

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 2029
(REVISED 02-24-2025)

Name: _____
ID# _____
Year of Anticipated Graduation: _____

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	29-30 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; SEDU 102, 103
Major Requirements-----	98-99 HOURS

GENERAL EDUCATION REQUIREMENTS-----	26 HOURS
HUMANITIES CORE-----	18 HOURS
	Cr. Sem. Taken Grade
HUMA 100 The Humanities: Christian Wisdom	1 _____
HUMA 200 Western Civilization	3 _____
HUMA 202 Civilization and Literature	3 _____
HUMA 204 Civilization and the Arts	3 _____
HUMA 261 Scripture & Theology for the Chr. Life I	3 _____
HUMA 271 Scripture & Theology for the Chr. Life II	3 _____
HUMA 300 Gospel & the Good Life: Christian Ethics	2 _____

WRITING REQUIREMENT-----	3 HOURS
WRIT 101 Found. of Academic Discourse (WI/IL)	3 _____

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 204 Historical & Phil. Found. of Education	SOCW 101 Foundations of Social Work
POLS 101 Foundations of Political Science	SOCI 101 Foundations of Sociology
	SOCI 103 Found. of Cultural Anthr.
	3 _____

NATURAL SCIENCE (with lab)/ QUANTITATIVE/LOGICAL REASONING----	0 HOURS
(1) Natural Science with lab	4 (Met through major)
(2) Quantitative/Logical Reasoning	3-4 (Met through major)
(3) Third course in Natural Science, Quantitative or Logical Reasoning	3-4 (Met through major)

STUDIES IN SCIENCE, FAITH, & TECHNOLOGY -----	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 _____

GENERAL ELECTIVES-----	3-4 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 OR	
ELEE 201 Linear Circuits I & ELEE 251 Lab Skills & Prototyping	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 499); MATH 262; MECE 211, 212, 214; PHYS 242, 303, 305, 310, 340, 421, 431, 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 102 Educational Psychology	3 _____
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 271 Field Experience	1 _____
EDUC 375 Secondary Field Experience (3rd Level)	1 _____
EDUC 450 Student Teaching (SI)	16 _____
EDUC 488 Issues in Education (WI/SI/IL)	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 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
EDUC 102 Educational Psychology.....	3	Writing Requirement or HUMA Course.....	3
HUMA 100 The Humanities: Christian Wisdom.....	1	HUMA Course	3
Writing Requirement or HUMA Course.....	<u>3</u>		17
	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 Course	3	ASTR 207 Introduction to Stars, Galaxies, & Cosmology.....	3
SSFT Course.....	<u>2</u>	EDUC 203 Culturally Relevant Pedagogy.....	3
	15	EDUC 215 Secondary Curriculum & Instruction^.....	2
		EDUC 271 Secondary Field Experience - 1st Level^.....	<u>1</u>
		^ EDUC 215 and 271 must be taken together	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
HUMA Course	<u>3</u>	HUMA Course	3
	17	General Electives.....	<u>2-3</u>
			16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
PHYS 210 or ELEE 201 & 251.....	4	EDUC 450 Student Teaching.....	<u>16</u>
Technical Elective.....	3		16
EDUC 488 Issues in Education.....	3		
HUMA 300 Gospel and the Good Life: Christian Ethics....	2		
General Elective.....	<u>3</u>		
	15		

* Recommended Technical Elective.