**NEUROSCIENCE - BS, BEHAVIORAL AND COGNITIVE NEUROSCIENCE**

**Program Requirements**

### First Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>NRSC 101</td>
<td>Neuroscience Overview</td>
<td>1</td>
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<tr>
<td>or PBSI 101</td>
<td>or Neuroscience Overview</td>
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<tr>
<td>NRSC 277/</td>
<td>Essential Neuroscience - From Molecules</td>
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<td>VIBS 277</td>
<td>to Nervous Systems</td>
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<tr>
<td>PBSI 107</td>
<td>Introduction to Psychology</td>
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**Semester Credit Hours**: 15

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 112</td>
<td>Introductory Biology II</td>
<td>4</td>
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<tr>
<td>CHEM 120</td>
<td>Fundamentals of Chemistry II</td>
<td>4</td>
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<tr>
<td>PBSI 235</td>
<td>Introduction to Behavioral and Cognitive</td>
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<tr>
<td>Neuroscience</td>
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<td>Select one of the following:</td>
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<tr>
<td>MATH 147</td>
<td>Calculus I for Biological Sciences</td>
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<tr>
<td>MATH 151</td>
<td>Engineering Mathematics I</td>
<td></td>
</tr>
<tr>
<td>MATH 171</td>
<td>Calculus I</td>
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<td>General elective</td>
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**Semester Credit Hours**: 16

### Second Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHYS 201</td>
<td>College Physics</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>MATH 148</td>
<td>Calculus II for Biological Sciences</td>
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<tr>
<td>MATH 152</td>
<td>Engineering Mathematics II</td>
<td></td>
</tr>
<tr>
<td>MATH 172</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>STAT 201</td>
<td>Elementary Statistical Inference</td>
<td></td>
</tr>
<tr>
<td>American history (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a>)</td>
<td>3</td>
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<tr>
<td>Prescribed elective</td>
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**Semester Credit Hours**: 14

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PHYS 202</td>
<td>College Physics</td>
<td>4</td>
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<tr>
<td>American history (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a>)</td>
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<td>Concentration elective</td>
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<tr>
<td>Prescribed elective</td>
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<td></td>
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<tr>
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**Semester Credit Hours**: 16

### Third Year

#### Fall

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
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<tr>
<td>STAT 302</td>
<td>Statistical Methods</td>
<td>3</td>
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<tr>
<td>or STAT 312</td>
<td>or Statistics for Biology</td>
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<tr>
<td>Concentration elective</td>
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<tr>
<td>General elective</td>
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**Semester Credit Hours**: 15

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Government/Political science (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a>)</td>
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<tr>
<td>Concentration elective</td>
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<td></td>
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<tr>
<td>Prescribed elective</td>
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<tr>
<td>General elective</td>
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**Semester Credit Hours**: 16

### Fourth Year

#### Fall

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Government/Political science (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a>)</td>
<td>3</td>
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<tr>
<td>Language, philosophy and culture (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a>)</td>
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<tr>
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<tr>
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**Semester Credit Hours**: 16

#### Spring

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Creative arts (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a>)</td>
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<tr>
<td>Concentration elective</td>
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<tr>
<td>Concentration elective</td>
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<tr>
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**Semester Credit Hours**: 13

**Total Semester Credit Hours**: 120

1. Must make a grade of C or better.
2. A minor field of study may fulfill this requirement, but a minor is not required. Only one KINE 199 allowed.
4. Select from BICH 410; BIOL 213, BIOL 413; CHEM 227, CHEM 237, CHEM 228, CHEM 238; NRSC 300-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/nrsc/); PBSI 301, PBSI 302, PBSI 311, PBSI 320, PBSI 332, PBSI 333, PBSI 336, PBSI 340, PBSI 350, PBSI 360, PBSI 440, PBSI 471, PBSI 475, PBSI 483, PBSI 484, PBSI 485, PBSI 491; VIBS 401.