PRE-MEDICINE/MICROBIOLOGY OPTION

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

• Microbiology - College of Science (http://catalog.oregonstate.edu/college-departments/science/school-life-sciences/microbiology/microbiology-bs-hbs)

The Pre-Medicine/Microbiology option for the Microbiology major is designed to meet the current requirements for application to most medical schools in the U.S. (although students are advised to consult the requirements for specific schools before they apply, in the case of changes). Students pursuing a Microbiology degree receive a broad education in microbiological topics. The option focuses some of that education at the 400-level to ensure that students pursuing medicine take microbiology courses of interest to the medical field. In addition, the option adds important social science requirements and medical humanities electives that are not part of the general microbiology degree, but that are important for students pursuing a degree in medicine.

Courses used to satisfy the Pre-Medicine option requirements may also satisfy the Upper-Division Microbiology Electives and Upper-Division Microbiology laboratory requirements in the Microbiology major. Courses may also be used to satisfy areas of the baccalaureate core.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BI 109</td>
<td>HEALTH PROFESSIONS: MEDICAL</td>
<td>1</td>
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<tr>
<td>PSY 201</td>
<td>*GENERAL PSYCHOLOGY</td>
<td>3</td>
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<tr>
<td>PSY 202</td>
<td>*GENERAL PSYCHOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>SOC 204</td>
<td>*INTRODUCTION TO SOCIOLOGY</td>
<td>3</td>
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**Microbiology Courses**

Select at least two of the following: 6

- MB 416 IMMUINOLOGY
- MB 430 BACTERIAL PATHOGENESIS
- MB 434 VIROLOGY
- MB 480 GENERAL PARASITOLOGY

**Microbiology Lab Course**

Select at least one of the following: 2

- MB 417 IMMUNOLOGY LABORATORY
- MB 435 PATHOGENIC MICROBES LABORATORY

**Other Electives**

Select at least 7 credits of the following: 7

- ANTH 383 *INTRODUCTION TO MEDICAL ANTHROPOLOGY
- BI 420 *VIRUSES IN MODERN SOCIETY
- H 312 *HIV/AIDS AND STIS IN MODERN SOCIETY
- H 320 INTRODUCTION TO HUMAN DISEASE
- H 425 FOUNDATIONS OF EPIDEMIOLOGY
- HST 415 SELECTED TOPICS
- HSTS 417 **HISTORY OF MEDICINE
- PHL 444 *BIOMEDICAL ETHICS
- SOC 350 HEALTH, ILLNESS AND SOCIETY
- ST 352 INTRODUCTION TO STATISTICAL METHODS
- Z 431 VERTEBRATE PHYSIOLOGY I

Total Hours: 25

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Option Code: 607