

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 Chemistry and General Science
Secondary Education Certification
Entering in 2025
(REVISED 02-28-2025)

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

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	130-131 HOURS
General Education + Elective Requirements-----	26 HOURS

GENERAL EDUCATION REQUIREMENTS-----		26 HOURS
	Cr.	Sem. Taken
HUMANITIES CORE-----		18 HOURS
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

WRITING REQUIREMENT-----		3 HOURS
WRIT 101	Found. of Academic Discourse (WI/IL)	3

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

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)

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

GENERAL ELECTIVES-----		0 HOURS
Suggested additional courses: BIOL 101 General Biology I		

Minimum CQPA and MQPA required for graduation-----	2.00
Minimum QPAs required for certification-----	CQPA 3.00; MQPA 2.75
MQPA Courses-----	CHEM; EDUC; GEOL 201; SEDU 102; SEDU 103; ASTR 206, 207; SCIC 202, 204
Major Requirements-----	104-105 HOURS

CHEMISTRY CORE REQUIREMENTS-----		38 HOURS
	Cr.	Sem. Taken
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
CHEM 227	Analytical Chemistry	4
CHEM 231	Descriptive Inorganic/Bioinorganic Chem.	2
CHEM 235	Chemistry in Context (IL)	1
CHEM 241	Organic Chemistry I	4
CHEM 242	Organic Chemistry II	4
CHEM 345	Microscopic Physical Chemistry	4
CHEM 346	Macroscopic Physical Chemistry	4
CHEM 351	Biochemistry I	4
CHEM 402	Techniques in Chemistry Classroom/Lab Inst	2
CHEM 488	Chemistry Seminar (WI/SI)	1

MAJOR RELATED REQUIREMENTS-----		26-27 HOURS
MATH 161	Calculus I	4
MATH 162	Calculus II	4
SCIC 202	Life Science	4
PHYS 101	General Physics I AND	
PHYS 102	General Physics II	4
OR		
PHYS 121	College Physics I AND	4
PHYS 122	College Physics II	
ASTR 206	Intro to Sky Motions and Planets OR	3
ASTR 207	Intro to Stars, Galaxies, and Cosmology	
GEOL 201	Physical / Environmental Geology OR	3-4
SCIC 204	Environmental Science	

		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 271	Secondary Field Experience (1st Level)	1
EDUC 317	Secondary Math/Scic Curriculum & Instruc II	2
EDUC 375	Secondary Field Experience (3rd Level)	1
EDUC 450	Student Teaching (SI)	16
EDUC 488	Issues in Education (WI/SI/IL)	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.

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN CHEMISTRY AND GENERAL SCIENCE SECONDARY EDUCATION CERTIFICATION

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
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	MATH 162 Calculus II.....	4
PHYS 121 College Physics I or PHYS 101 Gen. Physics I.....	4	PHYS 122 College Physics II or PHYS 102 Gen. Physics II.....	4
Writing Requirement or HUMA Course.....	3	Writing Requirement or HUMA Course.....	3
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>	EDUC 202 Introduction to the Teaching Profession.....	<u>1</u>
	16		16

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 227 Analytical Chemistry.....	4	CHEM 231 Descriptive Inorg/Bioinorganic Chemistry.....	2
CHEM 235 Chemistry in Context.....	1	CHEM 242 Organic Chemistry II.....	4
CHEM 241 Organic Chemistry I.....	4	EDUC 204 Technologies of Instruction.....	3
EDUC 102 Educational Psychology.....	3	EDUC 215 Secondary Curriculum & Instruction I^.....	2
HUMA Course	<u>3</u>	EDUC 271 Secondary Field Experience (1st Level)^.....	1
	15	HUMA Course	3
		SSFT Course.....	<u>2</u>
		^ EDUC 215 and 271 must be taken together	17

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 345 Microscopic Physical Chemistry.....	4	CHEM 346 Macroscopic Physical Chemistry.....	4
CHEM 351 Biochemistry.....	4	GEOL 201 Geology or SCIC 204.....	3-4
HUMA Course	3	SEDU 102 Exceptional Learners for 7-12 & K-12.....	2
EDUC 203 Culturally Relevant Pedagogy.....	3	SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1
EDUC 317 Sec. Math/Scic Curriculum & Instruction II.....	2	Foundations of Social Science Course.....	3
EDUC 375 Secondary Field Experience - 3rd Level.....	<u>1</u>	HUMA Course	<u>3</u>
	17		16-17

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 402 Tech. in Chem. Classroom/Lab Instruction....	2	EDUC 450 Student Teaching.....	<u>16</u>
CHEM 488 Chemistry Seminar.....	1	(no other courses)	16
ASTR 206 Introduction to Sky Motions and Planets.....	3		
EDUC 488 Issues in Education.....	3		
HUMA 300 Gospel and the Good Life: Christian Ethics....	2		
SCIC 202 Life Science.....	<u>4</u>		
	15		

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