

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 General Science
 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----- 133 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; GEOL 201; PSYC 102; SEDU 101;
 ASTR 206, 207; SCIC 202, 204

General Education + Elective Requirements----- 25 HOURS

Major Requirements-----108 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	_____	_____
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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	_____	_____
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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----- 2 HOURS

PHYE 101 (men) / 111 (women)	1	_____	_____
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PHYE 102 (men) / 112 (women)	1	_____	_____
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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 Gen. Physics I or PHYS 121 College Physics I 4 _____

PHYS 102 Gen. Physics II or PHYS 122 College Physics II 4 _____

ASTR 206 Intro to Sky Motions and Planets **OR**

ASTR 207 Intro to Stars, Galaxies, and Cosmology

_____ 3 _____

GEOL 201 Physical / Environmental Geology **OR**

SCIC 204 Environmental Science

_____ 3-4 _____

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 Secondary Field Experience - 1st Level 1 _____

EDUC 431 Student Teaching, Secondary 16 _____

EDUC 488 Issues in Education/Comparative Education 3 _____

PSYC 102 Educational Psychology 3 _____

SEDU 101 Exceptional Learners 3 _____

GENERAL ELECTIVES----- 0 HOURS

Suggested additional courses: BIOL 101 General Biology I

SUGGESTED 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 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
EDUC 371 Field Experience (Secondary).....	1	EDUC 204 Technologies of Instruction.....	3
MATH 261 Calculus III.....	<u>4</u>	SSFT Course *.....	<u>2</u>
	17		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	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	GEOG 201 Geology or SCIC 204.....	3
HUMA 301 Civilization and the Arts *.....	<u>3</u>	HUMA 303 Christianity and Civilization.....	3
	17	SEDU 101 Exceptional Learners.....	<u>3</u>
			18

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
ASTR 206 Introduction to Sky Motions and Planets.....	3	EDUC 431 Student Teaching.....	<u>16</u>
CHEM 402 Tech. in Chem. Classroom/Lab Instruction....	2	(no other courses)	16
CHEM 488 Chemistry Seminar.....	1		
EDUC 488 Issues in Education/Comparative Education... 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.