

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 Chemistry and Secondary Education
Certification
Entering in 2017
(REVISED 05-08-17)**

(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-----CHEM; EDUC; PSYC 102; SEDU 101

Major Requirements-----102 HOURS

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

GENERAL EDUCATION REQUIREMENTS----- 25 HOURS

CHEMISTRY CORE REQUIREMENTS----- 38 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	_____

	Cr.	Sem. Taken	Grade
CHEM 101	General Chemistry I	4	_____
CHEM 102	General Chemistry II	4	_____
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	_____

*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	_____

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	_____

FOUNDATIONS OF THE SOCIAL SCIENCES----- 3 HOURS

Choose one social science course from the following:

ECON 120	Foundations of Economics		
HIST 120	Foundations of History		
HIST 204	Hist/Phil Foundations of Education		
POLS 101	Foundations of Political Science		
PSYC 101	Foundations of Psychology		
PSYC 200	Cross-Cultural Psychology		
SOCI 101	Foundations of Sociology		
SOCI 103	Foundations of Cultural Anthropology		
SOCW 101	Foundations of Social Work		
		3	_____

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	Foundations of Teaching	3	_____
EDUC 203	Culturally Relevant Pedagogy	3	_____
EDUC 204	Technologies of Instruction	3	_____
EDUC 305	Basic Principles of Curriculum & Instruction	3	_____
EDUC 309	Field Exp./Methods of Teaching Science	2	_____
EDUC 371	Field Experience	1	_____
EDUC 431	Student Teaching	16	_____
EDUC 488	Issues in Education/Comparative Education	3	_____
PSYC 102	Educational Psychology	3	_____
SEDU 101	Exceptional Learners	3	_____

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----- 2 HOURS

PHYE 101 (men) / 111 (women)	1	_____
PHYE 102 (men) / 112 (women)	1	_____

GENERAL ELECTIVES----- 1 HOUR

**SUGGESTED 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 101 General Chemistry I.....	4	CHEM 102 General Chemistry II.....	4
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
PHYS 121 College Physics I*.....	4	PHYS 122 College Physics II*.....	4
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
Physical Education 101 (men)/111 (women).....	<u>1</u>	Physical Education 102 (men)/112 (women).....	<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 202 Foundations of Teaching.....	3
PSYC 102 Educational Psychology.....	3	HUMA 200 Western Civilization.....	3
General Elective.....	1	EDUC 204 Technologies of Instruction.....	3
MATH 261 Calculus III.....	<u>4</u>	EDUC 371 Field Experience (Secondary).....	<u>1</u>
	17		16

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	EDUC 305 Curriculum & Instruction.....	3
EDUC 203 Culturally Relevant Pedagogy.....	3	EDUC 309 Field Experience/Methods of Teaching Science....	2
HUMA 202 Civilization and Literature.....	3	HUMA 303 Christianity and Civilization.....	3
SSFT Course.....	<u>2</u>	SEDU 101 Exceptional Learners.....	<u>3</u>
	16		15

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
CHEM 402 Tech. in Chem. Classroom/Lab Instruction....	2	EDUC 431 Student Teaching.....	<u>16</u>
CHEM 488 Chemistry Seminar.....	1	(no other courses)	16
EDUC 488 Issues in Education/Comparative Education...3			
HUMA 301 Civilization and the Arts.....	3		
Foundations of Social Science Course.....	3		
SCIC 202 Life Science.....	<u>4</u>		
	16		

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

*Students choosing to take PHYS 101 and 102 for their physics requirement should check with his/her advisor for schedule planning.