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\textsuperscript{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\textsuperscript{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 1620 (BLS) Biology II .....................................................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

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

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