 credits
HIS 101 or 102 The United States I or II .....	3 credits
Humanities/Social Science Electives .....	12-15 credits
EM 50 Engineering Mechanics Statics*** .....	3 credits
<b>Total .....</b>	<b>.61-64 credits</b>

*\* This course may also be used to satisfy Core requirements.*

*†Students who begin their mathematics with MTH 110 may have to spend an extra summer or year before transferring to an engineering school.*

*\*\*The language of the programming course must be C or C++.*

*\*\*\*Statics is not taught at Lyon College. Arrangements should be made to complete this course at an ABET-accredited engineering school as required by the program of choice after completion of the Physics sequence, PHY 240/241 and PHY 250/251.*

The second program is called the 3-2 program, wherein a student attends Lyon College for three years, completing the Lyon College Core Curriculum and the requirements for a particular major (usually mathematics), and transfers to the engineering school of choice for the remaining two. Formal agreements of transfer exist with the University of Arkansas, Missouri University of Science and Technology and the University of Minnesota. Entry into other schools can readily be arranged. Upon completion of the fourth year, the student earns a Bachelor's degree from Lyon College. The Bachelor of Science degree in a specific engineering area from the school of choice is awarded following the completion of that school's requirements for the major. Examples of five-year syllabi for engineering degrees are available upon request. The pre-engineering advisor, using the suggested five-year syllabus, will work with students to tailor individually the order in which the courses are taken.

Another program enables students to receive a bachelor's degree from Lyon College and to receive a Master of Engineering degree from the University of Minnesota. This program involves four years at Lyon College and, typically, two years at the University of Minnesota. It may be necessary for students to take several extra courses before proceeding through the graduate curriculum; the number of such courses will vary by major and emphasis. Admission is not guaranteed.



## Medical Technology Dual-Degree Program

**Advisor: Professor David Thomas**

Lyon College and the University of Arkansas for Medical Sciences offer a 3-1 dual degree program in biology and medical technology. In this program, Lyon College students complete most of the requirements for the B.A. or B.S. degree in biology during their first three years. After applying to and being admitted to the medical technology program, students attend UAMS for their fourth year and the following summer. Students may take medical technology courses at the UAMS campus or via distance education on the Lyon College campus. Distance education students spend approximately one weekend per month at UAMS for laboratory sessions. Courses from the medical technology program fulfill two of the upper-division biology course requirements for Lyon College. Students graduate from Lyon College in May with a degree in biology, and from UAMS in August with a degree in medical technology. The 3-1 degree program requires a rigid schedule, and some students may need summer classes. Interested students should contact the allied health sciences advisor before registering for first-year classes. Other options for medical technology are also available.

## Outdoor Leadership Concentration

The Outdoor Leadership Concentration was created to take advantage of and advocate for the use of outdoor resources available to the College in the beautiful Ozarks and to increase academic, ethical, and social development of students through experiential learning. It is a multidisciplinary program that works closely with the College's LEAP program (Lyon Education and Adventure Program).

### *Summary of Requirements for an Outdoor Leadership Concentration*

OLP 150 Outdoor Leadership .....3 credits  
PED 201 Health and Wellness .....3 credits  
OLP 205 Wilderness First Responder

**OR** OLP 210 Wilderness First Aid Course .....1-3 credits  
LED 201 Principles of Leadership .....1 credit  
OLP 301 Outdoor Leadership Internship\* .....1-3 credits

\*Current certification in First Aid, CPR, AED prerequisite

One course from the following:

RPH 205 Introduction To Ethics .....3 credits  
RPH 320 Christian Ethics .....3 credits  
RPH/ECO 350 Business and Professional Ethics .....3 credits  
RPH 362 Environmental Ethics .....3 credits

**Must have at least 14 credits from above courses .....14-16 credits**

Two courses from the following:

OLP 120 Biking .....1 credit

OLP 122 Paddling .....	1 credit
OLP 124 Sailing .....	1 credit
OLP 126 Backpacking .....	1 credit
OLP 128 Rock Climbing .....	1 credit
OLP 130 Scuba .....	1 credit
Certain pre-approved Bio 101 courses such as birding, caving, etc .....	1 credit
<b>Total Credits for Outdoor Leadership Minor .....</b>	<b>16-18 credits</b>

## Outdoor Leadership Courses

### LED 201 PRINCIPLES OF LEADERSHIP / 1 credit

Students will review basic principles of leadership, including leadership theory, the relational leadership model, the context of leadership in groups, and ethics and leadership. Through discussion, lecture, research, readings and activities, students will be challenged to think critically and imaginatively about the foundations of leadership. Students will be responsible for crafting their own model of leadership that reflects the material covered in the course.

### OLP 120 BIKING / 1 credit

This course teaches the basics of biking. It will focus on appropriate gear, basic bike maintenance, trip planning including risk management and logistics, and developing competence in basic biking skills. Preference will be given to students who have declared a concentration in Outdoor Leadership.

### OLP 122 PADDLING / 1 credit

This course teaches the different modes of paddling including canoeing, kayaking, and stand up paddle boarding. It will focus on appropriate gear, trip planning, risk management, and logistics. Students will achieve basic competence in paddling skills. Preference will be given to students who have declared a concentration in Outdoor Leadership.

### OLP 124 SAILING / 1 credit

This course will teach you the ability to skipper a keelboat of approximately 16 to 27 feet in length by day in light to moderate winds in different lake conditions. Knowledge of basic sailing terminology, parts and functions, helm commands, basic sail trim, points of sail, buoyage, seamanship and safety including basic navigation rules to avoid collisions and hazards will be taught. Preference will be given to students who have declared a concentration in Outdoor Leadership.

### OLP 126 BACKPACKING / 1 credit

This course teaches the basics of backpacking. It will focus on appropriate gear, trip planning and logistics, risk management, and developing competence in basic backpacking/camping skills. Preference will be given to students who have declared a concentration in Outdoor Leadership.

### OLP 128 ROCK CLIMBING / 1 credit

This course teaches the basics of rock climbing. It will focus on appropriate gear, knots, climb site risk management, trip planning and logistics, and developing competence in basic rock climbing skills. Preference will be given to students who have declared a concentration in Outdoor Leadership.

#### OLP 130 SCUBA / 1 credit

After taking this course you will be certified in a Self Contained Underwater Breathing Apparatus or SCUBA. This course requires knowledge development of SCUBA concepts from the classroom as well as dive techniques to be taught in the pool and finally check out dives with instructors in open water. Preference will be given to students who have declared a concentration in Outdoor Leadership.

#### OLP 150 OUTDOOR LEADERSHIP / 3 credits

This course is designed for students to learn principles and practices of leadership in experiential education focusing on being an efficient, safe, and ethical leader. Students will share leadership duties in a 3 day/2 night outdoor experience with their peers putting their leadership skills gained to use in the outdoors. Prerequisite: Must have gone on at least two LEAP weekend activities and have written approval from instructors of those activities.

#### OLP 205 Wilderness First Responder (WFR) / 3 credits

The WFR course provides the tools to make critical decisions in remote locations. Classroom lectures and demonstrations are combined with realistic scenarios where mock patients will challenge the student to integrate learning. After course completion students are certified as Wilderness First Responders. This course will be offered in January before the spring semester, as a summer course in May, or a spring break course. Preference for admission into this class will be given to students who have declared a concentration in Outdoor Leadership.

#### OLP 210 Wilderness First Aid (WFA) / 1 credit

The WFA course provides the tools to make critical decisions in remote locations. Classroom lectures and demonstrations are combined with realistic scenarios where mock patients will challenge the student to integrate learning. After course completion students are certified with a Wilderness First Aid certificate. This course will be offered as a weekend course. Preference for admission into this class will be given to students who have declared a concentration in Outdoor Leadership.

#### OLP 301 OUTDOOR LEADERSHIP INTERNSHIP\* / 1-3 credits

This course is designed for students to take knowledge gained from leadership courses and apply it in the field. Students will plan and lead multiple LEAP events throughout the semester.

\*Students may also take the internship at another school/agency in the summer.

## Pre-Law Concentration

### Advisor: Professor Scott Roulier

Studies and surveys have consistently shown that the best preparation for law school is to earn a bachelor's degree in any rigorous major requiring analytical reasoning, careful reading, and effective speaking and writing. Thus the pre-law concentration is not designed to substitute for but to augment major requirements. The Pre-Law Committee has identified the following courses as providing the knowledge, understanding, and intellectual skills important to success in law school. Students with any Lyon College major may elect to take this concentration.

### *Summary of Requirements for a Pre-Law Concentration*

POL 105 The American Experience . . . . .	3 credits
POL 210 Introduction to Legal Studies . . . . .	3 credits
BUS 303 Business Law . . . . .	3 credits
ENG 363 Advanced Composition . . . . .	3 credits
POL 380 Civil Liberties . . . . .	3 credits
<b>Total . . . . .</b>	<b>15 credits</b>

### *Additional Opportunities for Students in Lyon's Pre-law Concentration*

Law Club: Provides visits to law schools as well as interactions with law students and practicing attorneys who graduated from Lyon.

LSAT Prep: Provides sample testing and scoring as well as tips on how to improve scores.

Internships: Selected students work in offices of practicing attorneys.

Model UN: Students participate in activities important to international law.

\*Note that many students in the pre-law concentration will be taking POL 101 as a Core requirement or will be majoring in business, English, and political science and thus will be taking some of these courses for both purposes.

## **Pre-Ministry Preparation**

Students interested in pre-ministerial preparation are encouraged to consult the College Chaplain or any member of the religion faculty. Guidance, support, and assistance with course selection will be offered through such advisors. Though seminaries accept applicants with virtually any college major, the following are recommended as especially good preparation: English, history, and religion and philosophy.

Regardless of the major chosen, the pre-ministerial student should take courses in the following areas: religion, English, foreign language, history, philosophy, and psychology. Students interested in pre-ministerial preparation should consult with a member of the religion faculty and the faculty of their chosen major to work out an effective course of preparation.

## **Nichols International Studies Program**

Lyon offers two opportunities to study abroad through the Nichols International Studies Program: international studies courses and semester- and year-long study abroad exchange programs at selected foreign universities. Students must consult with the director of the Nichols International Studies Program before seeking admission to either program.

## **Nichols International Studies Courses**

The Nichols International Studies courses are taught by members of the Lyon fac-

ulty and include about two weeks of study abroad. Nichols courses are offered following the end of the fall and spring semesters. The faculty members responsible for the Nichols courses are usually the instructors of the courses that are prerequisites to the study-abroad courses. The prerequisite courses are normally offered in the semester immediately preceding related Nichols courses.

Students are eligible to participate in a Nichols course during or following their fifth semester of full-time study, provided that they have junior status at the time of the course. Transfer students may participate after three semesters of full-time study at Lyon, provided that they have junior status at the time of the course. To be eligible, students must have a Lyon cumulative grade-point average of 2.5 or better. This eligibility will hold true unless the student fails to meet the contractual agreement with the college, or goes on probation or suspension. Participation in Nichols courses is contingent upon the payment of any required tuition and course fees by the end of the term prior to the start of the courses. Eligible students enrolled in these courses will receive Nichols International Studies grants to cover a portion of course-related expenses. The grants are issued to the Nichols International Studies Program and not to individual students.

Students who fail to return to Lyon for the term following the Nichols courses will be billed for any cost of the courses incurred by the College on their behalf, including Nichols international studies grants. Exceptions to this policy may be granted by the chief academic officer in the case of seniors who were unable to previously enroll in or complete a Nichols course. The policy on the reimbursement of College expenses also applies to students who are sent back to the U.S. by their instructors prior to the end of the courses due to violations of College policies. Credit hours for Nichols courses cannot be applied toward graduation requirements if the study abroad takes place after the student's participation in commencement.

Continuing Lyon students who are not eligible for Nichols international studies grants or who have previously received a Nichols grant may enroll and participate in Nichols courses entirely at their own expense (provided there is still room available in the course). At the time of enrollment, they must be in good academic and financial standing.

All participants in Nichols courses must be enrolled in the courses. Participants are responsible for obtaining or renewing their passports and securing proper visas prior to departing the United States on Nichols courses. They are also required to show proof prior to departure of medical insurance for the duration of the courses. Information on future Nichols courses can be found on the College website.

## Study Abroad Exchange Programs

Lyon has established formal tuition exchange agreements with Akita International University (Japan), the University of Poitiers (France), and to Belfast

Metropolitan college, Queens University, St. Mary's University College, Stranmillis University College and University of Ulster, all in Northern Ireland, through the Association of Presbyterian Colleges and Universities ([www.presbyteriancolleges.org/irishamericanscholars.htm](http://www.presbyteriancolleges.org/irishamericanscholars.htm)). Also, Lyon College is a member of the Consortium for North American Higher Education Collaboration (CONAHEC), which allows student exchange with schools located in Mexico, Spain, Chile, Argentina, Guatemala, Canada, Honduras, Colombia, Iceland, Brazil and South Korea. In most cases, the exchange is for a semester but some schools offer summer exchange as well. Students normally participate in semester and yearlong study abroad exchange programs during their junior year, or the following summer. Applicants are required to have attended Lyon full-time for the academic year preceding their study abroad, have a Lyon cumulative GPA of 3.0, be in good financial standing, and have appropriate foreign language skills to be eligible to participate in a semester or yearlong study abroad exchange program. In addition, each school may have additional requirements for admission. Students should get more information about their selected school's requirements and application deadlines from the Nichols office. Approval to participate in one of the exchange programs must be granted in advance by the Nichols International Studies Program.

Applications to participate in exchange programs must be reviewed by the Nichols International Studies Office. With approval from the program and dean of the faculty, students will register in NIS 300 and/or 301. Proof of medical insurance for the duration of the study abroad program is part of the approval process. Exchange students will pay Lyon tuition, any tuition differential between Lyon and host institutions, and any required fees. Exchange students are solely responsible for transportation, accommodations, meals, books and supplies, medical insurance, passport/visa fees, and personal expenses and debits related to study abroad. However, they may use their Nichols grants to offset costs, provided they meet the eligibility requirement, and they may apply for outside scholarships. Scholarship information can be obtained from the Nichols Office and is also available online (<http://www.lyon.edu/study-abroad-scholarships.htm>).

Students who fail to fulfill the terms of the exchange agreement, or who fail to successfully complete the approved course of study, or who fail to return to Lyon College for at least one semester following the exchange program will be required to reimburse the College for any program-related expenses beyond direct payments to the College by the exchange student. Nichols international studies grants are considered College expenses.

## Other Study Abroad Opportunities

Lyon students may also participate in semester and yearlong study abroad programs other than the approved exchange programs listed above. They will not be

classified as Lyon students during the duration of such study, however. Accordingly, they are responsible for the full cost of such study abroad programs. Students are encouraged to apply for outside scholarship and may use their Nichols grant towards expenses if they meet all the eligibility requirements for the grant. While prior approval to participate in such programs is not required, students should consider applying for a leave of absence. In all cases, they must request permission in advance to transfer credit hours from these programs to Lyon College. This approval process is the same as for any transfer credit request, except that the written approval of the Nichols International Studies Program is also required. As with all transferred courses, credit hours may be awarded toward program and/or graduation requirements, but the grades received in these courses will not be used in the calculation of the student's Lyon GPA.

## The Washington Center Internships

**Advisor: Professor Brad Gitz**

Lyon College has a formal affiliation with the Washington Center for Internships and Academic Seminars, an independent, nonprofit organization that sponsors internship programs in Washington, D.C., for college students from around the country. This enables Lyon students from all majors and concentrations to take advantage of the Center's many internship programs in the public, private, and nonprofit sectors in our nation's capital.

Summer internships of 8 weeks duration will receive 6 credit hours, 3 for intern activities and 3 for an on-site academic course. Interns may also arrange to do an additional 3 hours of directed study related to their internship in the summer. On-site courses are graded by the Washington Center faculty. A letter grade for the 6 hours of internship duties will be determined by the Lyon campus liaison for the Center, in consultation with supervisors of the internship and faculty members in the student's major.

Student may enroll in other internship programs and seek permission to transfer the credit to Lyon. Students enrolled in programs other than those offered by the Washington Center will not be classified as Lyon students during the duration of the programs. Thus, they must be prepared to pay the full cost of such programs as they are not eligible for institutional aid, including scholarships, or other forms of financial assistance through Lyon College.

## Core Courses

COR 100 YEAR ONE / 1 credit

This course is designed to introduce students to college life and further develop the personal and academic skills necessary for success in college. A service project is central to the course.

Graded on a pass/fail basis.

**COR 201 RESIDENCE LIFE SEMINAR / 1 credit**

Introduction to human relations and policy issues for prospective student residence life staff.  
Prerequisite: Selection as Residence Life staff.

**COR 202 STUDENT MENTOR SEMINAR / 1 credit**

Introduction to group process and advisement issues for prospective student mentors.  
Prerequisite: Selection as Spragins House Student Mentor.

**COR 400 YEAR FOUR / 1 credit**

A senior collaborative international service project.

## **Foreign Language Courses: Latin**

**FGN 101 BEGINNING LANGUAGE: LATIN / 3 credits**

This course provides an introduction to the basic grammar, syntax and idiom of classical Latin, supplemented by brief readings, compositions, and introductions to Roman literature and culture.

**FGN 102 INTERMEDIATE LANGUAGE: LATIN / 3 credits**

Building upon FGN 101, this course continues to develop a foundation in classical Latin grammar and idiom, supplemented by readings in Roman authors, brief compositions, and further introductions to Roman literature and culture. Prerequisite: FGN 101, or permission of instructor.

## **Non-Disciplinary Science Courses**

**SCI 105 NATURAL SCIENCE FOR THE LIBERAL ARTS / 4 credits**

An introduction to the natural sciences focusing on a significant topic of current interest. Science is unsurpassed as a successful tool for discovering practical knowledge about the Universe and the Earth. This course will emphasize how that knowledge is discovered, how we can use it to understand the modern challenges faced by humanity, and how it can help us devise potential solutions. This course consists of both lecture and laboratory components.

**SCI 270 SCIENCE PRACTICUM / 1-3 credits**

**SCI 360 METHODS IN TEACHING SCIENCE / 1-3 credits**

A course designed for prospective secondary science teachers. Emphasizes hands-on experimentation in teaching science process skills, techniques, and data collection and analysis.

