

COMPUTER SCIENCE & PHILOSOPHY, BSLAS

for the degree of Bachelor of Arts in Liberal Arts & Sciences Major in Computer Science & Philosophy

computer science degree information: <https://cs.illinois.edu/academics/undergraduate/degree-program-options/cs-x-degree-programs#requirements>

astronomy department website:

department page:

overview of college admissions & requirements: Liberal Arts & Sciences (<http://catalog.illinois.edu/las>)

college websites: <https://las.illinois.edu/> and <https://engineering.illinois.edu>

philosophy email: phildept@illinois.edu

computer science email: undergrad@cs.illinois.edu
(academic@cs.illinois.edu)

Please see the computer science advisor as well as the philosophy advisor.

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A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office by the beginning of the fifth semester (60-75 hours).

General education: Students must complete the Campus General Education (<https://courses.illinois.edu>) requirements including the campus general education language requirement.

Minimum required major and supporting course work: Normally equates to 66 hours. Twelve hours of 300- and 400-level

Anthropology courses must be taken on this campus.

Minimum hours required for graduation: 120 hours

Code	Title	Hours
Required Computer Science Courses:		32-33
CS 100	Freshman Orientation (recommended) ¹	1
CS 125	Intro to Computer Science	4
CS 126	Software Design Studio	3
CS 173	Discrete Structures	3
CS 225	Data Structures	4
CS 233	Computer Architecture	4
CS 241	System Programming	4
Choose one of the following:		3
STAT 200	Statistical Analysis	
STAT 212	Biostatistics	
CS 361	Probability & Statistics for Computer Science	
CS 374	Introduction to Algorithms & Models of Computation	4
CS 421	Programming Languages & Compilers	3
Mathematics (may also fulfill the General Education Quantitative Reasoning I and II requirements)		9-10

MATH 220	Calculus or MATH 22Calculus I	5
MATH 225	Introductory Matrix Theory	2
MATH 231	Calculus II	3
Required Philosophy coursework		
PHIL 203	Ancient Philosophy	4
PHIL 206	Early Modern Philosophy	4
PHIL 421	Ethical Theories	3
Choose one of the following:		3
PHIL 426	Metaphysics	
PHIL 430	Theory of Knowledge	
PHIL 454	Advanced Symbolic Logic	3
PHIL 480, Capstone Seminar		3
In consultation with an advisor, choose 12 hours of philosophy courses, not more than one of which may be at the 100-level and at least two of which must be at the 300- or 400-level.		12

¹ CS 100 is an orientation course aimed at first-year students, so students who declare the major after the freshman year are not required to complete it.