## UNIVERSITY CORE AND GRADUATION REQUIREMENTS

### UNIVERSITY CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Religion Cornerstones</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings &amp; Doctrine, Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>Rel A 275</td>
</tr>
<tr>
<td>Jesus Christ &amp; the Everlasting Gospel</td>
<td>1</td>
<td>2.0</td>
<td>Rel A 250</td>
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<tr>
<td>Foundations of the Restoration</td>
<td>1</td>
<td>2.0</td>
<td>Rel C 225</td>
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<tr>
<td>The Eternal Family</td>
<td>1</td>
<td>2.0</td>
<td>Rel C 200</td>
</tr>
<tr>
<td><strong>The Individual and Society</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citizenship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1–2</td>
<td>3–6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Global &amp; Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective Communication</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>First-Year Writing</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Adv Written &amp; Oral Communication</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>4.0</td>
<td>Math 110*</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>1</td>
<td>3.0</td>
<td>Stat 121*</td>
</tr>
<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civilization 1 and 2</td>
<td>2</td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Arts</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Scientific Principles &amp; Reasoning</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological Science</td>
<td>1–2</td>
<td>3–5.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Physical Science</td>
<td>1–2</td>
<td>3–7.0</td>
<td>Chem 105 (recommended)</td>
</tr>
<tr>
<td>Social Science</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>Core Enrichment: Electives</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religion Electives</td>
<td>3–4</td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Open Electives</td>
<td>Variable</td>
<td>Variable</td>
<td>personal choice</td>
</tr>
</tbody>
</table>

### PROGRAM REQUIREMENTS (56 total hours)

**Complete the following courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hlth 100</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>Hlth 310</td>
<td>Chronic Diseases: Prevention &amp; Control</td>
</tr>
<tr>
<td>Hlth 311</td>
<td>Infectious Diseases: Prevention &amp; Control</td>
</tr>
<tr>
<td>Hlth 322</td>
<td>Environmental Health</td>
</tr>
<tr>
<td>Hlth 330</td>
<td>Principles &amp; Practices of Health Prom</td>
</tr>
<tr>
<td>Hlth 345</td>
<td>Principles of Epidemiology</td>
</tr>
<tr>
<td>Hlth 434</td>
<td>Evaluation Methods</td>
</tr>
<tr>
<td>Hlth 440</td>
<td>Computer Applications in Epidemiology</td>
</tr>
<tr>
<td>Hlth 441</td>
<td>Clinical Trials</td>
</tr>
<tr>
<td>Hlth 443</td>
<td>Field Epidemiology</td>
</tr>
<tr>
<td>Hlth 447</td>
<td>Introduction to Biostatistics</td>
</tr>
<tr>
<td>Stat 121*</td>
<td>Principles of Statistics</td>
</tr>
</tbody>
</table>

**Complete the following course:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 110*</td>
<td>College Algebra</td>
</tr>
</tbody>
</table>

**Complete 19-22 hours from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soc 300</td>
<td>Methods of Research in Sociology</td>
</tr>
<tr>
<td>Stat 124</td>
<td>SAS Base Programming Skills</td>
</tr>
<tr>
<td>Stat 125</td>
<td>SAS Certification 2</td>
</tr>
<tr>
<td>Stat 230</td>
<td>Analysis of Variance</td>
</tr>
<tr>
<td>Stat 234</td>
<td>Methods of Survey Sampling</td>
</tr>
<tr>
<td>Stat 330</td>
<td>Introduction to Regression</td>
</tr>
</tbody>
</table>

*Note 1: If a student uses an ACT score to fulfill the Math 110 requirement, 22 elective hours are needed.*

**Complete 6-8 hours from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 112</td>
<td>Calculus 1</td>
</tr>
<tr>
<td>Math 113</td>
<td>Calculus 2</td>
</tr>
<tr>
<td>Math 116</td>
<td>Essentials of Calculus</td>
</tr>
<tr>
<td>NDFS 201</td>
<td>Society, Nutrition, and Chrono Disease</td>
</tr>
<tr>
<td>NDFS 380</td>
<td>International Nutrition</td>
</tr>
<tr>
<td>PDBio 120</td>
<td>Science of Biology</td>
</tr>
<tr>
<td>PDBio 205</td>
<td>Human Biology</td>
</tr>
<tr>
<td>PDBio 305*</td>
<td>Human Physiology</td>
</tr>
<tr>
<td>PDBio 362*</td>
<td>Advanced Physiology</td>
</tr>
<tr>
<td>PDBio 365*</td>
<td>Pathophysiology</td>
</tr>
</tbody>
</table>

