

# 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 2023  
(REVISED 03-31-2023)

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

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

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	432-133 HOURS
General Education + Elective Requirements-----	24 HOURS

GENERAL EDUCATION REQUIREMENTS-----			24 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	_____	_____
*The year-long sequence of RELI 211 and 212 may substitute for this course.				

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

<b>STUDIES IN SCIENCE, FAITH, &amp; TECHNOLOGY (SSFT)-----</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	

<b>FOUNDATIONS OF THE SOCIAL SCIENCES----- 3 HOURS</b>			
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			

<b>QUANTITATIVE/LOGICAL REASONING-----</b>	<b>0 HOURS</b>
College requirements met through major-related coursework.	

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

<b>PHYSICAL EDUCATION-----</b>		<b>1 HOURS</b>
PHYE 100	Healthful Living	1

GENERAL ELECTIVES-----	0 HOURS
Suggested additional courses: BIOL 101 General Biology I	
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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; GEOL 201; PSYC 102; SEDU 102; SEDU 103; ASTR 206, 207; SCIC 202, 204
Major Requirements-----	108-109 HOURS

CHEMISTRY CORE REQUIREMENTS-----			38 HOURS	
		Cr.	Sem. Taken	Grade
CHEM 111	General Chemistry I	3	<hr/>	<hr/>
CHEM 113	General Chemistry I Lab	1	<hr/>	<hr/>
CHEM 112	General Chemistry II	3	<hr/>	<hr/>
CHEM 114	General Chemistry II Lab	1	<hr/>	<hr/>
CHEM 227	Analytical Chemistry	4	<hr/>	<hr/>
CHEM 231	Descriptive Inorganic/Bioinorganic Chem.	2	<hr/>	<hr/>
CHEM 235	Chemistry in Context (IL)	1	<hr/>	<hr/>
CHEM 241	Organic Chemistry I	4	<hr/>	<hr/>
CHEM 242	Organic Chemistry II	4	<hr/>	<hr/>
CHEM 345	Microscopic Physical Chemistry	4	<hr/>	<hr/>
CHEM 346	Macroscopic Physical Chemistry	4	<hr/>	<hr/>
CHEM 351	Biochemistry I	4	<hr/>	<hr/>
CHEM 402	Techniques in Chemistry Classroom/Lab Inst	2	<hr/>	<hr/>
CHEM 488	Chemistry Seminar (WI, SI)	1	<hr/>	<hr/>

MAJOR RELATED REQUIREMENTS-----				30-31 HOURS
MATH 161	Calculus I	4	_____	_____
MATH 162	Calculus II	4	_____	_____
MATH 261	Calculus III	4	_____	_____
SCIC 202	Life Science	4	_____	_____
PHYS 101	General Physics I <b>AND</b>			
PHYS 102	General Physics II	4	_____	_____
<b>OR</b>				
PHYS 121	College Physics I <b>AND</b>	4	_____	_____
PHYS 122	College Physics II			
ASTR 206	Intro to Sky Motions and Planets <b>OR</b>	3	_____	_____
ASTR 207	Intro to Stars, Galaxies, and Cosmology			
GEOL 201	Physical / Environmental Geology <b>OR</b>	3-4	_____	_____
SCIC 204	Environmental Science			

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 (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.

# 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
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
PHYE 100 Healthful Living.....	<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
PSYC 102 Educational Psychology.....	3	EDUC 215 Secondary Curriculum & Instruction I <sup>^</sup> .....	2
MATH 261 Calculus III.....	<u>4</u>	EDUC 371 Field Experience (Secondary) <sup>^</sup> .....	1
	16	HUMA 200 Western Civilization.....	3
		SSFT Course.....	<u>2</u>
		<sup>^</sup> EDUC 215 and 371 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
CHEM 402 Tech. in Chem. Classroom/Lab Instruction....	2	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 202 Civilization and Literature.....	<u>3</u>
	16		16-17

## Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ASTR 206 Introduction to Sky Motions and Planets.....	3	EDUC 450 Student Teaching.....	<u>16</u>
CHEM 488 Chemistry Seminar.....	1	(no other courses)	16
EDUC 488 Issues in Education.....	3		
HUMA 301 Civilization and the Arts.....	3		
HUMA 303 Christianity and Civilization.....	3		
SCIC 202 Life Science.....	<u>4</u>		
	17		

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