# Public Health Major, Environmental Health Emphasis Plan

The suggested schedule shown below should be used in conjunction with the major requirement sheet at:
http://www.usu.edu/majorsheets/

Students should consult with their advisor to develop a plan of study tailored to their individual needs and interests.

## Freshman Year (30 credits)

### Fall Semester (15 credits)
- **BIOL 1610** Biology I .............................................. 4
- **CHEM 1210** Principles of Chemistry I ....................... 4
- **CHEM 1215** Chemical Principles Laboratory I ............. 1
- University Studies or MATH\(^1\) prerequisite courses ........... 6

### Spring Semester (15 credits)
- **BIOL 1620** Biology II ........................................... 4
- **CHEM 1220** Principles of Chemistry II .................... 4
- **CHEM 1225** Chemical Principles Laboratory II ............ 1
- University Studies or MATH\(^1\) prerequisite courses ........... 6

## Sophomore Year (30-36 credits)

### Fall Semester (15-18 credits)
- **BIOL 2420** Human Physiology ................................ 4
- **CHEM 2300** Principles of Organic Chemistry ........... 3
- **CHEM 2315** Organic Chemistry Laboratory I .............. 1
- **MATH 1210 (QL)** Calculus I .................................... 4
- **PUBH 3310** Occupational Health and Safety ............... 3
- University Studies or elective courses ......................... 0-3

### Spring Semester (15-18 credits)
- **BIOL 2220** General Ecology ................................... 3
- **PUBH 5000** Public Health Seminar .......................... 1
- **STAT 3000 (QI)** Statistics for Scientists .................... 3
- University Studies or elective courses ......................... 8-11

## Junior Year (33-39 credits)

### Fall Semester (15-18 credits)
- **PHYS 2110** General Physics—Life Sciences I (4 cr) or
  **PHYS 2210 (QI)** General Physics—Science and Engineering I (4 cr) .................. 4
- **PUBH 4310** Industrial Hygiene Recognition of Hazards .... 4
- **PUBH 5730** Analysis and Fate of Environmental Contaminants ... 3
- University Studies or elective courses .......................... 4-7

### Spring Semester (15-18 credits)
- **BIOL 3300** General Microbiology ......................... 4
- **PHYS 2120 (BPS)** General Physics—Life Sciences II (4 cr) or
  **PHYS 2220 (BPS/QI)** General Physics—Science and Engineering II (4 cr) ....... 4
- Public Health elective courses, University Studies courses, or other elective courses ...................... 7-10

### Summer Semester (3 credits)
- **PUBH 4000** Public Health Field Experience ............ 3

## Senior Year (30-36 credits)

### Fall Semester (15-18 credits)
- **PUBH 3610** Environmental Management .................. 3
- **CMST 3050 (DSS)** Technical and Professional Communication ...... 3
- **PUBH 4030** Communicable Disease Control ............... 3
- Public Health elective courses, University Studies courses, or other elective courses ...................... 7-10

### Spring Semester (15-18 credits)
- **PUBH 4040** Fundamentals of Epidemiology ............... 3
- **PUBH 5500 (CI)** Public Health Management ............. 2
- **NFS 5110 (CI)** Food Microbiology .......................... 3
- Public Health elective courses, University Studies courses, or other elective courses ...................... 6-9

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\(^1\)If students need Math courses prerequisite to MATH 1210, Calculus I, credits in addition to those listed here will be required.