BS in Public Health

Graduates in Public Health are health education specialists who are likely to pursue career paths as: health educators working for hospitals, non-profit organizations, government agencies, private business, and colleges and universities.

**Marketable Skills**

Students will develop the following skills:

1. Communication: Reach mutual understanding through effective exchange of information, ideas, and feelings
2. Leadership: Step up, think, and act critically and creatively to bring others together to accomplish a common task
3. Problem-solving: Find solutions to difficult or complex issues
4. Research: Be able to search, investigate and critically analyze information in response to a specific research question
5. Social responsibility: Act ethically and responsibly for the benefit of society and the public good
6. Stress management: Be able to identify causes of stress, identify effective coping mechanisms, and take action to change the situation
7. Teamwork: Participate as an effective, efficient member of a group in order to meet a common goal

Additionally, students will learn:

1. Grant writing, use effective writing to apply for funding to agencies to implement public health programs in the community
2. Health behavior, use of effective mechanisms to help individuals make informed decisions about lifestyle modifications
3. Health education techniques

The Public Health Degree prepares graduates to function as successful professionals in community health and public health settings as health education specialists. Health education specialists work in a variety of settings such as community, public health departments, private business, and schools. The curriculum is designed to provide a broad general-educational foundation as well as the basic skills, experiences, and professional competencies specific to the practice of health promotion/education. Graduates of this 120-semester hour program function in planning, implementing, evaluating, and administering health promotion and health education strategies, interventions and programs. The curriculum renders the graduate eligible to sit for the Certified Health Education Specialist (CHES) national examination for certification.

Students in the Public Health Major select one of two concentrations:

- Students in the General Concentration complete a common core of courses in Public Health and then may select a minor, certificate, or complete electives in consultation with a Public Health Sciences faculty member or advisor. The General Concentration includes a practicum component. Students who participate in practicum will be required to pass a background checks and complete clinical compliance requirements in order to complete program requirements.
- Students in the All-Level Health Education concentration complete a core of Public Health courses and a minor in All-Level Education while preparing to earn teacher certification and becoming health teachers in the school system. This program requires students apply to the College of Education and successfully pass a background check to be eligible for field experience, student teaching, and applying for a teaching certificate.
- Students in the BS Public Health cannot declare the Public Health minor or the Undergraduate Certificate in Public Health.

All undergraduate students majoring in Public Health must obtain a minimum grade of C in all HSCI courses in order to graduate. Students who do not meet this requirement must retake the courses and achieve a minimum grade of “C.”

**Degree Plan**

**BS in Public Health with General Concentration**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1305 &amp; BIOL 1107</td>
<td>General Biology and Topics in Study of Life I C</td>
<td></td>
</tr>
<tr>
<td>BIOL 2311 &amp; BIOL 2111</td>
<td>Human Anat/Physiology I and Human Anat/Physio Lab I C</td>
<td></td>
</tr>
<tr>
<td>MATH 1320 or MATH 1411 or MATH 1508 or MATH 1310</td>
<td>Math for Social Sciences I C</td>
<td></td>
</tr>
</tbody>
</table>

*University Core Curriculum*

Complete the University Core Curriculum requirements. (p. 42)
Public Health Support Courses
Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2313</td>
<td>Human Anat/Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 2113</td>
<td>and Human Anat/Physio Lab II</td>
<td></td>
</tr>
<tr>
<td>CHEM 1307</td>
<td>Intro to General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1107</td>
<td>and Intro General Chemistry Lab</td>
<td></td>
</tr>
<tr>
<td>or CHEM 1305&amp; CHEM 1105</td>
<td>General Chemistry  &amp; Laboratory for CHEM 1305</td>
<td></td>
</tr>
<tr>
<td>PSYC 1303</td>
<td>Statistical Methods C</td>
<td>3</td>
</tr>
<tr>
<td>RWS 3359</td>
<td>Technical Writing C</td>
<td>3</td>
</tr>
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</table>

