

# 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 Biochemistry Entering in 2025

(REVISED 02-28-2025)

Name: \_\_\_\_\_  
ID# \_\_\_\_\_  
Year of Anticipated Graduation: \_\_\_\_\_

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

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS  
General Education + Elective Requirements----- 56 HOURS

Minimum CQPA and MQPA required for graduation-----2.00  
MQPA Courses-----CHEM, BIOL  
Major Requirements-----72 HOURS

GENERAL EDUCATION REQUIREMENTS----- 26 HOURS

		Cr.	Sem. Taken	Grade
HUMANITIES CORE----- 18 HOURS				
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

BIOCHEMISTRY CORE REQUIREMENTS----- 53 HOURS

		Cr.	Sem. Taken	Grade
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	_____	_____
CHEM 141	Beginning Biochemistry	2	_____	_____
CHEM 227	Analytical Chemistry	4	_____	_____
CHEM 231	Descriptive Inorganic/Bioinorganic Chem.	2	_____	_____
CHEM 235	Chemistry in Context (IL)	1	_____	_____
CHEM 241	Organic Chemistry I	4	_____	_____
CHEM 242	Organic Chemistry II	4	_____	_____
CHEM 342	Physical Chemistry of Biological Systems	4	_____	_____
CHEM 351	Biochemistry I	4	_____	_____
CHEM 352	Biochemistry II	4	_____	_____
CHEM 451	Biochemistry: Data & Analysis	3	_____	_____
CHEM 487	Biochemistry Seminar (WI/SI)	1	_____	_____
BIOL 101	General Biology I	4	_____	_____
BIOL 233	Genetics	4	_____	_____
BIOL 234	Cell Biology	4	_____	_____

MAJOR RELATED REQUIREMENTS----- 19 HOURS

MATH 161	Calculus I	4	_____	_____
MATH 162	Calculus II	4	_____	_____
PHYS 101	General Physics I <b>AND</b>			
PHYS 102	General Physics II	4	_____	_____
<b>OR</b>				
PHYS 121	College Physics I <b>AND</b>	4	_____	_____
PHYS 122	College Physics II			
PSYC 201	Statistical Methods	3	_____	_____

GENERAL ELECTIVES----- 30 HOURS

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

## Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 111 General Chemistry I.....	3	CHEM 112 General Chemistry II.....	3
CHEM 113 General Chemistry I Lab.....	1	CHEM 114 General Chemistry II Lab.....	1
BIOL 101 General Biology I.....	4	CHEM 141 Beginning Biochemistry.....	2
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
Writing Requirement or HUMA Course.....	3	Writing Requirement or HUMA Course.....	3
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>	General Elective.....	<u>3</u>
	16		16

## Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 235 Chemistry in Context.....	1	CHEM 231 Descriptive Inorg/Bioinorg Chemistry.....	2
CHEM 241 Organic Chemistry I.....	4	CHEM 242 Organic Chemistry II.....	4
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA Course .....	3	HUMA Course .....	3
PSYC 201 Statistical Methods.....	<u>3</u>	Foundations of Social Science Course.....	<u>3</u>
	15		16

## Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 227 Analytical Chemistry.....	4	CHEM 342 Physical Chemistry of Biological Systems.....	4
CHEM 351 Biochemistry I.....	4	CHEM 352 Biochemistry II.....	4
PHYS 121 College Physics I.....	4	PHYS 122 College Physics II.....	4
SSFT Course.....	2	HUMA Course .....	<u>3</u>
HUMA Course .....	<u>3</u>		15
	17		

## Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 451 Biochemistry: Data & Analysis.....	3	CHEM 487 Biochemistry Seminar.....	1
HUMA 300 Gospel and the Good Life: Christian Ethics....	2	General Electives.....	<u>15</u>
General Electives.....	<u>12</u>		16
	17		

The schedule above satisfies the 128 required credit hours for graduation.

There is a great deal of flexibility in the Junior and Senior years.

Students should be aware that some electives are only available in specific semesters.