## **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 Biology and General Science Secondary Education Certification Entering in 2022

(REVISED 05-04-2022)

Control   Cont	ID#				- Date:				
Total Hours   Feduration   Copy   C		lisinated Craduation.			_				
Minimum QPAs required oceaning control Education + Elective Requirements	rear or Ant	icipated Graduation:			_				
MORA Course:   Security   Secur	TOTAL HOUR	S REQUIRED FOR THIS DEGREE		128 HOURS					
General Education + Elective Requirements						•			
BIOLOGY CODE REQUIREMENTS									
BIOLOGY CODE REQUIREMENTS	General Educ	ation + Elective Requirements		28 HOURS	Major Require	ements		1	100 HOURS
MILMANTIES CORE	GENERAL EDUC	CATION REQUIREMENTS		27 HOURS					
HIAMA 20									
HIAMA 20	HUMANITIES (	CORE		15 HOURS	BIOL 101	General Biology I	4		
HAMA 202   Colification and the risks   3						•,			
HUMA 33   Collection and the Aris   3							4		
HIMM-33						•	4		
STUDIES IN SCIENCE, PATH, & TECHNOLOGY (SSFT)					DIOL 400	Seminarior biology reachers (WI, SI, IL)	'		-
### NATURAL SCIENCES (with labs)  **PATICAL ELECTIVES***  **NATURAL SCIENCES (with labs)  **PATICAL ELECTIVES***  **NATURAL SCIENCES (with labs)  **PATICAL ELECTIVES***  **NATURAL SCIENCES (with labs)  **OUAPTISCAL ELECTIVES***  **ADAPORE ALECTIVES***  **ADAPORE ALECTIVES***  **ADAPORE ALECTIVES***  **ADAPORE ALECTIVES***  **ADAPORT		· · · · · · · · · · · · · · · · · · ·			BIOLOGY GRO	UP CHOICES			18 HOURS
STUDIES IN SCIENCE, FAITH, & TECHNOLOgy (SSFT)									
STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)					79 1			nclude a	
Biol. 301 Medical Ceretics	WRIT 101	Foundations of Academic Discourse (IL)	3		minimum of three	e 4-credit lab courses.			
Biol. 301 Medical Ceretics	STUDIES IN S	CIENCE FAITH & TECHNOLOGY (SSET)		2 HOLIDS	GPOUP 1 - MC	DI ECHI AD MECHANISMS AND DHYSIOI OGY			
BIOL 302 Developmental Biology				21100110			4		
SSF1210   Science & Railyjon   SSF1212   Science, Faith, Technology, & Origins   2   Science, Faith, Technology, & Origins   3   SIOL 348 Humanhilammalian Physiology   4   Science, Faith, Technology   5   Science, Faith, Technology   6   Science, Faith, Technology   6   Science, Faith, Technology   7   Science, Fait		•	d				4		
SSFT 212   Science, Faith, Technology, 8 Origins   2	PHIL 243	Science and the Human: Inquiry, Design,	& the Person		BIOL	322 The Biology of Cancer*	3		
BIOL 346 HumanNammalian Physiology		<u> </u>				• •	3		
POUNDATIONS OF THE SOCIAL SCIENCES   3 HOURS	SSFT 212	Science, Faith, Technology, & Origins					3		
RGOUP 2 - VERTIERATE SYSTEMS			0			, 0,	4	Craun 1	
FOUNDATIONS OF THE SOCIAL SCIENCES   3 HOURS			_ ′	_		•,	4	Group 1:	
Choose one course from the following:   CON 120   Foundations of Economics   PSYC 101   Foundations of Psychology	FOUNDATION	S OF THE SOCIAL SCIENCES		3 HOURS			4		
HIST 120							3		
HIST 144   World Geography   SOCI 101   Foundations of Sociology   HIST 204   HistiPhia Foundations of Education   SOCI 103   Sociology   Socio	ECON 120	Foundations of Economics	PSYC 101 Foundation	ns of Psychology	BIOL	314 Immunology	3		
