### Lander University

#### 4-Year Major Guide

**Odd Fall Entry**

<table>
<thead>
<tr>
<th>Major/Program</th>
<th>Computer Information Systems (Networking)</th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>Science and Mathematics</td>
</tr>
<tr>
<td>Department</td>
<td>Mathematics and Computing</td>
</tr>
<tr>
<td>Contact</td>
<td>Dave Slimmer, Dean</td>
</tr>
<tr>
<td></td>
<td>2018-2019</td>
</tr>
</tbody>
</table>

**First Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 130</td>
<td>General Education Elective</td>
<td>4</td>
</tr>
<tr>
<td>CIS 102</td>
<td>or successful completion of CIS 102 exemption test, see advisor; or CIS 202 Core Academic Skills (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 121, MATH 123, or MATH 141</td>
<td>Core Academic Skills (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 101</td>
<td>Core Academic Skills (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>LINK 101</td>
<td>Core Academic Skills (General Education)</td>
<td>1</td>
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</table>

**Subtotal** 14

**Second Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 231</td>
<td>Core Academic Skills (General Education)</td>
<td>4</td>
</tr>
<tr>
<td>CIS 250</td>
<td>General Education</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Education</td>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>General Education</td>
<td>Humanities and Fine Arts (General Education)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal** 17

**Third Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 335</td>
<td>If MATH 211 taken, then take MATH 212 in next semester</td>
<td>3</td>
</tr>
<tr>
<td>CIS 341</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>*MATH 211 or MATH 311</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Education</td>
<td>Behavioral and Social Perspectives (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
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**Subtotal** 15

**Fourth Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 321</td>
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<td>3</td>
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<tr>
<td>CIS 340</td>
<td></td>
<td>3</td>
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<tr>
<td>Electives</td>
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**Subtotal** 14

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 120</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>*MATH 125 or MATH 325</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Education</td>
<td>Behavioral and Social Perspectives (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102</td>
<td>Core Academic Skills (General Education)</td>
<td>3</td>
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<tr>
<td>CIS 230</td>
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**Subtotal** 16

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 234</td>
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<tr>
<td>CIS 240</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>MATH 200, MATH 242, MATH 300, or MATH 308</td>
<td>Humanities and Fine Arts (General Education)</td>
<td>3</td>
</tr>
<tr>
<td>General Education</td>
<td>Scientific and Mathematical Reasoning (General Education)</td>
<td>4</td>
</tr>
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**Subtotal** 14

**Subtotal** 30

**Yearly Totals**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 320</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>*MATH 212 or MATH 142</td>
<td>Take MATH 212 if took MATH 211 previously; take MATH 142 if Math Minor. Scientific and Mathematical Reasoning</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal** 15

**Subtotal** 30

**Yearly Totals**

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 360</td>
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<td>3</td>
</tr>
<tr>
<td>CIS 440</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CIS 499</td>
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<td>3</td>
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<tr>
<td>Electives</td>
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</tr>
<tr>
<td>FALS 101</td>
<td>Core Academic Skills (General Education)</td>
<td>0</td>
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</table>

**Subtotal** 15

**Subtotal** 29

**Total Hours Required:** 120

*Select appropriate course according to the minor chosen. Approved minors are listed in the catalog.*

Some CIS and Mathematics courses are taught every other year; therefore individual schedules will vary.