## **Study Abroad Courses**

**NIS 300, 301 SEMESTER ABROAD / variable credit**

A course of study abroad under an approved exchange program. Prerequisite: Cumulative GPA of 3.0 or better, junior standing, and approval of the director of the Nichols program.



# Academic Rules and Regulations

To graduate with a Bachelor of Arts or Bachelor of Science degree from Lyon College, students must successfully complete the Core Curriculum, the requirements of at least one major, and at least 120 semester credits. They must also earn at least a 2.00 cumulative grade point average for all work taken at Lyon College and a 2.00 cumulative grade point average in their major, minor, and concentration.

Candidates for a degree must spend at least two semesters in residence as full-time students; attendance during summer terms alone is not sufficient. The last 30 hours toward a degree must be taken at Lyon. Students who are studying abroad and who have had their courses pre-approved to transfer to Lyon are exempt from this policy. Other students may petition, but under no circumstances may they receive relief for more than six hours.

Students may count only seven credits of physical education activity classes toward the hours required for graduation. A student may enroll in no more than one physical education activity course per semester.

In order to receive a diploma, all candidates for a degree must be in good academic and social standing and have discharged all financial obligations to the College. Additionally, they must be present at graduation exercises unless exempted from this requirement by the Dean of the Faculty.

Students who have failed to satisfy 6 hours or less of the 120 credit requirement may request permission from the Dean of the Faculty to participate in commencement exercises and should complete all degree requirements prior to the start of the next academic year at which time they will receive their degrees. Students who complete degree requirements after the beginning of the fall term will receive their degrees at the next commencement.

Students earning degrees are normally expected to complete their course of study at Lyon College within four years. When this is not possible, students operate under the degree requirements of any single catalog under which they were enrolled during the 10-year period previous to their graduation. However, a student who allows four years to lapse before re-enrollment must re-enroll under the current catalog.

Lyon College graduates may re-enroll at Lyon and complete an additional major and have it added to their transcript. To do so, they must complete at least 30 credits of the additional major at Lyon and must meet the major requirements of the catalog current when they re-enroll. The second major will not lead to a second degree.

# **Advanced Standing**

Students who have done exceptionally well in high school, taken college preparatory courses or gained knowledge in some other way, may receive college credit, if they can demonstrate their knowledge and ability by examination. Students who have taken college courses at other accredited institutions of higher learning may also enter Lyon College with advanced standing.

## **I. Advanced Standing by Examination**

Up to 33 semester credits may be earned by any combination of the following programs:

### **A. Advanced Placement Examinations**

Students may receive credit for courses administered by the Advanced Placement Program of the College Board. Students scoring a 4 or above on an AP exam in any discipline offered by the College will be given academic credit. Students scoring a 3 may be given credit, subject to a verification examination administered by the College faculty in the appropriate discipline. The determination of the exact course equivalence for AP credit will be made by the Registrar in consultation with faculty in the appropriate discipline.

### **B. Credit by Examination**

Students with a strong academic background may petition the Dean of the Faculty to take any course by examination. The student's petition must have the approval of the student's advisor, the faculty member who teaches the course, and the division chair in whose division the course is located. The grade earned on the exam will be recorded on the student's transcript. Academic credit for the course will be granted for a grade of D or better. A non-refundable fee per credit hour must be paid prior to taking the exam.

## **II. Advanced Standing for International Baccalaureate**

Lyon College awards up to 30 hours toward program requirements and graduation for documented scores of at least 5 on the higher-level tests in the International Baccalaureate program. However, no more than 8 credits may be earned in any one of the testing areas. Disciplinary faculty will determine the course equivalents to be awarded.

## **III. Transfer Credit**

A maximum of 72 hours can be transferred to Lyon College from accredited two-year and four-year institutions of higher learning, provided the courses are in areas of instruction offered by the College and the grade earned was a "C" or better. (Pass/Fail courses will transfer if the student can demonstrate that the grade earned would have

been a “C” or better.) Normally, Lyon College will not accept correspondence course work. **Transferred grades will appear on the student’s transcript, but will not be figured into the Lyon College GPA.**

Students academically suspended from another institution must wait at least one semester before being admitted to Lyon. They and students on academic probation at another institution will be admitted to Lyon on academic probation.

Students currently enrolled at Lyon College must obtain permission to take academic work at other institutions if they wish to transfer the credit earned to Lyon College. All Core proficiency courses with the exception of courses in foreign languages not offered at Lyon must be verified by Lyon examination before credit is awarded.

Lyon College reserves the right to determine course equivalence for transfer credit. Transcripts will be evaluated by the Registrar upon admission to the College, and students will be notified of their standing through their advisors.

## **IV. Advanced Standing for Military Service**

The College grants academic credit for learning acquired in the military in accordance with the Guide to the Evaluation of Educational Experiences in the Armed Services. The one exception to this is that the College will not accept military service as physical education credit unless it is taken concurrently with the student’s enrollment at the College.

## **Academic Calendar**

The Lyon College academic calendar is divided into two 15-week semesters. The fall semester begins in late August and ends with the final examination period before the Christmas holidays. The spring semester begins in mid-January and concludes in early May. The College does not normally offer courses between semesters, except approved Nichols International Studies courses and directed/independent studies. The College also offers summer school separate from the regular academic year.

## **Student Course Loads**

The unit of measure at Lyon College is the semester credit. One hundred and twenty (120) semester credits are required for graduation. Therefore, a total of 30 credits during the academic year is considered a normal load.

For the fall and spring semesters, the minimum course load for a full-time student is 12 credits per semester.

The maximum course load is 18 credits per semester. Students wishing to take more than 16 credits per semester must have maintained the following grade point averages (GPA) in the preceding semester: for 17 credits, a 2.50 GPA; and for 18

credits, a 3.00 GPA.

Veterans, athletes, and students receiving financial aid are required to take a minimum of 12 credits during the fall term and 12 in the spring semester to be eligible for the benefits accorded full-time students. Veterans may not count as part of their 12 credits a course taken on a pass-fail basis or a course repeated unless they are required by Lyon regulations to repeat it.

Six credits is considered a full time load for summer session. Ten credits is the maximum load.

## Student Registration

Students can receive credit only in those courses for which they are properly registered. Students are also held responsible for every course for which they register unless they officially drop or withdraw from the course by the stated deadlines. A student who is registered for a course at the end of the registration period (final day to enroll for a course) is considered to have “attempted” the course.

**Registration is not complete or official until fees are paid or arrangements for payments have been made with the College Business Office. Validation of registration must be completed by the final day to enroll.**

## Courses Changed or Dropped

Courses may be added through the sixth day of classes using an add/drop form. Ordinarily, permission to add courses will not be granted after the sixth day of classes of each term. A course dropped before the 11th day of classes will not appear on the student's transcript. For each course dropped between the 11th day of classes and five class days after the release of mid-semester grades, a grade of “W” will appear on the transcript. Under exceptional circumstances, and with the dean's approval, a student may drop a course between the end of the five-day class drop period following the release of mid-semester grades and the last day of classes; in this case a grade of “WP” or “WF” will appear on the student's transcript. A course may not be dropped once the final examination period has begun except in the case of extreme medical emergency and with the dean's permission; in this case a grade of “WP” or “WF” will be issued.

## Withdrawal from College

If students are unable to complete their academic work, they may withdraw from the College prior to mid-term. A student may not withdraw from the College after mid-term grades are due, except for medical reasons. To withdraw from the College, a student must consult with the Dean of Students and receive the written permission of the Dean of the Faculty and the Dean of Students. Their transcripts will indicate

that their current courses were incomplete by recording either a “WP” or “WF” for each course. Failure to complete the withdrawal process within three business days after initiation will cause a grade of “F” to be recorded for every course in which they are enrolled. Students who have withdrawn from the College must be reviewed by the Admission and Financial Aid Committee before being readmitted.

A student may be withdrawn from a single course or from all courses under several other conditions. The College may withdraw a student following procedures stated in the *Student Handbook*. If students fail to meet the stated requirements of a course, the faculty member may request that the Dean of the Faculty withdraw them from the course in question (see Class Attendance). Before administering the withdrawal, the Dean will warn students that they are in jeopardy. Any student may be administratively withdrawn from the College for social or academic irresponsibility. The withdrawal will be issued by the Dean of the Faculty or the Dean of Students, and, where possible, preceded by a written warning.

## **Student Leave of Absence**

To request a leave of absence, a student must consult with the Dean of Students. To be granted a leave of absence, a student must be in good academic standing and receive the written permission of the Dean of the Faculty and the Dean of Students. The leave of absence will include a specified date of return and, where appropriate, any conditions for return, both to be determined when the leave is granted. Students on leave will be readmitted without re-application, retain their College-supported financial aid, and select housing and register at the same time as currently enrolled students.

## **Independent Study**

A student may enroll in a course of study not listed in the Lyon College Catalog to pursue independent research. For this, a student needs a full-time faculty member to supervise the independent study. The course number prefix will conform to the appropriate discipline. Variable credit is allowed up to a total of six semester credits. The student must file with the Registrar an independent study form signed by the full-time faculty member serving as supervisor, Chair of the Division in which credit is to be awarded, and the Dean of the Faculty, before enrolling in the course. The College is not under any obligation to offer a course through independent study.

## **Directed Study**

A student may enroll in a course listed in the Lyon College Catalog as a directed study under the direction of a full-time faculty member in the discipline under which the course is listed. The normal course title and number will be listed on the student's

transcript preceded by the letters “D.S.” or “Directed Study.” The student must make arrangements for the directed study with the appropriate faculty member and division chair and submit the signed Directed Study Form to the Registrar for approval by the Dean of the Faculty. The College and the faculty are not obligated to offer any course through directed study, and doing so will depend on many factors including faculty willingness and availability as well as whether the course could be taken at a regularly scheduled time in the future and whether it is a requirement for graduation.

## Student Classification

Classification lists will be compiled by the beginning of each term and will be based on the number of credits successfully completed.

Freshman less than 30 hours

Sophomore 30-59 hours

Junior 60-89 hours

Senior 90 plus hours

## Class Attendance

Students are expected to attend all class periods for the courses in which they are enrolled. They are responsible for conferring with individual professors regarding any missed assignments. Faculty members are to notify the Registrar when a student misses the equivalent of one, two, three, and four weeks of class periods in a single course. Under this policy, there is no distinction between “excused” and “unexcused” absences, except that a student may make up work missed during an excused absence. A reminder of the college’s attendance policy will be issued to the student at one week, a second reminder at two weeks, a warning at three weeks, and notification of administrative withdrawal and the assigning of an “F” grade at four weeks. Students who are administratively withdrawn from more than one course will be placed on probation or suspended (see Academic Probation and Academic Suspension).

## Grades

Grades in courses for the term are indicated as follows: A, meaning excellent; B, good; C, satisfactory; D, poor, but passing; I, incomplete; F, failure; P, passing; W, withdrawal; IP, in progress; FL, failure, not included in GPA; WP, withdrawal passing, not included in GPA; and WF, withdrawal failing, not included in GPA.

**Pass/Fail:** After gaining sophomore standing, any student may enroll for one elective each academic year on a Pass/Fail basis, provided that it is not a Core requirement or part of the student’s major, concentration, or minor. Prerequisites for Nichols courses may not be taken Pass/Fail. Nichols courses may not be taken Pass/Fail without the instructor’s permission. Students must notify the Registrar within two weeks after the term begins if they wish to be graded on the pass/fail basis. Students must notify the Registrar within two weeks after the term begins if they

wish to remove the pass/fail grading basis. Such courses are not included in determining grade point average, and do not qualify for veteran's benefits.

**Repeated Courses:** When a student repeats a course, the grade for each attempt remains on the student's transcript. However, the most recent grade will be used in calculation of the student's grade point average and the awarding of credit hours. Repeated courses must be taken at Lyon.

## Incomplete Grades

In cases where students are not able to complete the requirements of a course due to circumstances beyond their control, a grade of incomplete (I) is reported. Filing of an incomplete grade form is required. The student is required to complete the work no later than the date in the following semester specified in the Catalog. If the incomplete is not removed, the grade becomes an "F."

## Grade Point Averages

The grade point is the evaluation of each course according to the grade received on a four-point scale. "A" carries four points, "B" three, "C" two, "D" one, and "F" zero per credit hour.

The grade point average is the total number of grade points divided by the total number of credits attempted. Courses dropped before the last day to drop a course are not counted as part of the total number of courses attempted for the purpose of computing the grade point average. Transferred grades are not calculated into the Lyon College GPA.

The following is an example of how the GPA is computed for a semester:

COURSE	SEMESTER CREDIT	GRADE	GRADE POINTS
RPH 110	3	B	3 times 3 = 9
CHM 220	4	B	4 times 3 = 12
HIS 201	3	C	3 times 2 = 6
ENG 110	3	A	3 times 4 = 12
TOTALS	13		= 39

Grade Point Average = 39 divided by 13 = 3.00

## Grade Reports

Final grades are issued at the end of the fall, spring and summer terms. Mid-term grades will be issued for courses in the fall and spring semesters only. Final and mid-term grades may be accessed online once they have been validated by the Office of the Registrar. Grade reports will also be mailed upon request to students and the parents/guardians of dependent students (students declared as a dependent for income

tax purposes by parents/guardians).

## **The Dean's List**

To be on the Dean's List, a student must earn a 3.75 grade point average on a minimum of 12 graded hours taken at Lyon in a semester. Grades earned at UACCB under the College Opportunity Program do not count. Students with incomplete grades at the end of the semester will be eligible for the Dean's List designation if they complete their work by the date for removal of incomplete grades and meet the above criteria. Students must earn 12 credits exclusive of any elective Pass/Fail credits to be eligible for the Dean's List designation.

## **Graduation with Honors**

Cumulative grade point averages required for graduation with honors are: summa cum laude, 3.90; magna cum laude, 3.75; cum laude, 3.50.

## **Academic Probation**

A student will be placed on academic probation if any one of the following conditions occurs:

- 1) If a student's grade point average falls below 1.50 in any semester;
- 2) If a student's cumulative grade point average fails to meet the minimum for his/her class (freshman 1.75, sophomore 1.90, junior 2.00, and senior, 2.00);
- 3) If a student is administratively withdrawn for non-attendance from 2 courses taken in a single or separate semesters; or
- 4) If a student fails a Core proficiency course twice.

The status of students on probation will be reconsidered after each semester. At that point, students will be:

- 1) Removed from probation if they meet all conditions for good standing (see 2 above).
- 2) Continued on probation for a total of up to three semesters if their semester grade point average meets the minimum for their class while their cumulative grade point average remains below the minimum.
- 3) Suspended if they meet neither of the above two conditions.

## **Academic Suspension**

A student will be suspended for at least one semester if any one of the following conditions occurs:

- 1) If a student does not meet the conditions under Academic Probation for the removal or extension of probation.
- 2) If a student is administratively withdrawn for non-attendance from three



courses while enrolled at Lyon.

3) If a student fails a Core proficiency course three times.

While under suspension a student may take one course at the College during a regular semester or two courses during summer session. Making a D, F, W, or I while under suspension will result in the loss of permission to take any course work while under that suspension. Exceptions to this policy must be approved by the Admission and Financial Aid Committee.

In order to return to Lyon as a regular student after a period of suspension, a student must either (1) have the stated GPA (freshman, 1.75; sophomore, 1.90; junior, 2.00; and senior, 2.00); or (2) apply for re-admission to the Admission and Financial Aid Committee.

## **Confidentiality of Records**

Lyon College provides access to educational records in accordance with the Family Educational Rights and Privacy Act (FERPA). The Privacy Act ensures the rights of students to inspect, amend and consent to disclosure of all “education records” covered by the Act. The parents and guardians of dependent students (declared as a dependent for income tax purposes) also have access to these education records. Under no circumstances may students be required to waive their rights under FERPA before receiving College services or benefits.

Student records not covered under this policy are employment records, medical and counseling records, law enforcement records maintained by the Dean of Students, financial records of parents, personal notes of Lyon faculty and staff and confidential letters and recommendations for which students have waived their right to review.

Lyon College has designated in accordance with FERPA “directory information,” which is releasable without prior student consent. A list of directory information items is available from the Office of the Registrar. Students not wishing some or all of the directory information to be released must file with the Office of the Registrar a written request to this effect annually at the beginning of the fall semester.

Additional information on the College’s policy on the confidentiality of educational records can be obtained from the Office of the Registrar.

## **Exceptions to Academic Policies**

Unless otherwise specified, exceptions to the above academic policies may be granted by the Dean of the Faculty upon petition.

## **Disabilities**

Students with physical, neurological, emotional, or learning disabilities which

affect their academic performance may request reasonable accommodations for such disabilities. To do so, a student must inform the Office of Academic Services, in writing, of his/her disability and the nature of its effect on academic performance, and provide additional information as specified in the College's guidelines. The guidelines are available in the Office of Academic Services.

## **Transcript Requests**

Lyon College offers an electronic transcript request service to students through our trusted partner SCRIP-SAFE. Transcripts requests may be made in two ways: go to <https://iwantmytranscript.com/lyon> or by making a request through the student's myLYON account. A transcript will not be released until all financial and/or administrative obligations to the College have been satisfied.

## **Graduation Rates**

In accordance with the Student Right-to-Know and Campus Security Act, Lyon College annually publishes a report on graduation rates at the College. The report is available from the Office of the Registrar.

## Campus Life

Campus life at Lyon is infused with a strong sense of community, enriched by the Honor and Social Systems, which afford students a great measure of personal freedom while requiring of them an equal measure of responsibility. A supportive campus culture provides an excellent backdrop for the College's campus life programs, designed to encourage learning, growth, participation, and leadership.

Within the College community, the role of the student life staff is to foster an atmosphere in which learning and growth are primary emphases. Lyon College's student life programs are geared toward the development of the whole person, with attention to the intellectual, emotional, social, physical, and spiritual dimensions of learning and maturing.

Lyon students take active roles in all aspects of college life. The Student Government Association gives students a voice in shaping institutional goals and priorities. Through the Honor and Social Systems, students take responsibility for maintaining the highest standards of integrity and responsibility within their community.

Social life on the campus is active and varied. Lyon students are inventive and energetic in their social and recreational pursuits, and an extensive program of student activities offers entertainment, participation, cultural diversity, recreation, and collegiality.

