

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.

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

B.S. in Biology and General Science
Secondary Education Certification
Entering in 2023
(REVISED 03-31-2023)

Name: _____
ID# _____
Year of Anticipated Graduation: _____

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	28 HOURS

GENERAL EDUCATION REQUIREMENTS-----		27 HOURS
	Cr.	Sem. Taken
HUMANITIES CORE-----		15 HOURS
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

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-----		3 HOURS
Refer to the <i>Bulletin</i> - General Education section - for requirements.		
		3

NATURAL SCIENCES (with labs)-----		0 HOURS
College requirements met through major-related coursework.		

PHYSICAL EDUCATION-----		1 HOURS
PHYE 100	Healthful Living	1

GENERAL ELECTIVES-----		1 HOUR
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PROFESSIONAL EDUCATION REQUIREMENTS-----		40 HOURS
EDUC 202^	Introduction to the Teaching Profession (IL)	3
EDUC 203	Culturally Relevant Pedagogy (IL)	3
EDUC 204	Technologies of Instruction	3
EDUC 215	Secondary Curriculum & Instruction I	2
EDUC 317	Secondary Math/Scic Curriculum & Instruc II	2
EDUC 371	Field Experience	1
EDUC 375	Secondary Field Experience (3rd Level)	1
EDUC 450	Student Teaching	16
EDUC 488	Issues in Education/Comparative Education (WI/SI/IL)	3
PSYC 102	Educational Psychology	3
SEDU 102	Exceptional Learners for 7-12 & K-12	2
SEDU 103	Methods of Sec. Spec. Educ Implementation	1

^ Students with EDUC 205 credit must take EDUC 206 to complete the EDUC 202 requirement.

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

BIOLOGY CORE REQUIREMENTS-----		17 HOURS
	Cr.	Sem. Taken
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 <i>each</i> 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 Medical 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 Public Health and Infectious Disease*	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 328 Introduction to Geographic Information Science	4	
BIOL 331 Ecology	3	
AND BIOL 332 Ecology Lab	1	
BIOL 343 Ichthyology*	3	
BIOL 403 Basis of Wildlife Behavior *	3	
BIOL 421 Aquatic & Fishery Biology *	3	Group 4: _____
ADDITIONAL GROUP COURSE		
One course from any of the groups above.	3-4	
*Offered alternate years. Schedule accordingly.		Group Elec: _____

BIOLOGY ELECTIVES-----		3 HOURS
Choose three hours from any additional Biology offerings. See the College <i>Bulletin</i> for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one credit per semester).		

MAJOR-RELATED REQUIREMENTS-----		22 HOURS
ASTR 206	Intro to Sky Motions/Planets OR	
ASTR 207	Intro to Stars/Galaxies/Cosmology	3
CHEM 111	General Chemistry I	3
CHEM 113	General Chemistry I Lab	1
CHEM 112	General Chemistry II	3
CHEM 114	General Chemistry II Lab	1
GEOL 201	Physical/Environmental Geology	3
MATH 161	Calculus I	4
SCIC 201	Fundamentals of the Universe OR	
PHYS 121	College Physics I	4

SAMPLE 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 111 General Chemistry I.....	3	CHEM 112 General Chemistry II.....	3
CHEM 113 General Chemistry I Lab.....	1	CHEM 114 General Chemistry II Lab.....	1
EDUC 202 Introduction to the Teaching Profession.....	3	MATH 161 Calculus I.....	4
PHYE 100 Healthful Living.....	1	HUMA 102 Civ and the Biblical Revelation.....	3
WRIT 101 Foundations of Academic Discourse.....	<u>3</u>		15
	15		

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
PSYC 102 Educational Psychology.....	3	EDUC 203 Culturally Relevant Pedagogy.....	3
EDUC 204 Technologies of Instruction.....	3	EDUC 215 Secondary Curriculum & Instruction [^]	2
HUMA 200 Western Civilization.....	3	EDUC 371 Field Experience (Secondary) [^]	1
PHYS 121 College Physics I OR		GEOL 201 Physical/Environmental Geology.....	3
SCIC 201 Fundamentals of the Universe.....	<u>4</u>	HUMA 202 Civilization and Literature *.....	<u>3</u>
	17		16

[^] EDUC 215 and 371 must be taken together

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	SEDU 102 Exceptional Learners for 7-12 & K-12.....	2
EDUC 317 Secondary Math/Scic Curriculum & Instructor	2	SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1
EDUC 375 Secondary Field Experience (3rd Level).....	1	Foundations of Social Science Course.....	3
HUMA 301 Civilization and the Arts *.....	3	HUMA 303 Christianity and Civilization.....	3
General Elective.....	<u>1</u>	SSFT Course *.....	<u>2</u>
	17		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL Group Course.....	4	EDUC 450 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.