

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.

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

B.S. in Biology Entering in 2023

(REVISED 03-21-2023)

Name: _____
ID# _____
Year of Anticipated Graduation: _____

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS
General Education + Elective Requirements----- 76 HOURS

Minimum CQPA and MQPA required for graduation-----2.00
MQPA Courses-----BIOL
Major Requirements-----52 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).

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	Public Health & Infectious Disease*	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 343	Ichthyology*	3	
BIOL 403	Basis of Wildlife Behavior *	3	
BIOL 421	Aquatic & Fishery Biology *	3	Group 4: _____

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.