Public Health Major- General Concentration (All courses require a grade of C or better.)
Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 1301</td>
<td>Fnd. of Hlth Sci. &amp; Hlth Promo C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2302</td>
<td>Fundamentals of Nutrition C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3301</td>
<td>Community Health C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3306</td>
<td>Environmental Health C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3308</td>
<td>Disease Charc/Prevent/Contrl C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3311</td>
<td>Introduction to Epidemiology C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3312</td>
<td>Theories &amp; Meth of Hlth Behav C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3315</td>
<td>Research For The Health Prof C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4304</td>
<td>Public Health Administration C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4307</td>
<td>Hlth Promo Plan &amp; Implement C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4309</td>
<td>Program Eval in Health Science C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4312</td>
<td>Grant Writing in Hlth Prof C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4313</td>
<td>Practicum I C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4314</td>
<td>Practicum II C</td>
<td>3</td>
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</tbody>
</table>

Electives
Select 20 hours of electives from any subject at any level. Students are encouraged to consider a minor or certificate to fill elective credits 20

TOTAL HOURS 120

C Courses require a grade of C or better.

BS in Public Health with All-Level Health Education Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>GPA for Certification</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This degree plan prepares students for teacher certification in the State of Texas. Although a 2.0 GPA is required to earn a degree from UTEP, the State Board for Educator Certification (SBEC) requires a 2.75 GPA to become certified to teach in the State of Texas. For additional information, please contact your advisor.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Background Check Required</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A complete background check is required of all students who wish to receive teacher certification in the State of Texas. Students will be required to pass a background check before certification will be conferred by the State Board of Educator Certification (SBEC).</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Designated Core</strong></td>
<td></td>
</tr>
<tr>
<td>BIOL 1305</td>
<td>General Biology</td>
<td></td>
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<tr>
<td>&amp; BIOL 1107</td>
<td>and Topics in Study of Life I C</td>
<td></td>
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<tr>
<td>BIOL 2311</td>
<td>Human Anat/Physiology I</td>
<td></td>
</tr>
<tr>
<td>&amp; BIOL 2111</td>
<td>and Human Anat/Physio Lab I C</td>
<td></td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Math for Social Sciences I C</td>
<td></td>
</tr>
<tr>
<td>or MATH 1411</td>
<td>Calculus I</td>
<td></td>
</tr>
<tr>
<td>or MATH 1508</td>
<td>Precalculus</td>
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</tr>
<tr>
<td>or MATH 1310</td>
<td>Trigonometry and Conics</td>
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</tr>
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<td></td>
<td><strong>University Core Curriculum</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete the University Core Curriculum requirements. (p. 44)</td>
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</table>
### Public Health Support Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2313</td>
<td>Human Anat/Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; BIOL 2113</td>
<td>and Human Anat/Physio Lab II</td>
<td></td>
</tr>
<tr>
<td>CHEM 1307</td>
<td>Intro to General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 1107</td>
<td>and Intro General Chemistry Lab</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>CHEM 1305</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 1105</td>
<td>and Laboratory for CHEM 1305</td>
<td></td>
</tr>
<tr>
<td>PSYC 1303</td>
<td>Statistical Methods C</td>
<td>3</td>
</tr>
<tr>
<td>RWS 3359</td>
<td>Technical Writing</td>
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</table>

### Public Health Major- All-Level Health Education Concentration (All courses require a grade of C or better.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 1301</td>
<td>Fnd. of Hlth Sci. &amp; Hlth Promo C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2302</td>
<td>Fundamentals of Nutrition C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3301</td>
<td>Community Health C</td>
<td>3</td>
</tr>
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<td>HSCI 3306</td>
<td>Environmental Health C</td>
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<td>HSCI 3308</td>
<td>Disease Charc/Prevnt/Contrl C</td>
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<tr>
<td>HSCI 3311</td>
<td>Introduction to Epidemiology C</td>
<td>3</td>
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<tr>
<td>HSCI 3312</td>
<td>Theories &amp; Meth of Hlth Behav C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 3315</td>
<td>Research For The Health Prof C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4101</td>
<td>Health Ed Elem Schl Teach Lab C</td>
<td>1</td>
</tr>
<tr>
<td>HSCI 4304</td>
<td>Public Health Administration C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4307</td>
<td>Hlth Promo Plan &amp; Implement C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4309</td>
<td>Program Eval in Health Science C</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 4312</td>
<td>Grant Writing in Hlth Profess C</td>
<td>3</td>
</tr>
<tr>
<td>SCED 3312</td>
<td>General Methods in Sec School</td>
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### All-Levels Education Minor

