

This is an example of a program change document that is attached to a Courshedog proposal in the Request/Justification section. It helps reviewers understand precisely what changes are being requested. Deletions are indicated by striking-through. Additions are indicated by underlining. You can begin a document like this by copying and pasting program requirements from the undergraduate catalog at catalog.byu.edu.

Public Health: Health Science BS

Credit Hours: Existing: ~~63-65~~
Proposed: 60

REQUIREMENT 1. Complete ~~40~~ 1 courses:

Note: Phscs 106 should be taken before or concurrently with Phscs 108.

HLTH 100 Introduction to Public Health 1.0
~~HLTH 210 Foundations of Public Health 3.0~~
~~HLTH 310 Chronic Diseases: Prevention and Control 3.0~~
~~HLTH 311 Infectious Diseases: Prevention and Control 3.0~~
~~HLTH 322 Environmental Health 3.0~~
~~HLTH 330 Principles and Practices of Health Promotion 3.0~~
~~HLTH 335 Health Behavior Change 3.0~~
~~HLTH 345 Principles of Epidemiology 3.0~~
~~HLTH 434 Evaluation Methods 3.0~~
~~HLTH 439 Program Planning 3.0~~
~~HLTH 447 Introduction to Biostatistics 3.0~~

REQUIREMENT 2. Complete 1 course:

HLTH 310 Chronic Diseases: Prevention and Control 3.0
HLTH 314 Health Disease and Their Determinants, Part I 3.0

REQUIREMENT 3. Complete 1 course:

HLTH 311 Infectious Diseases: Prevention and Control 3.0
HLTH 315 Health Disease and Their Determinants, Part 2 3.0

REQUIREMENT 4. Complete 7 courses:

HLTH 312 Introduction to Planning, Interventions and Evaluation 3.0
HLTH 313 Introduction to Data Collection and Analysis 3.0
HLTH 316 Influencing Health through Health Systems and Policy 3.0
HLTH 423 Public Health and Primary Care 3.0
HLTH 425 Working with Vulnerable and Diverse Populations 3.0
HLTH 440 Introduction to Statistical Computing in Epidemiology 3.0
HLTH 447 Introduction to Biostatistics 3.0

REQUIREMENT 2.5. Complete 1 option

OPTION 2.1-5.1 Complete 3.0 hours from the following course(s)

HLTH 496R Academic Internship: Health Science 9.0 ~~v~~ 3.0

Note 1: Prior to taking Hlth 496R, the student must complete Hlth ~~100, 310, 330, 434, and 439~~ 210, 313, 314, 315, 316, 423, 425 with a C- grade or higher.

Note 2: Internships may have a combination of mentored experience in public health practice or health service/health care setting. ~~experience, research, and/or humanitarian service elements.~~

Note 3: Complete three credit hours (42 contact hours required per credit hour) of the following:

REQUIREMENT 3. Complete 1 option

Complete one of the following chemistry options:

OPTION 3.1 Complete 3 courses

Option 1:

~~CHEM 105 – General College Chemistry 1 with Lab (Integrated) 4.0~~

~~CHEM 106 – General College Chemistry 2 3.0~~

~~CHEM 107 – General College Chemistry Laboratory 1.0~~

OPTION 3.2 Complete 3 courses

Option 2:

~~CHEM 111 – Principles of Chemistry 1 4.0~~

~~CHEM 112 – Principles of Chemistry 2 3.0~~

~~CHEM 113 – Introductory General Chemistry Laboratory 2.0~~

REQUIREMENT 4. Complete 3 courses

Note: Must take 2 credit hours of Chem 353 if pre-professional.

~~CHEM 351 – Organic Chemistry 1 3.0~~

~~CHEM 352 – Organic Chemistry 2 3.0~~

~~CHEM 353 – Organic Chemistry Laboratory–Nonmajors 2.0v~~

REQUIREMENT 5. Complete 3 courses

~~MMBIO 240 – Molecular Biology 3.0~~

~~MMBIO 241 – Molecular and Cellular Biology Laboratory 1.0~~

~~PDBIO 120 – Science of Biology 3.0~~

REQUIREMENT 6. Complete 2 options

OPTION 6.1 Complete 1 course

~~PDBIO 210 – Human Anatomy (with virtual lab) 3.0~~

~~PDBIO 220 – Human Anatomy (with lab) 3.0~~

OPTION 6.2 Complete 1 course

~~PDBIO 305 – Human Physiology 4.0~~

REQUIREMENT 7. Complete 1 option

Complete one of the following physics options:

OPTION 7.1 Complete 2 courses

Option 1:

~~PHSCS 105 – General Physics 1 3.0~~

~~PHSCS 107 – General Physics Lab 1 1.0~~

OPTION 7.2 Complete 2 courses

Option 2:

~~PHSCS 107 – General Physics Lab 1 1.0~~

~~PHSCS 121 – Introduction to Newtonian Mechanics 3.0~~

REQUIREMENT 6. Complete 1 course

HLTH 322 Environmental Health 3.0
HLTH 324 Occupational Health and Safety 3.0
HLTH 335 Health Behavior Change 3.0
HLTH 345 Principles of Epidemiology
HLTH 403R Special Topics
HLTH 466 Health and the Aging Process 3.0
HLTH 481 Applied International Health 3.0
HLTH 482 Medical Geography 3.0
HLTH 492R Directed Public Health Readings 3.0

REQUIREMENT 7. Complete 24.0 hours from the following course(s):

CHEM 105 General College Chemistry 1 with Lab (Integrated) 4.0
CHEM 106 General College Chemistry 2 3.0
CHEM 107 General College Chemistry Laboratory 1.0
CHEM 351 Organic Chemistry 1 3.0
CHEM 352 Organic Chemistry 2 3.0
CHEM 353 Organic Chemistry Laboratory--Nonmajors 2.0v
CHEM 481M Biochemistry--Majors 3.0
GEOG 310 Introduction to Urban and Regional Planning 3.0
MMBIO 121 Health and Disease 2.0
MMBIO 221 General Microbiology 3.0
MMBIO 222 General Microbiology Lab 1.0
MMBIO 240 Molecular Biology 3.0
MMBIO 241 Molecular and Cellular Biology Laboratory 1.0
MMBIO 261 Infection and Immunity 3.0
NDFS 100 Essentials of Human Nutrition 3.0
PDBIO 120 Science of Biology 3.0
PDBIO 220 Human Anatomy with virtual lab 3.0
PDBIO 220 Human Anatomy (with lab) 3.0
PDBIO 305 Human Physiology 4.0
PDBIO 365 Pathophysiology 4.0
PWS 340 Genetics 3.0

RECOMMENDED

MCAT Prep Course (if taking MCAT)

~~CHEM 481M Biochemistry—Majors 3.0~~
~~HLTH 481 Applied International Health 3.0v~~
~~HLTH 492R Directed Public Health Readings 3.0v~~
MATH 112 Calculus 1 4.0
~~PDBIO 325 Tissue Biology (with lab) 3.0~~
~~PDBIO 360 Cell Biology 3.0~~
~~PDBIO 362 Advanced Physiology 3.0~~
~~PDBIO 363 Advanced Physiology Laboratory 1.0~~
~~PDBIO 365 Pathophysiology 4.0~~
PHSCS 105 General Physics 1 3.0
PHSCS 106 General Physics 2 3.0
PHSCS 107 General Physics Lab 1 1.0
PHSCS 108 General Physics Lab 2 1.0
~~PWS 340 Genetics 3.0~~
STAT 121 Principles of Statistics 3.0