

PUBLIC HEALTH MAJOR WITH PRE-VETERINARY PROFESSIONS OPTION

Code	Title	Credits
Degree Core Requirements		
HNFE 1004	Foods, Nutrition And Exercise ¹	3
PHS 1514	Personal Health ¹	3
PHS 2004	Introduction to Public Health ¹	3
HNFE 2664	Behavioral Theory in Health Promotion ¹	3
PHS 3014	Introduction to Environmental Health ¹	3
PHS 3074	Public Health Practicum Prep ¹	1
PHS 3534	Drug Education ¹	3
PHS 3634	Epidemiologic Concepts of Health and Disease ¹	3
PHS 4044	Public Health Policy and Administration ¹	3
SOC 4704	Medical Sociology	3
or PHS 3654	Equity in Rural Health	
PHS 4054	Concepts in One Health ¹	3
PHS 4064	Modeling Infectious Diseases ¹	3
PHS 4074	Practicum in Public Health ¹	2
ADV 2134	Introduction to Health Communication	3
or ADV 4324	Issues in Health Communication	
Subtotal		39
Major Requirements		
PHS 1004	Public Health First Year Experience ¹	1
PHS 4014	Public Health Program Planning and Evaluation ¹	3
Subtotal		4
Option Required Courses		
CHEM 1035 & CHEM 1045	General Chemistry and General Chemistry Laboratory	4
CHEM 1036 & CHEM 1046	General Chemistry and General Chemistry Laboratory	4
CHEM 2535 & CHEM 2545	Organic Chemistry and Organic Chemistry Laboratory	4
PHYS 2205 & PHYS 2215	General Physics and General Physics Laboratory	4
BCHM 2024 or BCHM 3114	Concepts of Biochemistry Biochemistry for Biotechnology and the Life Sciences	3
Subtotal		19
Restricted Electives		
<i>Select 14 credits from the list below</i>		14
CHEM 2536 & CHEM 2546	Organic Chemistry and Organic Chemistry Laboratory	
PHYS 2206 & PHYS 2216	General Physics and General Physics Laboratory	
BIOL 2004	Genetics	
BIOL 2504	General Zoology	
BIOL 2604	General Microbiology	
BIOL 2804	Ecology	
HNFE 2204	Medical Terminology	

APSC 1454 & APSC 1464	Introduction to Animal and Poultry Science and Animal and Poultry Science Laboratory	
ALS 2304	Comparative Animal Physiology and Anatomy	
ALS 3204	Animal Nutrition and Feeding	
APSC 3434	Host Microbe Interactions	
Subtotal		14
Free Electives		
Pathways to General Education		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105	First-Year Writing (Pathway 1f (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F))	5
ENGL 1106	First-Year Writing (Pathway 1f (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01F))	3
COMM 2004	Public Speaking	3
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>		
Pathway 2 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02)		6
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>		
PSYC 1004	Introductory Psychology (Pathway 3 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03))	3
SOC 1004	Introductory Sociology (Pathway 3 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03))	3
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>		
BIOL 1105	Principles of Biology (Pathway 4 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04))	3
BIOL 1106	Principles of Biology (Pathway 4 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04))	3
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i>		
MATH 1014	Precalculus with Transcendental Functions (Pathway 5f (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F))	3
STAT 3604 or STAT 3615	Statistics for Social Science (Pathway 5a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A)) Biological Statistics	3
Pathway 5f (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F)		30
<i>Pathways Concept 6 - Critique and Practice in Design and the Arts</i>		
Pathway 6a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A)		3
Pathway 6d (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D)		3
<i>Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States</i>		
Students will fulfill this requirement through the completion of SOC 1004		
Total Credits		120

¹ Part of the Public Health core/major requirements and students must earn a grade of C- or better

Satisfactory Progress Toward Degree

1. After having attempted 36 semester credits (including transfer, advanced placement, and advanced standing) students must have passed at least 12 semester credits of Pathways to General Education.
2. After having attempted 72 semester credits (including transfer, advanced placement and advanced standing) students must have an in major GPA of 2.0 or higher and must have successfully completed PHS 1514, PHS 2004, HNFE 1004, HNFE 2664 and STAT 3604/STAT 3615.
3. After having attempted 96 semester credits (including transfer, advanced placement and advanced standing) students must have an over GPA of 2.0 or higher and must have successfully completed PHS 3534, PHS 3634, PHS 3014 and PHS 4014.

Graduation Requirements

Students must maintain a minimum of 2.0 cumulative GPA and earn a grade of C- or better in each of the following courses in order to qualify for graduation. The courses listed below are used to calculate a students in-major GPA:

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PHS 1514	Personal Health	3
PHS 2004	Introduction to Public Health	3
PHS 3014	Introduction to Environmental Health	3
PHS 3534	Drug Education	3
PHS 3634	Epidemiologic Concepts of Health and Disease	3
PHS 4014	Public Health Program Planning and Evaluation	3
PHS 4044	Public Health Policy and Administration	3
PHS 4054	Concepts in One Health	3
PHS 4064	Modeling Infectious Diseases	3
HNFE 1004	Foods, Nutrition And Exercise	3
HNFE 2664	Behavioral Theory in Health Promotion	3
ADV 2134	Introduction to Health Communication	3
or ADV 4324	Issues in Health Communication	
SOC 4704	Medical Sociology	3
or PHS 3654	Equity in Rural Health	
STAT 3615	Biological Statistics	3
PHS 1004	Public Health First Year Experience	1

Foreign Language Requirements

Students who did not successfully complete at least two years of a single foreign, classical, or sign language during high school must successfully complete six semester hours of a single foreign, classical, or sign language at the college level. Courses taken to meet this requirement do not count toward the hours required for graduation.

Please consult the Undergraduate Catalog for details.