HIST 204		· ·		, ,,		•	4	Group 2:	
POLS 101 Foundations of Political Science SOCW 101 Found. of Social Work  3 3  QUANTITATIVE/LOGICAL REASONING				• • • • • • • • • • • • • • • • • • • •					
BIOL 326 Evolutionary Biology   3   Group 3:						•	4		
BIOL 409 Enronalogy* 4 Group 3:  QUANTITATIVELOGICAL REASONING Refer to the Builletin - General Education section - for requirements.  3 3 BIOL 429 Enronalogitos A Wildlife Biology 4 BIOL 329 Incroduction to Geographic Information Science 4 BIOL 331 Ecology Lab 1 BIOL 420 Aguatica fishery Biology* 3 AND BIOL 332 Ecology Lab 1 BIOL 421 Aquatica Rishery Biology* 3 BIOL 421 Aquatica Rishery Biology* 4 BIOL 421 Aquatic	POLS IUI	Foundations of Folitical Science	SOCW IOT Found. Of	Social Work			3		
QUANTITATIVE/LOGICAL REASONING Refer to the Bulletin - General Education section - for requirements.  3 HOURS  Refer to the Bulletin - General Education section - for requirements.  3 HOURS  NATURAL SCIENCES (with labs)—  College requirements met through major-related coursework.  PHYSICAL EDUCATION—  PHYE 100 Healthful Living 1  GENERAL ELECTIVES—  THOURS  CIENCES LOUGH Introduction to Healthful Living 1  THOURS  PROFESSIONAL EDUCATION Healthful Living 1  EDUC 202 Introduction to the Teaching Profession 3  EDUC 203 Culturally Relevant Pedagogy 3  EDUC 201 Technologies of instruction 3  EDUC 203 Technologies of instruction 2  EDUC 217 Secondary Math/Scic Curriculum & Instruction 1  EDUC 317 Secondary Math/Scic Curriculum & Instruction 1  EDUC 317 Secondary Math/Scic Curriculum & Instruction 1  EDUC 450 Student Teaching Profession 3  EDUC 205 Secondary Field Experience C 1  EDUC 317 Secondary Math/Scic Curriculum & Instruction 1  EDUC 450 Student Teaching 1  EDUC 450 Student Teaching 1  EDUC 450 Student Teaching 3  EDUC 450 Student Teaching 1  EDUC 450 Student Teaching 3  EDUC 250 Educational Psychology 3  EDUC 261 Educational Psychology 3  EDUC 262 Educational Psychology 3  EDUC 450 Student Teaching 1  EDUC 450 Stu			3				4	Group 3:	
Refer to the Bulletin - General Education section - for requirements.  3 BIOL 328 Introduction to Geographic Information Science 4 BIOL 331 Ecology 3 AND BIOL 323 Ecology Lab 1 BIOL 403 Basis of Wildlife Behavior * 3 BIOL 421 Aquatic & Fishery Biology * 3 Group 4:  ADDITIONAL GROUP COURSE One course from any of the groups above.  7 ADDITIONAL GROUP COURSE One course from any of the groups above.  9 ADDITIONAL GROUP COURSE One course from any of the groups above.  9 Ciffered alternate years. Schedule accordingly.  1 BIOL 403 Basis of Wildlife Behavior * 3 BIOL 421 Aquatic & Fishery Biology * 3 BIOL 422 Aquatic						•,			
BIOL 331 Ecology 3 AND BIOL 332 Ecology Lab 1 BIOL 432 Basic Foliage (with labs) 1 BIOL 432 Basic Wildlife Behavior * 3 BIOL 421 Aquatic & Fishery Biology * 3 Group 4:  PHYSICAL EDUCATION				3 HOURS		6,7	•		
AND BIOL 332 Ecology Lab 1 BIOL 403 Basis of Wildlife Behavior * 3 BIOL 421 Aquatic & Fishery Biology * 3 Group 4:  PHYSICAL EDUCATION	Refer to the Bui	Iletin - General Education section - for require	ements.			• .			
