

Lock Haven University
Health Science
Bachelor of Science in Health Science
Pre-Professional Track

Effective Fall 2016

Intellectual Foundation	9 sh
Written Communication	3 sh
ENGL100: Composition	3 sh
WC Competency 1:	
WC Competency 2	
Oral Communication	3 sh
Mathematical and Computational Thinking	3 sh.
Critical Thinking	
CT Competency 1:	
CT Competency 2:	

Knowledge and Inquiry	21 sh
Natural Science Inquiry	6 sh
BIOL106: Principles of Biology I	3 sh
BIOL107: Principles of Biology II	3 sh
Historical, Behavioral, and Social Science Inquiry	6 sh
PSYC100: Introduction to Psychological Science	3 sh
Philosophical, Literary, and Aesthetic Inquiry	9 sh

Personal and Social Responsibility	12 sh
Global Awareness and Citizenship	9 sh
Wellness	3 sh
HLTH105: Introduction to Health	3 sh
Experiential Learning	
EL Competency 1:	
EL Competency 2:	

Electives	17 sh

First Year Student Seminar	1 sh
HLTH119: First Year Student Seminar	1 sh

Major Area and Cognate Courses	60 sh
HLTH115: Human Anatomy and Physiology I	4 sh
HLTH120: Human Anatomy and Physiology II	4 sh
#HLTH200: Introduction to Disease	3 sh
#HLTH485: Field Experience in Health Science	3 sh
CHEM120: Principles of Chemistry I	4 sh
CHEM121: Principles of Chemistry II	4 sh
#MATH107: Basic Statistics 1	3 sh
#PHYS130: Physics I	4 sh
#PHYS131: Physics II	4 sh
#RECR205: Nutrition for Wellness OR #CHEM111: Chemistry of Nutrition	3 sh
#Natural Science Designated Electives (See page 2)	6 sh
#Psychology Designated Electives (See page 2)	6 sh
#HLTH Designated Electives (See page 2)	12 sh

#: BOG advanced coursework

UCC Approved: 12/10/2015

Admin Approved: 12/17/2015

NATURAL SCIENCE	6 sh
BIOL215: Basic Microbiology	4 sh
BIOL220: DNA Methods in Biology	1 sh
BIOL225: Human Genetics OR	3 sh
BIOL202: Genetics	
BIOL302: Developmental Biology	3 sh
BIOL303: Vertebrate Endocrinology	2 sh
BIOL309: Ecology	3 sh
BIOL310: Immunology	3 sh
BIOL315: Comparative Vertebrate Anatomy	3 sh
BIOL317: Mycology	3 sh
BIOL323: Bioinformatics and Genomics	3 sh
BIOL330: Cellular and Molecular Biology	4 sh
BIOL340: Microbiology	4 sh
BIOL345: Advanced DNA Methods	3 sh
BIOL402: Biological Evolution	3 sh
BIOL410: Organismal Physiology	3 sh
BIOL425: Environmental Toxicology	3 sh
CHEM105: Forensic Chemistry	3 sh
CHEM111: Chemistry of Nutrition (May be used if RECR205 is completed)	3 sh
CHEM205: Introduction to Organic Chemistry	4 sh
CHEM220: Organic Chemistry I	4 sh
CHEM221: Organic Chemistry II	4 sh
CHEM301: Inorganic Chemistry	3 sh
CHEM316: Quantitative Analysis	4 sh
CHEM320: Physical Chemistry	4 sh
CHEM410: Biochemistry	4 sh
CHEM415: Biochemistry 2	4 sh

PSYCHOLOGY	6 sh
PSYC102: Child Development	3 sh
PSYC103: Adolescent Development	3 sh
PSYC111: Psychology of Early Childhood	3 sh
PSYC202: Research Methods in Psychology	3 sh
PSYC212: Forensic Psychology	3 sh
PSYC215: Foundation of Biopsychology	3 sh
PSYC235: Interpersonal Leadership Skills	3 sh
PSYC240: Life Span Development	3 sh
PSYC250: Social Psychology	3 sh
PSYC307: Abnormal Psychology	3 sh
PSYC310: Cognitive Psychology	3 sh
PSYC315: Health Psychology	3 sh
PSYC322: Drugs and Human Behavior	3 sh
PSYC330: Adult Development and Aging	3 sh
PSYC410: Physiological Psychology	3 sh
PSYC412: Human Neuropsychology	3 sh
PSYC205: Applied Psychological Statistics	3 sh
PSYC425: Psychology of Women	3 sh

HEALTH SCIENCE	12 sh
HLTH100: Medical Terminology	1 sh
HLTH102: Orientation to Health Science	1 sh
HLTH140: Introduction to Public Health	3 sh
HLTH204: Foundation School/Comm. Health	3 sh
HLTH208: Stress Management/Life Skills	3 sh
HLTH214: Plan/Assessment in School Health	2 sh
HLTH218: Public Health and the Environment	3 sh
HLTH235: Community Health Strategies	3 sh
HLTH240: Introduction to Epidemiology	3 sh
HLTH301: CPR and Emergency Care	3 sh
HLTH305: Introduction to Biomechanics	3 sh
HLTH307: Cultural Aspects of Health	3 sh
HLTH315: Consumer Health	3 sh
HLTH320: Drug Education	3 sh
HLTH325: Death Education	3 sh
HLTH330: School Health Programs	2 sh
HLTH332: Psychological Aspects Inj./Illness	3 sh
HLTH350: Health Program Planning	3 sh
HLTH353: Physiology of Exercise	3 sh
HLTH363: Applied Sport and Exercise Science	3 sh
HLTH401: Current Issues In Health	3 sh
HLTH402: Evaluation In Health Ed. Programs	3 sh
HLTH406: Biomechanics of Mus./Skel. Injury	3 sh
HLTH407: Advanced Human Physiology	4 sh
HLTH414: Current Issues in Exercise Science	3 sh
HLTH415: Introduction to Pharmacology	3 sh
HLTH420: Clinical Evaluation and Rehab.	3 sh
HLTH425: Clinical Exercise Physiology	3 sh
HLTH430: Women's Health Issues	3 sh
HLTH440: Research in Health Science	3 sh
HLTH451: Advanced Human Anatomy	4 sh
HLTH470: Sex Education in Health Science	3 sh
HLTH485: Field Experience in Health Science	1-9 sh
HLTH498: Health Science Seminar	1-3 sh
HLTH499: Independent Study	1-3 sh

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Suggested Course Sequence**

Fall Freshman (example)

ENGL100: Composition (3)
BIOL106: Principles of Biology I (3)
HLTH105: Introduction to Health (3)
HLTH115: Anatomy and Physiology I (4)

HLTH119: First Year Student Seminar (1)

Spring Freshman (example)

BIOL107: Principles of Biology II (3)
HLTH120: Anatomy and Physiology II (4)
MATH112/113: Mathematics Gen. Ed.(3)
PSYC100: Introduction to Psychological Sciences (3)

Fall Sophomore (example)

CHEM120: Principles of Chemistry I (4)
HLTH200: Introduction to Disease (3)

Spring Sophomore (example)

CHEM121: Principles of Chemistry II (4)
RECR205: Nutrition for Wellness (3) **OR**
CHEM111: Chemistry of Nutrition (3)

Fall Junior (example)

PHYS130: Physics I (4)
MATH107: Basic Statistics (3)

Spring Junior (example)

PHYS131: Physics II (4)

Fall Senior (example)

HLTH451: Advanced Anatomy (4)

HLTH485: Field Experience in Health Science (3)

Spring Senior (example)

HLTH407: Advanced Human Physiology (4)