Required Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BED 4317</td>
<td>Tch &amp; Empwr ELLs in Sec Schls</td>
<td>3</td>
</tr>
<tr>
<td>EDPC 3300</td>
<td>Intro to Youth Dev &amp; Spec Ed</td>
<td>3</td>
</tr>
<tr>
<td>RED 3342</td>
<td>Content Area Literacy</td>
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</tr>
<tr>
<td>SCED 3311</td>
<td>Curriculum Plan-Secondary Schl</td>
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</tr>
<tr>
<td>TED 4699</td>
<td>Internship-All Levels Inclusiv</td>
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### Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4 Credit open electives</td>
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</table>

**Total Hours**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
</table>

**120**

### I. Communication (six hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
</table>

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

Select six hours of the following:

**6**

For students whose secondary education was in English:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1611</td>
<td>Written and Oral Communication</td>
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</tr>
<tr>
<td>ENGL 1313</td>
<td>Writing About Literature</td>
<td></td>
</tr>
<tr>
<td>RWS 1301</td>
<td>Rhetoric &amp; Composition I</td>
<td></td>
</tr>
<tr>
<td>RWS 1302</td>
<td>Rhetoric &amp; Composition 2</td>
<td></td>
</tr>
<tr>
<td>RWS 1601</td>
<td>Rhetoric, Composition &amp; Comm</td>
<td></td>
</tr>
</tbody>
</table>

For students whose secondary education was not in English:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ESOL 1311</td>
<td>Expos Engl Compos-Spkr Esl</td>
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</tr>
<tr>
<td>ESOL 1312</td>
<td>Res &amp; Crit Writng Spkr Esl</td>
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</tbody>
</table>

**TOTAL HOURS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
</table>

**6**
II. American History (six hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1301</td>
<td>History of U.S. to 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1302</td>
<td>History of U.S. Since 1865</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL HOURS</strong></td>
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III. Language, Philosophy & Culture (three hours)

<table>
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<tr>
<td>AFST 2300</td>
<td>Intro-African Amer Studies</td>
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<tr>
<td>CHIC 2302</td>
<td>Latina/o Presence in the U.S.</td>
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<tr>
<td>ENGL 2311</td>
<td>English Literature</td>
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</tr>
<tr>
<td>ENGL 2312</td>
<td>English Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 2313</td>
<td>Intro to American Fiction</td>
<td></td>
</tr>
<tr>
<td>ENGL 2314</td>
<td>Intro to American Drama</td>
<td></td>
</tr>
<tr>
<td>ENGL 2318</td>
<td>Intro to American Poetry</td>
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<tr>
<td>FREN 2322</td>
<td>Making of the &quot;Other&quot; Americas</td>
<td></td>
</tr>
<tr>
<td>HIST 2301</td>
<td>World History to 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 2302</td>
<td>World History Since 1500</td>
<td></td>
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<tr>
<td>PHIL 1301</td>
<td>Introduction to Philosophy</td>
<td></td>
</tr>
<tr>
<td>PHIL 2306</td>
<td>Ethics</td>
<td></td>
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<tr>
<td>RS 1301</td>
<td>Introduct to Religious Studies</td>
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<tr>
<td>SPAN 2340</td>
<td>Seeing &amp; Naming: Conversations</td>
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<tr>
<td>WS 2300</td>
<td>Introduction to Womens Studies</td>
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<tr>
<td>WS 2350</td>
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<td><strong>TOTAL HOURS</strong></td>
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IV. Mathematics (three hours)

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<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MATH 1309</td>
<td>College Algebra</td>
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<tr>
<td>MATH 1310</td>
<td>Trigonometry and Conics</td>
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</tr>
<tr>
<td>MATH 1319</td>
<td>Math in the Modern World</td>
<td></td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Math for Social Sciences I</td>
<td></td>
</tr>
<tr>
<td>MATH 1411</td>
<td>Calculus I</td>
<td></td>
</tr>
<tr>
<td>MATH 1508</td>
<td>Precalculus</td>
<td></td>
</tr>
<tr>
<td>MATH 2301</td>
<td>Math for Social Sciences II</td>
<td></td>
</tr>
<tr>
<td>STAT 1380</td>
<td>Statistical Literacy</td>
<td></td>
</tr>
<tr>
<td>STAT 2480</td>
<td>Elementary Statistical Methods</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL HOURS</strong></td>
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<td><strong>3</strong></td>
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</table>

