COMPUTATIONAL LINGUISTICS MAJOR Worksheet

Note: Before declaring any major, meet with a Linguistics faculty advisor to review your plan.

Prerequisites (Two Courses Total):

- LING 1 Term: _____
- COSC 1 Term: _____

Requirements (Ten Courses Total):

Three (3) Linguistics Courses:

- LING ___ Term: _____
- LING ___ Term: _____
- LING ___ Term: _____

For the three courses above, please select from the list below:

- LING 17 Sociolinguistics
- LING 20 Experimental Phone
- LING 22 Syntax
- LING 23 Semantics & Pragmatics
- LING 24 Discourse Analysis
- LING 26 Morphology

Two (2) Computational Linguistics Courses:

- LING 50.__ Term: _____
- LING ___ Term: _____

For the second course in this category, please select from the options below:

- LING 28 Computational Linguistics *(Prereq. LING 1)*
- LING 48 Accelerated Computational Linguistics *(Prereq: COSC 1)*

Three (3) Computer Science/Math Courses:

- COSC 10 Term: _____
- COSC 50 Term: _____
- _____ Term: _____

For the remaining course in this category, please select from the options below:

- MATH 22 Linear Algebra with Applications *(no prerequisite)*
- COSC 70 Foundations of Applied Computer Science *(Prereq. MATH 3 or Calculus)*

One Elective Course:

One elective course can be drawn from Linguistics, Computer Science, Quantitative Social Science, or a related field. This course is selected in consultation with the major advisor. Note: Relevant CS courses include COSC 76 Artificial Intelligence and COSC 78 Deep Learning.

One Culminating Experience:

LING 85 or LING 86-87: Students may either take a one-term Independent Study (LING 85) or a two-term senior honors thesis (LING 86-87). These courses will provide hands-on experience and personal mentoring in a computational project, which are important parts of a Computational Linguistics education. Since the honors thesis provides two course credits (LING 86-87), a student who chooses this option may reduce one course from among the other required categories in the major, with the approval of the major adviser.