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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</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></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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<table>
<thead>
<tr>
<th>Additional Courses</th>
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<tbody>
<tr>
<td>Based on academic background, select one of the following:</td>
<td>9-12</td>
</tr>
<tr>
<td>For Students with No Computer Science Background</td>
<td></td>
</tr>
<tr>
<td>CSIT 504</td>
<td>Discrete Mathematics in Computing</td>
</tr>
<tr>
<td>CSIT 505</td>
<td>Python Programming</td>
</tr>
<tr>
<td>CSIT 506</td>
<td>Data Structures with Python</td>
</tr>
<tr>
<td>For Students with No Linguistics Background</td>
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<tr>
<td>APLN 500</td>
<td>Language and Linguistics</td>
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<tr>
<td>APLN 504</td>
<td>Syntax</td>
</tr>
<tr>
<td>or APLN 524</td>
<td>Advanced Structure of American English</td>
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<td>Select one of the following:</td>
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<tr>
<td>APLN 502</td>
<td>Sociolinguistics</td>
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<tr>
<td>APLN 504</td>
<td>Syntax</td>
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<tr>
<td>APLN 505</td>
<td>Semantics and Pragmatics</td>
</tr>
<tr>
<td>APLN 506</td>
<td>Phonetics and Phonology</td>
</tr>
<tr>
<td>APLN 510</td>
<td>Discourse Analysis</td>
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<tr>
<td>APLN 520</td>
<td>Current Theories of Second Language Acquisition</td>
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<tr>
<td>APLN 560</td>
<td>Translation Theory</td>
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<tr>
<td>APLN 570</td>
<td>The Structure of American Sign Language</td>
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Total Credits 18-21