*Recommended GE Courses:*

- Engl 315 Writing in the Social Sciences
- Engl 316 Technical Communication
- Stat 121 Principles of Statistics

**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.

### GRADUATION REQUIREMENTS

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

*THESE COURSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (7 hours overlap)*

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*Note 2: Only 6 credits of elective credits from Hlth 324, 420, 439, 442, 450, 460, 466, and 469 can be applied toward the degree.*

*Note 3: Prerequisites for PDBio 305 are Chem 101 or equivalent; PDBio 210 or 220.*

*Note 4: Prerequisites for PDBio 362 are MMBio 240; Phacs 106 or 220.*

*Note 5: Prerequisites for PDBio 365 are PDBio 305 or PDBio 362.*

Your major advisor is: Beth Luch 2148 LSB 422-8950

Your internship coordinator is: Stephanie Lutz 2060 LSB 422-1943

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BS in PUBLIC HEALTH: Epidemiology Emphasis (662543) MAP Sheet
Department of Health Science
For students entering the degree program during the 2016–2017 curricular year.
BS in PUBLIC HEALTH: Epidemiology Emphasis (662543)  
2016–2017

**Suggested Sequence of Courses:**

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>5th Semester</th>
<th>JUNIOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester</td>
<td>3.0</td>
</tr>
<tr>
<td>1st Year Writing</td>
<td>3.0</td>
</tr>
<tr>
<td>OR A Htg 100</td>
<td>3.0</td>
</tr>
<tr>
<td>Religion Cornerstone course</td>
<td>2.0</td>
</tr>
<tr>
<td>Hlth 100</td>
<td>1.0</td>
</tr>
<tr>
<td>Major elective</td>
<td>3.0</td>
</tr>
<tr>
<td>Total Hours</td>
<td>15.0</td>
</tr>
<tr>
<td>1st Year Writing</td>
<td>3.0</td>
</tr>
<tr>
<td>OR A Htg 100</td>
<td>3.0</td>
</tr>
<tr>
<td>Religion elective</td>
<td>2.0</td>
</tr>
<tr>
<td>Biological Science elective</td>
<td>3.0</td>
</tr>
<tr>
<td>General elective</td>
<td>1.0</td>
</tr>
<tr>
<td>Total Hours</td>
<td>15-16.0</td>
</tr>
</tbody>
</table>

**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>7th Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd Semester</td>
</tr>
<tr>
<td>Hlth 311</td>
</tr>
<tr>
<td>Religion Cornerstone course</td>
</tr>
<tr>
<td>Civilization 2 elective</td>
</tr>
<tr>
<td>Social Science elective</td>
</tr>
<tr>
<td>Major elective (Math 112 recommended)</td>
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<tr>
<td>Total Hours</td>
</tr>
<tr>
<td>4th Semester</td>
</tr>
<tr>
<td>Hlth 345</td>
</tr>
<tr>
<td>Religion Cornerstone course</td>
</tr>
<tr>
<td>Stat 121</td>
</tr>
<tr>
<td>Major elective</td>
</tr>
<tr>
<td>Arts or Letters elective</td>
</tr>
<tr>
<td>General elective</td>
</tr>
<tr>
<td>Total Hours</td>
</tr>
</tbody>
</table>

**SENIOR YEAR**

<table>
<thead>
<tr>
<th>8th Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th Semester</td>
</tr>
<tr>
<td>Hlth 434</td>
</tr>
<tr>
<td>Hlth 440</td>
</tr>
<tr>
<td>Major elective</td>
</tr>
<tr>
<td>Adv. Written &amp; Oral Communication</td>
</tr>
<tr>
<td>Religion elective</td>
</tr>
<tr>
<td>General elective</td>
</tr>
<tr>
<td>Total Hours</td>
</tr>
</tbody>
</table>

**CAREER OPPORTUNITIES:**

Public health is an exciting field of study and a diverse and dynamic profession. It is filled with rewards associated with the pursuit of serving others. The development and delivery of population-based prevention programs will be the key to major advances in health improvement in the 21st century. Public health will continue to be called upon to monitor and assess health problems, prevent and control diseases and injuries, and protect the health of communities and worksites from various environmental and occupational risks associated with man-made and natural disasters and emergencies.

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.

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.

Please check with departments for current availability of all courses.