BIOL 403 Basis of Wildlife Behavior * 3 BIOL 421 Aquatic & Fishery Biology * 3 Group 4:  PHYSICAL EDUCATION————————————————————————————————————						··	3		
NATURAL SCIENCES (with labs) OHOURS College requirements met through major-related coursework.  PHYSICAL EDUCATION 1 Healthful Living 1  GENERAL ELECTIVES 1 HOURS  PROFESSIONAL EDUCATION REQUIREMENTS 40 HOURS  EDUC 202^ Introduction to the Teaching Profession 3  EDUC 203 Culturally Relevant Pedagogy 3  EDUC 204 Technologies of Instruction 3  EDUC 205 Secondary Curriculum & Instruction 1  EDUC 317 Secondary Curriculum & Instruction 1  EDUC 337 Secondary Math/Scic Curriculum & Instruction 1  EDUC 337 Secondary Math/Scic Curriculum & Instruction 1  EDUC 337 Secondary Field Experience 1  EDUC 337 Secondary Field Experience 1  EDUC 337 Secondary Field Experience 1  EDUC 348 Issues in Education/Comparative Education 3  EDUC 488 Issues in Education/Comparative Education 3  EDUC 488 Issues in Education/Comparative Education 3  EDUC 250 Exceptional Learners for 7-12 & K-12  EDUC 350 Secondar Psychology 3  EDUC 251 Secondary Field Experience (3rd Level) 1  EDUC 375 Secondary Field Experience (3rd Level) 1  EDUC 486 Issues in Education/Comparative Education 3  EDUC 487 General Chemistry I Lab 1  EDUC 488 Issues in Education/Comparative Education 3  CHEM 114 General Chemistry II Lab 1  EDUC 488 Issues in Education/Comparative Education 3  CHEM 114 General Chemistry II Lab 1  EDUC 486 Issues in Education/Comparative Education 3  CHEM 114 General Chemistry II Lab 1  EDUC 486 Issues in Education/Comparative Education 3  CHEM 114 General Chemistry II Lab 1  EDUC 486 Issues in Education/Comparative Education 3  CHEM 114 General Chemistry II Lab 1  EDUC 487 Exceptional Learners for 7-12 & K-12  EDUC 380 Educational Psychology 3  EDUC 291 Fundamentals of the Universe OR			_ 3				1		
ADDITIONAL GROUP COURSE One course from any of the groups above.  3-4  **Offered alternate years. Schedule accordingly.  **Offered alternate years. Schedule accordingly.  **Offered alternate years. Schedule accordingly.  **BIOLOGY ELECTIVES	NATURAL CCI	TNOTO (with laba)		A HOURS	_			0 4-	
One course from any of the groups above.  3-4  "Offered alternate years. Schedule accordingly.  BIOLOGY ELECTIVES				U HOURS		·	3	Group 4:	
PHYSICAL EDUCATION————————————————————————————————————	College require	ments met tillough major-related coursework	•				3-4		
BIOLOGY ELECTIVES————————————————————————————————————	PHYSICAL ED	UCATION		1 HOURS		, , ,		Group Elec:	
Choose three hours from any additional Biology offerings. See the College Bulletin for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one credit per semester).  EDUC 202^* Introduction to the Teaching Profession 3  EDUC 203 Culturally Relevant Pedagogy 3  EDUC 204 Technologies of Instruction 3  EDUC 215 Secondary Curriculum & Instruction 1 2  EDUC 317 Secondary Math/Scic Curriculum & Instruct II 2  EDUC 371 Field Experience 1  EDUC 375 Secondary Field Experience (3rd Level) 1  EDUC 450 Student Teaching 16  EDUC 450 Education/Comparative Education 3  EDUC 451 General Chemistry II Lab 1  EDUC 452 Educational Psychology 3  EDUC 453 Educational Psychology 3  EDUC 454 Educational Psychology 3  EDUC 455 Educational Psychology 3  EDUC 456 Educational Psychology 3  EDUC 457 Educational Psychology 3  EDUC 458 Issues in Education/Comparative Education 3  EDUC 450 Educational Psychology 4  EDUC 450 Educational Psychology 5  EDUC 450 Educationa	PHYE 100	Healthful Living	1					'	
PROFESSIONAL EDUCATION REQUIREMENTS————————————————————————————————————									
PROFESSIONAL EDUCATION REQUIREMENTS	GENERAL ELE	ECTIVES		1 HOUR					
