

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 2018 (REVISED 06-01-18)

(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----- 25 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----- 0 HOURS

College requirements met through major-related coursework.

NATURAL SCIENCES (with labs)----- 0 HOURS

College requirements met through major-related coursework.

PHYSICAL EDUCATION----- 2 HOURS

PHYE 101 (men) / 111 (women)	1	_____	_____
PHYE 102 (men) / 112 (women)	1	_____	_____

BIOCHEMISTRY CORE REQUIREMENTS----- 55 HOURS

	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	_____	_____

MAJOR RELATED REQUIREMENTS----- 19 HOURS

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

CONCENTRATION REQUIREMENTS-----11-12 HOURS

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

GENERAL ELECTIVES-----17-18 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
Physical Education 101 (men)/111 (women).....	<u>1</u>	Physical Education 102 (men)/112 (women).....	<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.