FIELDS OF STUDY

Majors: Biology, Chemistry, Mathematics
Minors: Biology, Chemistry, Computer Science, Mathematics, Physics
Pre-Professional Programs: Pre-Dental, Pre-Engineering, Pre-Law, Pre-Medical, Pre-Nursing, Pre-Occupational Therapy, Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, Pre-Veterinary
Concentration: Secondary Education

The math and science division holds an important place in a liberal arts education, which seeks to prepare students to follow their dreams wherever those may lead, not simply to prepare them for a job in one specific field. Even students who major in a field outside math and science will broaden their understanding of human culture by taking one or more courses in this area, where they will come to understand and accept scientific fact. They will learn that the world doesn’t always work in predictable ways. That truth lives in what is observed and studied in a controlled environment. That it lives in “doing the math” and arriving at surprising conclusions and well-formed logical arguments. Moreover, those who major in this area are not limited in what they can pursue after completing their degree.

WHY MATH AND SCIENCE AT LYON COLLEGE?

Math and science majors at Lyon benefit from the broad variety of available courses and the differing expertise of the faculty in various areas. Students get individualized attention because Lyon offers a student:faculty ratio of only 12 to 1. They work closely with faculty in course-related labs and in faculty-student original research. Of special interest is that Lyon science students have many opportunities to do research each summer as well. Many students have been selected to participate in Research Experiences for Undergraduates (REU), a competitive summer research program sponsored by the National Science Foundation. Those who choose to complete an individualized major in computer science easily find jobs as programmers or in other IT jobs. And if you are interested in becoming a physician, you should be impressed that our medical school admission rate exceeds 90%, more than double the national rate of around 45%. Another special option is Lyon’s Health Coaching program, in cooperation with White River Medical Center. Students work directly with at-risk patients by following up with them after their release from the hospital.
WHAT DO GRADUATES DO?
Many go on to graduate school in their field of study at such institutions as The University of Arkansas for Medical Science, University of Tennessee Health Science Center, Illinois Institute of Technology, NYIT College of Osteopathic Medicine, University of Arkansas, University of Oklahoma, University of Oregon, and University of Kansas. They then move into pharmacy, physical therapy, medicine, veterinary medicine, architecture, or other related jobs. Others go to work immediately in a related field, such as chemical laboratory work and teaching math or science in public schools. Others enter fields with no connection to their majors at all, such as banking and library science.

DISCOVER
MATH AND SCIENCE

GENERAL CORE EDUCATION REQUIREMENTS
Students in every field must complete a core curriculum that assures gaining knowledge of all academic areas so that graduates are well-rounded and appreciative of the wide range of human endeavors. Educating Productive Involved Citizens (EPIC), Lyon College's core program, is a defining feature of its liberal arts curriculum. EPIC aims to help students learn, discover, reflect, and live with an expanding awareness of their responsibility to the community, the world, and themselves.

Through Lyon's core curriculum, students develop an understanding of the intellectual and practical skills essential for engaged citizenship, the historical and cultural heritages that have shaped modern society, the differences within communities and regions around the world, and the personal responsibilities necessary for engaged citizenship.

- COR 100 Year One
- ENG 101 English Composition I
- ENG 102 English Composition II
- MTH 101 College Algebra
- ENG 105 Introduction To World Literature
- HIS 201 Western Civilization I
- HIS 202 Western Civilization II
- POL 105 The American Experience
- Two semesters of a foreign language
- One mathematics course
- One lab science course
- One social science course
- One fine arts course
- One religion/philosophy course
- Two PE activity courses

ACADEMIC CLUBS lyon.edu/student-organizations
Art Student League, American Chemical Society, Anthropology Club, Law Club, COBRA Grotto (caving), Harlequin Club (theatre), Honors Fellows Program, Math Club

ATHLETICS
Men: Basketball, baseball, cross country, football, golf, soccer, and wrestling
Women: Basketball, cross country, golf, soccer, softball, volleyball, and wrestling

HONOR SOCIETIES
Alpha Chi (juniors and seniors), Alpha Psi Omega (theatre), Chi Beta Phi (science)
Kappa Delta Pi (education), Kappa Pi (art), Lambda Delta (freshman), Phi Alpha Theta (history)
Phi Sigma Tau (philosophy), Pi Sigma Alpha (politics), Psi Chi (psychology), Sigma Delta Pi (Spanish)
Sigma Tau Delta (English), Theta Alpha Kappa (religion)

CODES
ACT: 0112
SAT: 6009
FAFSA: 001088

Information based on the 2016-17 academic year unless otherwise noted.