COMPUTER SCIENCE & ANTHROPOLOGY, BSLAS

for the degree of Bachelor of Arts 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 Arts 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>
</tr>
</thead>
<tbody>
<tr>
<td>CS 100</td>
<td>Freshman Orientation (recommended)</td>
<td>0-1</td>
</tr>
<tr>
<td>CS 125</td>
<td>Intro to Computer Science</td>
<td>4</td>
</tr>
<tr>
<td>CS 126</td>
<td>Software Design Studio</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 233</td>
<td>Computer Architecture</td>
<td>4</td>
</tr>
<tr>
<td>CS 241</td>
<td>System Programming</td>
<td>4</td>
</tr>
<tr>
<td>Choose one of the following:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>STAT 200</td>
<td>Statistical Analysis</td>
<td></td>
</tr>
<tr>
<td>STAT 212</td>
<td>Biostatistics</td>
<td></td>
</tr>
<tr>
<td>CS 361</td>
<td>Probability &amp; Statistics for Computer Science</td>
<td></td>
</tr>
<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>
</tr>
</tbody>
</table>

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

Required Computer Science Coursework

- MATH 221 Calculus I 4-5
- MATH 225 Introductory Matrix Theory 2
- 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 220 Introduction to Archaeology or ANTH World Archaeology
- ANTH 230 Sociocultural Anthropology or ANTH Anthro in a Changing World
- ANTH 240 Biological Anthropology or ANTH Human Origins and Culture
- ANTH Language in Culture 270/271
- or ANTH Talking Culture
- ANTH 374 Anth of Science and Technology or ANTH Topics in Lang & Culture

Electives (Substitutions with permission of advisor) 6-9

- ANTH 241 Human Biological Variation
- ANTH 268 Images of the Other
- ANTH 362 Body, Personhood, and Culture
- 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.