LINGUISTICS - LANGUAGE ENGINEERING CONCENTRATION (B.A.)

The **Linguistics major with a concentration in Language Engineering** is for students interested in the intersection of language and computer science. Students explore the
structure and semantics of natural languages alongside computational methods for processing, analyzing, and generating language data. The concentration prepares
students for jobs in the growing field of language technology by teaching the technical parts of linguistics needed for language-related roles in the tech industry.

Unless otherwise noted, 120 credits of coursework is required for a baccalaureate degree with a minimum 2.0 overall GPA, and a minimum 2.0 major GPA.

Degree Requirements Overview

Code	Title	Credits
New Student Seminar		1
SEEDS General Education Requirements		30-33
Major Requirements		39-40
Free Electives		50-46
Total Credits		**120**

Major Requirements

Code	Title	Credits
Major Requirements		
Required Courses		
LNGN 210	Introduction to General Linguistics	3
LNGN 220	Structure of American English	3
LNGN 230	Language in Society	3
or LNGN 245	Language and Culture	
LNGN 300	Syntax	3
LNGN 301	Semantics	3
or LNGN 302	Pragmatics	
LNGN 331	Phonetics	3
LNGN 332	Phonology	3
LNGN 445	Natural Language Processing	3
Language Engineering Electives		
Complete 12-13 credits from the following:		12-13
LNGN 120	Language and Computers	
LNGN 130	Speech Processing	
LNGN 320	Quantitative Linguistics	
LNGN 330	Scripting Tools for Text Analysis	
LNGN 340	Linguistic Annotation	
LNGN 380	Corpus Linguistics	
CSIT 170	Discrete Mathematics	
Other Electives		
Complete 3 credits from one of the remaining Language Engineering electives or choose from the list below.		3
Total Credits		**39-40**

Other Electives

Code	Title	Credits
LNGN 110	Language of Food	3
LNGN 230	Language in Society	3
or LNGN 245	Language and Culture	
LNGN 240	Languages of the World	3
LNGN 250	Language of Propaganda	3
LNGN 255	Language and Gender	3
LNGN 260	Dialectology	3
LNGN 280	Bilingualism	3
LNGN 284	History of the English Language	3
LNGN/PSYC 288	Introduction to Cognitive Science	3
LNGN 301	Semantics	3
or LNGN 302	Pragmatics	
LNGN 304	Principles of Discourse Analysis	3
LNGN 310	Morphology	3
LNGN 325	Principles of Second Language Learning	3
LNGN 350	Linguistics of American Sign Language and Other Signed Languages	3
LNGN 351	Gesture, Sign, and Speech: The Multi-Modality of Communication	3
LNGN 370	Comparative and Historical Linguistics	3
LNGN 420	Language and the Mind	3
LNGN 430	Field Methods	3
LNGN 450	Special Topics in Linguistics	3
LNGN 478	Independent Study	3
LNGN 488	Seminar in Cognitive Science	3
PSYC 348	Psycholinguistics	3

New Student Seminar

Code	Title	Credits
Students in the Adult Learner program must take GNED 100.		
Complete one course from the following. Some courses may be restricted by major. Consult with an academic advisor.		1
ADVS 198	Pathways to Success	
CHEM 190	Freshman Seminar in Chemistry	
FYS 100	First Year Seminar	
GNED 100	Adult Academic Success Seminar	
GNED 199	New Student Seminar	
HPEM 199	Freshman Seminar in Health and Physical Education	
IDS 155	Pathways to Adult Learning	
JUST 199	New Student Seminar	
MATH 102	New Student Experience for Mathematical Sciences	
MUGN 199	Freshman Seminar for Music Majors	
NURS 199	Introduction to Nursing	
POLS 199	Freshman Seminar in Political Science and Law	

SEEDS General Education Requirements

Click here for a listing of courses that fulfill the SEEDS requirements. (http://catalog.montclair.edu/programs/seeds-general-education-requirements/)

Code	Title	Credits
Foundations		
Effective Writing I		
Complete one Effective Writing I course.		3
Effective Writing II		
Complete one Effective Writing II course.		3
Interactive Communication		
Complete one Interactive Communication course.		3
Quantitative Reasoning		
Complete one Quantitative Reasoning course.		3
Political and Civic Life		
Complete one Political and Civic Life course.		3
World Languages		
Complete two sequential classes in one World Language when starting at the Beginner I or Beginner II level. Complete one class when starting at the Intermediate/Advanced Level.		3-6
Exploration		
Complete one course from four different Exploration categories.		12
Analyzing Cultures and Societies		
Creative Expression		
Ethical Inquiry		
Historical Thinking		
Literary and Artistic Analysis		
Scientific Reasoning		
Total Credits		**30-33**