

# 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 2017

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

(REVISED 05-08-17)

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----- 77 HOURS

MQPA Courses-----BIOL

Major Requirements-----51 HOURS

GENERAL EDUCATION REQUIREMENTS----- 28 HOURS

		Cr.	Sem. Taken	Grade
<b>HUMANITIES CORE----- 15 HOURS</b>				
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			

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

Choose one social science course from the following:

ECON 120	Foundations of Economics			
HIST 120	Foundations of History			
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	Foundations of Cultural Anthropology			
SOCW 101	Foundations of Social Work			

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QUANTITATIVE/LOGICAL REASONING----- 3 HOURS

Refer to the *Bulletin* - General Education section - for requirements.  
PSYC 201 Statistical Methods is recommended for this requirement.

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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	_____	_____

GENERAL ELECTIVES----- 49 HOURS

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BIOLOGY CORE REQUIREMENTS----- 17 HOURS

		Cr.	Sem. Taken	Grade
BIOL 101	General Biology I	4	_____	_____
BIOL 102	General Biology II	4	_____	_____
BIOL 233	Genetics	4	_____	_____
BIOL 234	Cell Biology	4	_____	_____
BIOL 488	Seminar in Biology (WI, SI, IL)	1	_____	_____

BIOLOGY GROUP CHOICES----- 18 HOURS

Choose one course from *each* of the following groups, as well as an additional course from any group to reach a minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.

<b>GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY</b>				
BIOL 301	Advanced Genetics *	4		
BIOL 302	Developmental Biology *	4		
BIOL 322	The Biology of Cancer*	3		
BIOL 325	Virology *	3	Group 1: _____	
BIOL 334	Biochemistry for Biology	3		
BIOL 346	Human/Mammalian Physiology	4		
BIOL 407	Microbiology	4		
<b>GROUP 2 - VERTEBRATE SYSTEMS</b>				
BIOL 310	Zoonotic Disease and Public Health	4		
BIOL 313	Histology *	3		
BIOL 314	Immunology	3	Group 2: _____	
BIOL 341	Human/Mammalian Anatomy	4		
<b>GROUP 3 - NATURAL HISTORY</b>				
BIOL 305	Plant Taxonomy	4		
BIOL 323	Invertebrate Zoology *	3		
BIOL 326	Evolutionary Biology	3	Group 3: _____	
BIOL 409	Entomology *	4		
<b>GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY</b>				
BIOL 320	Conservation & Wildlife Biology	4		
BIOL 331	Ecology	4		
BIOL 403	Basis of Wildlife Behavior *	3	Group 4: _____	
BIOL 421	Aquatic & Fishery Biology *	3		
<b>ADDITIONAL GROUP COURSE</b>				
	One course from any of the groups above.	3-4	Group Elec: _____	

\*Offered alternate years. Schedule accordingly.

BIOLOGY ELECTIVES----- 4 HOURS

To reach the minimum 51 hours major requirement, plan to take the major-related courses, and your selection of additional BIOL courses including any additional group courses and/or seminar, research, or internship courses.

<b>RESEARCH (minimum 2 hour commitment), INDEPENDENT STUDY, INTERNSHIP</b>				
BIOL 260/360/460	Independent Study	1-3		
BIOL 270/370/470	Independent Research	1		
BIOL 480	Internship in Biology	1-6		
BIOL 499	Honors Biology Research	1-2		
<b>SEMINARS</b>				
BIOL 208	Intro to Environmental Education	2		
BIOL 372	Contemporary Topics in Biology	1		
BIOL 484	Issues in Environmental Education	2		

MAJOR-RELATED REQUIREMENTS----- 12 HOURS

CHEM 101	General Chemistry I	4	_____	_____
CHEM 102	General Chemistry II	4	_____	_____
MATH 161	Calculus I	4	_____	_____

# SUGGESTED 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 101 General Chemistry I.....	4	CHEM 102 General Chemistry II.....	4
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
Physical Education 101 (men)/111 (women).....	1	MATH 161 Calculus I.....	4
General Electives*.....	<u>4</u>	Physical Education 102 (men)/112 (women).....	<u>1</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 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning Course (e.g. PSYC 201).....	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 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	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>10</u>
General Electives.....	<u>5</u>		15
	16		

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.