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 Secondary Education Certification
Entering in 2026

(REVISED 03-16-2026)

Name: _____
ID# _____ **Date:** _____
Year of Anticipated Graduation: _____ **Advisor:** _____

TOTAL HOURS REQUIRED FOR THIS DEGREE---------- 142-144 HOURS

General Education + Elective Requirements---------- 26 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
Major Requirements----------116-118 HOURS

GENERAL EDUCATION REQUIREMENTS---------- 26 HOURS

		Cr.	Sem. Taken	Grade
HUMANITIES CORE---------- 18 HOURS				
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 212	Science, Faith, Technology, & Origins

2 _____ _____

GENERAL ELECTIVES---------- 0 HOURS

TECHNICAL ELECTIVES---------- 6-8 HOURS

Choose 6 to 8 hours from ASTR 310; any BIOL courses; CHEM 112 and 114; any CHEM course 141 or higher; any COMP courses (excluding 141, 155, and 205); any DSCI course; any engineering courses (excluding ENGR 156, 402, 482, or ELEE 201, 251); any MATH course 300 or higher; or any ROBO course (excluding all 190, 260, 270, 290, 360, 370, 390, 460, 470, and 490 courses from BIOL, CHEM, COMP, DSCI, ENGR, MATH, and ROBO). PHYS 270, 370, 470, PHYS 486; any additional course approved by the Dept. Chair. A maximum of three hours from PHYS 270, 370, and 470 may also count toward this requirement.

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PHYSICS CORE REQUIREMENTS---------- 32 HOURS

		Cr.	Sem. Taken	Grade
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 (IL)	4		
PHYS 234	Modern Physics	3		
PHYS 288	Intermediate Laboratory (WI)	2		
PHYS 303	Mechanics I	3		
PHYS 305	Electricity and Magnetism	3		
PHYS 321	Radiation Laboratory (SI/IL)	2		
PHYS 431	Quantum Mechanics	3		
ASTR 207	Introduction to Stars, Galaxies, & Cosmology	3		

PHYSICS ELECTIVES---------- 12 HOURS

Choose 4 of the following 7 courses:

PHYS 304 Mechanics II, PHYS 310 Optics, PHYS 340 Thermodynamics & Statistical Mechanics, PHYS 401 Radiation & Health Physics or PHYS 402 Medical Imaging & Diagnostic Physics, PHYS 421 Advanced Topics, or PHYS 442 Computational Methods in Physics.

_____	3		
_____	3		
_____	3		
_____	3		

TECHNICAL CORE REQUIREMENTS (Science, Math, etc.)---------- 26 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		
MATH 262	Differential Equations	3		
MATH 263	Numerical Differential Equations	1		
PHYS 242	Introduction to Theoretical Physics	3		
PROFESSIONAL EDUCATION REQUIREMENTS---------- 40 HOURS				
EDUC 102	Educational Psychology	3		
EDUC 202^	Introduction to the Teaching Profession (IL)	3		
EDUC 203	Social Issues/Perspectives in Education	3		
EDUC 204	Professionalism, Ethics, & Tech of Ed	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 SECONDARY EDUCATION CERTIFICATION

Freshman Year

Fall	Credits	Spring	Credits
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	EDUC 202 Introduction to the Teaching Profession	3
HUMA 100 The Humanities: Christian Wisdom	1	Writing Requirement or HUMA Course	3
Writing Requirement or HUMA Course	3		17
	16		

Sophomore Year

Fall	Credits	Spring	Credits
CHEM 105 Chemistry for Engineers	4	HUMA Course	3
EDUC 203 Social Issues/Perspectives in Ed	3	PHYS 242 Introduction to Theoretical Physics	3
EDUC 204 Professionalism, Ethics, & Tech of Ed	3	PHYS 288 Intermediate Laboratory	2
MATH 261 Calculus III	4	ASTR 207 Introduction to Stars, Galaxies, & Cosmology	3
PHYS 234 Modern Physics	3	HUMA Course	3
	17	EDUC 215 Secondary Curriculum & Instruction^	2
		EDUC 271 Field Experience (Secondary)^	1
		^ EDUC 215 and 271 must be taken together	17

Non-traditional Term

HUMA Course 3

Junior Year

Fall	Credits	Spring	Credits
PHYS 210 or ELEE 201 & 251	4	PHYS 431 Quantum Mechanics	3
PHYS 303 Mechanics I	3	Physics Electives	6
PHYS 305 Electricity and Magnetism	3	Technical Elective	3
Technical Elective	3-4	SEDU 102 Exceptional Learners for 7-12 & K-12	2
EDUC 317 Secondary Math/Scic Curriculum & Instructior	2	SEDU 103 Methods of Sec. Spec. Educ. Implementation	1
EDUC 375 Secondary Field Experience (3rd Level)	1	Foundations of Social Science Course	3
SSFT Course	2		18
	18-19*		

Non-traditional Term

HUMA Course 3

Senior Year

Fall	Credits	Spring	Credits
EDUC 450 Student Teaching	16	PHYS 321 Radiation Laboratory	2
	16	Physics Electives	6
		MATH 262 Differential Equations	3
		MATH 263 Numerical Differential Equations	1
		EDUC 488 Issues in Education	3
		HUMA 300 Gospel and the Good Life: Christian Ethics	2
			17

* additional charges are incurred for credit hours exceeding 18- see Bulletin for details