

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 Physics and General Science Secondary Education Certification Entering in 2022

(REVISED 05-04-2022)

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-----ASTR; PHYS; EDUC; PSYC 102; SEDU 102, 103

Major Requirements-----97-98 HOURS

General Education + Elective Requirements----- 30-31 HOURS

GENERAL EDUCATION REQUIREMENTS----- 24 HOURS

HUMANITIES CORE----- 15 HOURS

	Cr.	Sem. Taken	Grade
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	_____	_____
--	---	-------	-------

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	_____	_____
--	---	-------	-------

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	_____	_____
--	---	-------	-------

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	_____	_____
---------------------------	---	-------	-------

GENERAL ELECTIVES----- 6-7 HOURS

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PHYSICS CORE REQUIREMENTS----- 26 HOURS

	Cr.	Sem. Taken	Grade
ASTR 207 Introduction to Stars, Galaxies, Cosmology	3	_____	_____
PHYS 101 General Physics I - Engineering	4	_____	_____
PHYS 102 General Physics II - Engineering	4	_____	_____
PHYS 135 Horizons in Physics	1	_____	_____
PHYS 210 Electronics	4	_____	_____
PHYS 234 Modern Physics	3	_____	_____
PHYS 288 Intermediate Laboratory (WI)	2	_____	_____
PHYS 321 Radiation Laboratory (SI) (IL)	2	_____	_____
PHYS 486 Physics Education Seminar	3	_____	_____

TECHNICAL CORE REQUIREMENTS-----26-27 HOURS

CHEM 105 Chemistry for Engineers	4	_____	_____
COMP 141 Computer Programming I	3	_____	_____
MATH 161 Calculus I	4	_____	_____
MATH 162 Calculus II	4	_____	_____
MATH 261 Calculus III	4	_____	_____
BIOL 101 General Biology I OR			
SCIC 202 Life Science	4	_____	_____
GEOL 201 Physical and Environmental Geology OR			
SCIC 204 Environmental Science	3-4	_____	_____

TECHNICAL ELECTIVES----- 6 HOURS

Choose six hours from any 300-level ASTR courses; BIOL 102; CHEM 112 and 114; any COMP course

numbered 215 or higher (excluding COMP 260/360/460, 270/370/470, 290/390, 480, and 488); MATH 262;

MECE 211, 212, 214; PHYS 242, 303, 305, 310, 340, 421, 431, or any additional courses approved by the

Dept. Chair. A maximum of three hours from PHYS 270, 370, and 470 may also count toward this requirement.

PROFESSIONAL EDUCATION REQUIREMENTS----- 40 HOURS

EDUC 202 ^A Introduction to the Teaching Profession	3	_____	_____
EDUC 203 Culturally Relevant Pedagogy	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	_____	_____

^A 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
PHYSICS and GENERAL SCIENCE SECONDARY EDUCATION CERTIFICATION

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
PHYS 101 General Physics I.....	4	PHYS 102 General Physics II.....	4
PHYS 135 Horizons in Physics.....	1	COMP 141 Computer Programming I.....	3
MATH 161 Calculus I.....	4	MATH 162 Calculus II.....	4
PSYC 102 Educational Psychology.....	3	WRIT 101 Foundations of Academic Discourse.....	3
HUMA 102 Civ and the Biblical Revelation.....	3	SSFT Course.....	<u>2</u>
PHYE 100 Healthful Living.....	<u>1</u>		16
	16		

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
EDUC 202 Introduction to the Teaching Profession.....	3	PHYS 288 Intermediate Laboratory.....	2
EDUC 204 Technologies of Instruction.....	3	PHYS 234 Modern Physics.....	3
MATH 261 Calculus III.....	4	PHYS 242* Introduction to Theoretical Physics.....	3
HUMA 200 Western Civilization.....	3	ASTR 207 Introduction to Stars, Galaxies, & Cosmology.....	3
HUMA 202 Civilization and Literature.....	<u>3</u>	EDUC 203 Culturally Relevant Pedagogy.....	3
	16	EDUC 215 Secondary Curriculum & Instruction.....	2
		EDUC 371 Secondary Field Experience - 1st Level.....	<u>1</u>
			16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 101 General Biology I <u>or</u> SCIC 202 Life Science....	4	PHYS 321 Radiation Laboratory.....	2
CHEM 105 Chemistry for Engineers.....	4	PHYS 486 Physics Education Seminar.....	3
EDUC 317 Secondary Math/Scic Curriculum & Instructor	2	GEOL 201 Phys./Env. Geology <u>or</u> SCIC 204 Env. Science....	3-4
EDUC 375 Secondary Field Experience (3rd Level).....	1	SEDU 102 Exceptional Learners for 7-12 & K-12.....	2
Foundations of Social Science Course.....	3	SEDU 103 Methods of Sec. Spec. Educ. Implementation.....	1
General Elective.....	<u>2</u>	HUMA 301 Civilization and the Arts.....	3
	16	General Electives.....	<u>2-3</u>
			16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
PHYS 210 Electronics.....	4	EDUC 450 Student Teaching.....	<u>16</u>
Technical Elective.....	3		16
EDUC 488 Issues in Education.....	3		
HUMA 303 Christianity and Civilization.....	3		
General Elective.....	<u>2</u>		
	15		

* Recommended Technical Elective.