## **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 2024

(REVISED 04-12-2024)

Vear of Δnt				Date:					
Year of Anticipated Graduation:					Advisor:				
TOTAL HOUR	S REQUIRED FOR THIS DEGREE	1	40-142 HOURS		PA and MQPA required for graduation				
					As required for certification				
				MQPA Course	es		ASTR	R; PHYS	
General Education + Elective Requirements24 HOURS					Major Requirements		116-118 HOURS		
GENERAL ED	UCATION REQUIREMENTS		24 HOURS	PHYSICS COI	RE REQUIREMENTS			- 32 HOURS	
		Cr. Sem. Taken	Grade			Cr.	Sem. Taken	Grade	
HUMANITIES	S CORE		15 HOURS	PHYS 101	General Physics I - Engineering	4			
HUMA 102	Civ and the Biblical Revelation (IL)*	3		PHYS 102	General Physics II - Engineering	4			
HUMA 200	Western Civilization	3		PHYS 135	Horizons in Physics	1			
HUMA 202	Civilization and Literature	3		PHYS 210	Electronics <u>OR</u>				
HUMA 301	Civilization and the Arts	3		ELEE 201	Linear Circuits I & ELEE 251 Lab Skills & Prototyping	4			
HUMA 303	Christianity and Civilization	3		PHYS 234	Modern Physics	3			
*The year-	-long sequence of RELI 211 and 212 ma	y substitute for this cou	rse.	PHYS 288	Intermediate Laboratory (WI)	2			
				PHYS 303	Mechanics I	3			
	EQUIREMENT			PHYS 305	Electricity and Magnetism	3			
WRIT 101	Found. of Academic Discourse (WI/IL	.) 3		PHYS 321	Radiation Laboratory (SI/IL)	2			
				PHYS 431	Quantum Mechanics	3			
	SCIENCE, FAITH, & TECHNOLOGY (S	6SFT)	2 HOURS	ASTR 207	Introduction to Stars, Galaxies, & Cosmology ECTIVES	3			
Choose one course from the following:								12 HOURS	
	SFT 205 Ethics, Faith, and the Conscio				the following 7 courses:				
PHIL 243	Science and the Human: Inquiry, Des	sign, & the Person			Mechanics II, PHYS 310 Optics, PHYS 340 Then	•			
SSFT 210	Science & Religion				PHYS 401 Radiation & Health Physics or PHYS			•	
SSFT 212	Science, Faith, Technology, & Origins	S		Physics, PH	YS 421 Advanced Topics, or PHYS 442 Compu	tationa	I Methods in Phy	ysics.	
		_ 2				3			
						3			
FOUNDATIO	ONS OF THE SOCIAL SCIENCES		2 HOLIDS						
Choose one			3 HOUKS			3			
	course from the following:		3 HOURS			3 3			
ECON 120	course from the following: Foundations of Economics	PSYC 101 Found. of				-			
ECON 120 HIST 120	· ·	PSYC 101 Found. of PSYC 200 Cross-Cu	Psychology	TECHNICAL (	CORE REQUIREMENTS (Science, Math, etc.)-	3			
	Foundations of Economics		Psychology Itural Psychology	TECHNICAL (	CORE REQUIREMENTS (Science, Math, etc.)- Chemistry for Engineers	3			
HIST 120	Foundations of Economics Foundations of History	PSYC 200 Cross-Cu	Psychology Itural Psychology ns of Sociology			3		26 HOURS	
HIST 120 HIST 141	Foundations of Economics Foundations of History World Geography	PSYC 200 Cross-Cu SOCI 101 Foundatio	F Psychology Itural Psychology ns of Sociology Cultural Anthr.	CHEM 105	Chemistry for Engineers	3		26 HOURS	
HIST 120 HIST 141 HIST 204	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of	F Psychology Itural Psychology ns of Sociology Cultural Anthr.	CHEM 105 COMP 141	Chemistry for Engineers Computer Programming I	3		26 HOURS	
HIST 120 HIST 141 HIST 204	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o	F Psychology Itural Psychology ns of Sociology Cultural Anthr.	CHEM 105 COMP 141 MATH 161	Chemistry for Engineers Computer Programming I Calculus I	3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162	Chemistry for Engineers Computer Programming I Calculus I Calculus II	3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III	3 4 3 4 4 4		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations	3 4 3 4 4 4		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101 QUANTITAT College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations	3 4 3 4 4 4 4 3 1		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics	3 4 3 4 4 4 4 3 1		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs)	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3	f Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242 PROFESSION	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS	3 4 3 4 4 4 4 3 1 3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs)	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3	f Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242 PROFESSION EDUC 102	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS	3 4 3 4 4 4 3 1 3		40 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs)	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3	f Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS Educational Psychology Introduction to the Teaching Profession (IL)	3 4 3 4 4 4 3 1 3 3 3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi NATURAL S College requi	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. c 3	f Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202 <sup>A</sup> EDUC 203	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS————————————————————————————————————	3 4 3 4 4 4 4 3 1 3 3 3 3 3 3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour IVENCES (with labs) irements met through major-related cour EDUCATION Healthful Living	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.	f Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS 1 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS————————————————————————————————————	3 4 3 4 4 4 4 3 1 3 3 3 3 3 3 3		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.	f Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS 1 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 262 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204 EDUC 215	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS———— Educational Psychology Introduction to the Teaching Profession (IL) Culturally Relevant Pedagogy (IL) Technologies of Instruction Secondary Curriculum & Instruction I	3 4 3 4 4 4 4 3 1 3 3 3 3 3 3 2		40 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E TECHNICAL	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour  EDUCATION Healthful Living	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.	F Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS 1 HOURS 1 HOURS 0 HOURS 0 HOURS 0 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204 EDUC 215 EDUC 317	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS————————————————————————————————————	3 4 3 4 4 4 4 3 1 3 3 3 3 3 3 2		40 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E TECHNICAL Choose six to e	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour  EDUCATION Healthful Living  ELECTIVES	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.	F Psychology Itural Psychology ns of Sociology Cultural Anthr. of Social Work 0 HOURS 1 HOURS 0 HOURS 0 HOURS 1 HOURS 1 HOURS 1 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204 EDUC 215 EDUC 317 EDUC 371	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS Educational Psychology Introduction to the Teaching Profession (IL) Culturally Relevant Pedagogy (IL) Technologies of Instruction Secondary Curriculum & Instruction I Secondary Math/Scic Curriculum & Instruc II Field Experience	3 4 3 4 4 4 4 3 1 3 3 3 3 3 3 2		40 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E TECHNICAL Choose six to e 222, 244, 246, 2	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour  EDUCATION Healthful Living  ELECTIVES	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.  1 CHEM 112 and 114; CHEM cept ENGR 156, 210, 402, 4	F Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work  0 HOURS  1 HOURS  1 HOURS  0 HOURS  0 HOURS  1 HOURS	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204 EDUC 215 EDUC 317 EDUC 371 EDUC 375	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS Educational Psychology Introduction to the Teaching Profession (IL) Culturally Relevant Pedagogy (IL) Technologies of Instruction Secondary Curriculum & Instruction I Secondary Math/Scic Curriculum & Instruc II Field Experience Secondary Field Experience (3rd Level)	3 4 3 4 4 4 3 1 3 3 3 3 3 2 2 1		40 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E TECHNICAL Choose six to e 222, 244, 246, 2 251); any MATE	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour  EDUCATION Healthful Living  ILECTIVES	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.  1 CHEM 112 and 114; CHEM coept ENGR 156, 210, 402, diditional course approved by	F Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work  0 HOURS  1 HOURS  1 HOURS  6-8 HOURS  1 345; COMP 220, or ELEE 201, or the Dept.	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 203 EDUC 204 EDUC 215 EDUC 371 EDUC 375 EDUC 450	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS Educational Psychology Introduction to the Teaching Profession (IL) Culturally Relevant Pedagogy (IL) Technologies of Instruction Secondary Curriculum & Instruction I Secondary Math/Scic Curriculum & Instruc II Field Experience Secondary Field Experience (3rd Level) Student Teaching (SI)	3 4 3 4 4 4 4 3 1 3 3 3 3 3 2 2 1 1 1 1 1		26 HOURS	
HIST 120 HIST 141 HIST 204 POLS 101  QUANTITAT College requi  NATURAL S College requi  PHYSICAL E PHYE 100  GENERAL E TECHNICAL Choose six to e 222, 244, 246, 2 251); any MATH	Foundations of Economics Foundations of History World Geography Hist/Phil Foundations of Education Foundations of Political Science  IVE/LOGICAL REASONING irements met through major-related cour  CIENCES (with labs) irements met through major-related cour  EDUCATION Healthful Living  ELECTIVES	PSYC 200 Cross-Cu SOCI 101 Foundatio SOCI 103 Found. of SOCW 101 Found. o 3 sework.  1 CHEM 112 and 114; CHEM coept ENGR 156, 210, 402, diditional course approved by	F Psychology Iltural Psychology ns of Sociology Cultural Anthr. of Social Work  0 HOURS  1 HOURS  1 HOURS  6-8 HOURS  1 345; COMP 220, or ELEE 201, or the Dept.	CHEM 105 COMP 141 MATH 161 MATH 162 MATH 261 MATH 263 PHYS 242 PROFESSION EDUC 102 EDUC 202^ EDUC 202^ EDUC 203 EDUC 204 EDUC 215 EDUC 317 EDUC 371 EDUC 375 EDUC 450 EDUC 488	Chemistry for Engineers Computer Programming I Calculus I Calculus II Calculus III Differential Equations Numerical Differential Equations Introduction to Theoretical Physics IAL EDUCATION REQUIREMENTS————————————————————————————————————	3 4 3 4 4 4 4 3 1 3 3 3 3 3 2 2 1 1 1 1 1 1 1 1 1 1 1		40 HOURS	

## SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN PHYSICS and SECONDARY EDUCATION CERTIFICATION

## Freshman Year

	Fres	shman 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	EDUC 202 Introduction to the Teaching Profession	3
HUMA 102 Civ and the Biblical Revelation	3	WRIT 101 Foundations of Academic Discourse	<u>3</u>
PHYE 100 Healthful Living	<u>1</u>		17
	16		
	Sopl	nomore Year	
<u>Fall</u>	Credits	Spring	Credits
CHEM 105 Chemistry for Engineers	4	PHYS 234 Modern Physics	3
EDUC 203 Culturally Relevant Pedagogy		PHYS 242 Introduction to Theoretical Physics	
EDUC 204 Technologies of Instruction		PHYS 288 Intermediate Laboratory	
MATH 261 Calculus III		ASTR 207 Introduction to Stars, Galaxies, & Cosmology	3
HUMA 200 Western Civilization	<u>3</u>	HUMA 301 Civilization and the Arts	
	16	EDUC 215 Secondary Curriculum & Instruction^	2
		EDUC 371 Field Experience (Secondary)^	<u>1</u>
		^ EDUC 215 and 371 must be taken together	17
	Jı	unior Year	
Fall			Credits
<u>Fall</u> PHYS 210 or ELEE 201 & 251	<u>Credits</u>	Spring	<u>Credits</u> 3
Fall PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I	<u>Credits</u> 4	Spring PHYS 431 Quantum Mechanics	3
PHYS 210 or ELEE 201 & 251PHYS 303 Mechanics I	<u>Credits</u> 4 3	Spring PHYS 431 Quantum Mechanics Physics Electives	3 6
PHYS 210 or ELEE 201 & 251	<u>Credits</u> 4 3	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective	3 6 3
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective	<u>Credits</u> 4 3 3	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12	3 6 3
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Institute of the secondary Math/Sci	Credits4333 structior 2	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective	3 6 3 2 1
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective	Credits4333-4 structior 2	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation	3 6 3 2 1
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Insection of the secondary Field Experience (3rd Leve	Credits4333-4 structior 2	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation	3 6 3 2 1
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Insection of the secondary Field Experience (3rd Leve	Credits4333-4 structior 2 el)12 18-19	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course	3 6 3 2 1
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective EDUC 317 Secondary Math/Scic Curriculum & Insection of the State of	Credits4333-4 structior 2 el)12 18-19 Interse	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course	3 6 3 2 1
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective EDUC 317 Secondary Math/Scic Curriculum & Insection of the State of	Credits4333-4 structior 2 el)12 18-19 Interse	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course	3 6 3 2 1
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective EDUC 317 Secondary Math/Scic Curriculum & Insection of the State of	Credits4333-4 structior 2 el)12 18-19 Interse	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course	3 6 3 2 1
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective EDUC 317 Secondary Math/Scic Curriculum & Insection of the State of	Credits4333-4 structior 2 el)12 18-19 Interse	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course  ession Course ation and Literature3  enior Year  Spring	3 6 2 1 3 18
PHYS 210 or ELEE 201 & 251 PHYS 303 Mechanics I PHYS 305 Electricity and Magnetism Technical Elective EDUC 317 Secondary Math/Scic Curriculum & Insection of the secondary Field Experience (3rd Level SSFT Course	Credits	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation. Foundations of Social Science Course  Persion Course Spring PHYS 321 Radiation Laboratory	3213182
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Instead Elective (3rd Level SSFT Course	Credits	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course  Penior Year  Spring PHYS 321 Radiation Laboratory Physics Electives	323 18  Credits26
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Instead Elective (3rd Level SSFT Course	Credits	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation. Foundations of Social Science Course  Persion Course Spring PHYS 321 Radiation Laboratory	323 18  Credits26
PHYS 210 or ELEE 201 & 251  PHYS 303 Mechanics I  PHYS 305 Electricity and Magnetism  Technical Elective  EDUC 317 Secondary Math/Scic Curriculum & Instead Elective (3rd Level SSFT Course	Credits	Spring PHYS 431 Quantum Mechanics Physics Electives Technical Elective SEDU 102 Exceptional Learners for 7-12 & K-12 SEDU 103 Methods of Sec. Spec. Educ. Implementation Foundations of Social Science Course  Penior Year  Spring PHYS 321 Radiation Laboratory Physics Electives	3213 18  Credits261

HUMA 303 Christianity and Civilization.....3