## 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>
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<tbody>
<tr>
<td><strong>Core Courses</strong></td>
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<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>
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<tr>
<td><strong>Additional Courses</strong></td>
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<td>Based on academic background, select one of the following:</td>
<td>9-12</td>
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**For Students with No Computer Science Background**
- CSIT 504  Discrete Mathematics in Computing
- CSIT 505  Python Programming
- CSIT 506  Data Structures with Python

**For Students with No Linguistics 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