## Tentative Four Year Plan: BS Biology Degree / Pre-Dent

<table>
<thead>
<tr>
<th>Class</th>
<th>Fall Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>BIOL 105: Freshman Biology Seminar</td>
<td>BIOL 156: Principles of Biology II</td>
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<tr>
<td></td>
<td>BIOL 155: Principles of Biology I</td>
<td>BIOL 166: Principles of Biology II</td>
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<td></td>
<td>BIOL165: Principles of Biology I</td>
<td>Laboratory</td>
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<tr>
<td></td>
<td>Laboratory</td>
<td>CHEM 154: General Chemistry II</td>
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<tr>
<td></td>
<td>CHEM 153: General Chemistry I</td>
<td>CHEM:164: General Chemistry II</td>
</tr>
<tr>
<td></td>
<td>Laboratory</td>
<td>Laboratory</td>
</tr>
<tr>
<td></td>
<td>MATH 110: Intermediate Algebra</td>
<td>MATH 171: Precalculus</td>
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<tr>
<td></td>
<td>ENG 111: College Writing</td>
<td>PYSH 211: General Psychology</td>
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<td>Credits: 15</td>
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### Summer: 1. Job Shadow

| Sophomore      | BIOL 201: Genetics                 | BIOL 202: Principles of Ecology      |
|                | BIOL 203: Cell Biology             | BIOL 341: General Microbiology       |
|                | CHEM 251: Organic Chemistry I      | CHEM 252: Organic Chemistry II       |
|                | CHEM 261: Organic Chemistry I      | CHEM 262: Organic Chemistry II       |
|                | Laboratory                         | Laboratory                           |
|                | MATH 270: Calculus I               | Gen- Ed – 2nd English                |
|                | Gen Ed- 2nd Psychology course      |                                      |
|                |                                    |                                      |
|                | Credits: 16                        |                                      |

### Summer: 1. Job Shadow 2. Test Prep

| Junior         | BIOL 251: Anatomy and Physiology I | BIOL 252: Anatomy and Physiology II |
|                | BIOL 261: Anatomy and Physiology I | BIOL 262: Anatomy and Physiology II |
|                | Laboratory                         | Laboratory II                       |
|                | PH 251: General Physics I          | PH 252: General Physics II          |
|                | BCHM 453: Biochemistry             | BCHM 454: Biochemistry II           |
|                | SOC 211: Principles of Sociology   | BCHM 463: Biochemistry Laboratory   |
|                | HPE 111: Health Education          | Gen Ed                              |
|                |                                    |                                      |
|                | Credits: 16                        |                                      |

### Summer: 1. Entrance Exam 2. Application

| Senior         | BIOL Elective (300+)               | BIOL Elective (300+)                 |
|                | BIOL 382: Evolution                | BIOL Elective (300+)                 |
|                | Gen Ed                             | Gen Ed                               |
|                | Gen Ed                             | Gen Ed                               |
|                |                                    |                                      |
|                | Credits: 14-16                     |                                      |

Note: Assumes incoming student places in Math 110 and English 111

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### Pre-requisite Courses for Dentistry

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Bio w/ Labs</td>
<td>2 sem.</td>
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<tr>
<td>Gen Chem w/ Labs</td>
<td>2 sem.</td>
</tr>
<tr>
<td>Org Chem w/ Labs</td>
<td>2 sem.</td>
</tr>
<tr>
<td>Physics w/ Labs</td>
<td>2 sem.</td>
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<tr>
<td>English</td>
<td>2 sem.</td>
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- **GPA:**
  - Minimum: 3.3
  - Average: 3.7
- **Average DAT**: 17’s
- **Average Job Shadow Hours**: 75+