

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 Biochemistry with Concentration in Health Entering in 2019

(REVISED 06-01-19)

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

Name: _____

ID#: _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

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

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

General Education + Elective Requirements----- 42-43 HOURS

MQPA Courses-----CHEM, BIOL

Major Requirements-----85-86 HOURS

GENERAL EDUCATION REQUIREMENTS-----24 HOURS

BIOCHEMISTRY CORE REQUIREMENTS-----55 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	_____

	Cr.	Sem. Taken	Grade
CHEM 101	General Chemistry I	4	_____
CHEM 102	General Chemistry II	4	_____
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	_____

*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	_____	_____
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MAJOR RELATED REQUIREMENTS-----19 HOURS

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

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

Choose one course from the following:

ECON 120 Foundations of Economics

HIST 120 Foundations of History

HIST 141 World Geography

HIST 204 Hist/Phil Foundations of Education

POLS 101 Foundations of Political Science

PSYC 101 Foundations of Psychology

PSYC 200 Cross-Cultural Psychology

SOCI 101 Foundations of Sociology

SOCI 103 Found. of Cultural Anthr.

SOCW 101 Found. of Social Work

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CONCENTRATION REQUIREMENTS-----11-12 HOURS

BIOL 407	Microbiology	4	_____
BIOL 341	Human/Mammalian Anatomy OR	4	_____
BIOL 346	Human/Mammalian Physiology		
Choose one course from BIOL 313 Histology, 314 Immunology, 325 Virology, or 341 or 346.			
_____	3-4	_____	_____

PHYSICAL EDUCATION-----1 HOURS

PHYE 100	Healthful Living	1	_____
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GENERAL ELECTIVES-----18-19 HOURS

**SUGGESTED FOUR-YEAR PLAN for the
BACHELOR OF SCIENCE IN
BIOCHEMISTRY with a HEALTH CONCENTRATION**

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 101 General Chemistry I.....	4	CHEM 102 General Chemistry II.....	4
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
PHYE 100 Healthful Living.....	<u>1</u>	General Elective.....	<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>
BIOL 407 Microbiology.....	4	BIOL 346 Human/Mammalian Physiology [^]	4
CHEM 451 Biochemistry: Data & Analysis.....	4	Concentration Elective [^]	3
HUMA 301 Civilization and the Arts.....	3	CHEM 487 Biochemistry Seminar.....	1
General Electives.....	<u>6</u>	General Electives.....	<u>8</u>
	17		16

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.

[^]These courses will vary depending on the student's selection of concentration course choices.