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://engineering.illinois.edu
anthropology email: anthro@illinois.edu
computer science email: undergrad@cs.illinois.edu (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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CS 100</td>
<td>Freshman Orientation (recommended) 1</td>
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<tr>
<td>CS 124</td>
<td>Introduction to Computer Science I</td>
<td>3</td>
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<tr>
<td>CS 128</td>
<td>Introduction to Computer Science II</td>
<td>3</td>
</tr>
<tr>
<td>CS 173</td>
<td>Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td>CS 225</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CS 222</td>
<td>Software Design Lab</td>
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Choose one of the following combinations 8-11
- CS 233 Computer Architecture
- CS 241 and System Programming

OR

CS 240 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

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<tr>
<td>CS 361</td>
<td>Probability &amp; Statistics for Computer Science</td>
<td>4</td>
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<tr>
<td>CS 374</td>
<td>Introduction to Algorithms &amp; Models of Computation</td>
<td>4</td>
</tr>
<tr>
<td>CS 421</td>
<td>Programming Languages &amp; Compilers</td>
<td>3</td>
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Mathematics (may also fulfill the General Education Quantitative Reasoning I and II requirements)

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<th>Code</th>
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<th>Hours</th>
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<tr>
<td>MATH 221</td>
<td>Calculus I</td>
<td>4-5</td>
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<tr>
<td>MATH 220</td>
<td>Calculus</td>
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<tr>
<td>MATH 225</td>
<td>Introductory Matrix Theory</td>
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<tr>
<td>MATH 257</td>
<td>Linear Algebra with Computational Applications</td>
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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. 12-18

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

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.

Information listed in this catalog is current as of 02/2022