

# 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 2025

(REVISED 02-28-2025)

(WI)=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----- 26 HOURS**

**BIOLOGY CORE REQUIREMENTS----- 17 HOURS**

**HUMANITIES CORE----- 18 HOURS**

	Cr.	Sem. Taken	Grade
HUMA 100 The Humanities: Christian Wisdom	1	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Civilization and Literature	3	_____	_____
HUMA 204 Civilization and the Arts	3	_____	_____
HUMA 261 Scripture & Theology for the Chr. Life I	3	_____	_____
HUMA 271 Scripture & Theology for the Chr. Life II	3	_____	_____
HUMA 300 Gospel & the Good Life: Christian Ethics	2	_____	_____

	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	_____	_____

**WRITING REQUIREMENT----- 3 HOURS**

WRIT 101 Found. of Academic Discourse (WI/IL)	3	_____	_____
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**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. BIOL 331 and 332 together count as a 4-credit course, as do BIOL 302 and 307.

**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 204 Historical & Phil. Found. of Education	SOCW 101 Foundations of Social Work		
POLS 101 Foundations of Political Science	SOCI 101 Foundations of Sociology		
	SOCI 103 Found. of Cultural Anthr.		
	3	_____	_____

**GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY**

BIOL 301 Medical Genetics	4	_____	_____
BIOL 302 Developmental Biology *	3	_____	_____
BIOL 307 Developmental Biology Laboratory (WI/IL)*	1	_____	_____
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 406 Plant Physiology*	4	_____	_____
BIOL 407 Microbiology	4	_____	_____
BIOL 416 Biomedical Science of the Genome Age*	4	_____	Group 1: _____

**NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING---- 0 HOURS**

(1) Natural Science with lab	4	(Met through major)	_____
(2) Quantitative/Logical Reasoning	3-4	(Met through major)	_____
(3) Third course in Natural Science, Quantitative or Logical Reasoning	3-4	(Met through major)	_____

**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: _____

**STUDIES IN SCIENCE, FAITH, & TECHNOLOGY ----- 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 3 - NATURAL HISTORY**

BIOL 105 The Secret Life of Mushrooms*	3	_____	_____
BIOL 210 Apiculture*	3	_____	_____
BIOL 305 Plant Taxonomy	4	_____	_____
BIOL 326 Evolutionary Biology	3	_____	_____
BIOL 335 Introduction to Plant Pathology*	4	_____	_____
BIOL 343 Ichthyology*	3	_____	Group 3: _____

**GENERAL ELECTIVES----- 2 HOURS**

	2	_____	_____
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**GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY**

BIOL 212 Limnology*	3	_____	_____
BIOL 320 Conservation & Wildlife Biology	4	_____	_____
BIOL 328 Introduction to Geographic Information Science	4	_____	_____
BIOL 331 Ecology	3	_____	_____
BIOL 332 Ecology Lab	1	_____	_____
BIOL 403 Basis of Wildlife Behavior *	3	_____	_____
BIOL 421 Aquatic & Fishery Biology *	3	_____	Group 4: _____

**PROFESSIONAL EDUCATION REQUIREMENTS----- 40 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 271 Secondary Field Experience (1st Level)	1	_____	_____
EDUC 375 Secondary Field Experience (3rd Level)	1	_____	_____
EDUC 450 Student Teaching (SI)	16	_____	_____
EDUC 488 Issues in Education/Comparative Education (WI/SIL)	3	_____	_____
SEDU 102 Exceptional Learners for 7-12 & K-12	2	_____	_____
SEDU 103 Methods of Sec. Spec. Educ Implementation	1	_____	_____

**ADDITIONAL GROUP COURSE**

One course from any of the groups above. 3-4

\*Offered alternate years. Schedule accordingly. Group Elec: \_\_\_\_\_

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

**MAJOR-RELATED REQUIREMENTS----- 22 HOURS**

**BIOLOGY ELECTIVES----- 3 HOURS**

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.

ASTR 206 Intro to Sky Motions/Planets <b>OR</b> 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	_____	_____
GEOL 201 Physical/Environmental Geology	3	_____	_____
MATH 161 Calculus I	4	_____	_____
SCIC 201 Fundamentals of the Universe <b>OR</b> 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
MATH 161 Calculus I.....	4	EDUC 102 Educational Psychology.....	3
HUMA 100 The Humanities: Christian Wisdom.....	1	Foundations of Social Science Course.....	3
Writing Requirement or HUMA Course.....	<u>3</u>	Writing Requirement or HUMA Course.....	<u>3</u>
	16		17

**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 Introduction to the Teaching Profession.....	3	EDUC 203 Culturally Relevant Pedagogy.....	3
EDUC 204 Technologies of Instruction.....	3	EDUC 215 Secondary Curriculum & Instruction <sup>^</sup> .....	2
HUMA Course .....	3	EDUC 271 Secondary Field Experience (1st Level) <sup>^</sup> .....	1
PHYS 121 College Physics I <b>OR</b>		GEOL 201 Physical/Environmental Geology.....	3
SCIC 201 Fundamentals of the Universe.....	<u>4</u>	HUMA Course .....	<u>3</u>
	17	<sup>^</sup> EDUC 215 and 271 must be taken together	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 317 Secondary Math/Scic Curriculum & Instruction II...	2
SEDU 102 Exceptional Learners for 7-12 & K-12.....	2	EDUC 375 Secondary Field Experience (3rd Level).....	1
SEDU 103 Methods of Sec. Spec. Educ. Implementation.	1	BIOL Elective.....	3
HUMA Course .....	<u>3</u>	HUMA Course .....	3
	16	SSFT Course *.....	<u>2</u>
			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
HUMA 300 Gospel and the Good Life: Christian Ethics....	2		
EDUC 488 Issues in Education/Comparative Education...	3		
General Elective.....	<u>2</u>		
	14		

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.