

COMPUTATIONAL LINGUISTICS (M.S.)

For details about this program, including program description, admission requirements, and contact information, click here (<https://www.montclair.edu/graduate/programs-of-study/computational-linguistics-ms/>).

Program Requirements

Code	Title	Credits
Foundation Courses		
Students with a background other than Linguistics or Computer Science will have to complete up to 11 credits of foundation courses.		0-11
APLN 500	Language and Linguistics	
CSIT 504	Discrete Mathematics in Computing	
CSIT 505	Python Programming	
Total Credits		0-11
Code	Title	Credits
Required Courses		
APLN 504	Syntax	3
APLN 505	Semantics and Pragmatics	3
APLN 506	Phonetics and Phonology	3
APLN 550	Computational Linguistics	3
APLN 552	Special Topics in Natural Language Processing	3
APLN 553	Text Analysis Tools	3
CSIT 506	Data Structures with Python	4
CSIT 598	Machine Learning	3
Electives		
Complete at least 2 courses from the following:		6
APLN 563	Quantitative Linguistics	
APLN 570	The Structure of American Sign Language	
APLN 580	Corpus Linguistics	
APLN 581	Linguistic Annotation	
APLN 582	Language and Mobile Communication	
APLN 590	Special Topics in Applied Linguistics	
CSIT 528	Statistics for Data Science	
CSIT 553	Exploratory Data Analysis and Visualization	
CSIT 554	Big Data Analytics	
CSIT 555	Database Systems	
CSIT 558	Data Mining	
CSIT 571	Computer Algorithms and Analysis	
INFO 583	Data Mining for Business	
MATH 535	Linear Algebra I	
Culminating Experience		
APLN 606	Research Project in Natural Language Processing	3
or APLN 698	Master's Thesis	
Total Credits		34