

# MAJOR IN ENVIRONMENTAL PUBLIC HEALTH

## Requirements Effective Fall 2026

### Freshman

|                                                                                                                                                                                                      |                                                | AUCC | Credits   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------|-----------|
| CHEM 111                                                                                                                                                                                             | General Chemistry I (GT-SC2)                   | 3A   | 4         |
| CHEM 112                                                                                                                                                                                             | General Chemistry Lab I (GT-SC1)               | 3A   | 1         |
| CHEM 113                                                                                                                                                                                             | General Chemistry II                           |      | 3         |
| CHEM 114                                                                                                                                                                                             | General Chemistry Lab II                       |      | 1         |
| CO 150                                                                                                                                                                                               | College Composition (GT-CO2)                   | 1A   | 3         |
| ERHS 220                                                                                                                                                                                             | Introduction to Environmental Public Health    | 3A   | 3         |
| LIFE 102                                                                                                                                                                                             | Attributes of Living Systems (GT-SC1)          | 3A   | 4         |
| MIP 260                                                                                                                                                                                              | The World of Parasites                         |      | 3         |
| VMBS 100                                                                                                                                                                                             | Introduction to Biomedical Sciences Major      |      | 2         |
| Select a minimum of 3 credits from the following:                                                                                                                                                    |                                                |      | 3         |
| MATH 118                                                                                                                                                                                             | College Algebra in Context II (GT-MA1)         | 1B   |           |
| MATH 124                                                                                                                                                                                             | Logarithmic and Exponential Functions (GT-MA1) | 1B   |           |
| MATH 125                                                                                                                                                                                             | Numerical Trigonometry (GT-MA1)                | 1B   |           |
| MATH 126                                                                                                                                                                                             | Analytic Trigonometry (GT-MA1)                 | 1B   |           |
| MATH 155                                                                                                                                                                                             | Calculus for Biological Scientists I (GT-MA1)  | 1B   |           |
| MATH 160                                                                                                                                                                                             | Calculus for Physical Scientists I (GT-MA1)    | 1B   |           |
| 1C ( <a href="https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc">https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc</a> ) |                                                |      | 3         |
| <b>Total Credits</b>                                                                                                                                                                                 |                                                |      | <b>30</b> |

### Sophomore

|                                       |                                                 |    |   |
|---------------------------------------|-------------------------------------------------|----|---|
| ERHS 230                              | Environmental Health Field Methods              |    | 3 |
| MIP 300                               | General Microbiology                            |    | 3 |
| MIP 302                               | General Microbiology Laboratory                 |    | 2 |
| Select one course from the following: |                                                 |    | 4 |
| BMS 300                               | Principles of Human Physiology                  |    |   |
| BMS 360                               | Fundamentals of Physiology                      |    |   |
| Select one course from the following: |                                                 |    | 5 |
| PH 121                                | General Physics I (GT-SC1)                      | 3A |   |
| PH 141                                | Physics for Scientists and Engineers I (GT-SC1) | 3A |   |
| Select one course from the following: |                                                 |    | 3 |
| STAT 301                              | Introduction to Applied Statistical Methods     |    |   |
| STAT 307                              | Introduction to Biostatistics                   |    |   |
| Select one group from the following:  |                                                 |    | 8 |
| Group A                               |                                                 |    |   |
| CHEM 245                              | Fundamentals of Organic Chemistry               |    |   |
| CHEM 246                              | Fundamentals of Organic Chemistry Laboratory    |    |   |
| CHEM 338 or ERHS 448                  | Environmental Chemistry                         |    |   |
|                                       | Environmental Contaminants                      |    |   |
| Group B                               |                                                 |    |   |
| CHEM 341                              | Modern Organic Chemistry I                      |    |   |
| CHEM 343                              | Modern Organic Chemistry II                     |    |   |
| CHEM 344                              | Modern Organic Chemistry Laboratory             |    |   |

|                                                                                                                                                                                                                                                                              |                                               |    |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----|------------|
| Social and Behavioral Sciences ( <a href="https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences">https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences</a> ) |                                               | 3C | 3          |
| <b>Total Credits</b>                                                                                                                                                                                                                                                         |                                               |    | <b>31</b>  |
| <b>Junior</b>                                                                                                                                                                                                                                                                |                                               |    |            |
| BC 351                                                                                                                                                                                                                                                                       | Principles of Biochemistry                    |    | 4          |
| ERHS 320                                                                                                                                                                                                                                                                     | Environmental Health–Water Quality            | 4A | 3          |
| ERHS 332                                                                                                                                                                                                                                                                     | Principles of Epidemiology                    |    | 3          |
| ERHS 350                                                                                                                                                                                                                                                                     | Principles of Occupational Safety and Health  |    | 3          |
| ERHS 479                                                                                                                                                                                                                                                                     | Environmental Health Practice                 | 4C | 1          |
| Select one course from the following:                                                                                                                                                                                                                                        |                                               |    | 3          |
| CO 300                                                                                                                                                                                                                                                                       | Writing Arguments (GT-CO3)                    | 2  |            |
| CO 301B                                                                                                                                                                                                                                                                      | Writing in the Disciplines: Sciences (GT-CO3) | 2  |            |
| Select one course from the following:                                                                                                                                                                                                                                        |                                               |    | 3          |
| FTEC 400                                                                                                                                                                                                                                                                     | Food Safety                                   |    |            |
| MIP 334                                                                                                                                                                                                                                                                      | Food Microbiology                             |    |            |
| Arts and Humanities ( <a href="https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )                                  |                                               | 3B | 6          |
| Historical Perspectives ( <a href="https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )              |                                               | 3D | 3          |
| <b>Total Credits</b>                                                                                                                                                                                                                                                         |                                               |    | <b>29</b>  |
| <b>Senior</b>                                                                                                                                                                                                                                                                |                                               |    |            |
| ERHS 410                                                                                                                                                                                                                                                                     | Environmental Health-Air and Waste Management | 4B | 3          |
| ERHS 430                                                                                                                                                                                                                                                                     | Human Disease and the Environment             |    | 3          |
| ERHS 446                                                                                                                                                                                                                                                                     | Environmental Toxicology                      |    | 3          |
| ERHS 450                                                                                                                                                                                                                                                                     | Introduction to Radiation Biology             |    | 3          |
| ERHS 487                                                                                                                                                                                                                                                                     | Internship-Environmental Health               | 4C | 4          |
| Program Electives <sup>1</sup>                                                                                                                                                                                                                                               |                                               |    | 5          |
| Electives <sup>2</sup>                                                                                                                                                                                                                                                       |                                               |    | 9          |
| <b>Total Credits</b>                                                                                                                                                                                                                                                         |                                               |    | <b>30</b>  |
| <b>Program Total Credits:</b>                                                                                                                                                                                                                                                |                                               |    | <b>120</b> |

<sup>1</sup> Must be related to major and approved by an ERHS key advisor.

<sup>2</sup> Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).