Lyon students also participate in a variety of campus organizations. Clubs, societies, and special interest groups bring faculty, staff, and students together to explore shared interests. Publications and artistic opportunities provide students with creative outlets. The outdoor program allows students to take full advantage of Lyon's location in the Ozarks. Intramurals offer students a range of sports and activities designed to develop lifelong habits of fitness, and to provide opportunities to enjoy the camaraderie of competition and team participation. Lyon is the only private college in Arkansas which sponsors national sororities and fraternities.

There are numerous opportunities for spiritual growth and service at the College. Weekly worship services are available on campus, and area churches welcome Lyon students. The College Chaplain works with Campus Ministries to provide leadership and direction to campus religious activities, centered around worship, study, fellowship, service and spiritual development.

Campus life is an important dimension of the educational experience at Lyon. It exposes students to a diversity of persons, opinions, and lifestyles and provides them with daily opportunities to play productive roles in the life of an active community of learners.

## The Honor and Social Systems

Lyon students commit themselves to high standards of personal integrity through the Honor and Social Systems. These incorporate an honor pledge, a code of honorable conduct, standards of student behavior, and a series of procedures carried out by the Honor and Social Councils, which are chosen by the student body.

Beginning in the 1920s, students and faculty experimented with an honor system, but this experiment was abandoned after World War II. The honor system was re-established in 1992, when the college community voted to adopt a new Honor System, reaffirming the institution's commitment to standards of honor.

The Honor System is based upon the belief that Lyon undergraduates are mature individuals, capable of acting honorably in academic matters without faculty surveillance, and that they should be encouraged to take responsibility for their own conduct as individuals and as a community. By signing the Lyon College Roll of Honor upon matriculation, students commit themselves to the ideals embodied in the Honor System — integrity, responsibility, and a regard for others — and recognize their own responsibility to assist in maintaining an environment in which honorable conduct is expected.

The Lyon College Honor Pledge states:

*"I will abstain from all fraud in academic work. I will neither give nor receive aid on any form of test or assigned work where such aid is prohibited, nor tolerate this conduct in any member of the community. I will deal responsibly with such acts when I observe them. By my conduct and influence, I will endeavor to build a high standard of honesty and truthfulness in all academic work."*

The Honor System is maintained and administered by the students through the Honor Council, made up of 22 students elected by the student body. The purpose of the Honor Council is to foster a spirit of honor on campus and to hear and act upon alleged violations of the Honor Code.

The Honor Council is empowered to try students who are charged with Honor Code violations, and in the event of a conviction, to impose penalties up to and including expulsion from the College.

The full text of the Honor Code is found in the *Student Handbook*.

The Social System was developed in 1994 as an outgrowth of the Honor System and in keeping with the philosophy that students should assume a significant role in shaping their lives at Lyon. The system establishes a code of conduct by which Lyon students agree to abide.

The Social System is maintained and administered by the students through the Social Council, made up of 15 students elected by the student body. The Council's responsibility is to uphold the College's Social System and to uphold the rights of each student during investigations and hearings. The Council investigates allega-

tions, conducts hearings when necessary, and may impose penalties up to and including expulsion. The full text of the Standards of Student Behavior is in the *Student Handbook*.

## Residence Life

The integration of academics and co-curricular life are embodied in the design of the residential life program at Lyon. On-campus residence life is designed around small group living, with each residence area under the leadership of student Resident Directors and Resident Assistants. Group activities and programs to support personal development – with an emphasis on intellectual, social, emotional, physical, and spiritual growth – are a part of the residential life program. All residence halls and apartments offer wireless connections to the campus computer network and through it, e-mail and Internet access.

Lyon offers a house system in which campus residences are divided into three groupings, or 'houses,' two with a live-in member of the faculty who design programs to integrate the academic and co-curricular aspects of campus life. Young House opened in 1993. Spragins House, which accommodates first-year residential students, opened in 1997.

Single, full-time students under 21 years of age and living 30 or more miles from the Lyon campus are required to reside on campus. Single, full-time students under 21 years of age may commute daily from the home of their parents or legal guardians if within 30 miles of the campus. Students who are veterans, reside with their spouse, or are 21 years of age or older may reside off campus provided that they have informed the Director of Campus Life in writing prior to the assignment of on-campus housing. Exceptions to these policies must be approved by the Dean of Students. See the *Student Handbook* for more information on rules and regulations pertaining to residence life.

## Student Activities

### Edwards Commons

Edwards Commons is the central gathering and programming space for students, student activities, recreation, and campus dining. Completed in August 2012, Edwards is the newest campus building. It contains the campus store; student mailboxes; the dining room and bistro; student programming space; a game room featuring table tennis, pool tables, Foosball, and Wii; a cardio exercise room; student government offices; conference rooms; the counseling center, health and wellness clinic, and the student life office.

## **Campus Organizations**

Clubs, societies and special interest groups abound at Lyon. Interest groups and service organizations include Anthropology Club, Art Students Society, American Chemical Society, Baptist Collegiate Ministry, Black Students Association, Campus Ministries, Catholic Campus Ministry, Fellowship of Christian Athletes, Gay Straight Alliance, Habitat for Humanity, Red Cross Club, Student Activities Council, Spanish Club, Student Government Association, and Wesley Fellowship. Students may also propose new organizations of interest.

The Student Activities Council provides activities and diverse entertainment for students, faculty, staff, and the surrounding community. SAC brings comedians, novelty performers and musical groups to campus as well as works on campus traditions such as Homecoming and the Big Show. It also plans various other opportunities and activities. Through its programs, SAC promotes cross-campus involvement and unity as well as enrichment of the liberal arts education.

## **Greek System**

One third of the students living on campus belong to Greek social organizations: Alpha Xi Delta, Chi Omicron, Kappa Sigma, Phi Mu, Tau Kappa Epsilon, and Zeta Beta Tau. Fraternities and sororities play an important role in providing an active social climate for the campus. They also emphasize service to the college and the community.

## **Honor Societies**

Alpha Chi (juniors and seniors whose GPA's rank in the top 10%) heads the list of academic honor societies at Lyon. Others include Alpha Psi Omega (national dramatics fraternity), Chi Beta Phi (national scientific honorary fraternity), Kappa Delta Pi (national education honorary fraternity), Kappa Pi (international honorary art fraternity), Omicron Delta Epsilon (economics honorary fraternity), Phi Alpha Theta (national history honor society), Phi Sigma Tau (national philosophy honor society), Sigma Beta Delta (business, management and administration majors), Sigma Delta Pi (national Spanish honor society), Psi Chi (psychology majors), Sigma Tau Delta (national English honor society) and Theta Alpha Kappa (national religion honor society). The College also sponsors Mortar Board, the National Honor Society for college seniors.

## **Student Government**

The Student Government Association (SGA) gives Lyon students a voice in shaping institutional priorities. Students present their ideas, opinions, and concerns and become involved in the development of college policies. Through its budgetary

resources, the SGA has a direct influence upon the quality of campus life by providing programs, co-sponsoring others, and appropriating funds to support various student initiatives in strengthening the quality of campus life.

The four executive officers of the SGA – the president, vice-president, secretary, and treasurer – are elected by a vote of the student body. The SGA officers, along with elected representatives of all campus residences, commuter students, and elected representatives of each class make up the Student Assembly, a student organization responsible for legislating issues of student life and an important element in the College governance system.

Every student admitted to Lyon is a member of the SGA. Students are encouraged to vote in elections and to convey their opinions and concerns to their representatives who work with the administration to plan activities and strengthen student life at the College. The Constitution and by-laws of the SGA are in the *Student Handbook*.

## Outdoor Program

The Lyon Education & Adventure Program (LEAP) provides opportunities for students, faculty and staff to have fun, learn, grow and develop outdoor skills, leadership skills, and an appreciation for the environment. This program takes advantage of the ready accessibility to the many opportunities afforded by Lyon's location in the foothills of the Ozark Mountains.

Outdoor Recreation trips are at the forefront of the program along with workshops and clinics to learn new skills in the outdoors and apply them to the classroom and life. LEAP also offers a Leadership Development Program designed to put students in leadership roles and allows them to practice their decision-making skills, promote self discovery, confidence and other leadership skills. Students can also attend skill workshops and become co-leaders on outdoor trips. They can progress through the program to become a full trip coordinator and then eventually plan and run trips themselves. This requires a commitment to the program and some additional medical training and competence.

Outdoor Recreation trips are open to all students. There is a selection process for participation in the Leadership Development Program.

## Campus Ministry

The Campus Ministry Program is based on the conviction that opportunities for religious expression, the search for moral values, and responsible community involvement are basic to education in the context of the Judeo-Christian tradition. The program offers a broad spectrum of activities and experiences designed to inspire life-long religious inquiry, faith dialogue, community service and personal growth in

a way that is relevant to campus life as well as to the concerns of society and the global community. Weekly chapel services offer the college community worship opportunities and a forum for the development of worship leadership skills and tools for discerning a vocational call. Participation in these activities is voluntary. Under the direction of the Campus Chaplain, Lyon Campus Ministries sponsors special events, fellowship activities and service projects.

## Student Publications

Students interested in writing, editing, design, photography, advertising, and publishing have the opportunity to work on the campus newspaper, *The Highlander*, and the literary magazine, *The Wheelbarrow*. Students under the guidance of a Student Publications Board produce these publications. *The Highlander* plays an important role in informing the college community and exploring the range of opinions on campus issues. *The Wheelbarrow* publishes stories, essays, and poetry written by students, faculty, and staff.

## The Scottish Heritage Program

Founded by Presbyterians in 1872, Lyon College has, over the years, celebrated its Scottish heritage in many ways. From the choice of its athletic mascot, the Scots, the College has developed a distinctive and multifaceted program that is known and respected throughout the United States, Canada, and more recently the United Kingdom. In addition to an international prize-winning pipe band, Lyon's Scottish heritage is promoted through a Scottish Arts bagpipe minor, college credit courses in Highland dance, and drumming, and an instructional outreach program. Our unique Lyon College tartan is now registered in Scotland.

From the humble beginning of three members, the Lyon College Pipe Band has grown to a highly competitive group. The band earned the distinction of placing second in its grade at the 2001 World Pipe Band Championships in Glasgow, Scotland. The College offers Scottish Heritage scholarships to pipers, drummers and dancers, within a range of skill levels.

## Opportunities in Music

Lyon College students enjoy a range of opportunities to express and explore their love of both vocal and instrumental music.

The Lyon College Concert Chorale is open to any interested student who passes a brief audition. The Choir performs a wide variety of literature, ranging from larger choral-orchestral works to folk songs and spirituals. The Choir presents several on-campus performances each year, including two large-scale concerts, and tours annually in the spring. Recent tour destinations include Atlanta, Chicago, Houston, New Orleans, San Francisco and the National Cathedral in Washington, D.C.



Instrumental ensembles include the Lyon College Flute Choir, the Lyon College Symphonic Winds Concert Band, the Lyon College Jazz Band, and the Lyon College Marching Band.

## **Opportunities in Theatre**

Harlequin Theatre, the oldest collegiate theatre organization in Arkansas, presents major productions in the fall and spring. Students from all disciplines are welcome to participate as actors, technicians, designers, and staff. The completion of the Holloway Theatre in 1991 provided the Harlequin Theatre with a space designed to meet the diversified needs of modern collegiate theatre.

Theatre at Lyon is part of the liberal arts educational process. Students are given opportunities to act, direct, design, and write plays. Students have their work exhibited at state and regional festivals. The Hyde Park Players is a student-run group offering students the opportunity of producing, directing, and designing their own shows in Holloway Theatre.

## **Cultural Events**

To support the broadening influence of the liberal arts curriculum, Lyon College provides its students with a variety of cultural events each year, ranging from lectures to art exhibits to concerts to films to theatre.

Such ongoing series as the Hugh B. Patterson Endowed Lecture Series, the Ashley-Lewis Endowed Concert and Recital Series, the Dan C. and Sidney Childs West String Music Endowment, and the Leila Lenore Heasley Prize Lecture support the College's efforts to provide an environment rich in cultural offerings.

# **Athletics**

## **Intercollegiate Athletics**

The intercollegiate athletic program at Lyon College provides student athletes with experienced coaching, appropriate facilities, and challenging competition.

Women's varsity teams at Lyon compete in basketball, golf, soccer, softball, volleyball, and wrestling. Men's varsity teams compete in basketball, baseball, golf, football, soccer and wrestling.

The Scots are student-athletes, recruited both for academic promise and athletic excellence. Students may try out for these teams and for the varsity cheerleading squad that provides them with support. As a member of the TranSouth Conference, the intercollegiate athletic program at Lyon is governed by regulations of the conference and the NAIA.

Varsity athletic facilities include Becknell Gymnasium, home to Lyon basketball and volleyball; lighted tennis courts; a cross-country course; a soccer field, baseball and softball fields and an indoor practice facility.

## **Intramural Athletics**

The intramural athletic program at Lyon is an integral part of campus life. In addition to providing an opportunity for students to build healthy and active lifestyles, physical skills, and good sportsmanship, the program provides a frequent and natural occasion for camaraderie and fun.

The program offers an extensive schedule of competitions. Teams and individuals participate in flag football, basketball, softball, tennis, volleyball, badminton, free throw shooting, table tennis, miniature golf, horseshoes, campus golf, and a variety of special competitions.

Facilities for recreational athletics include an indoor swimming pool, basketball courts; a weightlifting and fitness area; an aerobics gym; lighted tennis courts; an outdoor walking track; fields for football, soccer, and softball; and a sand volleyball court.

## **Student Life**

### **Career Development Center**

The Career Development Center provides a wide array of programs and assistance to students throughout their four-year experience at Lyon. The Career Center tailors programs, services, and workshops to meet the diverse needs of individual students. The Center's open-door policy encourages students to build relationships with Career Center staff and to feel comfortable seeking assistance.

The Career Center provides career guidance, planning, and exploration in various ways, including:

- Administering and interpreting personality, skill, and interest inventories
- Providing various career-related resources for students' use in the career library
- Providing virtual career services online
- Guiding students through selecting and applying for graduate study

The Career Center staff also host a variety of career preparation workshops and events, including Grad School Expo, professional panel discussions, resume and cover letter writing sessions, interview and networking skills workshops, job search preparation workshops, and career decision-making workshops.

In addition to these career preparation events and workshops, the Career Center provides students with a variety of hands-on opportunities as part of its experiential education program. The Career Center provides these opportunities by:

- Assisting students in securing internships, job shadowing opportunities, and providing job search links
- Posting internship and job openings both on campus and online
- Hosting on-campus recruiter visits and interviews for various employers
- Connecting current students to alumni for advice, encouragement, and assistance.

The Career Center also offers a one-credit business seminar entitled *Career Professionalism*, which guides students through an integrated process of self-evaluation, career exploration, and the creation of effective self-marketing strategies and tools.

## Counseling

Lyon College Counseling is committed to helping all students achieve maximum benefit from attending Lyon. A full-time Licensed Professional Counselor provides both counseling and consultation services to students. These services strive to meet the psychological needs of students by providing a safe, supportive, and confidential environment that empowers students to explore personal and interpersonal concerns. For most students, the college years represent many unique challenges. This time is one of significant personal exploration, growth and decision-making regarding one's values, interpersonal relationships, and life goals, all within a challenging academic environment.

Students can be seen individually for appointments at no cost to the student. Educational programs are also offered through this office relating to mental health issues. Various resources provided by this office include books, videos and pamphlets on a variety of topics and a website with links on a multitude of mental health issues. Local community resources are also available to students through referral by the college counselor. Any costs associated with the use of community resources are the responsibility of the student.

## Health and Wellness

The College health clinic is located in Edwards Commons and is staffed by a BSN Registered Nurse, who sees students as needed. Clinic hours are Monday through Friday, 8 a.m. until noon and 1 p.m. to 5 p.m., August through May. The clinic offers first aid for minor injuries, symptomatic treatment for minor illnesses, education and screening programs, as well as resource and referral information. All on-campus health services are free. Referral to a physician or to community health agencies is at student expense. Students who become ill or injured when the clinic is closed should contact their Resident Assistant, Resident Director, Campus Safety, the physician of the student's choice, or the emergency room at the White River Medical Center.

If the student's private physician desires the Clinic to continue treatment begun in the physician's office, a written statement of the condition being treated and orders for the type and duration of necessary treatment must be furnished by the physician. Allergy injections are one such treatment which the Clinic will provide upon request.

All full-time students must complete a health form which allows the Clinic to maintain accurate information regarding their health.

Student immunization requirements follow those established by the laws of the State of Arkansas. They include:

- All full-time students and all part-time students residing on campus who were born after January 1, 1957, are required to provide proof of immunity against measles and rubella. Documentation may be provided by Arkansas school records, a physician's record, or Health Department records and must include two doses of Rubeola (measles), one dose of Mumps, and one dose of Rubella (German measles).
- All students born in a country where TB is endemic must provide proof of a negative TB screening completed in the U.S. or Canada during the last six months or they must complete such a screening through the local health department (for a nominal fee) promptly upon arrival at Lyon. Further requirements may be imposed for students with a positive TB screening before enrollment can be continued.

## **Testing**

Lyon serves as a national test center for the American College Test (ACT), Scholastic Assessment Test (SAT), and The Praxis Series: Professional Assessments for Beginning Teachers (PRAXIS I and II).

## **Campus Safety**

Professional safety personnel provide security service 24-7. Campus Safety officers enhance the safety of people and property on campus, interact with students to increase their awareness of security and safety issues, assist with energy conservation, and help maintain college policies.

## **Upward Bound Programs**

The College hosts two Upward Bound programs, which assist selected area high school students in preparing for college and provide Lyon students opportunities to serve as mentors, counselors, and tutors. The APPLE Project serves students throughout the school year and during a summer residential session. The Upward Bound Math/Science Program provides a summer enrichment program with emphasis in math and science, and a limited academic-year component, administered primarily by e-mail and mail to students in selected Arkansas high schools.

## Admission to Lyon College

Lyon seeks to enroll students who can contribute to and benefit from the residential liberal arts education the College offers. Admission to Lyon is selective, and the College draws students from a variety of educational and social backgrounds. Students with lively intellects, a strong work ethic, a capacity for leadership, good character, and emotional maturity will find Lyon to be a supportive and fulfilling environment.

