

# Grove City College Status Sheet

**B.S. in Biology**  
**Entering in 2012**  
 (3-23-12)

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: \_\_\_\_\_

<b>TOTAL HOURS REQUIRED FOR THIS DEGREE.....128 HOURS</b>	<b>Minimum CQPA and MQPA required for graduation.....2.00</b>
<b>General Education + Elective Requirements.....78 HOURS</b>	<b>MQPA Courses.....BIOL</b>
	<b>Major Requirements.....50 HOURS</b>

### GENERAL EDUCATION REQUIREMENTS.....29 HOURS

#### HUMANITIES CORE.....18 HOURS

	Cr.	Sem. Taken	Grade
HUMA 101 Civilization (WI) (IL)	3	_____	_____
HUMA 102 Biblical Revelation (WI) (IL)*	3	_____	_____
HUMA 201 Speculative Mind (WI) (IL)	3	_____	_____
HUMA 202 Literature	3	_____	_____
HUMA 301 Arts	3	_____	_____
HUMA 302 International Perspective	3	_____	_____

\*The year-long sequence of RELI 211 and 212 may substitute for this course.

#### STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT).....3 HOURS

Choose one course from the following:

SSFT 208 Science, Technology & Society	_____	_____	_____
SSFT 210 Science & Religion	_____	_____	_____
SSFT 212 Science, Faith, Technology & Origins	3	_____	_____

#### 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	3	_____	_____

#### QUANTITATIVE/LOGICAL REASONING.....3 HOURS

Refer to Bulletin—General Education section—for requirements.

_____	3	_____	_____
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PSYC 201 Psychological Statistics 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 .....49 HOURS

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

### BIOLOGY CORE.....16 HOURS

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

### BIOLOGY GROUP CHOICES.....16 HOURS

#### GROUP 1—MOLECULAR MECHANISMS AND PHYSIOLOGY

BIOL 302 Developmental Biology *	4	_____	_____
BIOL 301 Advanced Genetics *	4	_____	_____
BIOL 321 Bioinformatics *	3	_____	_____
BIOL 346 Mammalian Physiology	4	_____	_____
BIOL 407 Microbiology	4	_____	_____

#### GROUP 2—VERTEBRATE SYSTEMS

BIOL 308 Neurobiology *	3	_____	_____
BIOL 310 Zoonotic Disease & Public Health	4	_____	_____
BIOL 313 Histology *	3	_____	_____
BIOL 341 Mammalian Anatomy	4	_____	_____

#### GROUP 3—NATURAL HISTORY

BIOL 305 Plant Taxonomy	4	_____	_____
BIOL 318 Plant Morphology *	4	_____	_____
BIOL 324 Invertebrate Zoology *	3	_____	_____
BIOL 326 Evolutionary Biology	3	_____	_____
BIOL 409 Entomology *	4	_____	_____

#### GROUP 4—ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

BIOL 320 Conservation & Wildlife Biology	4	_____	_____
BIOL 331 Ecology	4	_____	_____
BIOL 403 Behavioral Ecology *	3	_____	_____
BIOL 421 Aquatic & Fishery Biology *	3	_____	_____

Group 1: \_\_\_\_\_ 4 \_\_\_\_\_

Group 2 : \_\_\_\_\_ 4 \_\_\_\_\_

Group 3: \_\_\_\_\_ 4 \_\_\_\_\_

Group 4 : \_\_\_\_\_ 4 \_\_\_\_\_

### ADDITIONAL GROUP COURSE (ANY GROUP).....3 HOUR MINIMUM

\*Offered alternate years. Schedule accordingly.

### BIOLOGY ELECTIVES.....3 HOURS

#### RESEARCH (MINIMUM 2 HOUR COMMITMENT) & INDEPENDENT STUDY

BIOL 260/360/460 Independent Study	1-3	_____	_____
BIOL 270/370/470 Independent Research	1	_____	_____
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	_____	_____

#### ADDITIONAL GROUP COURSE

_____	3	_____	_____
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### 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
HUMA 101 Civilization.....	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 Introduction to Genetics .....	3	BIOL 234 Cell Biology .....	4
HUMA 201 Civ/Speculative Mind .....	3	HUMA 202 Civ/Literature .....	3
SSFT course .....	3	Quantitative/Logic Course (e.g., PSYC 201).....	3
General Electives .....	<u>4</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 302 Modern Civ/Internat'l Persp .....	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 Course.....	4
Biology Elective .....	1	General Electives .....	<u>10</u>
Foundations of Social Science .....	3		15
General Electives .....	<u>5</u>		
	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.**