

Public Health Science Four-Year Template - General Education  
SAMPLE

Requirements	Year 1: Fall	Credit	Year 1: Spring	Credit
<b>Benchmark 1 Requirements</b> BSCI170/171 and CHEM131/132 course must be completed by the end of <b>two semesters</b> into the major.	ENGL101 (AW)	3	CHEM131/132	4
	MATH120 (MA/AR)	3	Humanities (HU)*	3
	BSCI170/171 (NL)	4	Elective	3
	UNIV100	1	History and Social Science (HS)*	3
	SPHL100	3	Elective	3
	<i>Total</i>	<i>14</i>		<i>Total</i>
<b>Benchmark 2 Requirements</b> CHEM231/232 must be completed by the end of <b>three semesters</b> into the major.	<b>Year 2: Fall</b>	<b>Credit</b>	<b>Year 2: Spring</b>	<b>Credit</b>
	CHEM231/232	4	BSCI223	4
	Oral Communication (OC)	3	HLTH366	3
	<b>Benchmark 3 Requirements</b> MATH120 must be completed by the end of <b>four semesters</b> into the major.	3	Scholarship and Practice (outside major) (SP)*	3
	ANTH260, HLTH130, HLTH230, PSYC100, SOCY100 OR SOCY105 are the prerequisites for HLTH366	3	Elective	3
		3	Humanities (HU)*	3
<i>Total</i>	<i>16</i>		<i>Total</i>	<i>16</i>
<b>Major Requirements</b> BSCI170/171, CHEM131/132 and CHEM231/232 are the prerequisites for BSCI222.  BSCI170/171 is the prerequisite for BSCI201, BSCI223.	<b>Year 3: Fall</b>	<b>Credit</b>	<b>Year 3: Spring</b>	<b>Credit</b>
	BSCI201	4	BSCI202	4
	EPIB315 (AR)	3	BSCI222	4
	MIEH300	3	MIEH400 (UP)	3
	PHSC Option	3	HLSA300	3
	Elective	3		
<i>Total</i>	<i>16</i>		<i>Total</i>	<i>14</i>
<b>Major Requirements</b> BSCI201 and BSCI202 are the prerequisite for KNES360.  You must earn a C- or higher in all major requirements.	<b>Year 4: Fall</b>	<b>Credit</b>	<b>Year 4: Spring</b>	<b>Credit</b>
	PHSC415	3	PHSC497	3
	Professional Writing (PW)	3	KNES360 or KNES320	4
	PHSC Option	3	PHSC Option	3
	PHSC Option	3	Elective	3
	Elective	3		
<i>Total</i>	<i>15</i>		<i>Total</i>	<i>13</i>
<b>*All students must complete two Distributive Studies courses that are approved for I-series courses. Courses for Understanding Plural Societies and Cultural Competence may also fulfill a distributive studies requirement.</b>				

**TOTAL Credits = 120**

# 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

Fall 2023

#### \* Benchmark 1 \*

Complete **BSCI170/171** and **CHEM131/132** with grades of "C-" or higher by the end of **two semesters** into the major.

#### \*\* Benchmark 2 \*\*

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

#### \*\*\* Benchmark 3 \*\*\*

Complete **MATH120** (or higher Calculus) with "C-" or higher by the end of **four semesters** into the major.

#### (for advisor use only)

FSMA/FSAW:

Created by

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## PHSC MAJOR REQUIREMENTS

### PHSC: SCIENTIFIC FOUNDATIONS

Course Number [Gen Ed]	Course Titles (Prerequisites)	Credits	Alt Course	Grade/ Status	Complete
* BSCI170	Principles of Molecular & Cellular Biology (Pre-Req: MATH 120 eligibility)	3			<input type="checkbox"/>
* BSCI171 [DSNL]	Principles of Molecular & Cellular Biology Lab (Pre-Req: MATH 120 eligibility)	1			<input type="checkbox"/>
* CHEM131	Chemistry I - Fundamentals of General Chemistry (Pre-Req: MATH 120 eligibility)	3			<input type="checkbox"/>
* CHEM132 [DSNL]	General Chemistry I Laboratory (Pre-Req: MATH 120 eligibility)	1			<input type="checkbox"/>
** 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"/>
*** MATH120 [FSMA]	Calculus (Pre-Req: MATH120 eligibility)	3			<input type="checkbox"/>
BSCI201	Human Anatomy and Physiology I (Pre-Req: BSCI170/171)	4			<input type="checkbox"/>
BSCI202	Human Anatomy and Physiology II (Pre-Req: BSCI201)	4			<input type="checkbox"/>
BSCI223 [SCIS]	General Microbiology (Pre-Req: BSCI170/171)	4			<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
SPHL100	Foundations of Public Health	3			<input type="checkbox"/>
EPIB301	Epidemiology for Public Health Practice (Pre-Req: 45+ credits)	3			<input type="checkbox"/>
EPIB315 [FSAR]	Biostatistics for Public Health Practice (Pre-Req: 45+ credits; EPIB301)	3			<input type="checkbox"/>
HLTH366	Behavioral and Community Issues in Public Health (Pre-Req: 45+ credits; HLTH130, HLTH230, PSYC100, SOCY100, SOCY105, or ANTH260)	3			<input type="checkbox"/>
HLSA300	Introduction to Health Policy and Services (Pre-Req: 60+ credits; SPHL100 completed or concurrent)	3			<input type="checkbox"/>
KNES320	Physiology of Exercise (Pre-Req: BSCI201 and BSCI202)	4			<input type="checkbox"/>
MIEH300	A Public Health Perspective: Introduction to Environmental Health (Pre-Req: 60+ credits; CHEM131/132; SPHL100 completed or concurrent)	3			<input type="checkbox"/>
PHSC450 [DVUP]	Addressing Social and Structural Inequities Through Public Health (Pre-Req: 60+ credits; MIEH300 and SPHL100)	3			<input type="checkbox"/>
PHSC415	Essentials of Public Health Biology: The Cell, The Individual, and Disease (Pre-Req: 60+ credits; BSCI201, BSCI202)	3			<input type="checkbox"/>
PHSC497 [DSSP]	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
PHSC OPTION #1	<a href="#">300-400 level courses chosen from approved PHSC options.</a>	1-6			<input type="checkbox"/>
PHSC OPTION #2	See past and current offerings at <a href="http://go.umd.edu/phsclasses">go.umd.edu/phsclasses</a>	1-6			<input type="checkbox"/>
PHSC OPTION #3		1-6			<input type="checkbox"/>
PHSC OPTION #4		1-6			<input type="checkbox"/>
		1-6			<input type="checkbox"/>