Public health is the science and art of preventing illness and disease and promoting evidence-based health practices with the goal of improving the quality of life. It is concerned with threats to health based on population health analysis. The population in question can be as small as a handful of people, or as large as all the inhabitants of several continents. The dimensions of health can encompass a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity, as defined by the United Nations World Health Organization (WHO). Public health incorporates the interdisciplinary approaches of epidemiology, biostatistics and a vast array of health services. A host of specialists including educators, journalists, researchers, administrators, environmentalists, demographers, social workers, laboratory scientists and more, work to protect the health of the public. Public health professionals serve local, national and international communities in settings such as environmental health, community health, behavioral health, health economics, public policy, insurance and occupational health. Public health is a very rewarding field offering great personal fulfillment in serving others.

According to Healthy People 2010 (a study of the U.S. Public Health Infrastructure), there is growing demand for public health professionals, which will exponentially increase with the advent of recently passed health care reform legislation known as the Affordable Care Act.

Historically, public health education existed as a professional degree program with training at the graduate level only. In 2003, the Institute of Medicine (IOM) recommended that public health education be accessible to all undergraduates.

### Communication Competency Course Requirements

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs.</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 105 or</td>
<td>Interpersonal Comunication or</td>
<td>3</td>
<td>SPE 101 or</td>
<td>Fund of Communication or</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Fundamentals of Public</td>
<td></td>
<td>SPE 261 or</td>
<td>Interpersonal Communication or</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPE 257 or</td>
<td>Fundamentals-Public Speaking</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPE 210 or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SPE 253</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 121 or</td>
<td>Speaking or</td>
<td>3</td>
<td>ENGL 131</td>
<td>English 1</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Small Group Decision Making</td>
<td></td>
<td>ENGL 132</td>
<td>English 2 or</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ENGL 201</td>
<td>Advanced Composition</td>
<td></td>
</tr>
<tr>
<td>ENGL 321 or</td>
<td>Advanced Composition or</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td></td>
<td>Advanced Business Writing</td>
<td></td>
<td></td>
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</tbody>
</table>

### Quantitative Literacy Course Requirements

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs.</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Intermediate Algebra</td>
<td>3</td>
<td>MAT 105</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

### Natural Sciences Competency Course Requirements

- 1 course with lab

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs.</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
<td>General Chemistry 1</td>
<td>5</td>
<td>CHM 111</td>
<td>General College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 121</td>
<td>General Biology 1</td>
<td>4</td>
<td>BIO 101</td>
<td>General Biology 1</td>
<td>4</td>
</tr>
</tbody>
</table>

### Self and Society Competency Course Requirements

- Minimum 9 credits from 2 different disciplines with 1 at 200 level or higher

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs.</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varies</td>
<td>FSU General Education – Self and Society Elective 200+</td>
<td>9</td>
<td>Varies</td>
<td>Varies</td>
<td>Varies</td>
</tr>
</tbody>
</table>

### Culture Competency Course Requirements

- Minimum 9 credits from 2 different disciplines with 1 at 200 level or higher

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs.</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varies</td>
<td>FSU General Education - Culture Electives</td>
<td>6</td>
<td>Varies</td>
<td>Varies</td>
<td>Varies</td>
</tr>
<tr>
<td>PHIL 320</td>
<td>Biomedical Ethics</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
</tbody>
</table>

### Ferris State University General Education Courses

Students are encouraged to work with an advisor to select appropriate general education courses.
## Major Requirements

- **42 Credits Required**

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRIS 101</td>
<td>Medical Terminology</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 200</td>
<td>Introduction to Public Health</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 210</td>
<td>Global Health &amp; Public Health</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>COHP 300</td>
<td>Health Information Systems</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 300</td>
<td>Health Promotion &amp; Education</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 310</td>
<td>Public Health Services in Rural Populations</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 320</td>
<td>Nutrition &amp; Health</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
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<tr>
<td>PUBH 330</td>
<td>Environmental Health &amp; Safety</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 340</td>
<td>Mass Media &amp; Technology Use in Public Health</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 350</td>
<td>Epidemiology</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 400</td>
<td>Health Care Services Administration &amp; Management</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 410</td>
<td>Infectious/Communicable Diseases Epidemiology</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 420</td>
<td>Health Program Planning, Implementation &amp; Evaluation</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>PUBH 495</td>
<td>Public Health Internship &amp; Capstone</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
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</tr>
</tbody>
</table>

## Additional Natural Sciences

- **20 Credits Required**

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 122</td>
<td>General Chemistry 2</td>
<td>5</td>
<td>CHM 112</td>
<td>General College Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 108</td>
<td>Medical Microbiology</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>BIOL 122</td>
<td>General Biology 2</td>
<td>4</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>BIOL 205</td>
<td>Anatomy &amp; Physiology</td>
<td>5</td>
<td>BIO 138</td>
<td>Human Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 375</td>
<td>Principles of Genetics</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
</tbody>
</table>

## Core Curriculum for Health Professions Requirements

- **10 Credits Required**

<table>
<thead>
<tr>
<th>FSU Course</th>
<th>FSU Course Title</th>
<th>FSU Cr. Hrs</th>
<th>MMC Equiv.</th>
<th>MMC Course Title</th>
<th>MMC Cr. Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>COHP 101</td>
<td>The U.S. Health Care Systems</td>
<td>3</td>
<td>ALH 125</td>
<td>Introduction to the Health Care Environment</td>
<td>3</td>
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<tr>
<td>COHP 102</td>
<td>Safety Issues in Health Care</td>
<td>1</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>COHP 350</td>
<td>Statistics in Health Care</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
<tr>
<td>COHP 450</td>
<td>Evidence-Based Health Practice</td>
<td>3</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
<td>No Equivalent</td>
</tr>
</tbody>
</table>