EDUC 202^ Introduction to the Teaching Profession 3  EDUC 203 Culturally Relevant Pedagogy 3  EDUC 204 Technologies of Instruction 3  EDUC 215 Secondary Curriculum & Instruction 1 2  EDUC 317 Secondary Math/Scic Curriculum & Instruct II 2  EDUC 371 Field Experience 1 1  EDUC 375 Secondary Field Experience (3rd Level) 1  EDUC 375 Secondary Field Experience (3rd Level) 1  EDUC 450 Student Teaching 16  EDUC 450 Student Teaching 16  EDUC 488 Issues in Education/Comparative Education 3  EDUC 488 Issues in Education/Comparative Education 3  EDUC 486 Educational Psychology 3  SEDU 102 Exceptional Learners for 7-12 & K-12  SEDU 103 Methods of Sec. Spec. Educ Implementation 1  EDUC 450 Scill Fundamentals of the Universe OR					<del>-</del> 1	·	minimum two	-semester commi	tment (one
EDUC 203	PROFESSION	AL EDUCATION REQUIREMENTS		40 HOURS	credit per seme	ester).			
EDUC 204 Technologies of Instruction 3 MAJOR-RELATED REQUIREMENTS 22 HOURS  EDUC 215 Secondary Curriculum & Instruction I 2 ASTR 206 Intro to Sky Motions/Planets OR  EDUC 317 Secondary Math/Scic Curriculum & Instruc II 2 ASTR 207 Intro to Stars/Galaxies/Cosmology 3  EDUC 371 Field Experience 1 CHEM 111 General Chemistry I 3  EDUC 375 Secondary Field Experience (3rd Level) 1 CHEM 113 General Chemistry I Lab 1  EDUC 450 Student Teaching 16 CHEM 112 General Chemistry II 3  EDUC 488 Issues in Education/Comparative Education 3 CHEM 114 General Chemistry II Lab 1  PSYC 102 Educational Psychology 3 GEOL 201 Physical/Environmental Geology 3  SEDU 103 Methods of Sec. Spec. Educ Implementation 1 SCIC 201 Fundamentals of the Universe OR	EDUC 202 <sup>^</sup>	Introduction to the Teaching Profession	3						
EDUC 215 Secondary Curriculum & Instruction I 2 ASTR 206 Intro to Sky Motions/Planets OR  EDUC 317 Secondary Math/Scic Curriculum & Instruc II 2 ASTR 207 Intro to Stars/Galaxies/Cosmology 3  EDUC 371 Field Experience 1 CHEM 111 General Chemistry I 3  EDUC 375 Secondary Field Experience (3rd Level) 1 CHEM 113 General Chemistry I Lab 1  EDUC 450 Student Teaching 16 CHEM 112 General Chemistry II 3  EDUC 488 Issues in Education/Comparative Education 3 CHEM 114 General Chemistry II Lab 1  PSYC 102 Educational Psychology 3 GEOL 201 Physical/Environmental Geology 3  SEDU 102 Exceptional Learners for 7-12 & K-12 2 MATH 161 Calculus I 4  SEDU 103 Methods of Sec. Spec. Educ Implementation 1 SCIC 201 Fundamentals of the Universe OR	EDUC 203	Culturally Relevant Pedagogy	3						
EDUC 317         Secondary Math/Scic Curriculum & Instruc II         2         ASTR 207         Intro to Stars/Galaxies/Cosmology         3           EDUC 371         Field Experience         1         CHEM 111         General Chemistry I         3           EDUC 375         Secondary Field Experience (3rd Level)         1         CHEM 113         General Chemistry I Lab         1           EDUC 450         Student Teaching         16         CHEM 112         General Chemistry II         3           EDUC 488         Issues in Education/Comparative Education         3         CHEM 114         General Chemistry II Lab         1           PSYC 102         Educational Psychology         3         GEOL 201         Physical/Environmental Geology         3           SEDU 102         Exceptional Learners for 7-12 & K-12         2         MATH 161         Calculus I         4           SEDU 103         Methods of Sec. Spec. Educ Implementation         1         SCIC 201         Fundamentals of the Universe OR		<u> </u>							22 HOURS
