

# 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 2025

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

(REVISED 02-28-2025)

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

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

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

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

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

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

General Education + Elective Requirements----- 69 HOURS

GENERAL EDUCATION REQUIREMENTS----- 26 HOURS

HUMANITIES CORE----- 18 HOURS

		Cr.	Sem. Taken	Grade
HUMA 100	The Humanities: Christian Wisdom	1	_____	_____
HUMA 200	Western Civilization	3	_____	_____
HUMA 202	Civilization and Literature	3	_____	_____
HUMA 204	Civilization and the Arts	3	_____	_____
HUMA 261	Scripture & Theology for the Chr. Life I	3	_____	_____
HUMA 271	Scripture & Theology for the Chr. Life II	3	_____	_____
HUMA 300	Gospel & the Good Life: Christian Ethics	2	_____	_____

WRITING REQUIREMENT----- 3 HOURS

WRIT 101	Found. of Academic Discourse (WI/IL)	3	_____	_____
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FOUNDATIONS OF THE SOCIAL SCIENCES\*----- 3 HOURS

Choose one course from the following:		PSYC 101 Foundations of Psychology	_____	_____
ECON 120	Foundations of Economics	PSYC 200 Cross-Cultural Psychology	_____	_____
HIST 120	Foundations of History	SOCW 101 Foundations of Social Work	_____	_____
HIST 204	Historical & Phil. Found. of Education	SOCI 101 Foundations of Sociology	_____	_____
POLS 101	Foundations of Political Science	SOCI 103 Found. of Cultural Anthr.	_____	_____
		3	_____	_____

NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING---- 0 HOURS

(1) Natural Science with lab	4	(Met through major)	_____	_____
(2) Quantitative/Logical Reasoning	3-4	(Met through major)	_____	_____
(3) Third course in Natural Science, Quantitative or Logical Reasoning	3-4	(Met through major)	_____	_____

STUDIES IN SCIENCE, FAITH, & TECHNOLOGY ----- 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	_____	_____

GENERAL ELECTIVES----- 43 HOURS

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

BIOLOGY ELECTIVES----- 4 HOURS

Choose four hours from any additional Biology offerings or CHEM 330, ENGR 340, PHIL 271, PHYS 401 or 402, or PUBH 101, 102, or 201. See the College *Bulletin* for additional Biology offerings.  
Note: Independent or honors research requires a minimum two-credit commitment.

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	_____	_____

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

MQPA Courses-----BIOL

Major Requirements-----59 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 OR 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----- 25 HOURS minimum

Choose one course from each of the four following groups, as well as any three additional courses from the selections below to reach a total of seven courses (25 credits minimum). Your course selections must include a minimum of four 4-credit courses. BIOL 331 and 332 together count as a 4-credit course, as do BIOL 302 and 307.

GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY

BIOL 301 Medical Genetics	4	_____	_____
BIOL 302 Developmental Biology *	3	_____	_____
BIOL 307 Developmental Biology Lab (WI/IL)*	1	_____	_____
BIOL 322 The Biology of Cancer	3	_____	_____
BIOL 325 Virology *	3	_____	_____
BIOL 334 Biochemistry for Biology	3	_____	_____
BIOL 346 Human/Mammalian Physiology	4	_____	_____
BIOL 401 Introduction to Biological Lab Techniques	2	_____	_____
BIOL 404 Advanced Topics in Genetics *	4	_____	_____
BIOL 406 Plant Physiology*	4	_____	_____
BIOL 407 Microbiology	4	_____	_____
BIOL 416 Biomedical Science of the Genome Age*	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	_____	_____
BIOL 471 Introduction to Pathology	3	_____	_____
		Group 2:	_____

GROUP 3 - NATURAL HISTORY

BIOL 105 The Secret Life of Mushrooms*	3	_____	_____
BIOL 210 Introduction to Apiculture *	3	_____	_____
BIOL 305 Plant Taxonomy	4	_____	_____
BIOL 326 Evolutionary Biology	3	_____	_____
BIOL 335 Introduction to Plant Pathology*	4	_____	_____
BIOL 343 Ichthyology*	3	_____	_____
		Group 3:	_____

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

BIOL 212 Limnology*	3	_____	_____
BIOL 320 Conservation & Wildlife Biology	4	_____	_____
BIOL 328 Intro to Geographic Information Science	4	_____	_____
BIOL 331 Ecology	3	_____	_____
BIOL 332 Ecology Laboratory	1	_____	_____
BIOL 403 Basis of Wildlife Behavior *	3	_____	_____
BIOL 421 Aquatic & Fishery Biology *	3	_____	_____
		Group 4:	_____

ADDITIONAL GROUP COURSES

Three courses from any of the groups above.	3-4	_____	_____
	3-4	_____	_____
	3-4	_____	_____

\*Offered alternate years. Schedule accordingly.

# 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
Writing Requirement or HUMA Course.....	3	CHEM 114 General Chemistry II Lab.....	1
HUMA 100 The Humanities: Christian Wisdom.....	1	Writing Requirement or HUMA Course.....	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 Course .....	3	HUMA Course .....	3
SSFT Course.....	2	General Electives.....	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 Course .....	3	HUMA Course .....	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>9</u>
HUMA 300 Gospel and the Good Life: Christian Ethics....	2		14
General Electives.....	<u>4</u>		
	17		

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.