

# Grove City College Status Sheet

**B.S. in Biology**  
**Entering in 2016**  
 (5-3-2016)

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.

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

**TOTAL HOURS REQUIRED FOR THIS DEGREE.....128 HOURS**

**General Education + Elective Requirements.....78 HOURS**

**Minimum CQPA and MQPA required for graduation.....2.00**

**MQPA Courses.....BIOL**

**Major Requirements.....50 HOURS**

**GENERAL EDUCATION REQUIREMENTS ..... 28 HOURS**

**HUMANITIES CORE ..... 15 HOURS**

	Cr.	Sem. Taken	Grade
HUMA 102 Biblical Revelation (IL)*	3	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Literature	3	_____	_____
HUMA 301 Arts	3	_____	_____
HUMA 303 Speculative Mind	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:

PHIL 243 Science and the Human: Inquiry			
SSFT 210 Science & Religion			
SSFT 212 Science, Faith, Technology & Origins			
_____	2	_____	_____

**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			
_____	3	_____	_____

**QUANTITATIVE/LOGICAL REASONING ..... 3 HOURS**

Refer to Bulletin—General Education section—for requirements.

_____	3	_____	_____
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PSYC 201 Statistical Methods is recommended for this requirement

**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 ..... 50 HOURS**

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**BIOLOGY CORE ..... 16 HOURS**

	Cr.	Sem. Taken	Grade
BIOL 101 General Biology I	4	_____	_____
BIOL 102 General Biology II	4	_____	_____
BIOL 233 Genetics (IL)	3	_____	_____
BIOL 234 Cell Biology	4	_____	_____
BIOL 488 Biology Seminar (WI, SI, IL)	1	_____	_____

**BIOLOGY GROUP CHOICES ..... 18 HOURS**

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

**GROUP 1—MOLECULAR MECHANISMS AND PHYSIOLOGY**

BIOL 301 Advanced Genetics *	4		
BIOL 302 Developmental Biology *	4		
BIOL 322 The Biology of Cancer	3		
BIOL 325 Virology *	3		
BIOL 334 Biochemistry for Biology	3		
BIOL 346 Human/Mammalian Physiology	4		
BIOL 407 Microbiology	4		
		Group 1:	_____

**GROUP 2—VERTEBRATE SYSTEMS**

BIOL 310 Zoonotic Disease & Public Health	4		
BIOL 313 Histology *	3		
BIOL 314 Immunology	3		
BIOL 341 Human/Mammalian Anatomy	4		
		Group 2:	_____

**GROUP 3—NATURAL HISTORY**

BIOL 305 Plant Taxonomy	4		
BIOL 323 Invertebrate Zoology *	3		
BIOL 326 Evolutionary Biology	3		
BIOL 409 Entomology *	4		
		Group 3:	_____

**GROUP 4—ENVIRONMENTAL AND ECOLOGICAL DIVERSITY**

BIOL 320 Conservation & Wildlife Biology	4		
BIOL 331 Ecology	4		
BIOL 403 Basis of Wildlife Behavior *	3		
BIOL 421 Aquatic & Fishery Biology *	3		
		Group 4:	_____

**ADDITIONAL GROUP COURSE (ANY GROUP): minimum of 3 hours**

_____	3	_____	_____
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\*Offered alternate years. Schedule accordingly.

**BIOLOGY ELECTIVES ..... 4 HOURS**

To reach the minimum 50 hours Major requirements, plan to take the major-related courses (see below), and your selection of additional BIOL courses including any additional group courses (above) and/or seminar, research or internship courses (below).

**RESEARCH (minimum 2 hour commitment), INDEPENDENT STUDY, INTERNSHIP**

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	_____	_____

**SEMINARS**

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 COURSE PLAN**  
**Biology major**  
**(BIOL)**

**\*\*Please note that there is considerable flexibility in semesters 5-8\*\***

**Freshman Year**

<u>Fall</u>		<u>Spring</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/ Biblical Revelation .....	3
PHYE 101/111 Fitness & Wellness .....	1	PHYE 102/112 Fitness & Wellness.....	1
General Electives*.....	<u>4</u>	MATH 161 Calculus I .....	<u>4</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>Spring</u>	
BIOL 233 Genetics .....	3	BIOL 234 Cell Biology .....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civ/Literature .....	3
SSFT course .....	2	Quantitative/Logic Course (e.g., PSYC 201).....	3
General Electives.....	<u>9</u>	General Electives.....	<u>6</u>
	17		16

**Junior Year**

<u>Fall</u>		<u>Spring</u>	
Biology Group Course.....	4	Biology Group Course.....	4
Biology Elective.....	1	Biology Elective.....	1
HUMA 301 Civ/The Arts .....	3	HUMA 303 Speculative Mind .....	3
General Electives .....	<u>8</u>	General Electives.....	<u>8</u>
	16		16

**Senior Year**

<u>Fall</u>		<u>Spring</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 .....	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.**