COMPUTATIONAL LINGUISTICS CERTIFICATE PROGRAM

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-certificate/).

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>APLN 550</td>
<td>Computational Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>APLN 552</td>
<td>Special Topics in Natural Language Processing</td>
<td>3</td>
</tr>
<tr>
<td>APLN 553</td>
<td>Text Analysis Tools</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Courses

Based on academic background, select one of the following: 9-12

**Linguistics Background**

- CSIT 504 Discrete Mathematics in Computing
- CSIT 505 Python Programming
- CSIT 506 Data Structures with Python

**Computer Science Background**

- APLN 500 Language and Linguistics
- APLN 504 Syntax

or APLN 524 Advanced Structure of American English

Select one of the following:

- APLN 502 Sociolinguistics
- APLN 504 Syntax
- APLN 505 Semantics and Pragmatics
- APLN 506 Phonetics and Phonology
- APLN 510 Discourse Analysis
- APLN 520 Current Theories of Second Language Acquisition
- APLN 560 Translation Theory
- APLN 570 The Structure of American Sign Language

Total Credits 18-21