

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 and General Science
Secondary Education Certification
Entering in 2017
 (REVISED 05-08-17)

(W)=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

Minimum QPAs required for certification-----CQPA 3.00; MQPA 2.75

MQPA Courses-----BIOL

Major Requirements-----100 HOURS

General Education + Elective Requirements----- 28 HOURS

GENERAL EDUCATION REQUIREMENTS----- 28 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	Foundations 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 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 the *Bulletin* - General Education section - for requirements.

		3	_____	_____
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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----- 0 HOURS

PROFESSIONAL EDUCATION REQUIREMENTS----- 40 HOURS

EDUC 202	Foundations of Teaching	3	_____	_____
EDUC 203	Culturally Relevant Pedagogy	3	_____	_____
EDUC 204	Technologies of Instruction	3	_____	_____
EDUC 305	Basic Principles of Curriculum & Instruction	3	_____	_____
EDUC 309	Field Exp./Methods of Teaching Science	2	_____	_____
EDUC 371	Field Experience	1	_____	_____
EDUC 431	Student Teaching	16	_____	_____
EDUC 488	Issues in Education/Comparative Education	3	_____	_____
PSYC 102	Educational Psychology	3	_____	_____
SEDU 101	Exceptional Learners	3	_____	_____

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 486	Seminar for Biology Teachers (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.

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		Group 1: _____
BIOL 334	Biochemistry for Biology	3		
BIOL 346	Human/Mammalian Physiology	4		
BIOL 407	Microbiology	4		

GROUP 2 - VERTEBRATE SYSTEMS

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

GROUP 3 - NATURAL HISTORY

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

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

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		

ADDITIONAL GROUP COURSE

One course from any of the groups above.	3-4			Group Elec: _____
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*Offered alternate years. Schedule accordingly.

BIOLOGY ELECTIVES----- 3 HOURS

To reach the minimum 100 hours major requirement, plan to take the major-related and professional education requirements, and your selection of additional BIOL courses including any additional group courses and/or seminar, research, or internship courses.

RESEARCH (min. 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----- 22 HOURS

ASTR 206	Intro to Sky Motions/Planets OR			
ASTR 207	Intro to Stars/Galaxies/Cosmology	3	_____	_____
CHEM 101	General Chemistry I	4	_____	_____
CHEM 102	General Chemistry II	4	_____	_____
GEOL 201	Physical/Environmental Geology	3	_____	_____
MATH 161	Calculus I	4	_____	_____
SCIC 201	Fundamentals of the Universe OR			
PHYS 121	College Physics I	4	_____	_____

SUGGESTED FOUR-YEAR PLAN for the
BACHELOR OF SCIENCE IN
BIOLOGY and GENERAL SCIENCE SECONDARY EDUCATION CERTIFICATION

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
MATH 161 Calculus I.....	4	HUMA 102 Civ and the Biblical Revelation.....	3
WRIT 101 Foundations of Academic Discourse.....	3	PSYC 102 Educational Psychology.....	3
Physical Education 101 (men)/111 (women).....	<u>1</u>	Physical Education 102 (men)/112 (women).....	<u>1</u>
	16		15

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
EDUC 202 Foundations of Teaching.....	3	EDUC 203 Culturally Relevant Pedagogy.....	3
HUMA 200 Western Civilization.....	3	EDUC 371 Field Experience (Secondary).....	1
PHYS 121 College Physics I OR		GEOLOG 201 Physical/Environmental Geology.....	3
SCIC 201 Fundamentals of the Universe.....	4	HUMA 202 Civilization and Literature *.....	3
SEDU 101 Exceptional Learners.....	<u>3</u>	SSFT Course *.....	<u>2</u>
	17		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ASTR 206 Introduction to Sky Motions and Planets.....	3	BIOL Group Course.....	4
BIOL Group Course.....	4	BIOL 486 Seminar for Biology Teachers.....	1
BIOL Group Course.....	3	EDUC 204 Technologies of Instruction.....	3
Foundations of Social Science Course.....	3	EDUC 305 Curriculum & Instruction.....	3
HUMA 301 Civilization and the Arts *.....	<u>3</u>	EDUC 309 Field Experience/Methods of Teaching Science....	2
	16	HUMA 303 Christianity and Civilization.....	<u>3</u>
			16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL Group Course.....	4	EDUC 431 Student Teaching.....	<u>16</u>
BIOL Group Course.....	3	(no other courses)	16
BIOL Elective.....	3		
EDUC 488 Issues in Education/Comparative Education... 3			
Quantitative/Logical Reasoning Course (e.g. PSYC 201). <u>3</u>			
	16		

Consult with your advisor regarding specific courses and course load per semester.

* Courses typically offered during January and May Intersessions.

The above schedule is a suggested plan only; please note that there is some flexibility in scheduling certain courses. The student must consult with his/her advisor each semester regarding course selection and planning.