

# Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar.

## B.S. in Biology Entering in 2022

(W)=Writing Intensive, (SI)=Speaking Intensive, (IL)=Information Literacy courses.

(REVISED 03-03-2022)

Name: \_\_\_\_\_

ID# \_\_\_\_\_

Year of Anticipated Graduation: \_\_\_\_\_

Date: \_\_\_\_\_

Advisor: \_\_\_\_\_

**TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS**

**General Education + Elective Requirements----- 76 HOURS**

**GENERAL EDUCATION REQUIREMENTS----- 27 HOURS**

**HUMANITIES CORE----- 15 HOURS**

	Cr.	Sem. Taken	Grade
HUMA 102 Civ and the Biblical Revelation (IL)*	3	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Civilization and Literature	3	_____	_____
HUMA 301 Civilization and the Arts	3	_____	_____
HUMA 303 Christianity and Civilization	3	_____	_____

\*The year-long sequence of RELI 211 and 212 may substitute for this course.

**WRITING REQUIREMENT----- 3 HOURS**

WRIT 101 Found. of Academic Discourse (IL)	3	_____	_____
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**STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)----- 2 HOURS**

Choose one course from the following:

COMP 205/SSFT 205 Ethics, Faith, and the Conscious Mind			
PHIL 243 Science and the Human: Inquiry, Design, & the Person			
SSFT 210 Science & Religion			
SSFT 212 Science, Faith, Technology, & Origins			
	2	_____	_____

**FOUNDATIONS OF THE SOCIAL SCIENCES----- 3 HOURS**

Choose one course from the following:

ECON 120 Foundations of Economics	PSYC 101 Foundations of Psychology		
HIST 120 Foundations of History	PSYC 200 Cross-Cultural Psychology		
HIST 141 World Geography	SOCI 101 Foundations of Sociology		
HIST 204 Hist/Phil Foundations of Education	SOCI 103 Found. of Cultural Anthr.		
POLS 101 Foundations of Political Science	SOCW 101 Found. of Social Work		
		3	_____

**QUANTITATIVE/LOGICAL REASONING----- 3 HOURS**

Refer to the *Bulletin* - General Education section - for requirements.

PSYC 201 Statistical Methods is recommended for this requirement.

	3	_____	_____
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**NATURAL SCIENCES (with labs)----- 0 HOURS**

College requirements met through major-related coursework.

**PHYSICAL EDUCATION----- 1 HOURS**

PHYE 100 Healthful Living	1	_____	_____
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**GENERAL ELECTIVES----- 49 HOURS**

**BIOLOGY ELECTIVES----- 4 HOURS**

Choose four hours from any additional Biology offerings. See the College *Bulletin* for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one credit per semester).

**Minimum CQPA and MQPA required for graduation-----2.00**

**MQPA Courses-----BIOL**

**Major Requirements-----52 HOURS**

**BIOLOGY CORE REQUIREMENTS----- 18 HOURS**

	Cr.	Sem. Taken	Grade
BIOL 101 General Biology I	4	_____	_____
BIOL 102 General Biology II	4	_____	_____
Select one of the following:	1	_____	_____
BIOL 180 Introduction to Biology - Non Health			
BIOL 182 Introduction to Biology - Health			
BIOL 233 Genetics	4	_____	_____
BIOL 234 Cell Biology	4	_____	_____
BIOL 488 Seminar in Biology (WI, SI, IL)	1	_____	_____

**BIOLOGY GROUP CHOICES----- 18 HOURS**

Choose one course from *each* of the following groups, as well as an additional course from any group to reach a minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.

**GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY**

BIOL 301 Medical Genetics	4		
BIOL 302 Developmental Biology *	4		
BIOL 322 The Biology of Cancer*	3		
BIOL 325 Virology *	3		
BIOL 334 Biochemistry for Biology	3		
BIOL 346 Human/Mammalian Physiology	4		
BIOL 407 Microbiology	4	Group 1:	_____

**GROUP 2 - VERTEBRATE SYSTEMS**

BIOL 310 Zoonotic Disease and Public Health*	4		
BIOL 313 Histology	3		
BIOL 314 Immunology	3		
BIOL 341 Human/Mammalian Anatomy	4	Group 2:	_____

**GROUP 3 - NATURAL HISTORY**

BIOL 305 Plant Taxonomy	4		
BIOL 323 Invertebrate Zoology *	3		
BIOL 326 Evolutionary Biology	3		
BIOL 409 Entomology *	4	Group 3:	_____

**GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY**

BIOL 320 Conservation & Wildlife Biology	4		
BIOL 328 Intro to Geographic Information Science	4		
BIOL 331 Ecology	3		
AND BIOL 332 Ecology Lab	1		
BIOL 403 Basis of Wildlife Behavior *	3	Group 4:	_____
BIOL 421 Aquatic & Fishery Biology *	3		

**ADDITIONAL GROUP COURSE**

One course from any of the groups above.	3-4	Group Elec:	_____
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\*Offered alternate years. Schedule accordingly.

**MAJOR-RELATED REQUIREMENTS----- 12 HOURS**

CHEM 111 General Chemistry I	3	_____	_____
CHEM 113 General Chemistry I Lab	1	_____	_____
CHEM 112 General Chemistry II	3	_____	_____
CHEM 114 General Chemistry II Lab	1	_____	_____
MATH 161 Calculus I	4	_____	_____

# SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN BIOLOGY

\*\* Please note that there is considerable flexibility in semesters 5-8 \*\*

## Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 101 General Biology I.....	4	BIOL 102 General Biology II.....	4
CHEM 111 General Chemistry I.....	3	BIOL 180 or BIOL 182 Intro to Biology (Health or Non Health). 1	
CHEM 113 General Chemistry I Lab.....	1	CHEM 112 General Chemistry II.....	3
WRIT 101 Foundations of Academic Discourse.....	3	CHEM 114 General Chemistry II Lab.....	1
PHYE 100 Healthful Living.....	1	HUMA 102 Civ and the Biblical Revelation.....	3
General Electives*.....	<u>4</u>	MATH 161 Calculus I.....	<u>4</u>
	16		16

\* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

## Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning Course (e.g. PSYC 201).....	3
General Electives.....	<u>8</u>	General Electives.....	<u>6</u>
	17		16

## Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	4	Biology Group Course.....	4
Biology Elective.....	1	Biology Elective.....	1
HUMA 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	3
General Electives.....	<u>8</u>	General Electives.....	<u>8</u>
	16		16

## Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	3	BIOL 488 Biology Seminar.....	1
Biology Group Course.....	4	Biology Group Elective Course.....	3
Biology Elective.....	1	Biology Elective.....	1
Foundations of Social Science Course.....	3	General Electives.....	<u>10</u>
General Electives.....	<u>5</u>		15
	16		

Consult with your advisor regarding specific courses and course load per semester.

A total of at least 128 credits of coursework are required for graduation.