CURRICULUM LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE IN
MATHEMATICS
(120 credits)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<td>Credits</td>
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<tr>
<td>UNIV 101 Univ Community</td>
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<tr>
<td>PE 150/HEd 151/MS 150</td>
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<tr>
<td>E 150 English Composition</td>
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<tr>
<td>M 158 Calculus I</td>
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<tr>
<td>M 210 Finite Mathematics</td>
<td>3</td>
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<tr>
<td>CS 151 Intro to Computer Science</td>
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**SOPHOMORE YEAR**

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<tr>
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<tbody>
<tr>
<td>E 250/255 World Literature</td>
<td>3</td>
<td>H 250/251 World Civilization</td>
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<tr>
<td>MU 250/ARTS 250/D 254</td>
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<td>SOC 250/PSY 250/EPSY 250</td>
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<td>M 278 Calculus III</td>
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<td>M 315 Discrete Mathematics</td>
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<td>ECON 250/255/ET 255</td>
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<td>3</td>
<td>P 255 General Physics II</td>
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<td>P 253 General Physics II Lab</td>
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**JUNIOR YEAR**

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<tr>
<td>Elective</td>
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<td>Group I</td>
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<tr>
<td>M 314 Linear Algebra</td>
<td>3</td>
<td>M 306 Modern Algebra</td>
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<tr>
<td>M 305 Intro. to Modern Geometry</td>
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<tr>
<td>M 309 Stat Meth &amp; Data Anal</td>
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<tr>
<td>M 403 Differential Equations</td>
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<td>Group III</td>
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**SENIOR YEAR**

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<tr>
<td>M 404 Real Analysis I</td>
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<tr>
<td>M 410 Numerical Analysis I</td>
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*Group I:* M 207, M 301, M303, CS 171, CS 201, CS 202 (Take a minimum of 2 courses) 6 hours

*Group II:* M 310, M 350, M408, M409, M 412/IET 357 (Take a minimum of 2 courses) 6 hours

*Group III:* M 405, M 406, M 407, M 411, M 498 (Take a minimum of 3 courses) 9 hours

FALL 2010