Pre-Dentistry/Biology Option

This option is offered within the following major(s):


The Pre-Dentistry/Biology option is designed to meet the requirements for most dental schools in the U.S., but students should consult the requirements for specific schools before they apply because requirements can change. The option couples the comprehensive biological sciences background of the Biology major with human physiology laboratory experiences and important social science requirements. Dedicated health profession advisors work with Pre-Dentistry/Biology option students to integrate essential professional experiences during their time at OSU.

**Option Code: 713**

Options in the Biology major require 15 or fewer additional credits (one term) beyond the basic Biology major, and most students can complete the additional Pre-Dentistry/Biology option course work in four years. Students may not complete any combination of the Pre-Medical, Pre-Dental option or Physiology and Behavior options. Completion of the Pre-Dental option requires a 3.0 cumulative GPA in major and option course work. Courses used to satisfy the Pre-Dentistry/Biology option requirements also satisfy the Physics/Computer Science and Quantitative Applications; Physiology, Writing Intensive Course and Experiential Learning or Integrative Biology Elective requirements in the Biology major. Several courses may also be used to satisfy areas of the Baccalaureate Core.

Students may not pursue either the Pre-Dentistry, Pre-Veterinary Medicine, Pre-Medicine or Physiology and Behavior options within the Biology major —no combinations of these options are permitted.

Students interested in private practice should also consider taking BA 215 or BA 260.

For further information, see MyDegrees or the Integrative Biology website ([http://ib.oregonstate.edu](http://ib.oregonstate.edu)).

### Core Courses

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BI 341</td>
<td>ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY</td>
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<td>&amp; BI 342</td>
<td>and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY</td>
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<td>&amp; BI 343</td>
<td>and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY</td>
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### Experiential Learning or Physiology or Manual Dexterity Elective Courses

Select one of the following tracks:

**Track I Experiential Learning Credits**

Select any combination of three credits from the following:

- BI 309 TEACHING PRACTICUM (by approval)
- BI 401 RESEARCH AND SCHOLARSHIP (by approval)
- BI 409 ADVANCED TEACHING PRACTICUM (by approval)

**Track II Physiology or Manual Dexterity Elective**

Select one course from the following:

- BI 451 FUNCTIONAL ANATOMY OF THE HUMAN MUSCULAR SYSTEM (by application only - limited summer enrollment)
- BI 485 MONSTER BIOLOGY
- MB 436 THE HUMAN MICROBIOME
- Z 425 EMBRYOLOGY AND DEVELOPMENT
- Z 438 BEHAVIORAL NEUROBIOLOGY
- Z 477 AQUATIC ENTOMOLOGY

Total Credits 49-51

* Baccalaureate Core Course (BCC)

^ Writing Intensive Course (WIC)

**Option Code: 713**