Computer science is a rapidly changing and increasingly important field of study. Every day, business, industry, entertainment, science, and government bodies grow more and more dependent on information systems technology and computational approaches. The computer science minor focuses on the foundations of the computer sciences, including 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 allows students to apply computer and information systems technology to a wide range of disciplines.

WHY COMPUTER SCIENCE AT LYON?
Being a good computer scientist is more than just having technical competence. Employers want professionals with excellent oral and written communication skills and the ability to interact effectively with people. Computer science minors understand the world not just from taking computer science courses: they understand it because the minor is nestled within Lyon’s core curriculum required of all students, no matter their major.

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
Computer science elective ......................................................................3 credits
Total......................................................................................... 22 credits

* Students may use this course to satisfy core requirements.

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

690 students from 23 states & 10 countries
99% receive scholarships & financial aid
12:1 student to teacher ratio
15 average class size
94% of graduates are employed or continuing their education within six months of graduation
WHAT STUDENTS SAY
"The computer science program at Lyon really helped me build a strong knowledge base around general computer science concepts, both concrete and abstract. When I entered the workforce, I was able to fall back on the knowledge and skills that I acquired and to learn much more quickly than I had anticipated. The one-on-one mentorship that Professor Sonnier provided me was also invaluable in that it helped me make an informed decision about what path I wanted my career to take." - John Pope, '14

FACULTY
Professor David L. Sonnier is a 1981 graduate of the United States Military Academy (West Point) and holds a M.S. in computer science from Georgia Institute of Technology. He spent twenty years as an officer in the US Army, where he served in the Infantry, Special Forces, and as a computer specialist. He has taught at Lyon College for 16 years and has published a number of academic papers on parallel processing, multiobjective optimization, computer science education, curriculum and pedagogy.

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)

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

DISCOVER
COMPUTER SCIENCE

CODES
ACT: 0112
SAT: 6009
FAFSA: 001088
Minority: 21%