Lyon holistically reviews applicants and admits students prepared for rigor in a very challenging environment and demonstrate strong leadership and activity experience. Because the academic preparation of students in high school is so important in developing their capacity to succeed in college, the enrollment services office, in reviewing applicants' admission materials, pays close attention to the quality of the curriculum available to and taken by them. Prospective students are encouraged to take advantage of the college preparatory curriculum that is available to them during their high-school careers. Ordinarily, qualified applicants for admission will have taken at least 15 high school units in the following subjects: English (4 units); mathematics, including Algebra I and II and Geometry (3 units); social studies (3 units); natural sciences, including, if possible, one lab science (3 units); and foreign language (2 units). Lyon strongly recommends applicants take a challenging curriculum in the twelfth grade, including mathematics and science courses and, if possible, a foreign language at a level beyond the second year. ACT and/or SAT scores are required for review as well. Lyon acknowledges students' accomplishments in earning high scores on the American College Test (ACT) or Scholastic Assessment Test (SAT), while recognizing that standardized testing is only one of several factors which can help predict a student's academic success in college. We will "super score" sub-scores from different test dates to see students' highest potential in each sub-section. Mean GPA and ACT scores for the class of 2018 (students enrolling in 2014) were 3.62 (4.0 scale) and 25.1 respectively.

Applicants who have earned a General Education Development (GED) certificate in lieu of a high school diploma must submit GED scores with their applications. A minimum GED score of 45 is required. Applicants who have not completed high school or non-traditional-age students (over 21 years old) who have been out of high school for a while without attending another institution of higher learning may be admitted to Lyon on the basis of their "ability to benefit" from a Lyon education. Such a determination is made on the basis of available records of academic performance, standardized test scores, and life experiences.

Admission to Lyon is not limited by the race, sex, color, creed, handicap, or national origin of the applicant.

## Categories of Entrance into Lyon College

Students may apply to Lyon as degree-seeking or non-degree-seeking students. A student in either category may apply as a **full-time** (not less than twelve semester hours) or **part-time** (fewer than twelve semester hours) student. Degree-seeking students may apply for entry in the fall or spring semester, although it is more common for them to enter Lyon in the fall; non-degree-seeking students may apply for entry in the fall, spring, or summer term. Only degree-seeking students (full- or part-time) are eligible for financial aid.

A degree-seeking student who has earned a high school diploma or a GED certificate but has not enrolled full-time as a degree-seeking student at another institution of higher learning prior to enrolling at Lyon is classified as a **first-time student**. A degree-seeking student who has earned a high school diploma or a GED certificate and has enrolled full-time as a degree-seeking student at another institution of higher learning prior to enrolling at Lyon is classified as a **transfer student**. A student who enrolled at Lyon as a degree-seeking student, withdrew prior to completing a baccalaureate degree, and seeks readmission as a degree-seeking student may be classified either as a transfer student or as a **readmitted student**, depending on circumstances.

There are also several categories of non-degree-seeking student. An **auditing student** is one who enrolls in a course without receiving credit. A **post-baccalaureate student** is a full- or part-time student who already holds a baccalaureate degree from an accredited institution. A **transient student** is a student who is pursuing a degree at another institution of higher learning while taking courses at Lyon. A **part-time high school student** is a student who is still in high school but is taking a course at Lyon to earn college credit or partake of curricular offerings that the high school does not offer.

Non-degree-seeking students who wish to move to degree-seeking student status and students seeking readmission to Lyon must submit a new application to the enrollment services office. All grades that a student earns at Lyon, regardless of his or her status, remain a part of the student's permanent record and will be used in the calculation of his or her grade point average.

## Application Procedures

All persons wishing to enroll at Lyon must submit a completed application to and be accepted for admission by the enrollment services office. Applications are considered on a rolling basis, which means that applicants can ordinarily expect an admission decision within one week of the submission of their completed application. Applicants for fall semester enrollment are encouraged to complete their applications for admission no later than the May 1 National Candidate's Common Reply

Date. The final application deadline for domestic students to apply is one week prior to the first day of the academic session for the fall, spring, and summer terms.

Students applying for admission must submit the following application materials. (Students who wish to submit official ACT or SAT I scores to Lyon should note that Lyon's ACT institutional code number is 0112 and its SAT code number is 6009.)

### **I. First-year students**

- A. An application for admission.
- B. A \$25 non-refundable application fee.
- C. Either an official high school transcript from each high school attended or a GED certificate (minimum score of 45).
  - 1. First-year students who have taken any college coursework must also submit an official academic transcript from those institutions. First-year students wishing to transfer credit from another college should refer to the "Academic Rules and Regulations" section for the institutional policy on accepting transfer credits.
  - 2. Students wishing to transfer Advanced Placement (AP) or International Baccalaureate (IB) credit may do so in accordance with College guidelines, upon receipt by the Registrar of a transcript issued by the College Board (for AP credit) or International Baccalaureate.
- D. Official SAT I or ACT scores.

### **II. Transfer students**

- A. An application for admission.
- B. A \$25 non-refundable application fee.
- C. Official college transcripts from each college attended. Transfer applicants wishing to transfer credit from another college should refer to the "Academic Rules and Regulations" section for the institutional policy on accepting transfer credits. Applicants with coursework earned at non-accredited institutions will be asked to verify transferable credits via placement tests. Students wishing to transfer Advanced Placement (AP) or International Baccalaureate (IB) credit may do so in accordance with College guidelines, upon receipt by the Registrar of a transcript issued by the College Board (for AP credit) or International Baccalaureate.
- D. Evidence of good academic and social standing at the last institution attended—normally this is reflected on official transcripts.
- E. A one page (~250 word) personal statement articulating the student's desire to transfer
- F. Proof of college algebra readiness (20 or 530 ACT or SAT math sub score respectively, or passage of an accredited, college level intermediate or college algebra course)

E. Students not college algebra ready or not having a 2.75 cumulative college GPA should also submit

1. Two letters of recommendation
2. If graduated from high school within last three years, official copies of all high school transcripts
3. A one-page (~250 word) personal statement articulating the student's desire to transfer

### **III. International students**

- A. Lyon application for admission, plus \$50 application fee, both submitted by July 1 for students beginning in the fall semester or December 1 for students beginning in the spring semester
- B. Test score: Official ACT, SAT, TOEFL, or IELTS scores
- C. One page (~250 word) personal statement describing why student wants to enroll at Lyon
- D. Proof of graduation from secondary school, certified by an NACES agency (if applicable)
- E. Official transcripts from any non-US college or universities attended, evaluated by an NACES agency
- F. Official transcripts from any US schools and/or universities attended
- G. Completed Supplemental and Financial Information Form and financial documentation in compliance with that form

### **IV. Students seeking readmission**

- A. An application for readmission.
- B. A \$25 non-refundable application fee.
- C. Official transcripts of any college work attempted in the period of absence.
- D. Students seeking readmission are required to provide, in lieu of the standard application essay, a statement outlining their reasons for withdrawing and for seeking to re-enroll and presenting a case that they can succeed at Lyon if readmitted. The enrollment services office may ask applicants to supply additional information or documentation in support of the statement.

Students applying for admission as non-degree seeking students must submit a Non-Degree Seeking Student Application, obtained from the enrollment services office, and any supporting materials requested.

## **Enrollment Procedures**

Applicants admitted as degree seeking students must submit a deposit to reserve their place in the entering class prior to matriculating at Lyon. Degree seeking full-time students who wish to live on campus must submit a \$200 enrollment deposit,



\$100 of which serves as a room damage deposit and \$100 of which will be applied to the bill for their first semester at Lyon; the \$100 housing deposit is waived for students approved to live off campus. Students are encouraged to submit the required deposit once they finalize their plan to attend Lyon. Offers of admission may be held open until May 1, the Candidate's Common Reply Date as agreed upon by the National Association of College Admission Counseling. The enrollment deposit is non-refundable after May 1.

Prior to matriculating at Lyon, students are required to submit a final transcript from any educational institution in which they were enrolled at the time of admission and any health records required by the state of Arkansas. If a student's final transcript demonstrates a level of academic achievement that is markedly below that established at the time of admission—or below a C average for the final term before transfer to Lyon—the College reserves the right to revoke its offer of admission.

## Early Admission

High school students wishing to forgo their final year of high school may apply for admission to Lyon. Their applications will be reviewed in the same manner as those of high school graduates. The College recommends such students make some provision to complete a senior-level English course. Early admission candidates will be admitted on their “ability to benefit” from a Lyon education, as determined by their academic transcript and standardized test scores.

## Chinese Outreach Program

Lyon is pleased to welcome freshman, transfer, exchange, and English for Academic Purposes (EAP) students from China. The College provides not only standard college/university level courses for Chinese students; but for those students who struggle with English, the College also provides an EAP program to prepare students for rigorous academic work in English. Students completing the EAP program may easily transition into degree seeking status at Lyon. Presently, Chinese students fall into one of four categories.

**1) Freshmen** are degree seeking students who have not previously been enrolled as degree seeking students in college/university courses full time. These students are generally expected to study at Lyon for four years and earn a bachelor's degree at the end of that time. Students applying as freshmen should send their application, secondary school transcripts (evaluated by an NACES certified organization), TOEFL or IELTS scores, and a one page personal statement describing why they want to study at Lyon. Requirements for admission as a freshman student are: 1) a minimum 79 TOEFL or 6.5 IELTS score and 2) a minimum 2.5 high school GPA. Students not qualified for admission under these criteria may consider Lyon's EAP program.

**2) Transfers** are degree seeking students who were previously enrolled full time

at another college/university either inside or outside the US. These students generally transfer some amount of course credit from their previous institutions to Lyon and go on to earn their bachelor's degree from Lyon within 2-3 years. Individuals applying as transfer students should send their application, all university transcripts (evaluated by an NACES certified organization), TOEFL or IELTS scores, and a one page personal statement describing why they want to study at Lyon. Requirements for admission as a transfer student are: 1) a minimum 79 TOEFL or 6.5 IELTS score and 2) a minimum 2.5 transfer GPA. Students not qualified for admission under these criteria may consider Lyon's EAP program.

**3) Exchange** students are those enrolled full time as degree seeking students at certain Chinese universities with which Lyon has exchange agreements who would like to study for 1-2 terms at Lyon and then return to their home institution to complete their education. Those applying as exchange students should submit their exchange application to Lyon along with a letter of support from their home institution's chief academic officer.

To be admitted, exchange students must apply for admission and 1) have the recommendation of their home institution's chief academic officer and 2) a satisfactory interview with the director of Lyon's EAP program.

**4) EAP** students are non-degree seekers enrolled in Lyon's English for Academic Purposes one year program. The EAP program exists to help international students who desire to study at Lyon but are not yet fluent enough with English. Student successfully completing the program may then enroll at Lyon as full time, degree seeking students. Their classification as Freshman or Transfer will depend upon their previous university enrollment in China.

Students applying to the EAP program should submit their application; secondary school and any university transcripts (all evaluated by an NACES certified organization); any TOEFL or IELTS scores they have (though these are not required); and a one page personal statement describing why they want to study at Lyon.

Admission into the EAP program is based on 1) the quality of students' applications and 2) a satisfactory interview with the director of Lyon's EAP program.

Student who have successfully completed the EAP program and wish to enroll as full time, degree seeking students at Lyon should submit an application for admission for Chinese students along with their certificate of EAP completion.

## The College Opportunity Program

Lyon and the University of Arkansas Community College at Batesville (UACCB) are committed to providing educational opportunities for citizens of Batesville and the surrounding region. To fulfill this commitment, the two institu-

tions have created the College Opportunity Program (COP). Its goals are two-fold: 1) to facilitate transfer from UACCB to Lyon so that students in the Independence County/Batesville area have an opportunity to receive a quality baccalaureate education at an affordable price without leaving home; and 2) to broaden the college offerings for students of both institutions through limited exchange. Students planning to transfer to Lyon are **College Opportunity Program transfer students**, and students taking a course or courses on their non-home campus are **College Opportunity Program exchange students**.

To be eligible for COP, students must be full-time, have the support of the chief academic officer at their home institution, and meet any prerequisites for the course or courses they wish to take. Students' tuition at their home college will cover course work taken at the host college.

## Articulation Agreements

Lyon has articulation agreements with Ozarka College in Melbourne, Arkansas State University-Beebe, Arkansas State University-Newport, and Northwest Arkansas Community College that allow students who complete all or a significant portion of the Associate of Arts degree at those institutions to transfer easily to Lyon. Satisfactory completion of an associate of arts (A.A.) degree at these two-year colleges with at least 60 hours of transferable coursework will guarantee junior standing at Lyon. Remedial courses are not transferable towards a Lyon degree.

In order for coursework to transfer to Lyon, the student must have earned at least a "C" in all courses used to satisfy Lyon's degree requirements, whether these are taken at Ozarka, ASU-Beebe, ASU-Newport, NWACC or another institution. Lyon and the other colleges may specify differing general education requirements.

## Rising Scholars Program

The Rising Scholars program allows local high school rising juniors and seniors having a 3.25 cumulative high school GPA or 23 ACT composite score to enroll in up to five Lyon courses, at the price of \$300 per class (excluding lab and course fees), before they graduate from high school. Lyon designed the program to provide young students opportunities to ease the transition into college, acquire college credits that will easily transfer to most institutions, and enhance their time in high school. The Rising Scholars program and prices apply to all Lyon fall, spring, and summer courses, depending on availability and academic eligibility. To apply to the Program, students need only inform the enrollment services office of their interest and submit Non-Degree Seeking Applications along with qualifying transcripts and/or ACT scores.

## Financial Information

At Lyon College, we are committed to making an educational experience of the highest quality available to qualified students. Tuition and fees account for about 45 percent of Lyon College's educational investment in its students. With a combination of affordable costs, extensive merit-based scholarship and financial aid programs, and academic programs of quality, Lyon College has been regularly recognized as one of higher education's best bargains among private, selective liberal arts colleges.

### Fees for 2015-16

The following summary outlines the basic charges by semester and year for the 2014-15 academic year.

	<u>Semester</u>	<u>Year</u>
Tuition (12-17 credits)		
New student	\$12,520	\$25,040
Room and Board	4,055	8,110
Student Activity Fee	120	240
Total basic cost for		
•typical new student	\$16,695	\$33,390
*Tuition per credit:		
More than 5 credits, less than 12 credits per semester .....		\$830
5 credits or less .....		\$420
*Board and Room per semester .....		\$4,055
Private room surcharge per semester (subject to availability) ...single room		\$520
.....double room		\$570
Sturbridge Apartment or House surcharge per semester .....		\$270
Presidential Scholars (per credit) .....		\$80
Summer School Fees (2016):		
Tuition per credit .....		\$420
Room per week .....		\$110
Meal Plan per week .....		\$125

*\*The College reserves the right to increase this charge if an increase in food or utility costs should demand.*

## Other Fees and Deposits

Application Fee .....	\$25 (U.S. citizen)
.....	\$50 (international)

Each student enrolling at Lyon College for the first time must pay this non-refundable fee when submitting an application for admission.

Enrollment Deposit .....	\$200
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A deposit is required of all students who have been accepted for admission. \$100 is credited toward the student's account upon registration for the academic term. For new residential students, the confirmation deposit also serves as the \$100 room damage deposit. Upon leaving Lyon the room damage deposit, minus any damage charges, will be applied to the student's account or refunded upon request.

International Student Health Insurance .....	\$1,308 per year
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All international students attending Lyon College are required to have active health care and accident insurance. Recognizing the various forms of foreign health care programs, the College has available a health care plan that is designed to meet these needs of international students. International students who have active coverage through other health care plans will have the opportunity to waive the College plan. International students not covered by such plans will be required to participate in the College plan to be billed at the rate of \$654 per semester. The College plan is provided by an independent insurance agency. The price is subject to change.

### Tuition/Room and Board

Refund Insurance (per semester) .....	\$144 (Commuters)
.....	\$189 (Residential Students)

Lyon College has available, through a private company, a tuition refund plan. This is an insurance policy designed to return to the student 100% of tuition, room and board charge when a student must withdraw from a semester due to medical (physical) reasons. Cost of coverage is 1.05% of the student's total tuition, room and board costs. Specifics are included with each semester's billing. Those who do not wish to participate in this program will have the opportunity to waive the coverage.

Registration Deposit .....	\$100
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A \$100 pre-payment charge will be collected no later than April 1 each year from all returning students. This payment allows the student to register for classes and participate in room selection for the following fall. The payment will be applied to the student's account. It is refundable until June 1 if the student will not be returning to the College.

### Transcript Fees:

Online—Electronic .....	\$5
Online—Paper .....	\$5
Registrar's Office .....	\$10

Late Registration Fee .....	\$75
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Credit by Examination .....	\$100 /credit hour
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Returned Check Charge .....	\$20
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Commencement Fee (Graduating seniors) .....	\$190
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Audit Fee (per credit) .....	\$100
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Practice Teaching Fee: .....	\$100 / semester
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Individual Music Lessons .....	\$210 / credit hour
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Course fees listed on schedule with specific course.

In addition, students should expect to budget at least \$1,000 for books and supplies during the school year.

## Payment of Student Accounts

Student fees are due and payable at the beginning of each semester before completion of registration and admission to classes. A bill is mailed approximately one month before the beginning of each semester so that students may pay semester charges prior to formal registration. Students who have not made satisfactory payment arrangements, i.e. cleared the business office, by the beginning of classes will be regarded as delinquent. A delinquent student account is subject to penalties as listed in the *Student Handbook*. Summer school charges are due before the beginning of class.

There are two payment options offered at Lyon College:

1. Term bills may always be paid in a lump sum at semester's beginning. These payments can be made through the Lyon College cashier (870)307-7322 or via Nelnet. There are no additional fees with this option.

Lyon College is pleased to announce that it is partnering with Nelnet Business Solutions (NBS) to offer payment plans to students for tuition and fees. These payment plans make paying for your education more affordable as they offer you the opportunity to spread payments over time. These plans are interest free; however, there is a \$30.00 per semester administrative fee payable to Nelnet. Several plans are available so you can choose the one that best fits your needs.

### Payment Plan Enrollment Deadlines

#### Fall 2015

*Full payments may be made on Nelnet's e-Cashier through August 19, 2015.*

Last day to enroll online	Required down payment	Number of payments	Months of payments
July 2	None	5	July - Nov.
Aug. 3	None	4	Aug. - Nov.
Aug. 18	25%	3	Sept. - Nov.

