

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 2021

(REVISED 01-01-2021)

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE -----	128 HOURS
General Education + Elective Requirements -----	54 HOURS

Minimum CQPA and MQPA required for graduation -----	2.00
MQPA Courses -----	CHEM, BIOL
Major Requirements -----	74 HOURS

GENERAL EDUCATION REQUIREMENTS----- **24 HOURS**

	Cr.	Sem. Taken	Grade
HUMANITIES CORE -----			15 HOURS

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----- **0 HOURS**

College requirements met through major-related coursework.

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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BIOCHEMISTRY CORE REQUIREMENTS----- **55 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 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 102	General Biology II	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 AND		
PHYS 102	General Physics II	4	_____
	OR		
PHYS 121	College Physics I AND	4	_____
PHYS 122	College Physics II		
PSYC 201	Statistical Methods	3	_____

GENERAL ELECTIVES----- **30 HOURS**

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	BIOL 102 General Biology II.....	4
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
General Elective.....	<u>1</u>	PHYE 100 Healthful Living.....	<u>1</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 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	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 303 Christianity and Civilization.....	<u>3</u>
General Elective.....	<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 301 Civilization and the Arts.....	3	General Electives.....	<u>15</u>
General Electives.....	<u>11</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.