

Public Health Major, Industrial Hygiene 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)

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|--|---|
| 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)

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|--|---|
| BIOL 1620 (BLS) Biology II | 4 |
| CHEM 1220 (BPS) 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)

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|---|-----|
| 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)

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|--|------|
| CHEM 3700 Introductory Biochemistry | 3 |
| CHEM 3710 Introductory Biochemistry Laboratory | 1 |
| STAT 3000 (QI) Statistics for Scientists | 3 |
| University Studies or elective courses | 8-11 |

Junior Year (30-36 credits)

Fall Semester (13-16 credits)

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| PUBH 4300 Industrial Hygiene Seminar | 1 |
| PUBH 4310 Industrial Hygiene Recognition of Hazards | 4 |
| PHYS 2110 General Physics—Life Sciences I (4 cr) or PHYS 2210 (QI) General Physics—Science and Engineering I (4 cr) | 4 |
| University Studies or elective courses | 4-7 |

Spring Semester (14-17 credits)

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|---|-----|
| 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 |
| PUBH 4320 Industrial Hygiene Chemical Hazard Evaluation | 3 |
| PUBH 4330 Industrial Hygiene Physical Hazards | 3 |
| Public Health elective course, University Studies course, or other elective course(s) | 0-3 |

Summer Semester (3 credits)

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|---|---|
| PUBH 4380 Industrial Hygiene Internship | 3 |
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Senior Year (30-36 credits)

Fall Semester (15-18 credits)

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|--|-----|
| CHEM 3000 (QI) Quantitative Analysis | 3 |
| CHEM 3005 Quantitative Analysis Laboratory | 1 |
| PUBH 3610 Environmental Management | 3 |
| PUBH 3870 (CI) Professional/Technical Writing in Civil and Environmental Engineering | 2 |
| PUBH 5330 (QI) Industrial Hygiene Chemical Hazard Control | 3 |
| Public Health elective courses, University Studies courses, or other elective courses | 3-6 |

Spring Semester (15-18 credits)

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|--|------|
| PUBH 4040 Fundamentals of Epidemiology | 3 |
| PUBH 5400 Environmental Toxicology | 3 |
| PUBH 5500 (CI) Public Health Management | 2 |
| Public Health elective courses, University Studies courses, or other elective courses | 7-10 |

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