#### Spring 2016

*e-Cashier available on November 16, 2015.*

*Full payments may be made on e-Cashier through January 13, 2016.*

Last day to enroll online	Required down payment	Number of payments	Months of payments
Dec. 3	None	5	Dec. - April
Dec. 31	None	4	Jan. - April
Jan. 12	25%	3	Feb. - April

NOTE: All down and full payments are processed immediately!

As a payment reminder, the Business Office will mail monthly statements to all students who have chosen payment plan via Nelnet.

## Refund Policies

Refunds for students officially withdrawing from college during the 2014-15 academic year will be made as follows:

On or before the first day of registration there will be a 100% tuition refund. From registration to the end of the first week of classes there will be an 80% tuition refund. From the end of the first week to the end of the second week of classes there will be a 60% tuition refund. From the end of the second week to the end of the third week of classes there will be a 40% tuition refund. From the end of the third week to the end of the fourth week of classes there will be a 20% tuition refund. From the end of the fourth week and thereafter there will be no refunds. Refunds during summer term will be handled in a similar manner for students who withdraw. Each two days of classes will equate to one week of regular semester classes in refund percentages.

If the student withdraws during Lyon's refund period, all of the student's institutional scholarships and grants will be returned to his/her sources on a basis consistent with the College's refund policy. For example, a student who withdraws and receives an 80% tuition refund will receive 20% of his/her institutional scholarships and grants for that semester, equaling a percentage of tuition he/she was charged for the semester.

Enrollment is checked as of the College's census day (the 11th day of class) each semester for certifying enrollment/hours necessary to receive state scholarships and grants. If the student is enrolled in the required number of hours as of the census date and withdraws subsequent to that date, he/she is allowed to keep the entire semester disbursement of the state scholarship or grant, even if his/her institutional scholarship(s) and or grant(s) are being pro-rated. Return of Title IV (federal) aid is discussed below in the section "Return of Aid." Private outside scholarships are not returned to the donor unless the donor specifically requires it.

All outstanding student accounts become due and payable immediately upon a student's withdrawal.

Board refunds will be made on a pro rata basis consistent with the number of weeks remaining in the semester after withdrawal.

**Room charges are not refundable regardless of when withdrawal occurs.** This is due to the limited number of dormitory rooms available and the fact that they cannot be rented to other students until a new semester begins.

A tuition refund plan is available through a private insurance carrier to guarantee full refund of tuition, room and board charges in the event of a medical withdrawal from the semester.

Appeals of institutional refund policy by parents or students who feel that individual circumstances warrant exceptions from the published policy may be addressed in writing to: Controller, Lyon College, P.O. Box 2317, Batesville, AR 72503.

# Scholarships and Financial Aid Rules and Procedures

At Lyon College, we are committed to making an educational experience of the highest quality available to qualified students. Tuition and fees account for about 45 percent of Lyon College's educational investment in its students. With a combination of affordable costs, extensive merit-based scholarship and financial aid programs, and academic programs of quality, Lyon College has been regularly recognized as one of higher education's best bargains among private, selective liberal arts colleges.

## Applying for Financial Aid

To establish their eligibility for the widest possible range of financial aid opportunities, students and their parents should file a FAFSA and specify that they want it sent to Lyon by listing Lyon's Federal school code (001088) on it. Students who wish to be considered for Federal and need-based Lyon aid programs must file a FAFSA. (For more details, see the "Financial Aid Programs" section below.) FAFSA forms can be obtained from high schools or online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Students must file a new FAFSA prior to each year in which they wish to receive aid.

Lyon assigns priority in the awarding of financial aid to students whose FAFSAs are received by March 1. After this date, the College will continue to work with students to make a Lyon education possible for them, but cannot assure the full availability of Federal, state, or institutional funds. While only accepted students can be offered financial assistance, students who have not yet been notified of their acceptance should not delay applying for aid.

## Financial Aid Eligibility

Students' financial aid eligibility is dependent on their academic and social standing as defined in the section on "Academic Rules and Regulations" above and in the *Student Handbook*. Students in good academic and social standing and students on probation are eligible for at least some forms of financial aid. Students who have been suspended from the College are ineligible for financial aid of any kind. They may reapply for financial aid when they reapply for admission.

Because full-time students are ordinarily expected to complete their degree requirements within four years, Lyon institutional aid is renewable for eight semesters of full-time enrollment. Students unable to complete degree requirements within four years may receive Federal financial aid, and may appeal to the Admission and Financial Aid Committee through the financial aid office for a renewal of their Lyon



aid, for an additional one or two semesters depending on the circumstances. Lyon and state aid may not be applied toward summer session costs. However, some forms of Federal aid may be used for that purpose; during the summer, students typically use up remaining eligibility for Federal funds that they accrued during the prior academic year.

Students who receive financial aid from Federal, state of Arkansas, or Lyon sources must meet specified minimum academic performance requirements that are intended to encourage the completion of a degree in a timely manner. These minimum requirements relate to the number of credit hours that a student has completed and the grade point average that s/he has earned. Requirements for Federal and Lyon aid programs are outlined below. Students from the state of Arkansas should contact the financial aid office or the Arkansas Department of Higher Education (1-800-54-STUDY) to obtain current academic performance requirements for state scholarship programs.

## **Some General Rules about Scholarship Maintenance**

**Course Loads:** All Lyon College-funded scholarships (financial aid) require a minimum course load of at least 12 hours per semester (as recorded on the official census day each semester, which is generally the 11th day of class each semester). **However, the majority of State of Arkansas scholarship programs require a course load of at least 15 hours per semester (as recorded on the official census day each semester).** Incomplete courses will not count in meeting credit hour requirements until the student successfully completes them. It is the student's responsibility to notify the financial aid office when she/he has successfully completed an incomplete course. Students who repeat a course may count the course only once toward credit hour requirements. Pass/fail courses, remedial courses, and optional credit/no credit courses for which a student receives a grade count towards credit hour requirements. **It is the student's responsibility to know all of his/her scholarship maintenance requirements and the student should verify that he/she is enrolled in the necessary course load to maintain all aid. Students wishing to reduce course loads after enrollment should contact the Office of Financial Aid to ensure that their aid will not be affected.**

**GPA:** Some scholarships require students to earn a specified cumulative GPA. Others require only that students be in good academic standing. Lyon will not figure course work taken at other institutions into students' Lyon GPAs; some scholarships (the Arkansas Challenge Scholarship, for example) will recalculate GPAs to include work taken at another institution.

# **Lyon Scholarship Maintenance Requirements**

## **Residency Requirement**

Students are required to reside on campus as stated in the Residence Life section of the catalog. No student who has been exempt or otherwise released from the Lyon scholarship residency requirement will receive funds from that scholarship in excess of the cost of tuition. Students who do not qualify for an automatic exemption from the residency policy and who are granted permission to reside off-campus will lose 30% of all Lyon institutional scholarship(s) or grant(s) they have been awarded.

## **Named Scholarships**

- Students holding Brown, Anderson, or West scholarships must live on campus. No student who has been exempt or otherwise released from the Lyon scholarship residency requirement will receive funds from that scholarship in excess of the cost of tuition. These policies apply to athletic and other talent-based scholarships in addition to merit-based scholarships.

- These students will be reviewed at the end of each academic year. Recipients who have failed to meet their scholarship maintenance requirement (Brown 3.25, Anderson 3.0, West 3.0) will lose their scholarship.

## **Unnamed Academic and Performance Scholarships**

- Students holding Lyon unnamed academic scholarships, fine art scholarships, and athletic scholarships will be reviewed at the end of each academic year for academic good standing (See Page 117).

- If their GPA is below that required for their classification or if they have a semester GPA of 1.5 or lower, they will be put on academic probation.

- Should they not raise their GPA the subsequent semester to the level required of them to be in good academic standing, they will be suspended from the College and will obviously lose their scholarship.

## **Loss of Lyon Scholarships**

- Students who have had their financial aid suspended may appeal that suspension. They must submit a written appeal to the Director of Financial Aid detailing the extenuating circumstances that resulted in their deficient academic performance causing suspension of their aid. The appeal will be evaluated by the Admission and Financial Aid Committee.

- Students who are suspended or lose their scholarships at the end of the spring semester may elect to go to summer school at Lyon. Summer work will be calculated into their cumulative GPA and could effect reinstatement of their scholarship and good standing at the College. Approved summer classes at any institution of higher

learning will count towards meeting credit hour requirements. However, only summer academic work completed at Lyon will count towards meeting grade point average requirements.

- Students who are administratively withdrawn from Lyon will not be eligible for future financial aid disbursements until they have made up the credit hours from which they were dropped.

## Financial Aid Programs

### Lyon Scholarships for 2015-16

Lyon offers the following merit-based and need-based scholarship programs for the 2015-16 academic year. **More than one Lyon scholarship may be offered to a student, but only one may be accepted.** Lyon reviews its scholarship programs annually and makes modifications as appropriate. Consequently, the number and size of awards may vary from year to year. Institutional scholarship maintenance requirements are outlined in the section on “Financial Aid Eligibility” (see above). Scholarship maintenance requirements that are specific to particular scholarships are outlined in the scholarship descriptions that follow below. **In cases where a student’s total federal, state, and institutional grant and scholarship aid exceed \$1,000 above the direct cost of the College, that student’s institutional scholarship will be reduced appropriately.**

#### Brown Scholarships

Each year, Lyon selects up to four members of the entering freshman class as recipients of the Brown Scholarship, the highest honor for an incoming student. Established by the late William C. Brown Jr., '15, in honor of his father William C. Brown Sr. and his brother Allen Brown, the Brown Scholarship provides an annual stipend up to the amount of tuition, room, board, and mandatory fees.

The Brown Scholarship is renewable for eight semesters of full-time study as long as a recipient achieves a minimum cumulative grade point average of 3.25 by the end of the first year and each year thereafter and meets all other institutional scholarship maintenance requirements. Brown Scholars are required to reside on campus.

The Brown Scholarship is competitively awarded based on student performance at an Honors Day Scholarship Competition. Students interested in being considered for a Brown Scholarship must submit all application materials by January 15 and attend an Honors Day Scholarship Competition during the fall or winter preceding the applicants’ freshman year at Lyon.

### **Anderson Scholarships**

Up to five Anderson Scholarships are awarded each year to members of the entering freshman class who have excelled academically in high school and scored well on standardized tests. These awards are made possible through the generosity of Mr. Wooten Anderson. The Anderson Scholarship provides an annual stipend up to the amount of tuition. The Anderson Scholarship is renewable for eight semesters of full-time study as long as a recipient achieves a minimum cumulative grade point average of 3.0 by the end of the first year and each year thereafter and meets all other institutional scholarship maintenance requirements. Anderson Scholars are required to reside on campus. The Anderson Scholarship is competitively awarded based on student performance at an Honors Day Scholarship Competition. Students interested in being considered for an Anderson Scholarship must submit all application materials by January 15 and attend an Honors Day Scholarship Competition during the fall or winter preceding the applicants' freshman year at Lyon.

### **West Scholarships**

One West Scholarship is awarded each year to a member of the entering freshman class from Arkansas who has excelled academically in high school and scored well on standardized tests. In gratitude for gifts made over time by the R.E.L. Wilson Trust, Lyon College established the Dan C. West Scholarship in honor of Dan West, president of the College from 1972-1988. The West Scholarship provides an annual stipend up to the amount of tuition. The West Scholarship is renewable for eight semesters of full-time study as long as a recipient achieves a minimum cumulative grade point average of 3.0 by the end of the first year and each year thereafter and meets all other institutional scholarship maintenance requirements. West Scholars are required to reside on campus. The West Scholarship is competitively awarded based on student performance at an Honors Day Scholarship Competition. Students interested in being considered for a West Scholarship must submit all application materials by January 15 and attend an Honors Day Scholarship Competition during the fall or winter preceding the applicants' freshman year at Lyon.

### **Honors Day Scholarships**

Each year Lyon College invites a select group of high-achieving high school students to attend an Honors Day Scholarship event. During the day, these bright students write essays and interview with members of Lyon's faculty or staff, as well as explore the beautiful Lyon College campus. Based on the students' test score (ACT or SAT- Non Super Scored), their high school GPA, as well as their interview and essay, the College offers these students scholarships for their outstanding academic achievement. Lyon Honors Day Scholarships are renewable for up to eight semesters

of full-time study as long as the student achieves a minimal cumulative grade point average of 2.0 by the end of the second year and each year thereafter, and meets all other institutional scholarship maintenance requirements.

### **Lyon Scholarships for Arkansas Governor's Distinguished Scholars**

Accepted freshmen who receive the \$10,000 Arkansas Governor's Distinguished Scholarship will be awarded the difference between full scholarship (tuition, mandatory fees, double-occupancy room & board) and the total of their combined state and federal gift aid. The Lyon Scholarship for GDS Scholars is renewable for up to three additional years as long as the student meets the academic and hourly requirements set forth by the ADHE to maintain the GDS scholarship funding.

### **Fine Arts Scholarships**

Lyon offers a limited number of scholarships annually to members of the entering freshman class who demonstrate outstanding ability in band, theater, music, art, or Scottish Heritage. Priority in awarding fine arts scholarships will be given to applicants who submit all application materials by March 1. Candidates for fine arts scholarships must schedule a campus audition or portfolio review through the admission office. Fine arts scholarships are renewable for eight semesters of full-time study as long as a recipient meets all other institutional scholarship maintenance requirements.

### **Presbyterian Half-Tuition Scholarship**

To qualify for the Presbyterian half-tuition scholarship, a student must be a member in good standing with his or her local church for at least one year, which must be verified by the pastor. The applying Lyon College student must meet admission criteria and enroll as a full-time student. This scholarship cannot be combined with any other Lyon College Scholarships.

### **Transfer and Freedom Plan Scholarships**

Lyon welcomes qualified transfer students who have demonstrated their academic ability and commitment to the pursuit of higher education at other institutions. Students transferring from another institution of higher learning with a GPA of 2.75 or higher (as calculated by Lyon) are eligible to receive a Transfer Scholarship based on their academic performance. Students who have completed an A.A. degree from an Arkansas two-year school will be awarded the Freedom Plan Scholarship. It is valued at half of tuition at the time of the enrollment year. Transfer Scholarships and Freedom Plan Scholarships are renewable for the length of time that a student needs to complete a baccalaureate degree at Lyon up to a maximum of seven semesters of

full-time study. Holders of a Transfer or Freedom Plan Scholarship must achieve a minimum cumulative grade point average of 2.0 by the end of their first year at Lyon and each year thereafter and meet all other institutional scholarship maintenance requirements.

### **Athletic Scholarships**

A limited number of athletic scholarships are available for student-athletes who are members of Lyon's intercollegiate athletic teams. Athletes must comply with NAIA Division I eligibility regulations (see Athletic Handbook) and meet all other institutional scholarship maintenance requirements.

### **Apple/Upward Bound Scholarships**

Graduating high school seniors accepted to Lyon who have successfully completed the Apple Project or the Upward Bound Math & Science Program will be eligible for our Apple/Upward Bound Scholarship. This scholarship is valued at one-half of tuition and is renewable for eight semesters of full-time study as long as the recipient meets all other institutional scholarship maintenance requirements. As with all other institutional scholarships, only one may be accepted. Should an Apple/Upward Bound student receive a different scholarship with a higher value, he/she may accept it instead of the Apple/Upward Bound Scholarship.

### **International Baccalaureate Scholarships**

Accepted applicants who are International Baccalaureate Diploma candidates receive a \$1,000 award in addition to their main Institutional (Lyon-funded) scholarship. IB Diploma candidacy must be confirmed by student's high school if not listed on the transcript.

## **Aid Programs of the State of Arkansas**

**Note:** Specific maintenance requirements exist for the following State of Arkansas scholarships and grants. It is the student's responsibility to know those scholarship maintenance requirements. They can be found at the Arkansas Department of Higher Education's website [www.adhe.edu](http://www.adhe.edu)

To apply for the following Arkansas grants and scholarships, complete the YOUniversal Application at [www.adhe.edu](http://www.adhe.edu). Completing this one process will be your application for any and all of the following grants or scholarships for which you are eligible. **Note the deadline for the GO! Grant and Arkansas Challenge Scholarship is June 1st of each year. The application deadline for the Governor's Scholarship and the Governor's Distinguished Scholarship is February 1st of each year.**

The state of Arkansas offers a number of financial aid programs to Arkansas residents who attend college in-state. *The availability of, and the requirements governing students' eligibility for, these programs are subject to change.* Thus, applicants from the state of Arkansas should contact the financial aid office or the Arkansas Department of Higher Education (1-800-54-STUDY) or go to [www.adhe.edu](http://www.adhe.edu) for the latest information on all state financial aid programs.

The **Arkansas Higher Education Opportunity Grant (GO! Grant)** provides \$1,000 annually for needy students. The GO! Grant is for students of low-income Arkansas families. The ADHE makes eligibility decisions based on financial information contained in submitted FAFSAs. The application deadline for the GO! Grant is June 1st of each year.

The **Arkansas Academic Challenge Lottery Scholarship** program provides annual grants to students who meet specified criteria related to academic performance in high school, and coursework completed in high school. These grants amount to between \$2,000 and \$5,000 per year, depending upon the student's year in school. Applications are available online at [www.adhe.edu](http://www.adhe.edu) and must be submitted by June 1. Students receiving funds through this program must maintain specified credit hour and grade point average requirements to retain their eligibility.

The **Governor's Scholarship** program is a competitive merit-based program, which offers 75 scholarships (1 per county) each year to academically superior high school graduates. This scholarship provides a \$4,000 annual award. To compete for this scholarship program, students must have a cumulative high school grade point average of at least 3.5 or a composite ACT score of at least 27.

Students selected as National Merit Finalists or students with a composite ACT score of 32 or higher or an SAT of 1410 or higher may be eligible for the **Governor's Distinguished Scholarship**. For prospective Lyon students applying for funds for the 2014-15 academic year, this scholarship currently provides an annual stipend in the amount of \$10,000. The deadline for both of these programs is February 1 of each year.

Other financial aid may be available to students in the form of special grants offered through the Arkansas Department of Social and Rehabilitative Services and the Veterans Administration. Appropriate state or local offices should be contacted for additional information.

