

COMPUTER SCIENCE + ANTHROPOLOGY, BSLAS

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

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
Required Computer Science Coursework		
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

Mathematics (may also fulfill the General Education Quantitative Reasoning I and II requirements)

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

Required Anthropology Coursework - Minimum of 24 hours

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.

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)

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

1. A broad knowledge of cultural, social, linguistic and biological facets of the human condition and the methods anthropologists use to study them.
2. Ability to conduct independent research through data collection, critical analysis, synthesis, and written presentation of findings.
3. An understanding of the ethical and social dimensions of anthropological research and their impacts on society.

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

Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a fourth level of a language other than English. See the corresponding section on the Degree and General Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

First Year

First Semester	Hours	Second Semester	Hours
Free elective course		1 CS 128	3
CS 100		1 CS 173	3
ANTH Foundation course		3 ANTH Foundation course	3
CS 124		3 MATH 220 (or MATH 221)	4
Composition I or General Education course		4 General Education course or Composition I	3
General Education Course		3	
		15	16

Second Year

First Semester	Hours	Second Semester	Hours
CS 222		1 CS 233 (or CS 340)	4
CS 225		4 STAT 200 (or STAT 212 or CS 361)	3
MATH 225 (or MATH 257)		3 MATH 231	3
Language Other Than English (3rd level)		4 Language Other Than English (4th level)	4
General Education course		3 General Education Course	3
		15	17

Third Year

First Semester	Hours	Second Semester	Hours
CS 341 (or CS 400-level course)		4 CS 374	4
ANTH Foundation course		3 CS 400-level course or Free elective course	3
ANTH Elective course		3 ANTH Elective course	3
General Education Course		3 General Education Course	3

General Education Course	3 General Education Course	3
		16

Fourth Year

First Semester	Hours	Second Semester	Hours
CS 421		3 ANTH Foundation course	3
ANTH Foundation course		3 General Education Course	3
General Education Course		3 Free elective course	3
Free elective course		4 Free elective course	3
		13	12

Total Hours 120

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

CS + X Degrees (<https://cs.illinois.edu/academics/undergraduate/degree-program-options/cs-x-degree-programs/#requirements>)
 CS + Anthropology (<https://anthro.illinois.edu/academics/undergraduate-programs/computer-science-and-anthropology/>)
 Anthropology department page (<https://anthro.illinois.edu/>)
 Anthropology email (anthro@illinois.edu)
 Computer Science email (undergrad@cs.illinois.edu)

Overview of Liberal Arts & Sciences admissions & requirements (<http://catalog.illinois.edu/schools/las/>)
 College of Liberal Arts & Sciences website (<https://las.illinois.edu/>)

The Grainger College of Engineering website (<https://grainger.illinois.edu>)