# Bachelor of Science, Major in Public Health

Requirements: To major in Public Health, a student must maintain a minimum overall grade point average of at least 2.75. If a student drops below 2.75, they will be given one semester to increase their GPA before being required to leave the major.

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<tr>
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<th>Hours</th>
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<tr>
<td>Component Area I (Communication)</td>
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<td>Component Area II (Mathematics)</td>
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<td>Component Area III (Life and Physical Science)</td>
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<td>Component Area IV (Language, Philosophy, and Culture)</td>
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<td>Component Area V (Creative Arts)</td>
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<td>Component Area VI (U.S. History)</td>
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<td>Component Area VII (Political Science/Government)</td>
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<td>Component Area VIII (Social and Behavioral Sciences)</td>
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<td>Component Area IX (Component Area Option)</td>
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**Degree Specific Requirements**

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<tbody>
<tr>
<td>BIOL 2403</td>
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<tr>
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<tr>
<td>CHEM 1406</td>
<td>Inorganic &amp; Envir Chemistry</td>
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<tr>
<td>or CHEM 1411</td>
<td>General Chemistry I</td>
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<tr>
<td>FACS 2362</td>
<td>Nutrition</td>
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<tr>
<td>or FACS 1367</td>
<td>Basic Nutrition</td>
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<tr>
<td>KINE 2115</td>
<td>Lifetime Health and Wellness</td>
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<tr>
<td>MATH 1314</td>
<td>Pre Calculus Algebra</td>
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<td>or MATH 1410</td>
<td>Elementary Functions</td>
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<td>or MATH 1420</td>
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<td>MATH 1369</td>
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<tr>
<td>or MATH 1370</td>
<td>Intro Biomedical Statistics</td>
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<td>or MATH 3379</td>
<td>Statistical Methods in Practice</td>
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<td>PSYC 1301</td>
<td>Introduction To Psychology</td>
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**Major**

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<td>HLTH 1360</td>
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<td>HLTH 2383</td>
<td>Multicultural Health Issues</td>
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<td>HLTH 2391</td>
<td>Human Diseases</td>
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<td>HLTH 3350</td>
<td>Principles of Public Health</td>
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<td>HLTH 3355</td>
<td>US Health Care Systems</td>
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<td>HLTH 3360</td>
<td>Epidemiology</td>
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<tr>
<td>HLTH 3361</td>
<td>Health Planning &amp; Evaluation</td>
<td>3</td>
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<td>HLTH 3392</td>
<td>Health Comm &amp; Literacy</td>
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<td>HLTH 4380</td>
<td>Global Health</td>
<td>3</td>
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<td>HLTH 4387</td>
<td>Community Health</td>
<td>3</td>
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<td>HLTH 4390</td>
<td>Environmental Health</td>
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<td>HLTH 4360</td>
<td>Research Methods/Statistics</td>
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<td>HLTH 4393</td>
<td>Prof Prep Health Careers</td>
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<td>HLTH 4394</td>
<td>Internship Program</td>
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**Prescribed Electives**

Select 26 hours of the following (9 hours must be 3000 or 4000 level):

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<th>Code</th>
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<tbody>
<tr>
<td>BIOL 1401</td>
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Bachelor of Science, Major in Public Health

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<tr>
<th>Course Code</th>
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<tr>
<td>BIOL 2420</td>
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<td>Child Abuse And Neglect</td>
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<td>ENGL 3330</td>
<td>Intro to Technical Writing (WE)</td>
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<td>HLTH 1366</td>
<td>Lifestyle and Wellness</td>
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<tr>
<td>HLTH 2372</td>
<td>Health &amp; Medical Terminology</td>
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<tr>
<td>HLTH 3380</td>
<td>Drug Use and Abuse</td>
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<td>Health Care Policy</td>
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<td>HLTH 4375</td>
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<td>Problems in Health</td>
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<td>HLTH 4394</td>
<td>Internship Program</td>
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<td>HLTH 4395</td>
<td>Special Topics in Health</td>
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<td>KINE 2330</td>
<td>First Aid &amp; CPR - Am Red Cross</td>
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<td>KINE 3362</td>
<td>Functional Kinesiology</td>
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<td>KINE 3373</td>
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<td>Managing Health Promotion in the Workplace</td>
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<td>Directing Wellness Programs</td>
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<td>MATH 1316</td>
<td>Plane Trigonometry</td>
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<td>PHYS 1101</td>
<td>General Physics Laboratory I</td>
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<td>PHYS 1301</td>
<td>General Phy-Mechanics &amp; Heat</td>
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<td>POLS 3335</td>
<td>Pol Ethnic Minorities &amp; Gender</td>
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<td>PSYC 3374</td>
<td>Development Psychology</td>
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<td>SOCI 1301</td>
<td>Principles Of Sociology</td>
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<td>SOCI 3365</td>
<td>Sociology Of Health &amp; Illness</td>
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<tr>
<td>SOCI 4334</td>
<td>Sociology Of Disaster</td>
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</table>