## Federal Financial Aid Programs

Federally funded financial aid programs in the form of grants, loans, and work-study opportunities are available. Most Federal programs are designed for students with demonstrated financial need. The amount of a student's demonstrated need is based on a calculation derived from a student's FAFSA of the difference between what a student and his or her family can reasonably afford to contribute to the cost

of attending college and the actual cost of attendance. Because the FAFSA is the basis of the calculation of need, all students must file a FAFSA prior to each year in which they wish to receive federal aid. Aid from Federal sources is renewable for up to ten semesters of full-time study as long as recipients meet specified minimum academic performance requirements. (See the “Financial Aid Eligibility” section above.)

Need-based grants are available through the **Federal Pell Grant** (up to \$5,775 annually) and **Federal Supplemental Educational Opportunity Grant** (up to \$1,000 annually) programs. The size of a student’s awards depend upon the level of his or her demonstrated need. Federal grants do not have to be repaid.

Part-time work opportunities are also available to students through the **Federal Work-Study** program. Students must demonstrate financial need to receive funding through these programs, which allow students to work 6 to 10 hours per week to earn money to use toward educational expenses. Students are paid the current state minimum wage. The College is careful to design work-study assignments so that they do not interfere with a student’s studies.

Students with demonstrated financial need may also be awarded low-interest student loans through the **subsidized Federal Direct Loan** program. The maximum amounts that a student can borrow, interest rates, and repayment terms vary by program. In general, however, students have up to ten years to repay the loan, and the Federal government makes interest payments on the loan during the time that a student is enrolled in college. Annual maximum loan levels for the subsidized Direct Loans – the most popular student loan program – are as follows: freshman year, \$3,500; sophomore year, \$4,500; junior and senior years, \$5,500. An origination fee of approximately 1% is deducted from all Direct Loans, which means the amount of loan that a student receives will be less than the amount requested.

Students without demonstrated need are eligible for loans through the **unsubsidized Federal Direct Loan** program. Maximum loan limits for unsubsidized loans are \$2000 higher than the subsidized limits for each class level listed, while interest rates, and principal repayment terms and origination fees are the same as for the subsidized loan programs outlined above. The main difference between a subsidized loan and an unsubsidized loan is the Federal government does not cover students’ interest payments while they are enrolled in college on an unsubsidized loan. A student can pay back interest on a quarterly or semi-annual basis, or can elect to defer interest payments until after college. If interest payments are deferred, the interest will be capitalized, which means the interest is added to the principal loan amount. Early principal repayment is allowed on either type without penalty.

**Federal Direct PLUS (Parent) Loans** are also available to parents of undergraduate students to assist with college financing. Maximum loan levels vary, and loans are only made to parents without adverse credit histories. If a parent is denied a



PLUS loan, the student may borrow up to \$4,000 or \$5,000 in additional funds (depending on grade level) through the **unsubsidized Federal Direct Student Loan** program. Families are not required to demonstrate financial need to receive funding through the PLUS loan program.

To retain their Federal aid, part-time students must meet the same credit hour and grade point average requirements as full-time students. The financial aid office will assess their progress in meeting credit hour requirements by pro-rating the number of hours in which they are enrolled as a percentage of the minimum credit hour requirement for full-time status, and extending the time allowable for degree completion by a proportionate amount. For further details concerning the financial aid eligibility of part-time students, please contact the financial aid office.

**For additional information on Federal aid programs, students should contact the financial aid office.**

## **Satisfactory Academic Progress for Students with Federal Assistance**

### **Lyon College Satisfactory Academic Progress Policy**

In accordance with federal regulations, to be eligible to receive and maintain any Title IV (federal) aid, a student must make satisfactory degree progress. The satisfactory academic progress (SAP) of students will be monitored at the end of each fall and spring semester.

SAP is measured in three ways:

- Students must progress **qualitatively** by earning the required number of grade points,
- Students must progress **quantitatively** by completing the required percentage of cumulative hours attempted, and
- Students must complete their program of study within a reasonable time period.

### **Qualitative Measure**

For the qualitative portion of the SAP requirement, hours attempted (see left column below) means all graded hours a student takes at Lyon or transfers to Lyon. These hours include passed and failed courses, repeated courses, courses dropped with a “W,” “WP,” or “WF,” courses in which a student has been assigned an “I,” and courses taken for a grade of pass or fail. Grade point averages, however, (see right column below) are based solely upon credits earned while enrolled at Lyon College.

Minimum SAP qualitative requirements are as follows:

Total Hours Attempted	Minimum Cumulative GPA
0-29	1.75
30-59	1.90
60 and over	2.00

Students transferring to Lyon College are assumed to be maintaining satisfactory academic progress. Hours transferred from previously attended schools (including concurrent college hours taken while in high school) will be considered when establishing total hours attempted for GPA requirements, as well as determining the maximum number of hours allowed for financial aid eligibility.

### **Quantitative Measure**

Students receiving financial aid must also satisfactorily complete with a grade of “D” or better 66% of cumulative hours attempted. Attempted hours are all hours a student is enrolled in past the last date a student can drop the class without a record of the course. Incompletes and withdrawals will not be considered passing grades.

- Withdrawals

Courses with a grade of W will affect the quantitative measure of academic progress in determining eligibility and maintaining financial aid.

- Audit Courses

Courses taken for audit do not count for credit or graduation and, therefore, are not counted in determining eligibility for receiving or maintaining financial aid.

- Pass/Fail

Courses taken Pass/Fail are counted for quantitative measurements (pace and maximum timeframe).

- Repeated Courses

If a student repeats a class at Lyon, only the most recent grade will be in the GPA calculation, but the hours from all attempts will be included in qualitative measurements.

### **Maximum Hours to Complete Course of Study**

Students must complete their degree requirements within a normal time frame. To remain eligible to receive financial aid, students must complete their degree requirements within 150% of the published length of their academic program. In most cases students will be eligible to receive financial aid during the first 180 attempted hours as an undergraduate, whether or not they received financial aid or whether or not the course work was successfully completed. This includes both Lyon College and transfer hours. A student will be placed on federal financial aid suspension if his course work is in excess of 180 hours or if at any time it becomes clear that the student will not meet the quantitative standards by graduation date. This particular quantitative measurement will be monitored at the end of each spring semester.

### **Financial Aid Warning**

A student who fails to meet the minimum Satisfactory Academic Progress requirements, as listed above, will be placed on financial aid warning. Letters will be sent to notify students of their addition to the financial aid warning list. The letter

will state the required SAP minimums and inform the student that he has a one-semester probationary period in which to meet SAP requirements, **during which time the student is allowed to keep his federal financial aid.** A student on warning who meets SAP as of the end of the probationary period will be sent an email informing him of his removal from financial aid warning. He will be eligible to continue receiving financial aid.

### **Financial Aid Suspension**

A student who fails to meet the minimum SAP requirements at the end of the probationary warning period will be placed on the financial aid suspension list, and will not be eligible to receive any further financial aid. The mere passage of time will not restore eligibility to a student who has lost eligibility for failure to meet SAP requirements. The student may appeal the financial aid suspension if unusual circumstances beyond his control prevented him from meeting satisfactory academic progress. A student who is placed on financial aid suspension will be sent a letter informing him of his suspension, the SAP minimums required for reestablishing SAP, and information on how to appeal his suspension.

### **Regaining Financial Aid Eligibility**

There is another way to regain financial aid eligibility besides the appeal process. Financial aid eligibility can be re-established after the student improves his academic record to meet the minimum standards required by the SAP policy by enrolling in classes the next term **without** the assistance of financial aid funds. If the student does meet SAP through this course work, his federal aid will be reinstated for the following term. If, in attempting to meet SAP, a student takes classes at a school other than Lyon, he must submit an official transcript from the other school to the Lyon Registrar. The financial aid office will then re-evaluate the student's SAP status.

## **Aid from Private External Sources**

In the event that a student with need-based aid obtains an aid award from a private external source, the financial aid office reserves the right to reduce the student's institutional award by an amount equal to that of the private external award. Students must report the receipt of financial assistance from private external sources to the financial aid office.

## **Disbursement of Aid**

All financial aid awards except for work study and grants from private external sources are credited to a student's account after the 11th class day pending completion of verification, loan entrance counseling and master promissory note, if required. Grants from private external sources are not credited to the student's account until Lyon receives the funds. Work-study earnings are paid directly to the

student every month. Students can apply work-study earnings to their student accounts by endorsing their check and presenting it to the business office.

## **Verification of Federal and State Aid Awards**

Students who receive Federal or state aid may be selected for verification of the financial information that they provided in their aid application. Students selected for verification will be required to provide information in addition to that which they have already provided. Students should submit the required documents to the financial aid office within two weeks of the verification request. The financial aid office will not certify a Federal Direct Loan application or authorize Federal or state financial aid to be applied to a student's account until verification is complete. If the information provided in the verification is different from that contained in the original financial aid application, the financial aid office will re-evaluate a student's aid application using the verified information.

## **Return of Aid**

If a student who receives Federal aid withdraws or takes a leave of absence prior to completing 60% of a term (including the summer term), the financial aid office must return a portion of that student's Federal funds to the Federal government. The percentage of the Federal aid disbursed for the term that must be returned is equal to the percentage of the term that the student did not complete.

Funds that must be returned to the Department of Education are returned within 30 days of the date on which the student withdrew. In this situation, the student could owe Lyon a balance for the amount of the loan that was returned.

If the student withdraws during Lyon's refund period, all of the student's institutional scholarships and grants will be returned to his/her sources on a basis consistent with the College's refund policy (see the 'Refund Policies' section above). For example, a student who withdraws and receives an 80% tuition refund will receive 20% of his/her institutional scholarships and grants for that semester, equaling the percentage of tuition he/she was charged for the semester.

Enrollment is checked as of the College's census date (the 11th day of class) each semester for certifying enrollment/hours necessary to receive state scholarships and grants. If a student is enrolled in the required number of hours as of the census date and withdraws subsequent to that date, he/she is allowed to keep the entire semester disbursement of the state scholarship or grant, even if his/her institutional scholarship(s) and/or grant(s) are being pro-rated. Private outside scholarships are not returned to the donor unless the donor specifically requires it.

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- Donald Weatherman**, Professor of Political Philosophy and President. B.A., *California State University*; M.A., Ph.D., *Claremont Graduate University*.
- Frank Winfrey**, Clark N. and Mary Perkins Barton Professor of Management. B.A., *University of North Carolina, Chapel Hill*; M.B.A., *University of Alabama, Birmingham*; Ph.D., *University of South Carolina*.
- Tharanga Mahesh Kumara Wijetunge**, Assistant Professor of Mathematics. B.S., *University of Colombo (Sri Lanka)*; Ph.D., *Central Michigan University*.
- Nikki Yonts**, Assistant Professor of Psychology/Education. B.A., *Washington State University*; M.S., Ph.D., *Oklahoma State University*.

## Emeritus Faculty and Administrators

- Veryl Board**, Professor Emeritus of Biology. B.S., M.S., *Oklahoma State University*; Ph.D., *Texas A & M University*.
- Roberta Bustin**, Professor Emerita of Chemistry. B.S., *Lyon College*; M.S., *University of Arkansas*; Ph.D., *Louisiana State University*.
- Robert Carius**, Professor Emeritus of Physical Science and Mathematics. B.A., *U.S. Naval Academy*; B.S., *U.S. Naval Post Graduate School*; M.S., *Iowa State College*.
- George Chlebak**, Professor Emeritus of Art. B.A., *Lake Forrest College*; M.A., *New Mexico Highlands University*; Additional Study, *Art Institute of Chicago*, *Wichita State University*.
- Ruth Fulbright**, Librarian Emerita. B.S., *West Virginia University*; M.S., *University of Southern California*; M.S. in L.S., *George*

*Peabody College for Teachers.*

**Dorothy Landis Gray**, Professor Emerita of Music. B.A., *Lebanon Valley College*; M.A., *Westminster Choir College*; Ph.D., *Catholic University of America*.

**Bruce Johnston**, Dean of Students Emeritus. B.A., *Westminster College*; M.A., *Bowling Green State University*; Ed.D., *Western Michigan University*.

**George Lankford**, Professor Emeritus of Folklore. B.A., *Louisiana State University*; B.D., *Princeton Theological Seminary*; Ph.D., *Indiana University*.

**Alan McNamee**, Professor Emeritus of Accounting. B.S., *Manchester College*; Ph.D., *University of North Carolina*.

**Ann Adams Rhodes**, Professor Emerita of Psychology. B.A., M.A., M.E., Ed.D., *University of Arkansas*.

**Walter Roettger**, President Emeritus. A.B., *Stanford University*; Ph.D., *University of Colorado, Boulder*.

**Fred Wann**, Professor Emeritus of Physical Education. B.A., *Lyon College*; M.S.E., *Arkansas State University*.

**Garry Wann**, Professor Emeritus of Business Administration. B.S., M.B.A., J.D., *University of Arkansas*.

**Patricia Whitfield**, Professor Emerita of Education. B.A., *University of California at Los Angeles*; M.A., *University of Nevada, Reno*; Ph.D., *Brigham Young University*.

**Virginia Wray**, Dean of Faculty Emerita. B.A., *Westhampton College, University of Richmond*; M.A., *Bryn Mawr College*; Ph.D., *University of South Carolina*.

## Endowed Faculty Positions

**The William Clark Brown Sr. Professorship in Chemistry** was established by the late Mr. W. C. Brown and the late Miss Jean Brown of Hot Springs in memory of their father, Mr. William Clark Brown, Sr. The income from this endowment will be used to support a distinguished professor of chemistry.

**The Rountree Caldwell Bryan Professorship in Education** was established in October 1986 with a portion of the bequest from the estates of Rountree C. and Willie Dillard Bryan of Osceola. Income from this endowment will be used to support a designated professor of education.

**The Clark N. and Mary Perkins Barton**

**Professorship in Management** was established in December 1980 by Mrs. Clark N. Barton of El Dorado. The income from the endowment will be used to support a designated professor of business administration.

**The J. William and Catherine Mills Bellamy Professorship in Business** was established in July 1983 by Mr. and Mrs. J. William Bellamy of Pine Bluff. The income from this endowment will be used to support a designated professor of business administration.

**The Pauline M. and Brooks Bradley Professorship in the Social Sciences** was established in 1992 by a bequest from the estate of Pauline M. and Brooks Bradley of Little Rock. The income from the endowment will be used to support a designated professor in the social sciences.

**The Jean Brown Professorship in Music** was established with a portion of her bequest in 1982. Income from this endowment will be used to support a designated professor of music.

**The Josephine Emily Brown Professorship in Music** was established by the late Jean Brown of Hot Springs, in memory of her sister, Miss Josephine Brown. The income from this endowment will be used to support a designated professor of music.

**The Josephine E. Brown Professorship in Religion** was established by her family to endow the teaching of religion in memory of her interest in the Presbyterian Church and in Christian higher education. Income will be used to support a designated professor of religion.

**The W.C. Brown Jr. Professorship in English** was established in 1980 by a gift from the late W. C. Brown of Hot Springs, a former trustee of the College and a member of the Class of 1915. The income from this endowment will be used to support a designated professor of English.

**The Willie Dillard Bryan Professorship in Biology** was established in October 1986 with a portion of the bequest from the estates of Rountree C. and Willie D. Bryan of Osceola. Income from this endowment will be used to support a designated professor of biology.

**The William Jefferson Clinton Professorship in International Politics** was established by an anonymous gift in 1992. Income from this endowment will be used to support a designated professor of international politics.

**The Martha Heasley Cox Endowed Chair in American Literature** was established by Dr. Martha Heasley Cox '38 of San Francisco, California, with a charitable gift annuity in 2005 and additional funds planned in a bequest arrangement. The income from the annuity fund remainder and bequest will be used to support a distinguished professor of American literature.

**The J. William Fulbright Professorship in Modern Languages** was established by Henry and Carolyn Nichols of Little Rock in 1992. The income from the endowment is used to support a designated professor of modern languages.

**The Frank and Marion Bradley Lyon**



**Professorship in Accounting** was established in April 1984 by Mr. and Mrs. Frank Lyon, Sr., of Little Rock. Mr. Lyon was a former Chairman of the Board of Trustees. Income from the endowment will be used to support a designated professor of accounting.

**The Paul M. McCain Professorship in History** was established in 1980 with grants from the National Endowment for the Humanities and the Frost Foundation of Denver and named in honor of Dr. Paul M. McCain, twelfth President of Lyon College. The income from this endowment will be used to support a designated professor of history.

**The W. Lewis McColgan Professorship in Religion** was established by the First Presbyterian Church, Pine Bluff, in April 1979. in honor of the late Dr. W. Lewis McColgan, who served as that church's minister from 1947 to 1974. The income from this endowment will be used to support a designated professor of religion.

**The J. Paul Smith Professorship in Mathematics and the Sciences** was established in 1982 with a portion of the bequest from Mr. Smith's estate and as a memorial to his support of the College. Income from this endowment will be used to support a designated professor of one of these disciplines.

**The Anne J. Stewart Professorship in Economics** was established in April 1984 by Mrs. Anne J. Stewart of Dallas, Texas, a former trustee of the College. Income from the endowment will be used to support a designated professor of economics.

**The John Dyer Trimble Sr. Professorship in Political Philosophy** is in memory of Mr. Trimble, who attended Lyon College. The income from this endowment will be used to support a designated professor of political philosophy.

# Administration

## Office of the President

**Donald Weatherman**, President. B.A., *California State University*; M.A., Ph.D., *Claremont Graduate University*.

**Clarinda Foote**, Director of Administration and Human Resources/ Title IX Coordinator and Investigator.

**Debbie Moore**, Administrative Assistant to the President and Human Resources. B.S., *Arkansas State University*.

**Frank Lyon Jr.**, Special Advisor to the President. B.A., *University of Arkansas*; M.B.A., *Harvard Business School*; L.H.D., *Lyon College*.

## Academic Services

**Philip Cavalier**, Vice President for Academic Services and Dean of the Faculty. B.S., *Swarthmore College*; M.A., *Northeastern University*; Ph.D., *State University of New York at Buffalo*.

