PRE-MEDICINE/BIOCHEMISTRY AND MOLECULAR BIOLOGY OPTION

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


Biochemistry and Molecular Biology students interested in a career in medicine should choose this option. It may also be suitable for students interested in some other health professions and these students should first consult with their advisor. In addition to offering a rigorous foundation in biochemistry, molecular and cellular biology, chemistry, and genetics, the Pre-medicine option meets the requirements for most medical schools in the U.S. by providing students with training in psychology, ethics and social sciences. Students have a wide choice of medically relevant electives in areas such as physiology, microbiology, and immunology. Students are strongly encouraged to participate in undergraduate research. Faculty pre-med advisors guide students to integrate undergraduate research and other relevant professional opportunities into their undergraduate experience and to prepare themselves as strong candidates for admission to the professional schools of their interest.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 109</td>
<td>HEALTH PROFESSIONS: MEDICAL</td>
<td>1</td>
</tr>
</tbody>
</table>

**Electives**

**Psychology**

- PSY 201 *GENERAL PSYCHOLOGY 3
- or PSY 202 *GENERAL PSYCHOLOGY

**Ethics**

- PHL 205 *ETHICS 4
- or PHL 444/REL 444 *BIOMEDICAL ETHICS

**Additional Social Science**

- ANTH 383 *INTRODUCTION TO MEDICAL ANTHROPOLOGY 3
- or SOC 204 *INTRODUCTION TO SOCIOLOGY

**Science Electives**

Select 10 or more credits of the following: 10

- BB 332 *MOLECULAR MEDICINE
- BB 401 UNDERGRADUATE RESEARCH
- BI 311 GENETICS
- MB 302 GENERAL MICROBIOLOGY
- MB 303 GENERAL MICROBIOLOGY LABORATORY
- MB 310 BACTERIAL MOLECULAR GENETICS
- or MB 456 MICROBIAL GENETICS AND BIOTECHNOLOGY
- MB 416 IMMUNOLOGY
- MB 430 BACTERIAL PATHOGENESIS
- MB 434 VIROLOGY
- Z 431 VERTEBRATE PHYSIOLOGY I
- Z 432 VERTEBRATE PHYSIOLOGY II

* Baccalaureate Core Course (BCC)

Option Code: 974