Or other courses approved by Department

Total Hours 120

1. Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science) and major requirement.
2. FACS 1367 accepted only as a transfer course.
3. Satisfies Core Curriculum requirement for Component Area IX (Component Area Opting) and major requirement.
4. Satisfies Core Curriculum requirement for Component Area II (Mathematics) and major requirement.
5. Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) and major requirement.
6. Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

Notes

Consult current University catalog for questions concerning transfer courses and residency requirements.

BIOL 2402 requires a grade of "C" or higher in BIOL 2401 and CHEM 1406.

ENGL 1301 and ENGL 1302 are prerequisites for ENGL 3330 and satisfies the Core Curriculum requirement for Component Area I (Communications).

FACS 3339 requires a prerequisite of FACS 3380.
HLTH 3350, HLTH 3361, HLTH 4387, requires 55 credit hours completed.

HLTH 3360 requires a prerequisite of MATH 1369, MATH 1370, MATH 3379 or STAT 3379

HLTH 3392 requires the prerequisites of HLTH 1360.

HLTH 4360, HLTH 4363, HLTH 4364, HLTH 4365, HLTH 4380, HLTH 4390, KINE 3373 require Junior Standing.

HLTH 4375 requires a prerequisite of HLTH 1360, HLTH 3355, Senior standing.

HLTH 4393 requires a prerequisite of the completion of 12 hours of HLTH.

HLTH 4394 requires a prerequisite of HLTH 4393 with a C or better.

KINE 3362 requires a prerequisite of BIOL 2401 or BIOL 2403 and 60 credit hours.

MATH 3379 requires 3 hours of completed course work in college Math.

PHYS 1301 has a prerequisite of MATH 1410 or MATH 1316 or MATH 1420 with a grade of “C” or higher for the course. MATH 1316 and MATH 1410 satisfy the 3 hours of Math required for the Core Competency Area II.

POLS 3366 requires a prerequisite of POLS 2305.

PSYC 3331 requires 3 hours of completed coursework in Psychology.

PSYC 3333 requires 3 hours of completed course work in Psychology and 4 hours of completed course work in Biology or permission of the instructor.

SOCI 3365 requires a prerequisite of SOCI 1301 or SOCI 2319 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

### First Year

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<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<td>BIOL 2403</td>
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<td>3 HIST 1301</td>
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<td>KINE 2115</td>
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<td>1 MATH 1369, 1370, or 3379</td>
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<td>MATH 1314, 1410, or 1420</td>
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### Second Year

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<td>3 HLTH 2383</td>
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<td>3 POLS 2306</td>
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<td>POLS 2305</td>
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<td>3 Prescribed Elective</td>
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### Third Year

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<td>3 HLTH 4380</td>
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<td><strong>Total</strong></td>
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Bachelor of Science, Major in Public Health

<table>
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**Fourth Year**

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<td><strong>Total Hours:</strong> 120</td>
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1. Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
2. Satisfies Core Curriculum requirement for Component Area I (Communications).
3. Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
4. Satisfies Core Curriculum requirement for Component Area II (Mathematics).
7. Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
8. See, Prescribed Elective course listing below.
9. Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

