

# COMPUTER SCIENCE + ANTHROPOLOGY, BSLAS

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

**computer science website:** CS+ X Degrees (<https://cs.illinois.edu/academics/undergraduate/degree-program-options/cs-x-degree-programs/#requirements>)

**anthropology website:** CS + Anthropology (<https://anthro.illinois.edu/academics/undergraduate-programs/computer-science-and-anthropology/>)

**department page:** <https://anthro.illinois.edu/>

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

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

**anthropology email:** [anthro@illinois.edu](mailto:anthro@illinois.edu)

**computer science email:** [undergrad@cs.illinois.edu](mailto:undergrad@cs.illinois.edu) ([academic@cs.illinois.edu](mailto:academic@cs.illinois.edu))

## for the degree of Bachelor of Sciences in Liberal Arts & Sciences Major in Computer Science + Anthropology

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

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). Please see the computer science advisor as well as the anthropology advisor.

**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
<b>Required Computer Science Coursework</b>		
CS 100	Computer Science Orientation (recommended; CS 100 is an orientation course aimed at first-year students, so students who declare the major after the first year are not required to complete it.)	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3
CS 225	Data Structures	4
CS 222	Software Design Lab	1
Choose one of the following combinations		8-11
CS 233 & CS 341	Computer Architecture and System Programming	
OR		
CS 340	Introduction to Computer Systems	
& two CS courses at the 400 level above CS 403, excluding CS 421 and CS 491		
Choose one of the following:		
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
<b>Mathematics (may also fulfill the General Education Quantitative Reasoning I and II requirements)</b>		
MATH 221 or MATH 220	Calculus I Calculus	4-5
MATH 225 or MATH 257	Introductory Matrix Theory Linear Algebra with Computational Applications	2 or 3
MATH 231	Calculus II	3
<b>Required Anthropology Coursework - Minimum of 24 hours</b>		

**Required Foundation Courses. Select at least 4 courses from the following. Students may make one course substitution for one of the required foundation courses, choosing from the option listed.** **12-18**

ANTH 101	Introduction to Anthropology
ANTH 110	Humanizing Science
ANTH 220 or ANTH 105	Introduction to Archaeology World Archaeology
ANTH 230 or ANTH 103	Sociocultural Anthropology Anthro in a Changing World
ANTH 240 or ANTH 102	Biological Anthropology Human Origins and Culture
ANTH 270 or ANTH 104	Language in Culture Talking Culture
ANTH 374 or ANTH 372	Anth of Science and Technology Topics in Lang & Culture

**Electives (Substitutions with permission of advisor)** **6-9**

ANTH 241	Human Biological Variation
ANTH 268	Images of the Other
ANTH 368	'America' in the World
ANTH 375	The Culture of Nature
ANTH 399	Special Topics (check with advisor for appropriate topics)
ANTH 411	Research Methods in Socio-Cultural Anthropology
ANTH 423	Economic Anthropology
ANTH 453	Landscape Archaeology
ANTH 499	Topics in Anthropology (check with advisor for appropriate topics)
Optional Senior Capstone Project (See advisor for details)	