Minor in Computational Linguistics —— CSCICL-MIN

The Computer Science Department and the Linguistics and Communication Disorders Department jointly offer a minor in Computational Linguistics that is designed to provide students majoring in Computer Science (BA or BS degree) or General Linguistics with the necessary interdisciplinary skills for a career in research, application, and technology development of computerized natural language processing.

Requirements for the Minor in Computational Linguistics:

1. **Computer Science majors (18 cr.):** LCD 101; one of 102, 110, or 130; 120; 220; 306; and a 300-level CSCI elective in an area of natural language processing (which may count as an elective for the CS major).

2. **General Linguistics majors (18 cr.):** CSCI 111, 120, 212, 314, a 300-level CSCI elective in an area of natural language processing, and a course in probability and statistics (either MATH 114 or MATH 241). If students have the appropriate prerequisites, they are encouraged to take MATH 241 because it provides a stronger foundation for their further study or research in computational linguistics beyond the courses in this minor.

3. **Other majors (33 cr.):** Students in any other major have to complete both lists of required courses.

4. The minimum grade in any required course is C-; the minimum combined grade point average for courses in the minor is 2.7 (B-). At least half of the required course credits must be completed at Queens College.

Appendix: Course Titles

- CSCI 111 Introduction to Algorithmic Problem Solving
- CSCI 120 Discrete Mathematics for Cross-disciplinary Minors
- CSCI 212 Object-Oriented Programming in Java
- CSCI 314 Data Structures for Cross-disciplinary Minors
- LCD 101 Introduction to Language
- LCD 110 Phonetics
- LCD 120 The Syntactic Structure of English I
- LCD 130 The Sound Structure of English
- LCD 220 The Syntactic Structure of English II
- LCD 306 Semantics and Pragmatics
- MATH 114 Elementary Probability and Statistics
- MATH 241 Introduction to Probability and Mathematical Statistics