

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 2024

(REVISED 04-17-2024)

(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----- 27 HOURS

BIOLOGY CORE REQUIREMENTS----- 17 HOURS

	Cr.	Sem. Taken	Grade
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	_____	_____

	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 (W/SI/IL)	1	_____	_____

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

WRITING REQUIREMENT----- 3 HOURS

BIOLOGY GROUP CHOICES----- 18 HOURS minimum

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.

WRIT 101 Foundations of Academic Discourse (W/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	_____	_____

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 401 Introduction to Biological Laboratory Techniques	2	_____	_____
BIOL 404 Advanced Topics in Genetics *	4	_____	_____
BIOL 407 Microbiology	4	_____	_____

Group 1: _____

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

Choose one course from the following:

ECON 120 Foundations of Economics			
HIST 120 Foundations of History			
HIST 141 World Geography			
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 Found. of Cultural Anthr.			
SOCW 101 Found. of Social Work			
	3	_____	_____

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	_____	_____
BIOL 471 Introduction to Pathology	3	_____	_____

Group 2: _____

QUANTITATIVE/LOGICAL REASONING----- 3 HOURS

Refer to the *Bulletin* - General Education section - for requirements.

_____ 3 _____

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: _____

NATURAL SCIENCES (with labs)----- 0 HOURS

College requirements met through major-related coursework.

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

BIOL 320 Conservation & Wildlife Biology	4	_____	_____
BIOL 328 Introduction to Geographic Information Science	4	_____	_____
BIOL 331 Ecology	3	_____	_____
BIOL 332 Ecology Lab	1	_____	_____
BIOL 343 Ichthyology*	3	_____	_____
BIOL 403 Basis of Wildlife Behavior *	3	_____	_____
BIOL 421 Aquatic & Fishery Biology *	3	_____	_____

Group 4: _____

PHYSICAL EDUCATION----- 1 HOURS

PHYE 100 Healthful Living 1 _____

ADDITIONAL GROUP COURSE

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

GENERAL ELECTIVES----- 1 HOUR

PROFESSIONAL EDUCATION REQUIREMENTS----- 40 HOURS

BIOLOGY ELECTIVES----- 3 HOURS

EDUC 102 Educational Psychology	3	_____	_____
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 (SI)	16	_____	_____
EDUC 488 Issues in Education/Comparative Education (W/SI/IL)	3	_____	_____
SEDU 102 Exceptional Learners for 7-12 & K-12	2	_____	_____
SEDU 103 Methods of Sec. Spec. Educ Implementation	1	_____	_____

Choose three hours from any additional Biology offerings or CHEM 330, ENGR 340, PHIL 271, PHYS 401 or 402, or PUBH 101, 102, or 201. See the College *Bulletin* for additional Biology offerings. Note: Independent or honors research requires a minimum two-credit commitment.

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

MAJOR-RELATED REQUIREMENTS----- 22 HOURS

ASTR 206 Intro to Sky Motions/Planets OR ASTR 207	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	_____	_____
GEOG 201 Physical/Environmental Geology	3	_____	_____
MATH 161 Calculus I	4	_____	_____
SCIC 201 Fundamentals of the Universe OR PHYS 121	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
EDUC 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	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	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 Travel sessions.

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.