COMPUTER SCIENCE AND ANTHROPOLOGY

For the Degree of Bachelor of Science in Liberal Arts and Sciences

Major in Computer Science (https://cs.illinois.edu/academics/undergraduate/degree-program-options/cs-x-degree-programs/#requirements) and Anthropology (https://anthro.illinois.edu/academics/undergraduate-programs/computer-science-and-anthropology)

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

Computer Science email: academic@cs.illinois.edu

Anthropology email: anthro@illinois.edu

Minimum required major coursework normally equates to 66 hours.

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

Twelve hours of 300- and 400-level courses in the major must be taken on this campus.

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.

Minimum hours required for graduation: 120 hours

### Code | Title | Hours
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**Required Computer Science Coursework**
CS 100 | Freshman Orientation (recommended) | 0-1
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:
STAT 200 | Statistical Analysis | 3
STAT 212 | Biostatistics | 3
CS 361 | Probability & Statistics for Computer Science | 3
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 | Calculus I | 4-5
or MATH 222 | Calculus | 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 |
- ANTH 230 | Sociocultural Anthropology |
- ANTH 240 | Biological Anthropology |
- ANTH 270/271 | Language in Culture |
- or ANTH 374 | Anth of Science and Technology |
- or ANTH 375 | Anth in a Changing World |
- or ANTH 376 | Anthro in a Changing World |
- or ANTH 377 | Anthro in a Changing World |
- or ANTH 411 | Research Methods in Socio-Cultural Anthropology |
- or ANTH 423 | Economic Anthropology |
- or ANTH 453 | Landscape Archaeology |
- or ANTH 499 | Topics in Anthropology |

**Electives (Substitutions with permission of advisor)**

- 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)

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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.