

Natural Language Processing Certificate

Updated April 2024

Name:

SID:

CERTIFICATE REQUIREMENTS (12 UNITS)

Core Courses (Take 2)

ISTA 130: Computational Thinking & Doing*	<i>Recommended pre-req: MATH 107 or higher</i>	<input type="checkbox"/>
ISTA 439: Statistical Natural Language Processing	Pre-req: ISTA 355	<input type="checkbox"/>

Core Option Course (Take 1)

ISTA 355: Introduction to Natural Language Processing	Pre-req: ISTA 130 or CSC 110 or ECE 175 AND ISTA 131 or CSC 120 or instructor consent	<input type="checkbox"/>
LING 388: Language & Computers	Pre-req: LING 201	

Elective course (Take 1)

	<input type="checkbox"/>
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* Students may also fulfill requirement with CSC 110, LING 201, or LING 408

COMMENTS

IMPORTANT NOTES:

- Students must earn a minimum of a 2.0 (C average) to graduate with this minor.
- Students are allowed to use up to 2 courses (typically 6 units) between a major, minor, or general education and certificate program with departmental approval.
- Students may enroll in two certificate programs to fulfill required minor for iSchool majors.

Elective Course Options (Take 1)

ISTA 131	Dealing with Data	Pre-req: ISTA 130 or equivalent
CSC 483/ ISTA 456	Text Retrieval & Web Search	CSC 483 Pre-req: CSC 345
ISTA 455	Applied Natural Language Processing	Pre-req: ISTA 350 or ECE 373 or CSC 335 or CSC 345 or instructor consent
LING 408	Computational Techniques for Linguists	
LING 438	Computational Linguistics	
LING 478	Speech Technology	