

# 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 2023  
(REVISED 03-31-2023)

Name: \_\_\_\_\_

ID# \_\_\_\_\_

Year of Anticipated Graduation: \_\_\_\_\_

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

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

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS

General Education + Elective Requirements----- 26 HOURS

GENERAL EDUCATION REQUIREMENTS----- 24 HOURS

		Cr.	Sem. Taken	Grade
<b>HUMANITIES CORE----- 15 HOURS</b>				

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.

WRITING REQUIREMENT----- 3 HOURS

WRIT 101	Found. of Academic Discourse (IL)	3	_____	_____
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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	_____	_____
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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 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	_____	_____
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QUANTITATIVE/LOGICAL REASONING----- 0 HOURS

College requirements met through major-related coursework.

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

College requirements met through major-related coursework.

PHYSICAL EDUCATION----- 1 HOURS

PHYE 100	Healthful Living	1	_____	_____
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GENERAL ELECTIVES----- 2 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; PSYC 102; SEDU 102, 103

Major Requirements-----102 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----- 24 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 **AND**

PHYS 102 General Physics II

**OR**

PHYS 121 College Physics I **AND**

PHYS 122 College Physics II

_____	4	_____	_____
_____	4	_____	_____

PROFESSIONAL EDUCATION REQUIREMENTS----- 40 HOURS

EDUC 202 <sup>^</sup>	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	_____	_____

<sup>^</sup> 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
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>3</u>
	16		18

## 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
PSYC 102 Educational Psychology.....	3	EDUC 204 Technologies of Instruction.....	3
MATH 261 Calculus III.....	<u>4</u>	EDUC 371 Field Experience (Secondary)^.....	1
	16	HUMA 200 Western Civilization.....	<u>3</u>
		^ EDUC 215 and 371 must be taken together	15

## 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
CHEM 402 Tech. in Chem. Classroom/Lab Instruction....	2	SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1
EDUC 203 Culturally Relevant Pedagogy.....	3	HUMA 202 Civilization and Literature.....	3
EDUC 317 Secondary Math/Scic Curriculum & Instructor	2	Foundations of Social Science Course.....	3
EDUC 375 Secondary Field Experience (3rd Level).....	<u>1</u>	SSFT Course.....	<u>2</u>
	16		15

## 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>
EDUC 488 Issues in Education.....	3	(no other courses)	16
HUMA 301 Civilization and the Arts.....	3		
HUMA 303 Christianity and Civilization.....	3		
SCIC 202 Life Science.....	4		
General Electives.....	<u>2</u>		
	16		

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