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<thead>
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<td>BIOL 2420</td>
<td>Intro Applied Microbiology</td>
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<td>CRIJ 4338</td>
<td>Child Abuse And Neglect</td>
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<td>ENGL 3330</td>
<td>Intro to Technical Writing</td>
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<tr>
<td>HLTH 1366</td>
<td>Lifestyle and Wellness</td>
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<td>HLTH 2372</td>
<td>Health &amp; Medical Terminology</td>
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<td>HLTH 3380</td>
<td>Drug Use and Abuse</td>
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<td>Family Life &amp; Sex Education</td>
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<td>Interventions for Wellness</td>
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<td>Health Care Policy</td>
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<td>Health Informatics</td>
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<td>Health Laws and Ethics</td>
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<td>Problems in Health</td>
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<td>KINE 4361</td>
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<td>Directing Wellness Programs</td>
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<td>MATH 1316</td>
<td>Plane Trigonometry</td>
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<td>PHYS 1101</td>
<td>General Physics Laboratory I</td>
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<td>General Phy-Mechanics &amp; Heat</td>
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<td>POLS 3335</td>
<td>Pol Ethnic Minorities &amp; Gender</td>
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<td>POLS 3366</td>
<td>Public Administration</td>
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<td>PSYC 3331</td>
<td>Abnormal Psychology</td>
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<table>
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<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<td>PSYC 3374</td>
<td>Development Psychology</td>
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<td>SOCI 1301</td>
<td>Principles Of Sociology</td>
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<td>SOCI 3365</td>
<td>Sociology Of Health &amp; Illness</td>
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<tr>
<td>SOCI 4334</td>
<td>Sociology Of Disaster</td>
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</table>

**Notes**

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Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

BIL 2402 requires a grade of "C" or higher in BIOL 2401 and CHEM 1406.

HLTH 3350 requires a prerequisite of BIOL 2401, HLTH 3361 requires a prerequisite of HLTH 43350, HLTH 3361 requires a prerequisite of MATH 3361, HLTH 4380 requires a prerequisite of MATH 1410, HLTH 4387 requires a prerequisite of MATH 1370, HLTH 4390 requires a prerequisite of HLTH 4390, HLTH 4360 requires the prerequisites of HLTH 3360, HLTH 4363 requires the prerequisites of HLTH 4363, HLTH 4364 requires the prerequisites of HLTH 4364, HLTH 4365 requires the prerequisites of HLTH 4365, HLTH 4366 requires the prerequisites of HLTH 4366, KINE 3373 requires Junior Standing.

HLTH 3360 requires a prerequisite of MATH 1369, MATH 1370, MATH 3379 requires a prerequisite of MATH 3379 or STAT 3379.

HLTH 3392 requires the prerequisites of HLTH 1360. HLTH 1360 requires Junior Standing.

HLTH 4393 requires a prerequisite of HLTH 4387 and the completion of 12 hours of HLTH course work.

HLTH 4392 requires a prerequisite of HLTH 4392 and departmental approval. HLTH 4394 requires a prerequisite of HLTH 4393.

HLTH 4375 requires a prerequisite of HLTH 4375.

HLTH 3355 requires 3 hours of completed course work in college Math.

POLS 3366 requires a prerequisite of POLS 2305.

ENGL 1301 requires ENGL 1301 and ENGL 1302.

FACS 3399 requires a prerequisite of FACS 1367.

SOCI 3365 requires a prerequisite of SOCI 1301 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII.

MATH 3379 requires 3 hours of completed course work in college Math.

POLS 3366 requires a prerequisite of POLS 2305.

ENGL 1301 requires ENGL 1301 and ENGL 1302.

FACS 3399 requires a prerequisite of FACS 1367.

SOCI 3365 requires a prerequisite of SOCI 1301 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII.

MATH 3379 requires 3 hours of completed course work in college Math.

KINE 3362 requires a prerequisite of BIOL 2401 or BIOL 2403.

**Student can co-enroll in courses.**

BIOL 2401 (in Core) or BIOL 3410

PHYS 1301 has a prerequisite of MATH 1310 or MATH 1316.
MATH 1420 with a grade of "C" or higher for the course. MATH 1316 and MATH 1410 satisfy the 3 hours of Math required for the Core Competency Area II.

PSYC 3331 requires 3 hours of completed coursework in Psychology.

PSYC 3333 requires 3 hours of completed coursework in Psychology and 4 hours of completed course work in Biology or permission of the instructor.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Public Health is designed to provide graduates with the following marketable skills:

- Participate in a proactive manner the day-to-day tasks of public health organizations.
- Conduct data collection and analysis to investigate public health issues.
- Participate in public health fieldwork requiring cultural competency skills.
- Develop public health program plans to meet the needs of at-risk populations.
- Act as a resource specialist for public health outreach.
- Demonstrate effective public health communications to diverse populations.

These competencies are outlined in the Core Competencies for Public Health Professionals (http://www.phf.org/resourcetools/Documents/Core_Competencies_for_Public_Health_Professionals_2014June.pdf).