

Public Health Science at Shady Grove Four-Year Template  
SAMPLE

Requirements	Transfer Institution	Credit	Transfer Institution	Credit
<p><b>Transfer Requirements</b> Students must earn a C- or higher in all PHSC pre-requisite courses.</p> <p>Students must have a cumulative GPA of 2.5 or higher or an associate's degree and a cumulative GPA of 2.0 or higher.</p> <p>Specific course equivalencies will vary by transfer institution. Please visit <a href="http://transfercredit.umd.edu">transfercredit.umd.edu</a> for UMD transfer equivalencies.</p>	ENGL101 (AW)	3	CHEM131/132 (NS)	4
	MATH120 (MA)	3	I-Series (IS)	3
	BSCI170/171 (NL)	4	Oral Communication (OC)	3
	History and Social Science (HS)/ Foundation in Behavioral and Social Science*	3	History and Social Science (HS)	3
	Humanities (HU)	3	Elective	2
	<i>Total</i>	<i>16</i>	<i>Total</i>	<i>15</i>
<p><b>Transfer Requirements</b> All students must satisfy UMD General Education requirements in addition to major coursework in order to complete their degree. These requirements are satisfied by the successful completion of an associate's degree at a MD state institution.</p> <p>Students may apply a maximum of 60 credits from a community college to their UMD degree.</p>	Transfer Institution	Credit	Transfer Institution	Credit
	BSCI201	4	BSCI202	4
	BSCI223 (IS)	4	BSCI222	4
	CHEM231/232	4	Scholarship in Practice (outside of major) (SP)	3
	Humanities (HU)	3	Cultural Competency (CC) or Understanding Plural Societies (UP)	3
	<i>Total</i>	<i>15</i>	<i>Total</i>	<i>14</i>
<p><b>Major Requirements</b> Students must earn a C- or higher in all major requirements.</p> <p>Students must choose four PHSC Options courses from a list of public health-specific offerings.</p> <p>An elective is any course taken at UMD regardless of department.</p> <p>Students may not take any courses away from UMCP during their final 30 credits.</p>	Year 3: Fall	Credit	Year 3: Spring	Credit
	PHSC300	3	Professional Writing (PW)	3
	MIEH300	3	EPIB301	3
	PHSC415	3	HLTH366	3
	PHSC Option #1	3	MIEH400 (UP)	3
	Elective	3	Elective	3
	<i>Total</i>	<i>15</i>	<i>Total</i>	<i>15</i>
<p><b>Benchmark Requirement</b></p> <p><i>All</i> Science Foundation coursework, including the UMD equivalents of BSCI222 and CHEM231/232 must be completed with grades of C- or higher <b>and posted to the student's UMD transcript</b> by the end of two semesters in the PHSC major.</p>	Year 4: Fall	Credit	Year 4: Spring	Credit
	KNES320	4	PHSC497 (SP)	3
	EPIB315 (AR)	3	PHSC Option #3	3
	HLSA300	3	PHSC Option #4	3
	PHSC Option #2	3	Elective	3
	Elective	2	Elective	3
	<i>Total</i>	<i>15</i>	<i>Total</i>	<i>15</i>
<b>TOTAL Credits = 120</b>				

\*Foundation in Behavioral and Social Science– Transfer students are required to complete one of the following courses as a pre-requisite for HLTH366: ANTH260, HLTH130, HLTH230, PSYC100, OR SOCY105.

# BS, Public Health Science - Degree Requirements

Grade/ Status Key: IP= In progress  
Rpt= must repeat  
Sp23= In course  
Spring 2023

Consult the PHSC Curriculum page for details and specific course offerings by term.

## GENERAL EDUCATION REQUIREMENTS

AA verified?

### GenEd: FUNDAMENTAL STUDIES

Category	Credits	Course	Grade/ Status	Complete
[FSAW] Academic Writing	3			<input type="checkbox"/>
[FSPW] Professional Writing (Pre-Req: 60+ credits)	3			<input type="checkbox"/>
[FSOC] Oral Communication	3			<input type="checkbox"/>

[FSMA] Mathematics and [FSAR] Analytic Reasoning are fulfilled by PHSC major required courses

### GenEd: DISTRIBUTIVE STUDIES

Category	Credits	Course	Grade/ Status	Complete
[DSHU] Humanities	3			<input type="checkbox"/>
[DSHU] Humanities	3			<input type="checkbox"/>
[DSHS] History & Social Sciences (Choose 1 from HLTH130, HLTH230, PSYC100, SOCY100, SOCY105, or ANTH260)	3			<input type="checkbox"/>
[DSHS] History & Social Sciences	3			<input type="checkbox"/>
[DSSP] Scholarship in Practice (must be outside of PHSC major requirements)	3			<input type="checkbox"/>

[DSSP] Scholarship in Practice (in major) and [DSNL]/[DSNS] Natural Sciences are fulfilled by PHSC major required courses

### GenEd: I-SERIES and DIVERSITY

Category	Credits	Course	Grade/ Status	Complete
[SCIS] I-Series (can also fulfill a Distributive Studies category)	0-3			<input type="checkbox"/>
[DVUP] Understanding Plural Societies or [DVCC] Cultural Competence (can also fulfill Distributive Studies)	0-3			<input type="checkbox"/>

Additional [SCIS] I-Series and [DVUP] Understanding Plural Societies requirements are fulfilled by PHSC major required courses

### 1st semester in major

#### Notes on your checklist

Spring 2023

#### \* Benchmark 1 \*

Complete CHEM231/232 and BSCI222 with grades of "C-" or higher by the end of **two semesters** into the major.

