For students entering the degree program during the 2013–2014 curricular year.

Department of Health Science
BS in PUBLIC HEALTH: Epidemiology Emphasis (662543) MAP Sheet

**GRADUATION REQUIREMENTS:**

**Core Enrichment: Electives**
- Religion Electives: 3–4 credits
- Open Electives: Variable credits

**Open Electives:** Variable credits, personal choice

**Core Enrichment: Electives**

- Religion Electives: 3–4 credits
- Open Electives: Variable credits

**Program Requirements (56 total hours):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Hith 100 Introduction to Public Health</td>
<td>1.0</td>
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<tr>
<td>Hith 310 Chronic Diseases: Prevention &amp; Control</td>
<td>3.0</td>
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<tr>
<td>Hith 311 Infectious Diseases: Prevention &amp; Control</td>
<td>3.0</td>
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<tr>
<td>Hith 322 Environmental Health</td>
<td>3.0</td>
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<tr>
<td>Hith 330 Principles &amp; Practices of Health Promotion</td>
<td>3.0</td>
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<tr>
<td>Hith 345 Principles of Epidemiology</td>
<td>3.0</td>
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<tr>
<td>Hith 434 Evaluation Methods</td>
<td>3.0</td>
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<tr>
<td>Hith 440 Computer Applications in Epidemiology</td>
<td>3.0</td>
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<tr>
<td>Hith 441 Clinical Trials</td>
<td>3.0</td>
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<tr>
<td>Hith 443 Field Epidemiology</td>
<td>3.0</td>
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<tr>
<td>Hith 447 Introduction to Biostatistics</td>
<td>3.0</td>
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<tr>
<td>Stat 121 Principles of Statistics</td>
<td>3.0</td>
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</tbody>
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**Recommended GE Courses:**
- Engl 315 Writing in the Social Sciences
- Phscs 106 or 220

**Recommended Elective Courses:**
- Math 112, 113 for students who want a firm foundation in calculus and/or plan to pursue graduate education.
- Students considering graduate work in epidemiology are encouraged to consider the statistics electives.

**Your major advisor is:**
Stephanie Fugal
221A RB
422-1943

*THESE COURSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (7 hours overlap)*
Suggested Sequence of Courses:

FRESHMAN YEAR
1st Semester
5th Semester
Total Hours 14.0
Rel A 121 (FWSpSu) 2.0
Religion elective (FWSpSu) 2.0
Hlth 322 3.0
Hlth 330 3.0
Major elective 3.0
Biological Science elective 3.0
Total Hours 15.0
Rel C 324 or 325 (FWSpSu) 2.0
Global & Cultural Awareness elective 3.0
Quantitative Reasoning elective 0–3.0
(5.0)

2nd Semester
Total Hours 12–15.0
OR A Htg 100 (3.0)
Civilization 1 elective 3.0
Rel A 122   (FWSpSu) 2.0
Hlth 100 1.0
OR A Htg 100 (3.0)
Total Hours 15.0

SOPHOMORE YEAR
3rd Semester
Total Hours 14.0
Hlth 311 3.0
Math 112 (Lang. of Learning) 4.0
Rel A 211 or 212 (FWSpSu) 2.0
Civilization 2 elective 3.0
Social Science elective 3.0
Total Hours 15.0

4th Semester
Total Hours 14.0
Hlth 345 3.0
Rel C 324 or 325 (FWSpSu) 2.0
Stat 121 3.0
Major elective 3.0
Arts or Letters elective 3.0

Note: Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.

BS in PUBLIC HEALTH: Epidemiology Emphasis (662543)
2013–2014

THE DISCIPLINE:
Public health professionals work to create conditions that ensure the health and safety of individuals, families, and communities. Public health students are trained to inform, educate, and empower people about health issues; mobilize communities to take ownership for their own health; monitor health status and diagnose and investigate health problems and health hazards; develop policies and laws to protect health and ensure safety; and link people to needed health services. The public health mission is carried out through organized, interdisciplinary efforts that address the physical, mental, and environmental health concerns of communities and populations at risk for disease and injury.

Four of several disciplines within public health are represented as emphases within the major: (1) environmental/occupational health identifies and controls factors in the environment (air, water, food, toxins, etc.) or conditions at the workplace that affect health; (2) epidemiology investigates and discovers what causes disease and disability and how diseases are spread or distributed across populations; (3) health promotion facilitates behavior change among individuals and improves population health through policy, advocacy, education, and communication; and (4) health science trains students interested in working in a medical, dental, or other allied health area.

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JUNIOR YEAR
5th Semester
Major elective 3-4.0
Hlth 332 3.0
Rel C 324 or 325 (FWSpSu) 2.0
Biological Science elective 3.0
General elective 1.0
Total Hours 15-16.0

6th Semester
Hlth 434 3.0
Hlth 440 3.0
Major elective 3.0
Adv. Written & Oral Communication 3.0
Religion elective (FWSpSu) 2.0
General elective 2.0
Total Hours 16.0

7th Semester
Hlth 443 3.0
Hlth 444 3.0
Major elective 3.0
Religion elective 3.0
General Science elective 3.0
General elective 1.0
Total Hours 15.0

8th Semester
Hlth 441 3.0
Hlth 447 3.0
General electives 9.0
Total Hours 15.0

SENIOR YEAR
7th Semester
Hlth 443 3.0
Hlth 444 3.0
Major elective 3.0
Religion elective (FWSpSu) 2.0
General Science elective 3.0
General elective 1.0
Total Hours 15.0

8th Semester
Hlth 441 3.0
Hlth 447 3.0
General electives 9.0
Total Hours 15.0

CAREER OPPORTUNITIES:
Public health is an exciting field of study and a diverse and dynamic profession. It is filled with opportunities. With the appropriate practice experiences, public health graduates have increased qualifications to work in governmental health agencies on the local, state, federal, and international levels. Private-sector employment can be found in a variety of businesses, community health agencies, managed care organizations, hospitals, clinics, research institutes, voluntary health agencies, and non-governmental organizations. Opportunities for employment in public health are available, but recruiters will not typically come to campus to hire graduates. This means graduates must be organized and proactive in their career planning. Students can increase the likelihood of obtaining a position by balancing classroom activities with voluntary or paid service to public health agencies. Obtaining certifications related to specific tracks within the major and careful development of a professional portfolio enhance employment opportunities.

While there are many specialties or disciplines in public health, most career opportunities are found in the tracks associated with the major. Entry-level salaries with a bachelor’s degree in public health will range from approximately $35,000–$60,000 but will vary significantly depending upon the specific discipline, type of organization, and geographic location.

For more information on careers in your major, please refer to From Major to Career, a publication which is located in all college advisement centers.

This handout is NOT a contract between Brigham Young University and present or prospective students. Although the university makes every effort to ensure the accuracy of this information, it reserves the right to make changes as university business may require. Students should regularly consult their department or college advisement center.

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