

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)

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 (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)

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)

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)

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)

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)

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

Fall Semester (15-18 credits)

CHEM 3000 (QI) Quantitative Analysis	3
CHEM 3005 Quantitative Analysis Laboratory	1
PUBH 3610 Environmental Management	3
ASTE 3050 (CI) Technical and Professional Communications	3
or CMST 3050 (DSS), CMST 1020 (BHU) or CMST 2120	
PUBH 5330 Industrial Hygiene Chemical Hazard Control	3
Public Health elective courses, University Studies courses, or other elective courses	3-6

Spring Semester (15-18 credits)

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 including another (CI) attribute course	7-10

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