## Electives – 15 Credits Required (Advisory approval required)

### Option One: Minor – 15 credits or more
- Lean Healthcare Minor
- Medical Informatics Minor
- Public Advocacy Minor
- Communication Minor
- Biology/Cell & Molecular Biology Minor
- Sociology Minor
- Spanish Minor
- Marketing or Marketing/Sales Minor
- International Studies Minor
- Public Relations Minor
- Other minors may be approved by advisor

### Option Two: Certificate, 12 credits and an additional 3 credits in approved selected electives (see option three for list)
- Lean Healthcare Certificate
- Gerontology Certificate
- Public Advocacy Certificate
- Marketing or Marketing/Sales Certificate
- Project Management Certificate
- Data Mining Certificate
- Leadership & Supervision Certificate
- Other certificates may be approved by advisor
Option Three: Selected Electives - 15 credits

- ACCT Principles of Financial Accounting
- ANTH 320 Contemporary American Indian Issues
- ANTH 371 Medical Anthropology
- ANTH 385 Reproductive Health-Sexuality
- BIOL 286 General Microbiology
- BIOL 300 Pathophysiology
- BIOL 321 & 322 Human Physiology-Anatomy 1 & 2
- BIOL 346 Ecological Assessment
- BIOL 347 Environmental Conservation
- BIOL 370 Developmental Biology
- BIOL 373 Cell Biology
- BIOL 386 Microbiology & Immunology
- BIOL 442 Ecology
- BIOL 475 Bioinformatics
- CHEM 321 Organic Chemistry 1
- CHEM 322 Organic Chemistry 2
- CHEM 364 Biochemistry
- ECON 221 Principles of Macroeconomics
- HUMN 202 African-American Cultural Expression
- HUMN 240 Popular Culture
- *MATH 116 Intermediate Algebra-Numeric Trig
- *MATH 120 Trigonometry
- *MATH 220 Analytical Geometry-Calculus 1
- MGMT 310 Small Business Management
- PHYS 211 Introductory Physics 1
- PHYS 212 Introductory Physics 2
- PHYS 241 General Physics 1
- PHYS 242 General Physics 2
- PLSC 122 American Gov 2 – Policy Making
- PLSC 225 Gov’t Processes- Procedures
- PLSC 251 Public Administration
- RELG 215 Comparative Religions
- RLMS 122 Responding to Emergencies
- SOCY 121 Introductory Sociology
- SOCY 122 Social Problems
- SOCY 141 The American Community
- SOCY 225 Marriage and the Family
- SOCY 230 Gender Roles in Society
- SOCY 340 Race and Ethnicity in the U.S.
- SOCY 341 Community Studies
- SOCY 344 World Urban Sociology
- SOCY 345 The Field of Aging
- SOCY 347 The Sociology of Disasters
- SOCY 373 Health and Illness in Society

*These MATH courses may be pre-requisites for Physics (PHYS) courses.

If Student is pursuing Pre-Pharmacy, Pre-Optometry, Pre-Medicine or Pre-Dentistry, see below for a list of recommended selected electives.

Pre-Pharmacy:
CHEM 321 & 322
CHEM 324 or 364
PHYS 211 or 241

*It is also recommended to take BIOL 286 instead of BIOL 108; BIOL 321 & 322 instead of BIOL 205; MATH 220 & 251 instead of MATH 115, to take PSYC 150 or SOCY 121 for Self and Society Foundations, and to take ECON 221 for Self and Society 200+.

Pre-Optometry:
CHEM 321 & 322
CHEM 324 & 364
BIOL 370, 373, 460 and other BIOL electives 300+ level
BIOL 346 or 347 or 442
PHYS 211 & 212
MGMT 310 or ACCT 201

*It is also recommended to take BIOL 286 instead of BIOL 108; and MATH 220 & 251 instead of MATH 115.

Pre-Medicine:
CHEM 321, 322 & 364
BIOL 370
BIOL 460 & BIOL electives 300+ level
BIOL 346, 347 & 442
PHYS 211 & 212 or 241 & 242
MGMT 310

* It is also recommended to take BIOL 321 & 322 instead of BIOL 205; BIOL 386 instead of BIOL 108, and to take MATH 130 & 330 instead of MATH 115.
Pre-Dentistry:
CHEM 321 & 322
CHEM 324 or 364
BIOL 460 & BIOL electives 300+ level
BIOL 346 or 347 or 442
PHYS 211 & 212 or 241 & 242
RMLS 122
MGMT 310

*It is also recommended to take BIOL 321 & 322 instead of BIOL 205 and to take BIOL 286 or 386 instead of BIOL 108.

| Total Credits Required for Degree | 122 |

Program Contact Information:
Main Campus, Big Rapids
College of Health Professions
(231) 591-2270 | AlliedHealth@ferris.edu
www.ferris.edu/transfer

Delivery Locations
This degree is offered at the Ferris State University, Big Rapids Campus. Please note that select courses may be delivered online and/or in a mixed delivery format.

General Admission Criteria

New Students
- Be accepted to the University.
- Have previously earned or be in the final academic year of an associate degree in an accredited dental hygiene program from an accredited college or university.
- Have a cumulative GPA of 2.5.

Transfer Students
- Be accepted to the University.
- Have previously earned or be in the final academic year of an associate degree in an accredited dental hygiene program from an accredited college or university.
- Have a cumulative GPA of 2.5.

Advising Notes
It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

Transfer Student Orientation
All new students to Ferris State University are required to complete an orientation.

Online Learning
Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The “Online Readiness Tutorial” is required for students who register for an online course or are completing an online degree. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

Reverse Transfer Agreement
The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

Michigan Transfer Agreement (MTA)
Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

Disclaimer
This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to effective and/or revised date on the bottom of this guide.