PRE-PUBLIC HEALTH

Introduction
Students interested in a career in Public Health have the option of pursuing any major along with completing specific prerequisites. Selecting a major and a minor from a combination of science and social science fields is ideal (e.g. major in Sociology and minor in Biology). Strong quantitative and analytical skills are desired. Most public health masters programs have very few specific prerequisite courses but typically require a minimum of a bachelor degree and a competitive score on the GRE. Students should gain a thorough understanding of the profession through a range of shadowing experiences and community engagement related to the social determinants of health and health disparities. Students should work with the Pre-Med Advisor to select appropriate coursework based on their schools of interest, area of concentration within public health desired, and co-curricular experiences. In addition to the information in this section, please check the general information at the pre-medical and pre-health section of the catalog (http://catalog.canisius.edu/undergraduate/academics/curricular-information/pre-professional-programs/pre-medical-pre-health-proessions/).

Recommended Pre-Public Health Courses
Academic admission requirements vary by school, but the following courses are recommended:

Biology
One year of general biology and one year of anatomy & physiology with laboratories are recommended:

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 111 &amp; 111L</td>
<td>Introductory Biology I and Introductory Biology Laboratory I</td>
<td>4</td>
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<tr>
<td>BIO 112 &amp; 112L</td>
<td>Introductory Biology II and Introductory Biology Laboratory II</td>
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<tr>
<td>BIO 114 &amp; 114L</td>
<td>Human Biology: Introduction to Human Anatomy and Physiology and Human Biology: Introduction to Human Anatomy and Physiology Laboratory</td>
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<tr>
<td>BIO 115 &amp; 115L</td>
<td>Musculoskeletal Anatomy and Physiology and Musculoskeletal Anatomy and Physiology Laboratory</td>
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Chemistry
One year of general chemistry with laboratory is recommended:

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<tr>
<td>CHM 111 &amp; 111L</td>
<td>General Chemistry I and General Chemistry I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHM 112 &amp; 112L</td>
<td>General Chemistry II and General Chemistry II Laboratory</td>
<td>4</td>
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1 Students may take CHM 109, CHM 110, and CHM 111L to fulfill this requirement.

Statistics and Research Methods
One semester of statistics and one semester of research methods are recommended.

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<tr>
<td>PSY 201</td>
<td>Basic Statistics for Behavioral Sciences or Inferential Statistics and Computers for Science</td>
<td>3 or 4</td>
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<tr>
<td>PSY 202</td>
<td>Research Methods in Psychology</td>
<td>3</td>
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Additional Pre-Public Health Course Suggestions
Additional coursework in statistics MAT 351 and/or calculus MAT 111 are also recommended. Students may wish to complete advanced statistics PSY 401 and research methods PSY 402 in the Psychology Department.

Elective Courses
HRP 101 allows students to explore different health professions.
HRP 201 and HRP 202 allow students to explore areas of medicine in more depth.
HRP 498 is an internship in medical informatics. A medical scribe internship is also available.