

# 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 Secondary Education  
Certification  
Entering in 2025  
(REVISED 02-28-2025)

Name: \_\_\_\_\_  
ID# \_\_\_\_\_  
Year of Anticipated Graduation: \_\_\_\_\_

Date: \_\_\_\_\_  
Advisor: \_\_\_\_\_

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	30 HOURS

GENERAL EDUCATION REQUIREMENTS-----			26 HOURS	
		Cr.	Sem. Taken	Grade
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	_____	_____

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

<b>FOUNDATIONS OF THE SOCIAL SCIENCES*-----</b>		<b>3 HOURS</b>
Choose one course from the following:		PSYC 101 Foundations of Psychology
ECON 120	Foundations of Economics	PSYC 200 Cross-Cultural Psychology
HIST 120	Foundations of History	SOCW 101 Foundations of Social Work
HIST 204	Historical & Phil. Found. of Education	SOCI 101 Foundations of Sociology
POLS 101	Foundations of Political Science	SOCI 103 Found. of Cultural Anthr.
		3

<b>NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING---- 0 HOURS</b>		
(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)

<b>STUDIES IN SCIENCE, FAITH, &amp; TECHNOLOGY -----</b>		<b>2 HOURS</b>
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-----	4 HOURS
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Minimum CQPA and MQPA required for graduation-----	2.00
Minimum QPAs required for certification-----	CQPA 3.00; MQPA 2.75
MQPA Courses-----	CHEM; EDUC; SEDU 102, 103
Major Requirements-----	98 HOURS

CHEMISTRY CORE REQUIREMENTS-----			38 HOURS	
		Cr.	Sem. Taken	Grade
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-----			20 HOURS
MATH 161	Calculus I	4	_____
MATH 162	Calculus II	4	_____
SCIC 202	Life Science	4	_____
[	PHYS 101	General Physics I <b>AND</b>	
	PHYS 102	General Physics II	
	<b>OR</b>		
	PHYS 121	College Physics I <b>AND</b>	
]	PHYS 122	College Physics II	
		4	_____
		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 (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 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.....	3	EDUC 202 Introduction to the Teaching Profession.....	<u>3</u>
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>		15
	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 215 Secondary Curriculum & Instruction^.....	2
EDUC 102 Educational Psychology.....	3	EDUC 204 Technologies of Instruction.....	3
HUMA Course .....	<u>3</u>	EDUC 271 Secondary Field Experience (1st Level)^.....	1
	15	SSFT Course.....	2
		HUMA Course .....	<u>3</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	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 Secondary Math/Scic Curriculum & Instructor 2		HUMA Course .....	3
EDUC 375 Secondary Field Experience (3rd Level).....	1	Foundations of Social Science Course.....	3
HUMA Course .....	<u>3</u>	General Elective.....	<u>3</u>
	17		16

## Senior Year

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

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