

# PUBLIC HEALTH MAJOR WITH PRE-MEDICAL PROFESSIONS OPTION

Code	Title	Credits
<b>Degree Core Requirements</b>		
HNFE 1004	Foods, Nutrition And Exercise <sup>1</sup>	3
PHS 1514	Personal Health <sup>1</sup>	3
PHS 2004	Introduction to Public Health <sup>1</sup>	3
HNFE 2664	Behavioral Theory in Health Promotion <sup>1</sup>	3
PHS 3014	Introduction to Environmental Health <sup>1</sup>	3
PHS 3074	Public Health Practicum Prep <sup>1</sup>	1
PHS 3534	Drug Education <sup>1</sup>	3
PHS 3634	Epidemiologic Concepts of Health and Disease <sup>1</sup>	3
PHS 4044	Public Health Policy and Administration <sup>1</sup>	3
PHS 4054	Concepts in One Health <sup>1</sup>	3
PHS 4064	Modeling Infectious Diseases <sup>1</sup>	3
PHS 4074	Practicum in Public Health <sup>1</sup>	2
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	
Subtotal		39
<b>Major Requirements</b>		
PHS 1004	Public Health First Year Experience <sup>1</sup>	1
PHS 4014	Public Health Program Planning and Evaluation <sup>1</sup>	3
Subtotal		4
<b>Option Required Courses</b>		
CHEM 1035 & CHEM 1045	General Chemistry and General Chemistry Laboratory	4
CHEM 1036 & CHEM 1046	General Chemistry and General Chemistry Laboratory	4
BCHM 2024 or BCHM 3114	Concepts of Biochemistry Biochemistry for Biotechnology and the Life Sciences	3
<b>Restricted Electives</b>		
<i>Select 19 credits from the list below</i>		19
CHEM 2535 & CHEM 2545	Organic Chemistry and Organic Chemistry Laboratory	
CHEM 2536 & CHEM 2546	Organic Chemistry and Organic Chemistry Laboratory	
PHYS 2205 & PHYS 2215	General Physics and General Physics Laboratory	
PHYS 2206 & PHYS 2216	General Physics and General Physics Laboratory	
BMSP 2135 & BMSP 2145	Human Anatomy & Physiology and Human Anatomy and Physiology Laboratory	
BMSP 2136 & BMSP 2146	Human Anatomy and Physiology and Human Anatomy and Physiology Laboratory	
BIOL 2004	Genetics	
BIOL 2134	Cell Function and Differentiation	
BIOL 2604	General Microbiology	

HNFE 2204	Medical Terminology	
PSYC 2034	Developmental Psychology	
Undergraduate Research Course		
Subtotal		30
<b>Free Electives</b>		<b>5</b>
<b>Pathways to General Education</b>		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105	First-Year Writing	3
ENGL 1106	First-Year Writing	3
COMM 2004	Public Speaking	3
or BMES 2004	Concussion Perspectives: Medical, Scientific and Societal Perspectives	
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>		
Pathway 2 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02</a> )		6
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>		
PSYC 1004	Introductory Psychology (Pathway 3 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03</a> ))	3
SOC 1004	Introductory Sociology (Pathway 3 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03</a> ))	3
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>		
BIOL 1105	Principles of Biology (Pathway 4 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04</a> ))	3
BIOL 1106	Principles of Biology (Pathway 4 ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04</a> ))	3
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i>		
MATH 1025	Elementary Calculus	3
MATH 1026	Elementary Calculus	3
or MATH 1025	Elementary Calculus	
or STAT 2004	Introductory Statistics	
STAT 3615	Biological Statistics	3
<i>Pathways Concept 6 - Critique and Practice in Design and the Arts</i>		
Pathway 6a ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A</a> )		3
Pathway 6d ( <a href="https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D">https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D</a> )		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		
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> Part of the Public Health Core and Major Requirements. Students must earn a grade of C- or better.

## Satisfactory Progress Toward Degree

- 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 will be used to calculate the 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
SOC 4704	Medical Sociology	3
or PHS 3654	Equity in Rural Health	
PHS 4044	Public Health Policy and Administration	3
PHS 4054	Concepts in One Health	3
PHS 4064	Modeling Infectious Diseases	3
PHS 3074	Public Health Practicum Prep	1
PHS 4074	Practicum in Public Health	2
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	
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.