

CS & Linguistics Plan of Study

This is meant to be followed loosely as the Linguistics/Computer Science has many possible course combinations. Please refer to the course bulletin for a full list of courses that students can take. Reach out to your advisor if you have questions!

**Pre-req for CS 542 is CS 365 Foundations of Data Science, but it's not a pre-req for CS541*

FALL

SPRING

FRESHMAN

LX 250: Intro to Linguistics

LX 331: Semantics & Pragmatics

CS 111: Intro to CS 1

CS 112: Intro to CS 2

WR 120: First-Year Writing Seminar

Second Semester Writing Course - WR 151, WR 152 or WR 153

Foreign Language Course/Hub Course

Foreign Language Course/Hub Course

SOPHMORE

CS 131: Combinatoric Structures

CS 132: Geometric Algorithms

LX 301: Phonetics & Phonology

LX elective 300-level or above

Hub Course

Hub Course

Foreign Language Course/Hub Course

Foreign Language Course/Hub Course

JUNIOR

CS 210: Computer Systems

CS330: Intro to Analysis of Algorithms

CS 237: Probability in Computing

LX elective 300-level or above

LX 321: Syntax

Hub Course

Hub Course

Hub Course

SENIOR

LX 496: Comp Linguistics **or** CS 505: Intro Natural Lang Process

CS 542 **or** CS 541 **or** LX 400 level Course*

CS 365: Foundations of Data Science **or** Hub course

Hub Course

Hub Course

Hub Course

Hub Course

Hub Course

Graduation Requirement Breakdown

CAS Requirements

- CAS Programs require a minimum of 128 credits, excluding PDP, ROTC, and CASFY and CASSY courses.
- 4th semester foreign language or demonstration of equivalent proficiency.

CS & Linguistics Joint Major Requirements

CS Foundation Courses

- CS111 & CS112
- CS 210
- CS330

CS Math Background Courses

- CS131
- CS132
- CS237

LX Courses

- LX 250
- LX 301
- LX321
- LX331

Electives

- LX496 **or** CS505
- 2 LX electives level 300 or above
- CS 541 **or** CS542 **or** LX elective level 400 or above

Hub Requirements

The HUB is a set of 26 requirements for all BU undergraduate students. They can be completed in ~10-12 courses. Hub courses can count toward majors & minors. Below are the list of Hub requirements that are **not** already included in the CS major courses

- 1 Philosophical Inquiry & Life's Meanings
- 1 Aesthetic Exploration
- 1 Historical Consciousness
- 1 Ethical Reasoning
- 2 Research and Information Literacy
- 2 Teamwork/Collaboration
- 1 First-Year Writing Seminar
- 1 Writing, Research, and Inquiry
- 2 Writing-Intensive Course
- 1 Oral and/or Signed Communication