V. Life & Physical Sciences (six hours)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 1309</td>
<td>College Algebra</td>
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<tr>
<td>MATH 1310</td>
<td>Trigonometry and Conics</td>
<td></td>
</tr>
<tr>
<td>MATH 1319</td>
<td>Math in the Modern World</td>
<td></td>
</tr>
<tr>
<td>MATH 1320</td>
<td>Math for Social Sciences I</td>
<td></td>
</tr>
<tr>
<td>MATH 1411</td>
<td>Calculus I</td>
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<tr>
<td>MATH 1508</td>
<td>Precalculus</td>
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<tr>
<td>MATH 2301</td>
<td>Math for Social Sciences II</td>
<td></td>
</tr>
<tr>
<td>STAT 1380</td>
<td>Statistical Literacy</td>
<td></td>
</tr>
<tr>
<td>STAT 2480</td>
<td>Elementary Statistical Methods</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL HOURS</strong></td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
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</tr>
<tr>
<td>ASTR 1107</td>
<td>Astronomy Lab I</td>
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<tr>
<td>ASTR 1307</td>
<td>Elem Astronomy - Solar System</td>
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<tr>
<td>ASTR 1308</td>
<td>Elem Astr Stars &amp; Galaxies</td>
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<tr>
<td>BIOL 1103</td>
<td>Introductory Biology Lab</td>
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<tr>
<td>BIOL 1104</td>
<td>Human Biology Laboratory</td>
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<tr>
<td>BIOL 1107</td>
<td>Topics in Study of Life I</td>
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<tr>
<td>BIOL 1108</td>
<td>Organismal Biology Laboratory</td>
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</tr>
<tr>
<td>BIOL 1203</td>
<td>Introductory Biology</td>
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<tr>
<td>BIOL 1304</td>
<td>Human Biology</td>
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<td>BIOL 1305</td>
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<td>BIOL 1306</td>
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<tr>
<td>BIOL 2111</td>
<td>Human Anat/Physio Lab I</td>
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<td>BIOL 2113</td>
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</tr>
<tr>
<td>BIOL 2311</td>
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</tr>
<tr>
<td>BIOL 2313</td>
<td>Human Anat/Physiology II</td>
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</tr>
<tr>
<td>CHEM 1105</td>
<td>Laboratory for CHEM 1305</td>
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</tr>
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<td>CHEM 1106</td>
<td>Laboratory for CHEM 1306</td>
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**TOTAL HOURS** 6
VI. Political Science (six hours)

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TOTAL HOURS 6

VII. Social & Behavioral Sciences (three hours)

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TOTAL HOURS 3

VIII. Creative Arts

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Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art.

Select one of the following: 3
IX. Component Area Option (six hours)

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<td>COMM 1301</td>
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<td>COMM 1302</td>
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TOTAL HOURS 6

4-Year Sample Degree Plan

BS Public Health - General Concentration

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<td>or MATH 1411</td>
<td>Calculus I</td>
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<tr>
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Sophomore  Fall

| BIOL 2311 | Human Anat/Physiology I                   | 4     |
| & BIOL 2111| and Human Anat/Physio Lab I              |       |
| HIST 1302 | History of U.S. Since 1865                | 3     |
| HSCI 1301 | Fnd. of Hlth Sci. & Hlth Promo            | 3     |
| RWS 1302  | Rhetoric & Composition 2                 | 3     |
| Language, Philosophy, and Culture | | 3     |

TOTAL HOURS 6

TOTAL HOURS 3
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### Code I: Component Core I

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**Spring**

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### Code III: Social & Behavioral Sciences

- Creative Arts Core: 3
- Social & Behavioral Sciences: 3

### Code IV: Junior Fall

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<td>HSCI 3315</td>
<td>Research For The Health Prof</td>
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<td>HSCI 4304</td>
<td>Public Health Administration</td>
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<td>Hlth Promo Plan &amp; Implement</td>
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### Code V: Junior Spring

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### Code VI: Senior Fall

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<td>HSCI 4313</td>
<td>Practicum I</td>
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- Fall: 121-123
- Spring: 121-123
- Junior: 121-123
- Senior: 121-123

- Total: 121-123
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