A Balanced and Broadly Targeted Computational Linguistics Curriculum

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GEORGETOWN UNIVERSITY

Georgetown's graduate comp ling/NLP program has grown substantially in the last 7 years

Interdisciplinary: students from linguistics, CS, data science, etc.

- ☞ varied academic backgrounds (students new to programming or linguistics) + goals (industry, research)

Emphases include

- ☞ core CL/NLP as well as HLT
- ☞ working directly with language data
- ☞ languages beyond English
- ☞ collaboration

	Course	Target audience	Frequency	Instructor
NLP	Intro NLP (INLP)	any except CS	Annual	Z
	Advanced Python for CL	Ling+Analytics	Annual	A
	Empirical Methods in NLP (ENLP)	Ling+CS	Annual	S
CL METHODS	Computational Corpus Linguistics	any	Annual	Z
	Analyzing Language Data with R	Ling	2 Years	Z
	Machine Learning for Linguistics	Ling	2 Years	Z
APPLICATIONS	Speech Processing	Ling	2 Years	A
	Dialogue Systems	any	2 Years	A
	Statistical/Neural Machine Translation	any	2 Years	A
SPECIAL TOPICS	Social Factors in CL/AI	any	2 Years	A
	Discourse Modeling	Ling+CS	2 Years	Z
	Grammar Formalisms	Ling	3–4 Years	P
	Meaning Representations	Ling+CS	2 Years	S

Instructor legend
S: Nathan Schneider
P: Paul Portner
Z: Amir Zeldes
A: Adjunct faculty

Course Descriptions: http://gucl.georgetown.edu/gu-cl-curriculum.pdf