**Donna Baxter**, Administrative Coordinator for Academic Services.

**Donald Taylor, '01**, Director of Admission and Registrar. B.S., *Lyon College*; M.Ed., *University of Arkansas, Fayetteville*.

**Amanda Echols**, Assistant Registrar. B.A., *University of Arkansas at Little Rock*; M.S., *Arkansas Tech University*.

**Tami Hall**, Administrative Coordinator for the Registrar's Office.

**Amy Schmidt, '05**, Part-time Assistant Professor of English and Supplemental Instruction Supervisor. B.A., *Lyon College*; M.A., *University of Mississippi*; Ph.D., *University of Arkansas*.

**Jennifer Green**, Facilities Coordinator, Derby Center. A.S., *Black Hawk College*.

**Kenton Adler**, Instructional Technologist. B.A., *Metropolitan State College of Denver*.

**Clarinda Foote**, Director of Administration and Human Resources/

Title IX Coordinator and Investigator.

**Anne Kootz**, Director of Nichols Travel. B.A., *University of Colorado-Boulder*.

**Elaine Severs**, Title III Director. B.A., *Lyon College*; M.S.E., *Harding University*.

**Andrew English**, Title III Data Specialist. B.A., *Harding University*; M.P.A., *University of Arkansas*.

**Carole Douglas**, Title III Retention Specialist. B.S., B.A., *Missouri State University*; M.A., Ph.D., *University of Missouri, Columbia*.

## Admission and Financial Aid

**Jim Schlimmer**, Vice President for Enrollment Services. B.A., *Luther College*; M.S.Ed., *University of North Carolina Greensboro*.

**Donald Taylor, '01**, Director of Admission and Registrar. B.S., *Lyon College*; M.Ed., *University of Arkansas, Fayetteville*.

**Scarlett Barnes**, Associate Director of Enrollment Services. B.S., *Ouachita Baptist University*.

**Landon Downing, '13**, Assistant Director of Enrollment Services. B.A., *Lyon College*.

**Dan Rutledge**, Regional Director of Enrollment Services and Alumni. B.S., *University of Central Oklahoma*.

**Mary Catherine Cox**, Regional Director of Enrollment Services. B.A., *Arkansas State University*.

**Kyle Phelps, '14**, Enrollment Services Representative. B.S., *Lyon College*.

**Tommy Tucker, '84**, Director of Financial Aid. B.A., *Lyon College*; C.P.A.

**Jeff Roper**, Assistant Director of Financial Aid. B.S., *University of Tennessee at Chattanooga*.

**Teresa Loggains**, Manager of Admission

Data.

**Dana Bennett**, Administrative Coordinator for Enrollment Services. A.A., *Arkansas State University-Beebe*.

**Leca McKenzie**, Admission Records Coordinator.

**Alex Wang**, China Program Coordinator. B.S., *Harding University*.

## Athletics

**Kevin Jenkins**, '86, Director of Athletics. B.S., *Lyon College*.

**Megan Bryant**, Administrative Assistant to the Director of Athletics and Fitness Center Coordinator. A.A., *Jackson State Community College*.

**Michael Brookshire**, Head Men's Soccer Coach. B.A., *Hannibal-LaGrange University*; M.A., *Ohio University*.

**Julie Church**, '04, Head Men's and Women's Golf Coach, Assistant Women's Basketball Coach and Physical Education Coordinator. B.S. *Lyon College*; M.S., *University of Central Arkansas*.

**Brandon Cowart**, '12, Assistant Basketball Coach and Intramural Coach. B.A., *Lyon College*; M.S., *Northwestern State University*.

**Michael DuFrane**, Assistant Football Coach. B.A., *University of Wisconsin*; M.Ed., *Carthage College*.

**Thomas Erikson**, Head Men's and Women's Wrestling Coach. B.S., *Western Governors University*.

**Ray Green**, Head Volleyball Coach and Co-Director of Intramurals. B.A., *Virginia Intermont College*.

**Robbie Holmes**, Assistant Baseball Coach.

**Kirk Kelley**, Head Football Coach. B.A., *St. Mary of the Plains College*; M.S.Ed., *Northwest Missouri State University*.

**John Krueger**, Sports Information Director.

**Ryan Morrow**, Assistant Football Coach. B.S., *Henderson State University*.

**Nick Palese**, Assistant Football Coach. B.S., *Oklahoma Wesleyan University*.

**Ben Parman**, Head Women's Soccer Coach. B.A., *Luther College*.

**Tony Roepcke**, '05, Head Baseball Coach. B.A., *Lyon College*.

**Tracy Stewart-Lange**, '86, Women's Basket-ball Coach and Women's Athletic Coordinator. B.A., *Lyon College*; M.S.Ed., *Mississippi State University*.

**Shawn Tackett**, Athletic Trainer. B.A., *University of Nebraska-Omaha*; M.S., *Bellevue University*.

**Chad Tapp**, Head Basketball Coach. B.A., *Taylor University*.

**Benjamin Willey**, Athletic Trainer. M.S., *Henderson State University*.

## Business and Finance

**John D. Jones**, Vice President for Business and Finance. B.S., M.B.A., *Miami University*.

**Rebecca Carrigan**, Staff Accountant. B.S., *Lyon College*.

**Nanette Garner**, Assistant Controller.

**Donna Glascock**, Scot Shop Manager. B.S., *Arkansas Tech University*.

**Rebecca Hopper**, Communications Services Assistant.

**Karen Moore**, Controller. B.A., *Ouachita Baptist University*; C.P.A.

**Kay Rush**, Administrative Coordinator for Business and Finance.

**Kay Stice**, Communications Services Manager.

**Jill Varner**, Accounts Receivable Manager. B.S., *California State University-Bakersfield*.

## Institutional Advancement

**Jon Vestal**, Vice President for Institutional Advancement. B.S., *University of Central Missouri*.

**Kenton Adler**, Instructional Technologist and Prospect Research Associate. B.A., *Metropolitan State College of Denver*.

**James Bell**, Director of the Scottish

Heritage Program.

**Taryn Duncan, '91**, Director of Alumni and Parent Services. B.A., *Lyon College*.

**Gina Garrett, '93**, Executive Director of Advancement. B.A., *Lyon College*.

**Cindy Gillaspie**, Administrative Coordinator to the Vice President for Institutional Advancement.

**Michele Howard**, Database Manager for Advancement.

**Hannah Keller**, Communications Specialist. B.S., *Arkansas State University*.

**Mirranda Sprayberry**, Administrative Assistant to Institutional Advancement.

## Library

**Dean Covington**, Director of the Mabee-Simpson Library. B.A., M.S., *University of Tennessee, Knoxville*; M.B.A., *North Texas State University*.

**Camille Beary, '80**, Assistant Director of the Library. B.A., *Lyon College*; M.L.S., *Texas Women's University*.

**Judith Blackwell, '05**, Learning Center and Special Collections Administrator. A.A., *University of Arkansas Community College at Batesville*; B.S. *Lyon College*.

**Brenda Lindsey, '00**, Library Technology/Collections Administrator. B.A., *Lyon College*.

**Kathy Whittenton, '75**, Public Services Librarian. B.A., *Lyon College*; M.L.S., *Peabody College of Vanderbilt University*.

## Student Life

**Patrick Mulick**, Vice President for Student Life and Dean of Students. B.A., *Gonzaga University*; M.A., *Ball State University*; Ph.D., *Western Michigan University*.

**Kimberly Hinds-Brush**, Director of Campus Life. B.A., B.S., M.Ed., *University of Nevada at Las Vegas*.

**LuAnn Baker**, Director of Health and Wellness. R.N., B.S.N., *University of Arkansas for Medical Sciences*.

**Diane Ellis**, Director of Counseling. B.S., M.A., *Southeast Missouri State University*.

**Vicki Webb**, Director of Career Development. B.A. *University of Massachusetts, Amherst*; M.Ed.; *University of Georgia*.

**Debra Dickey**, Administrative Coordinator for Student Life.

**Jennifer Pitts**, Administrative Assistant for Student Life.

**Darrell Shaw**, Coordinator of Outdoor Recreation and Education. B.A., *University of Arkansas*; M.Ed., *Western Kentucky University*.

**Courtney Beal**, International Student Advisor. B.S.E., *University of Central Arkansas*.

**Jonathan Davey**, Title III Student Engagement Specialist. A.A., *Maple Woods Community College*; B.A., *Samford University*; M.Ed., *University of Arkansas*.

**Ray D. E. McCalla**, College Chaplain. B.S., *Northwest Missouri State University*; M.A., *University of Nebraska-Lincoln*; M.Div., *University of Dubuque Theological Seminary*.

**Jeanette Youngblood**, Director of the APPLE Project (Upward Bound). B.S., *Williams Baptist College*; S.C.C.T., *Arkansas State University*.

**Rebecca Sharp, '05**, Assistant Director/Academic Coordinator of the APPLE Project. B.A., *Lyon College*; M.F.A., *University of Memphis*.

**Cory Godbolt**, Student Support/Outreach Coordinator for the APPLE Project (Upward Bound). B.S., *Ouachita Baptist University*; M.S., *Henderson State University*.

**Brandi Allen**, Administrative Coordinator for the APPLE Project (Upward Bound).

**Dana Davidson**, Project Services Coordinator for Upward Bound Math-Science. B.A., *Missouri Southern State University*.

**Jiana Stover**, Director, Upward Bound Math-Science Center. B.S., M.S., *University of California, Santa Barbara*.

**Peggy Swink**, Administrative Assistant, Upward Bound Math-Science Center.

# Awards and Honors

## Honorary Degree Recipients

Honorary degrees are awarded to individuals to recognize outstanding achievement in the honorees' respective fields and for the advancement of the principles for which the College stands.

### Date Conferee and Degree

- 1876 James Stacy, D.D.  
A.W. Pitzer, D.D.  
Isaac J. Long, D.D.
- 1878 Henry B. Boude, D.D.
- 1880 Samuel W. Davies, D.D.  
James H. McNeilly, D.D.
- 1881 U.M. Rose, LL.D.  
Julien C. Brown, A.M.  
Walter W. Killough, A.M.
- 1883 A. Ross Kennedy, D.D.
- 1884 W.P. Paxson, D.D.  
A.H. Garland, LL.D.
- 1885 James L. Martin, D.D.
- 1888 R.H. Crozier, D.D.
- 1889 T. Jeff Stubbs, Ph.D.
- 1890 Joseph W. Martin, LL.D.  
Julien C. Brown, LL.D.
- 1891 J.R. Hoeverton, D.D.
- 1893 J.M. Brown, D.D.
- 1894 Marshall W. Daggett, D.D.  
E.M. Munroe, D.D.
- 1895 Richard B. Willis, D.D.
- 1896 A.W. Milster, D.D.
- 1900 T.J. Horne, D.D.  
W.K. Patterson, D.D.
- 1901 D.C. Rankin, D.D.
- 1903 Arthur G. Jones, D.D.  
C.P. Bridewell, D.D.
- 1904 B.M. Shive, D.D.
- 1905 Malcolm McKay, D.D.
- 1906 E. Dixon Brown, D.D.
- 1908 C.C. Williams, D.D.  
Eugene C. Bingham, D.D.
- 1914 William Moore Scott, D.D.  
M.S. Smith, D.D.
- 1917 W.S. Lacy, D.D.
- 1921 H.L. Paisley, D.D.  
R.K. Timmons, D.D.
- 1922 George H. Lacy, D.D.

- W.R. Anderson, D.D.  
A.G. Jones, D.D.
- 1923 T.C. McRae, LL.D.
- 1924 William H. Irvine, D.D.  
John T. Barr, D.D.
- 1925 George McKee '07, D.D.  
J.W. Cobb, D.D.  
J.M. Williams, D.D.  
E.B. Tucker, D.D.
- 1926 Stuart Oglesby, D.D.  
Frank K. Dudley, D.D.  
James V. Johnson, D.D.
- 1927 Hugh Robertson '13, D.D.  
James F. McKensie, D.D.
- 1928 R.C. Long, D.D.
- 1930 Julian S. Sleeper, D.D.
- 1931 C.E. Newton, D.D.
- 1932 E. David Shepperson '31 D.D.  
Omar G. Davis, D.D.  
Ury McKenzie, LL.D.
- 1934 J.N. Heiskell, LL.D.  
John R. Richardson, D.D.
- 1935 B.C. Boney, D.D.
- 1936 W.B. Sullivan, D.D.  
A.C. McKinnon, D.D.
- 1937 Abner Robertson '22, D.D.
- 1941 Harmon B. Ramsey '27, D.D.  
Robert Dwight Ware, '04 D.D.
- 1942 J. Herndon McCain '27, D.D.  
John D. Spragins '20, D.D.
- 1943 Otis L. Graham '25, D.D.  
Alexander Henry '29, D.D.  
John P. Morrow '28, D.D.
- 1944 Thomas Brewster, D.D.
- 1945 S.T. Bryant, D.D.
- 1946 Walker B. Healey, D.D.
- 1947 R.D. Nolen, D.D.  
J.W. Butler, D.D.  
Margaret M. Jacobs, D.D.
- 1948 Archie C. Smith, D.D.  
Horace L. Villee, D.D.  
Claude D. Wardlaw, D.D.
- 1949 Frank R. Young '15, D.D.  
Stuart H. Salmon, D.D.  
Harry King, D.D.
- 1950 J. Leighton Scott, D.D.

- Kenneth F. Snipes '29, D.D.  
W.L. McColgan, D.D.
- 1951 Roy L. Davis, D.D.  
L.T. Lawrence, D.D.  
H.T. Kidd, D.D.
- 1952 James A. Millard, Jr., D.D.  
Charley Boyce Robinson, D.D.
- 1953 J. Russell Cross, D.D.  
Frank H. Harrin, D.D.
- 1954 Vance Barron '38, D.D.  
J.W. Bryson, D.D.  
Ira Nelson Barnett '21, LL.D.
- 1956 Ellis G. Mosley, D.D.  
Frank Lyon, Sr., LL.D.
- 1957 Stephen L. Cook '42, D.D.  
William C. Brown, Jr. '15, L.D.
- 1958 John S. Bennett '36, D.D.
- 1960 Lula G. Parse, LL.D.  
Basil Hicks '40, D.D.
- 1961 Jac Ruffin, D.D.  
Gen. Hugh Cort (Ret.), LL.D.
- 1962 Maynard M. Miller, D.D.  
Richard B. Hardie, Jr., D.D.
- 1964 Jeanette Rockefeller, L.H.D.  
Evelyn Green, L.H.D.
- 1965 Margaret P. Lester, LL.D.
- 1966 Van Weathersby, LL.D.
- 1968 W.W. Shaver, Jr., LL.D.
- 1972 William K. Kryder, D.D.  
Joe Norton, LL.D.
- 1972 William S. McLean, D.D.  
Paul M. McCain, Litt.D.
- 1977 Edward S. Bayless, D.D.  
H.G.M. (Gary) Jones '50 D.D.  
J. Gaston Williamson, LL.D.
- 1980 H. Carter Jeffery '32, L.H.D.  
Glenn A. Railsback, Jr., L.H.D.
- 1981 Robert K. Bennett, D.D.  
Thelma Pickens '22, Litt.D.
- 1982 J. Howard Edington, D.D.
- 1983 William H. Dunklin, LL.D.
- 1985 Stanley D. Farmer, D.D.  
John E. Mays, L.H.D.  
Robert H. Leslie, D.D.
- 1987 John W. Edwards, L.H.D.
- 1988 Hillary R. Clinton, LL.D.  
Lyndon M. Jackson, D.D.
- 1989 Roberta D. Brown, Litt.D.  
Marion B. Lyon, L.H.D.
- 1990 Mary Barton, Litt.D.  
David B. Orr, L.H.D.
- 1991 J. William Fulbright, LL.D.
- 1992 Bess Millen Wolf '30, L.H.D.
- 1993 Ben E. Owens '59, L.H.D.  
Dan C. West, D.S.T.
- 1994 William Carl Garner '38, L.H.D.  
Harold F. Ohlendorf, L.H.D.  
John J. Truemper, Jr., L.H.D.
- 1995 Violet W. Miller, L.H.D.  
Thomas E. Lasswell '40, L.H.D.  
Fred T. Griffin '33, L.H.D.  
Robert A. Young, III, L.H.D.
- 1996 David H. Pryor, LL.D.  
Edwin A. Lupberger, L.H.D.
- 1997 Charles J. Hoke, L.H.D.  
Virginia Porter Kirk, L.H.D.  
Frank Lyon, Jr., L.H.D.
- 1998 Roberta M. Bustin '64, L.H.D.
- 1999 Martha Heasley Cox '38, L.H.D.  
Hester Ashmead Davis, L.H.D.  
Dale L. Bumpers, LL.D.
- 2000 Graham Holloway, L.H.D.  
Doyle W. Rogers, L.H.D.
- 2001 John Eldon Miller, LL.D.  
John V. Griffith, L.H.D.  
Harry P. Ward, L.H.D.
- 2002 Wanda M. Hicks '53, L.H.D.  
Doin E. Hicks '53, L.H.D.
- 2003 George Kell, L.H.D.  
Wilson Powell, L.H.D.
- 2004 Alan G. MacDiarmid, L.H.D.  
Thomas "Mack" McLarty, L.H.D.  
Lloyd John Ogilvie, L.H.D.
- 2005 Gen. Wesley Clark, LL.D.  
Jo Luck, L.H.D.
- 2006 Richard H. Ekman, L.H.D.  
Stephen J. Trachtenberg, LL.D.  
Mary Steenburgen, L.H.D.
- 2007 Paul Greenberg, L.H.D.  
Keith Jackson, L.H.D.
- 2008 David L. Warren, L.H.D.
- 2009 David Chester Itkin, L.H.D.  
John David Mooney, L.H.D.
- 2010 James R. Cheek, L.H.D.
- 2011 William Branch, Jr., L.H.D.  
Dickson Flake, L.H.D.
- 2013 Raymond A. Lacroix Jr., L.H.D.