#### (for advisor use only)

FSMA/FSAW:

Created by

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## PHSC SHADY GROVE PREREQUISITES

These courses must be completed prior to enrollment in the Public Health Science major at Shady Grove

Course Number [Gen Ed]	Course Titles (Prerequisites)	Credits	Complete/ Incomplete/ In Progress
<b>BSCI170</b>	Principles of Molecular & Cellular Biology (Pre-Req: MATH 120 eligibility)	3	
<b>BSCI171 [DSNL]</b>	Principles of Molecular & Cellular Biology Lab (Pre-Req: MATH 120 eligibility)	1	
<b>CHEM131</b>	Chemistry I - Fundamentals of General Chemistry (Pre-Req: MATH 120 eligibility)	3	
<b>CHEM132 [DSNL]</b>	General Chemistry I Laboratory (Pre-Req: MATH 120 eligibility)	1	
<b>MATH120 [FSMA]</b>	Calculus (Pre-Req: MATH120 eligibility)	3	
<b>BSCI201</b>	Human Anatomy and Physiology I (Pre-Req: BSCI170/171)	4	
<b>BSCI202</b>	Human Anatomy and Physiology II (Pre-Req: BSCI201)	4	
<b>BSCI223 [SCIS]</b>	General Microbiology (Pre-Req: BSCI170/171)	4	

## PHSC MAJOR REQUIREMENTS

### PHSC: SCIENTIFIC FOUNDATIONS

Course Number [Gen Ed]	Course Titles (Prerequisites)	Credits	Alt Course	Grade/ Status	Complete
* CHEM231	Organic Chemistry I (Pre-Req: C- in CHEM131 and 132)	3			<input type="checkbox"/>
* CHEM232	Organic Chemistry Laboratory I (Pre-Req: C- in CHEM131 and 132)	1			<input type="checkbox"/>
* BSCI222	Principles of Genetics (Pre-Req: BSCI170/171 and CHEM131/132 and CHEM231/232)	4			<input type="checkbox"/>

### PHSC: PUBLIC HEALTH SCIENCE FOUNDATIONS

Course Number [Gen Ed]	Course Titles	Credits	Alt Course	Grade/ Status	Complete
<b>PHSC300</b>	Foundations of Public Health	3			<input type="checkbox"/>
<b>EPIB301</b>	Epidemiology for Public Health Practice (Pre-Req: 45+ credits)	3			<input type="checkbox"/>
<b>EPIB315 [FSAR]</b>	Biostatistics for Public Health Practice (Pre-Req: 45+ credits; EPIB301)	3			<input type="checkbox"/>
<b>HLTH366</b>	Behavioral and Community Issues in Public Health (Pre-Req: 45+ credits; HLTH130, HLTH230, PSYC100, SOCY100, SOCY105, or ANTH260)	3			<input type="checkbox"/>
<b>HLSA300</b>	Introduction to Health Policy and Services (Pre-Req: 60+ credits; PHSC300 completed or concurrent)	3			<input type="checkbox"/>
<b>KNES320</b>	Physiology of Exercise (Pre-Req: BSCI201 and BSCI202)	4			<input type="checkbox"/>
<b>MIEH300</b>	A Public Health Perspective: Introduction to Environmental Health (Pre-Req: 60+ credits; CHEM131/132; PHSC300 completed or concurrent)	3			<input type="checkbox"/>
<b>PHSC450 [DVUP]</b>	Addressing Social and Structural Inequities Through Public Health (Pre-Req: 60+ credits; MIEH300 and PHSC300)	3			<input type="checkbox"/>
<b>PHSC415</b>	Essentials of Public Health Biology: The Cell, The Individual, and Disease (Pre-Req: 60+ credits; BSCI201, BSCI202)	3			<input type="checkbox"/>
<b>PHSC497 [DSSP]</b>	Public Health Science Capstone (Pre-Req: 100+ credits; FSPW and PHSC450)	3			<input type="checkbox"/>

### PUBLIC HEALTH SCIENCE OPTIONS (12 credits)

	Credits	Course	Grade/ Status	Complete
<b>PHSC OPTION #1</b>	1-6	<a href="#">300-400 level courses chosen from approved PHSC options.</a>		<input type="checkbox"/>
<b>PHSC OPTION #2</b>	1-6	See past and current offerings at <a href="http://go.umd.edu/phsc-usg">go.umd.edu/phsc-usg</a>		<input type="checkbox"/>
<b>PHSC OPTION #3</b>	1-6			<input type="checkbox"/>
<b>PHSC OPTION #4</b>	1-6			<input type="checkbox"/>