# PUBLIC HEALTH - BS

## Program Requirements

### First Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td>4</td>
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</tbody>
</table>

Select one of the following: 3

- COMM 203 Public Speaking
- COMM 205 Communication for Technical Professions
- COMM 243 Argumentation and Debate
- ENGL 104 Composition and Rhetoric
- ENGL 203 Writing about Literature
- ENGL 210 Technical and Business Writing
- THAR 407 Performing Literature.

### Second Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
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</table>

American history [link](http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) 3

Free Electives 1 6

### Third Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHLT 302</td>
<td>Foundations of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 303</td>
<td>Social Context of Population Health</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 304</td>
<td>Biological Basis of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 310</td>
<td>Public Health Writing</td>
<td>1</td>
</tr>
<tr>
<td>PHLT 313</td>
<td>Health Care and Public Health System</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 314</td>
<td>Public Health Data Management and Assessment</td>
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### Fourth Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHLT 410</td>
<td>Public Health Communication</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 411</td>
<td>Project Management in Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PHLT 441</td>
<td>Strategies for Population Health Improvement</td>
<td>3</td>
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BSPH Directed Electives 2

Select 9 hours from the following: 9
PUBLIC HEALTH - BS

BESC 314 Pathogens, the Environment and Society
BESC 367 U.S. Environmental Regulations
BESC 401 Bioenvironmental Microbiology
BICH 410 Comprehensive Biochemistry I
BICH 411 Comprehensive Biochemistry II
BICH 412 Biochemistry Laboratory I
CHEM 227 Organic Chemistry I
CHEM 237 Organic Chemistry Laboratory
CHEM 228 Organic Chemistry II
CHEM 238 Organic Chemistry Laboratory
ENTO 210 Global Public Health Entomology
ENTO 423 Medical Entomology
ENTO 431/ FIVS 431 The Science of Forensic Entomology
ENTO 432/ FIVS 432 Applied Forensic Entomology
GENE 301 Comprehensive Genetics
GENE 312 Comprehensive Genetics Laboratory
GENE 320/ BIMS 320 Biomedical Genetics
PHLT 306 Border Health
PHLT 308 Comparative Global Health Systems
PHLT 331 Occupational Safety and Health I
PHLT 332 Occupational Safety and Health II
PHLT 333 Accident Investigation
PHLT 334 Fire Safety and Workplace Hazards
PHLT 335 Hazardous Materials
PHLT 413 Public Health Informatics
PHLT 414 Applications of Epidemiology in Public Health
PHLT 416 Public Health Leadership and Ethics
PHLT 432 Human Factors and Ergonomic Health and Safety
PHLT 433 Industrial Inspections and Audit Techniques
PHLT 434 Project Cost Benefit and Economics
PHLT 484 Public Health Studies Field Experience
PHLT 485 Directed Studies
PHLT 489 Special Topics In...
PHLT 491 Research
PHYS 201 College Physics
PHYS 202 College Physics
URPN 370 Health Systems Planning
URPN 371 Environmental Health Planning and Policy
VIBS 401 Developmental Neurotoxicology
VIBS 407/ NRSC 407 Core Ideas in Neuroscience
VIBS 413 Introduction to Epidemiology
VIBS 420 Computer Applications in Public Health Research
VIBS 432 Public Health Practices
VTPB 408 Clinical Microbiology
VTPB 409 Introduction to Immunology
VTPB 438 Biomedical Virology
VTPB 487/ BIOL 487 Biomedical Parasitology

Semester Credit Hours 18

SPRING

PHLT 307 Public Health in the Global Context 3
PHLT 415 Emergency Management in Public Health 3
PHLT 445 Applications of Public Health 3
BSPH Directed Electives 6
Select 6 hours from the following:

PHLT 306 Border Health
PHLT 308 Comparative Global Health Systems
PHLT 331 Occupational Safety and Health I
PHLT 332 Occupational Safety and Health II
PHLT 333 Accident Investigation
PHLT 334 Fire Safety and Workplace Hazards
PHLT 335 Hazardous Materials
PHLT 413 Public Health Informatics
PHLT 414 Applications of Epidemiology in Public Health
PHLT 432 Human Factors and Ergonomic Health and Safety
PHLT 433 Industrial Inspections and Audit Techniques
PHLT 434 Project Cost Benefit and Economics
PHLT 435 Directed Studies
PHLT 436 Industrial Inspections and Audit Techniques
PHLT 437 Project Cost Benefit and Economics
PHLT 438 Directed Studies
PHLT 489 Special Topics In...
PHLT 491 Research
PHYS 201 College Physics
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHYS 202</td>
<td>College Physics</td>
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<tr>
<td>URPN 370</td>
<td>Health Systems Planning</td>
</tr>
<tr>
<td>URPN 371</td>
<td>Environmental Health Planning and Policy</td>
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<tr>
<td>VIBS 401</td>
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<td>BIOL 487</td>
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<table>
<thead>
<tr>
<th>Semester Credit Hours</th>
<th>15</th>
</tr>
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<tbody>
<tr>
<td>Total Semester Credit Hours</td>
<td>120</td>
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1. Chosen in consultation with BSPH academic advisor.
2. BSPH Directed Electives: courses that constitute the major are those offered by the School of Public Health and those approved for public health studies electives. Additional courses may be available. Students must check with their academic advisor.

Approval of degree plan does not guarantee access to courses. Students must satisfy prerequisites, and some course (writing intensive classes included) are available to majors only. It is the responsibility of the student to ascertain whether there are any restrictions or prerequisites for courses in their degree plan.