## B.S. in Applied Physics and B.S. in Mathematical Sciences, Applied Mathematics

(122 Credits)

### First Year

<table>
<thead>
<tr>
<th>1st Semester</th>
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<tbody>
<tr>
<td>MATH 111</td>
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<tr>
<td>CS 100</td>
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<td>or CS 115</td>
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<td>PHYS 111</td>
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**Term Credits**: 17

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**Term Credits**: 15

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History and Humanities GER 200 level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)

**Term Credits**: 16

### Third Year

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<td>MATH 332</td>
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<tr>
<td>MATH 450</td>
<td>Methods Of Applied Math</td>
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<tr>
<td>MATH 473</td>
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<tr>
<td>MATH 480</td>
<td>Introductory Mathematical Analysis</td>
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<td>PHYS 442</td>
<td>Introduction to Quantum Mechanics</td>
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