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