1. Complete the following major core courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Titles</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEURO 205</td>
<td>Neurobiology</td>
<td>3.0</td>
</tr>
<tr>
<td>NEURO 360</td>
<td>Neuroanatomy</td>
<td>2.0</td>
</tr>
<tr>
<td>NEURO 380</td>
<td>Behavioral Neuroscience</td>
<td>3.0</td>
</tr>
<tr>
<td>NEURO 480</td>
<td>Advanced Neuroscience</td>
<td>3.0</td>
</tr>
<tr>
<td>NEURO 481</td>
<td>Neuroscience Laboratory</td>
<td>1.0</td>
</tr>
</tbody>
</table>

2. Complete the following life sciences courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Titles</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMBIO 240*</td>
<td>Molecular Biology</td>
<td>3.0</td>
</tr>
<tr>
<td>PDBIO 120*</td>
<td>Science of Biology</td>
<td>2.0</td>
</tr>
<tr>
<td>PDBIO 360</td>
<td>Cell Biology</td>
<td>3.0</td>
</tr>
<tr>
<td>PDBIO 362</td>
<td>Advanced Physiology</td>
<td>3.0</td>
</tr>
<tr>
<td>PWS 340</td>
<td>Genetics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

3. Complete the following chemistry courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Titles</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 105*</td>
<td>General College Chemistry</td>
<td>4.0</td>
</tr>
<tr>
<td>CHEM 106</td>
<td>General College Chemistry</td>
<td>3.0</td>
</tr>
<tr>
<td>CHEM 107</td>
<td>General College Chemistry Laboratory</td>
<td>1.0</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Organic Chemistry</td>
<td>3.0</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Organic Chemistry</td>
<td>3.0</td>
</tr>
<tr>
<td>CHEM 481</td>
<td>Biochemistry</td>
<td>3.0</td>
</tr>
</tbody>
</table>

4. Complete one of the following physics course options:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Titles</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHSCS 105*</td>
<td>General Physics 1</td>
<td>3.0</td>
</tr>
<tr>
<td>PHSCS 106</td>
<td>General Physics 2</td>
<td>3.0</td>
</tr>
<tr>
<td>PHSCS 107</td>
<td>General Physics Lab 1</td>
<td>1.0</td>
</tr>
<tr>
<td>PHSCS 108</td>
<td>General Physics Lab 2</td>
<td>1.0</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHSCS 121*</td>
<td>Introduction to Newtonian Mechanics</td>
<td>3.0</td>
</tr>
<tr>
<td>PHSCS 123</td>
<td>Introduction to Waves, Optics, and Thermodynamics</td>
<td>3.0</td>
</tr>
<tr>
<td>PHSCS 220</td>
<td>Introduction to Electricity and Magnetism</td>
<td>3.0</td>
</tr>
</tbody>
</table>
5. Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 112</td>
<td>Calculus 1</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>(Note: Students may substitute Math 113)</td>
<td></td>
</tr>
<tr>
<td>STAT 121</td>
<td>Principles of Statistics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

6. Complete three courses from three different departments from the following electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 370</td>
<td>Bioethics</td>
<td>2.0</td>
</tr>
<tr>
<td>CHEM 482</td>
<td>Mechanisms of Molecular Biology</td>
<td>3.0</td>
</tr>
<tr>
<td>COMD 334</td>
<td>Hearing Science and Acoustics</td>
<td>3.0</td>
</tr>
<tr>
<td>ME EN 552**</td>
<td>Neuromechanics of Movement</td>
<td>3.0</td>
</tr>
<tr>
<td>NEURO 449R**</td>
<td>Undergraduate Research Experience</td>
<td>0.5-3.0</td>
</tr>
<tr>
<td>PDBIO 363</td>
<td>Advanced Physiology Laboratory</td>
<td>1.0</td>
</tr>
<tr>
<td>PDBIO 561</td>
<td>Physiology of drug Mechanisms</td>
<td>3.0</td>
</tr>
<tr>
<td>PDBIO 565**</td>
<td>Endocrinology</td>
<td>3.0</td>
</tr>
<tr>
<td>PDBIO 568**</td>
<td>Cellular Electrophysiology and Biophysics</td>
<td>3.0</td>
</tr>
<tr>
<td>PSYCH 370</td>
<td>Sensation and Perception</td>
<td>3.0</td>
</tr>
<tr>
<td>PSYCH 375</td>
<td>Cognition</td>
<td>3.0</td>
</tr>
<tr>
<td>PSYCH 382</td>
<td>Stress Psychobiology</td>
<td>3.0</td>
</tr>
<tr>
<td>PSYCH 388</td>
<td>Drugs, Reward and Addiction</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS** 64.0-68.0

**NOTE:**
Students should carefully consult with the FHSS Advisement Center and faculty regarding which electives they should take to best support their postgraduate plans.

*These courses may double-count for University GE requirements.
**These courses require instructor signature and/or permission to add codes before enrolling.

**Timely Graduation Policies:** In order to encourage timely progress towards graduation, advisement centers may require mandatory advisement before students are allowed to register for classes. Deans, in consultation with advisement centers, may also place registration holds and mandate specific course completion in order to facilitate a timely graduation (University Undergraduate Catalog).

**Recommended Courses:**
In addition to the above courses, students may find the following courses helpful (see Professional Advisement Center, 3326 WSC)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 353</td>
<td>Organic Chemistry Lab-Nonmajors</td>
<td>1.0-2.0</td>
</tr>
<tr>
<td>PDBIO 220</td>
<td>Human Anatomy (with lab)</td>
<td>3.0</td>
</tr>
<tr>
<td>STDEV 170</td>
<td>Introduction to Health Professions</td>
<td>1.0</td>
</tr>
<tr>
<td>STDEV 271</td>
<td>Preview of Dentistry</td>
<td>1.0</td>
</tr>
<tr>
<td>STDEV 272</td>
<td>Preview of Medicine</td>
<td>1.0</td>
</tr>
<tr>
<td>STDEV 273</td>
<td>Preview of Optometry</td>
<td>1.0</td>
</tr>
<tr>
<td>STDEV 375</td>
<td>Dental Preparation Laboratory Experience</td>
<td>2.0</td>
</tr>
<tr>
<td>STDEV 399R</td>
<td>Health Professions Internship</td>
<td>1.0-3.0</td>
</tr>
<tr>
<td>STDEV 470</td>
<td>Medical and Dental School Application</td>
<td>2.0</td>
</tr>
</tbody>
</table>