B.S. in Computational Linguistics

Students must complete the College of Arts and Sciences Education (CASE) requirements. B.S./M.S. coursework can count towards the Social and Historical Studies and Natural and Mathematical Sciences Breadth of Inquiry requirements. Foundations: English Composition and Mathematical Modeling, World Languages and Culture, Breadth of Inquiry: Arts and Humanities, CASE: Intensive Writing, Critical Approaches to the Arts and Sciences, and Public Communication requirements are completed with courses offered by outside departments.

IUB General Education and College CASE requirements:

Foundations: English Composition, Mathematical Modeling	6 hrs
World Languages and Cultures\CASE Foreign Language: Four semesters of a foreign language or equivalent proficiency	14-16 hrs
Public Communication: One course	3 hrs
Critical Approaches to the Arts and Sciences: One course	3 hrs
Arts and Humanities: Two courses	6 hrs
Social and Historical Studies: Two courses	6 hrs
Natural and Mathematical Sciences: Satisfied by Math and Logic Foundation	—
Total:	38-40 hrs

Math and Logic Foundation

Mathematics	M212 "Calculus II"	3 hrs
Statistics	STAT-S 320 "Introduction to Statistics"	3 hrs
Logic	PHIL-P 250 "Introductory Symbolic Logic" or COGS-Q250 "Mathematics and Logic for the Cognitive and Information Sciences"	3 hrs or 4 hrs
	Total:	9-10 hrs

Computational BS Core requirements

Linguistics	LING-L203 "Introduction to Linguistic Analysis" (formerly LING-L303) , LING-L306 "Phonetics," LING-L307 "Phonology," LING-L310 "Syntax"	12 hrs
Computational	LING-L245 "Language and Computers," LING-L415 "Corpus Linguistics" (new course), LING-L435 "Foundational Skills in Computational Linguistics" (new course), LING-L445 "Introduction to Computational Linguistics"	12 hrs
Computer Science	Computer Science: CSCI-C211 "Introduction to Computer Science," CSCI-C212 "Introduction to Software Systems"	8 hrs

Electives (2 Courses from the Following List)

Linguistics	LING-L308 "Morphology," LING-L315 "Introduction to Sociolinguistics," LING-L325 "Semantics"	
School of Informatics	CSCI-A290 "Tools for Computing," CSCI-C241 "Discrete Structures for Computer Science," CSCI-C343 "Data Structures"	6-7 hrs
Cognitive Science	COGS-Q351 "Introduction to Artificial Intelligence and Computer Simulation"	
	Total:	38-39 hrs

Outside Concentration (Required)

The outside concentration must consist of 12 credit hours at any level taken in one department. The following disciplines are appropriate for an outside concentration: cognitive science, computer science, informatics, mathematics, psychology, or a foreign language (the latter must be different from the language used to fulfill the WLC requirement). Alternatively, students can fulfill this requirement through a minor offered by any of these departments.	
Total:	12 hrs

Grand total: 97-101 hrs