

PRE-DENTISTRY/BIOLOGY OPTION

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

- Biology - College of Science (<http://catalog.oregonstate.edu/college-departments/science/school-life-sciences/integrative-biology/biology-bs-hbs/>)

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>).

Code	Title	Credits
Core		
BHS 107	HEALTH PROFESSIONS: DENTAL	1
PHL 205	*ETHICS	4
or PHL 444/REL 444	*BIOMEDICAL ETHICS	
PSY 201 & PSY 202	*GENERAL PSYCHOLOGY and *GENERAL PSYCHOLOGY	8
BI 319	*THEORY, PRACTICE AND DISCOURSE IN THE LIFE SCIENCES	3
PH 201 & PH 202 & PH 203	*GENERAL PHYSICS and *GENERAL PHYSICS and *GENERAL PHYSICS	15
BI 331 & BI 332 & BI 333	ADVANCED HUMAN ANATOMY AND PHYSIOLOGY and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY	9

BI 341 & BI 342 & BI 343	ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY	6
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Experiential Learning or Physiology or Manual Dexterity Elective Courses

Select one of the following tracks: 3-5

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

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

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