# Faculty Awards

## The Lamar Williamson Prize for Faculty Excellence

The Lamar Williamson Prize for Faculty Excellence provides for a cash award to one outstanding faculty member each year and a permanent silver prize cup. The faculty member is chosen each year by a committee and then is asked to present a publishable paper at a public convocation. Past recipients of the award are:

**Roberta Bustin**, J. Paul Smith Professor of Chemistry (1980)

**Terrell Tebbetts**, W.C. Brown, Jr Professor of English (1981)

**George Lankford**, Pauline M. and Brooks Bradley Professor in the Social Sciences (1982)

**Dorothy Landis Gray**, Jean Brown Professor of Music (1983)

**Jane Bush Fagg**, Professor of History (1984)

**Daniel W. Fagg, Jr.**, Paul M. McCain Professor of History (1985)

**Donald V. Weatherman**, John D. Trimble, Sr. Professor of Political Philosophy (1986)

**Bert E. Holmes**, W.C. Brown, Sr. Distinguished Professor of Chemistry (1987)

**Ann A. Rhodes**, Professor of Psychology (1988)

**Edward N. Mosley**, Professor of Mathematics (1989)

**Robert K. Holyer**, W. Lewis McColgan Professor of Religion (1990)

**Virginia F. Wray**, Associate Professor of English (1991)

**Scott Peterson**, Willie D. Bryan Associate Professor of Biology (1992)

**Thomas E. Cooper**, Anne J. Stewart Associate Professor of Economics (1993)

**George Chlebak**, Professor of Art (1994)

**Bart L. Lewis**, J. William Fulbright Professor of Modern Languages (1995)

**John Dahlquist**, Professor of History (1996)

**James L. Rulla**, Associate Professor of

Mathematics (1997)

**Andrea Hollander Budy**, Visiting Assistant Professor of English (1998)

**Russell T. Stinson**, Josephine E. Brown Professor of Music (1999)

**Teresa B. Murphy**, Assistant Professor of Education (2000)

**Cassie L. Creighton**, Associate Professor of Accounting (2001)

**A. Barrie Bondurant**, Associate Professor of Psychology (2002)

**Alan H. McNamee**, Frank and Marion Bradley Lyon Professor of Accounting (2003)

**Robert G. Gregerson**, Willie Dillard Bryan Associate Professor of Biology (2004)

**Scott M. Roulier**, Associate Professor of Political Science (2005)

**Frank L. Winfrey**, the Clark N. and Mary Perkins Barton Professor of Management (2006)

**David J. Thomas**, Associate Professor of Biology (2007)

**Tim Lindblom**, Associate Professor of Biology (2008)

**Paul Bube**, the W. Lewis McColgan Professor of Religion (2009)

**Martha Beck**, Professor of Philosophy (2010)

**David Pace**, Associate Professor of Chemistry (2011)

**Catherine Bordeau**, Associate Professor of French (2012)

**Patrick Mulick**, Associate Professor of Psychology (2013)

**Mark Schram**, Associate Professor of Biology (2014)

**Anthony Grafton**, Professor of Chemistry (2015)

## Student Awards

### The Charles H. Coffin Scholarship Medal

The Charles H. Coffin Scholarship Medal is awarded each year to an honor graduate of Lyon College who has taken his or her last three years of work here as a regular student. The award, in the form of a gold medal, represents the highest award conferred upon a Lyon College student. It

was founded around the turn of the century by Charles H. Coffin of New York City, class of 1884, as the Alumni Medal. After his death in 1916, the award was endowed by a gift from a classmate of the original donor and renamed the "Charles H. Coffin Scholarship Medal." After the mold for the medal was lost, Eugene Sloan '12 loaned his personal Coffin Medal to the College so that another die could be cast. His lifelong respect for the medal caused Mr. Sloan's family to create the Eugene Sloan Endowment for the Coffin Medal to underwrite the cost of the medal.

Records are still being searched in order to compile a complete list of recipients. The following list is incomplete:

1906 Eula Maxfield Garrott  
 1907 George T. McKee  
 1908 Horace Sloan  
 1909 Stuart R. Oglesby  
 1910 E. B. Paisley  
 1912 Eugene Sloan  
     Christine Murphy  
 1914 Malcolm E. Evans  
 1915 M. S. Smith Jr.  
 1916 Fred Maxfield  
 1921 Ira Nelson Barnett, III  
 1922 John Quincy Wolf  
 1925 William A. Sensabaugh  
 1926 Etta Brewer  
 1927 Lillian Jimeron  
     Avon Shannon  
 1928 Marguerite Glant Shannon  
     Stuart H. Salmon  
 1929 Marjorie Norton  
 1930 Bess Millen Wolf  
 1933 Ella Myrl Dobson  
     Wilma Stanley  
 1934 Allie Beth Dent  
     Doris Wray  
     Lois Thomas  
 1935 Leila Heasley  
 1936 Martha Cantley  
     Dorothy Ross  
 1939 Lillie Mae Martin  
     Frances Ross  
 1940 Frances Chaney  
 1942 Betty Wasson  
     M. E. Wasson  
 1944 Mary Engels  
 1946 Charline Bryant  
 1947 Kathleen Sharp

1948 Lowell Southerland  
 1949 James Vernon Balch  
 1950 Gary Jones  
 1951 Pearl Ottinger  
 1952 Joan Creason  
 1953 Joyce Virginia Shillcutt  
 1954 Evelyn Willard  
 1955 Von Dean Gray  
 1956 Marjorie Stuart  
 1957 Jim Gillaspy  
 1958 Ernestine Teeter  
 1959 Barbara Buford  
 1960 Jacob C. Turner  
 1961 Mike Collins  
 1962 James Logan Morgan, Jr.  
 1963 Moorene Goff Newton  
 1964 Roberta Mae Bustin  
 1965 Mary King  
 1966 Lamar Middleton  
 1967 Mayola Satterfield  
 1968 Clifford Jackson  
 1969 Lance Jones  
 1970 Ronnie Gerald Brogdon  
 1971 Ray Hamlett  
 1972 Billy Wayne Bristow  
 1973 Peggy Reynolds  
 1974 Mary Ann Gray  
 1975 Mark Wood  
 1976 Mara Marlin  
 1977 Joan Rodella Chisam  
 1978 Jeannie Dacus Whitener  
 1979 Keith Stillwell  
 1980 Karen Sue Calaway  
 1981 William L. Garner  
 1982 John Collins  
 1983 Doug Punke  
 1984 Marsha Allen  
 1985 Cynthia Britton Barber  
 1986 Patty L. Keeton Burks  
 1987 David Wesley Duke  
 1988 Benjamin Carl Blount  
 1989 Jennifer Smith  
 1990 Leroy Roberts, II  
 1991 Roger Weitkamp  
 1992 Benjamin Weston  
 1993 Shane Robert Smith  
 1994 Heather James  
 1995 Rebecca Osborne  
 1996 Robert Gregory Tebbetts  
 1997 Elizabeth Susan Neelly  
 1998 Leslie Lynn Chambliss  
 1999 Brandon Colby Flygare  
 2000 Kimberly Dickerson  
 2001 David McCullars  
 2002 Jonathan Thompson



2003 *M. Danielle Temple*  
2004 *Edlira Bashari*  
2005 *Justin Holt*  
2006 *Adam Long*  
2007 *Robert Bailey*  
2008 *Robert Frank*  
2009 *Leah Byers*  
2010 *April Burns*  
2011 *Elena Rodriguez*  
2012 *Andrew Todd*  
2013 *Jon-Michael Poff*  
2014 *Jonathan Dannatt*  
2015 *Raylnn Brann*

# Historical Records

## Chairs of the Board of Trustees

T. R. Welch .....	1872-1883
A. R. Kennedy .....	1883-1890
J. W. Butler .....	1890-1893
H. G. Bunn .....	1893-1899
Charles F. Penzel .....	1899-1901
James P. Coffin .....	1901-1926
Thomas C. McRae .....	1926-1929
Stuart R. Oglesby Jr. ....	1929
Van M. Howell .....	1930-1933
H. L. Paisley .....	1934-1938
David Shepperson Sr. ....	1939-1940
J. Herndon McCain .....	1941-1944
S. M. Bone .....	1944-1956
John P. Morrow Sr. ....	1956-1966
Shuford R. Nichols .....	1966-1976
Frank Lyon Sr. ....	1976-1987
Robert A. Young III .....	1987-1995
Graham Holloway .....	1995-1998
Robert A. Young III .....	1998-2003
Frank Lyon Jr. ....	2003-2006
Raymond A. LaCroix Jr. ....	2006-2012
Perry Wilson .....	2012-

## Presidents of Lyon College

Isaac J. Long .....	1872-1891
Eugene R. Long .....	1891-1895
John I. Cleland .....	1895-1897
Eugene R. Long .....	1897-1913
J.P. Robertson .....	1913-1915
W. S. Lacy .....	1916-1923
E. B. Tucker .....	1923-1931
Ury McKenzie .....	1931-1932
W. S. Lacy .....	1932-1937
John Crockett .....	1937-1939
John D. Spragins .....	1942-1952
Paul M. McCain .....	1952-1969
R. W. Wygle .....	1969-1972
Dan C. West .....	1972-1988
John V. Griffith .....	1989-1997
Walter B. Roettger .....	1998-2009
Donald V. Weatherman .....	2009-

## Academic Deans of Lyon College

Evander D. Brown .....	1917-1918
Eugene R. Long .....	1918-1919
R. K. Timmons .....	1919-1925
Lincoln Barker .....	1925-1929
Samuel Watkins Williams .....	1929-1932
Thomas M. Lowry Jr. ....	1932-1936
Samuel Watkins Williams .....	1936-1945
Harry King .....	1945-1954
Lorne K. McAdams .....	1954-1957
Harry King .....	1957-1958
Roland B. Dickison .....	1958-1962
Roberta Dorr Brown .....	1962-1964
Glen Haddock .....	1964-1966
Roberta Dorr Brown .....	1966-1973
Edward N. Mosley .....	1973-1975
Robert E. Knott .....	1975-1977
Roberta Dorr Brown .....	1977-1978
John T. Dahlquist .....	1978-1992
Robert K. Holyer .....	1992-1997
J. William Moncrief .....	1997-2000
John M. Peek .....	2000-2010
Virginia F. Wray .....	2010-2015
Philip Cavalier .....	2015-

# The Lyon College Campus

## Academic Buildings

The ALPHIN HUMANITIES BUILDING is named in honor of Hazel C. Alphin of El Dorado. Formerly the dining hall, it was remodeled into a classroom and faculty office building in 1984-85. It contains five classrooms, two seminar rooms, sixteen faculty offices, the Kresge Art Gallery, the Fulkerson Art Studio, a drawing studio and a faculty lounge. The Alphin Room, named in memory of Hendrick Alphin, is used for Board of Trustees' meetings and other special gatherings.

The BROWN CHAPEL AND FINE ARTS BUILDING is named in memory of William Clark Brown Sr., Allen Brown, and Josephine Brown, all of Hot Springs. The auditorium seats 500, and is used for plays, concerts, convocations, and lectures. The Edwards Pipe Organ, a Holtkamp tracker pipe organ, was installed in 1980. The Small Chapel, used for campus worship services, holds a small Pilcher pipe organ. The Bevens Music Room on the south side of the building is used for recitals, receptions, and meetings. The building also contains offices and classrooms for music faculty, practice rooms, and a choir and band room.

The HOLLOWAY THEATRE was completed in 1991, and is named in memory of I. Graham Holloway '80. It contains a 150-seat 'black box' theatre that can be set up for either three-quarter-round or proscenium theatre, and support facilities, including a rehearsal room, a green room, set and costume workshops, and storage areas.

The LYON BUSINESS AND ECONOMICS BUILDING was completed in 1993. It contains Nucor Auditorium, the Entergy Computer Center, a computer classroom, five classrooms (including four Harvard Business School-style lecture rooms), two conference rooms, three seminar rooms, four team rooms, and twenty-two faculty offices. The building's clock tower houses the 24-bell Tower Campbell Carillon.

The MABEE-SIMPSON LIBRARY was built in 1975 and renovated and expanded in 1995. It contains stacks, a faculty lounge, seminar rooms, offices, workrooms, reference and periodical collections, and the Dorothy P. Sydenstricker Room, which houses the College's archives, rare book collection and Regional Studies Center.

The DERBY CENTER FOR SCIENCE AND MATHEMATICS is named in honor of Lawrence E. and Marilyn Church Derby of Warren, Arkansas. This 60,854-square-foot facility was completed in 2003. The Derby Center is home to the College's biochemistry, biology, chemistry, computer science, environmental studies, mathematics, physics and psychology programs. It contains 13 instructional labs, and seven classrooms and seminar rooms, and 18 faculty offices.

## Athletic Facilities

The JAMES C. BECKNELL SR. PHYSICAL EDUCATION BUILDING was completed in 1970 and underwent partial renovation in summer 2001. It contains a gymnasium with seating for 1,600, a fitness center featuring weights and aerobic equipment, an Olympic sized indoor swimming pool, a smaller gymnasium, classroom, training room, coaches offices, and public lockers.

The DENNIS AND EVA GILLAM ATHLETIC COMPLEX includes the following facilities located on the eastern border of campus:

- SCOTS FIELD, Lyon's baseball park, was completed in 1997. Adjacent to it is the KIRK KELLEY BASEBALL COMPLEX, a 7,200-square-foot facility with a 60x80-foot workout area, coaches' offices, and locker room. The facility was completed in 2004 and is named in honor of head baseball coach Kirk Kelley.

- The HATCHER WRESTLING CENTER was completed in 2014 thanks to a very generous gift by Mr. Greg Hatcher of Little Rock, Arkansas. The 7,800-square-foot Center includes a workout area, locker rooms, and offices.
- A FOOTBALL TRAINING FACILITY is under construction and will be ready beginning fall 2015. The 22,000-square-foot facility includes a workout area, training room, weight room, locker room, conference space, and offices. A practice field was completed in 2014.

The MARSHAL HUSER SOCCER FIELD to the south of the Becknell Physical Education Building features a regulation soccer field.

The LYON TENNIS COMPLEX to the east of the Becknell Education Building features six competition courts with Flintkote surfaces.

HOWARD AND MARY HOUSE SOFTBALL FIELD, Lyon's softball park, was completed in spring 2009 and is located south of Huser Soccer Field.

## Residence Halls

BLANDFORD HALL is named in memory of Dr. Eugene C. Blandford, a former professor of Latin. It houses 32 students.

The BARTON STUDENT HOUSING UNITS are named in honor of Mary Barton of El Dorado. They house 48 students in six units, each of which contains four bedrooms, two baths, and a central living area.

The BROWN STUDENT HOUSING UNITS are named in honor of the Reverend Charles W. Brown of El Dorado, Arkansas. Located just west of the Barton units, they house 36 students in six units.

BRYAN HALL, named in honor of the late Rountree C. and Willie D. Bryan of Osceola, houses 48 students.

HOKE-McCAIN HALL houses 92 students. It is named in honor of former trustee Charles J. Hoke of El Dorado and Dr. Paul M. McCain, a former president of Lyon.

LOVE HALL is named in memory of Gordon Love of Hughes. It houses 32 students.

McRAE HALL is named in memory of former Governor Thomas C. McRae and Carleton McRae '29. Completed in 1989, it houses 35 students in double-occupancy suites.

SPRAGINS HALL is named in memory of Dr. John D. Spragins, a former president of Lyon. This was the first building constructed on the present-day campus and was renovated in 1986. The building contains fifteen suites with four students sharing two bedrooms, two study rooms, and a bath. It houses 60 students.

The CHARLES B. WHITESIDE III HALL will open in fall 2015 and is named in honor of former Lyon College trustee Charles B. Whiteside of Little Rock. The hall houses 100 students.

The MICHAEL E. AND PERRY LEE WILSON HALL will open in fall 2015 and is named in memory of former Lyon College trustee Michael E. Wilson and his son and current trustee and Chairman of the Board Perry Lee Wilson. The hall houses 100 students.

WILSON & ROGERS HALL, which houses 35 students in double-occupancy suites, was completed in 1989. It is named in honor of trustees Dr. R. Sloan Wilson of Little Rock and Doyle W. Rogers Jr. of Batesville.

## Administrative and Support Facilities

The WELCOME CENTER houses the enrollment services and student financial aid offices. It provides a reception area for prospective students and their parents, as well as private conference areas.

BRADLEY MANOR is the official residence of the president of Lyon. Completed in 1994, it is

named in honor of the family of the late Marion Bradley Lyon.

EDWARDS COMMONS, a 44,000-square-foot campus center, was completed in August 2012. It contains the campus store; student mailboxes; the dining room and bistro; student programming space; a game room; student government offices; conference rooms; Career Development Center, counseling center, health and wellness clinic, and the student life office. The original Edwards Commons was destroyed by fire in October 2010. Edwards Commons was named for the late John W. and Lucille Welman Edwards of Batesville. Mr. Edwards was a former trustee and banker.

The MAINTENANCE BUILDING is located at the south end of Huser Field.

The MORROW QUADRANGLE BUILDING is named in memory of John Patterson Morrow Sr., a former chairman of the Board of Trustees. The building connects to the campus residence of the resident faculty mentor of Spragins House, the freshman house in the College's house system.

The NICHOLS ADMINISTRATION BUILDING was completed in 1975 and remodeled in 2001. It is named in honor of the late Shuford R. Nichols, a former chairman of the Board of Trustees, and provides offices for the president, vice president for academic services and dean of the faculty, vice president for institutional advancement, vice president for business and finance, registrar, director of alumni and parent services, director of marketing and communications, director of human resources, controller, cashier, and other administrative staff of the College.

The TEMP houses the Scottish Heritage Program, a fine arts studio, and meeting space.

The LYON EDUCATION AND ADVENTURE PROGRAM is located in the house at 301 23rd Street.

## Other Facilities

The WILLIE BRYAN BRIDGE AND WALKWAY around the College lake was completed in 1981.

The COUCH MEMORIAL GARDEN, named in memory of the late Jessie J. Couch of Pine Bluff, contains the Ellis G. Mosley Alumni Fountain, benches, and landscaped areas of shrubs and trees.

The FACULTY HOUSE is located on 23rd Street adjacent to the campus. It contains meeting rooms and a guest suite for two persons.

The GRIGSBY HOUSE is a log house (circa 1867) which was moved from nearby Bethesda and restored by the College. It was dedicated in 1983 and provides a museum and working laboratory for folklore classes.

The MARION BRADLEY LYON GUEST HOUSE is located on 23rd Street adjacent to the campus. It contains guest suites that can accommodate up to six persons. Its decoration and most of its furnishings were a gift from Mrs. Lyon.

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