EDUC 371         Field Experience         1         CHEM 111         General Chemistry I         3           EDUC 375         Secondary Field Experience (3rd Level)         1         CHEM 113         General Chemistry I Lab         1           EDUC 450         Student Teaching         16         CHEM 112         General Chemistry II         3           EDUC 488         Issues in Education/Comparative Education         3         CHEM 114         General Chemistry II Lab         1           PSYC 102         Educational Psychology         3         GEOL 201         Physical/Environmental Geology         3           SEDU 102         Exceptional Learners for 7-12 & K-12         2         MATH 161         Calculus I         4           SEDU 103         Methods of Sec. Spec. Educ Implementation         1         SCIC 201         Fundamentals of the Universe         OR		-				•	•		
EDUC 375         Secondary Field Experience (3rd Level)         1         CHEM 113         General Chemistry I Lab         1           EDUC 450         Student Teaching         16         CHEM 112         General Chemistry II         3           EDUC 488         Issues in Education/Comparative Education         3         CHEM 114         General Chemistry II Lab         1           PSYC 102         Educational Psychology         3         GEOL 201         Physical/Environmental Geology         3           SEDU 102         Exceptional Learners for 7-12 & K-12         2         MATH 161         Calculus I         4           SEDU 103         Methods of Sec. Spec. Educ Implementation         1         SCIC 201         Fundamentals of the Universe         OR		•				<b>.</b>	3		
EDUC 450         Student Teaching         16         CHEM 112         General Chemistry II         3           EDUC 488         Issues in Education/Comparative Education         3         CHEM 114         General Chemistry II Lab         1           PSYC 102         Educational Psychology         3         GEOL 201         Physical/Environmental Geology         3           SEDU 102         Exceptional Learners for 7-12 & K-12         2         MATH 161         Calculus I         4           SEDU 103         Methods of Sec. Spec. Educ Implementation         1         SCIC 201         Fundamentals of the Universe         OR		•	; <del></del>			Ţ.	ა 1		-
EDUC 488 Issues in Education/Comparative Education 3 CHEM 114 General Chemistry II Lab 1  PSYC 102 Educational Psychology 3 GEOL 201 Physical/Environmental Geology 3  SEDU 102 Exceptional Learners for 7-12 & K-12 2 MATH 161 Calculus I 4  SEDU 103 Methods of Sec. Spec. Educ Implementation 1 SCIC 201 Fundamentals of the Universe OR			40			•	3		
PSYC 102 Educational Psychology 3 GEOL 201 Physical/Environmental Geology 3 SEDU 102 Exceptional Learners for 7-12 & K-12 2 MATH 161 Calculus I 4 SEDU 103 Methods of Sec. Spec. Educ Implementation 1 SCIC 201 Fundamentals of the Universe OR		•				•	1		
SEDU 103 Methods of Sec. Spec. Educ Implementation 1 SCIC 201 Fundamentals of the Universe OR	PSYC 102	Educational Psychology			GEOL 201	Physical/Environmental Geology	3		
		•					4		
" Students with EDUC 205 credit must take EDUC 205 to complete the EDUC 202 requirement. PHYS T2T College Physics I 4				inamont			4		
	" Students with	EDUC 200 credit must take EDUC 206 to co	impiete trie EDUC 202 requ	mement.	PHYS 121	College Physics I	4		

# SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN

### BIOLOGY and GENERAL SCIENCE SECONDARY EDUCATION CERTIFICATION

#### Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>					
BIOL 101 General Biology I	4	BIOL 102 General Biology II	4					
CHEM 111 General Chemistry I	3	CHEM 112 General Chemistry II	3					
CHEM 113 General Chemistry I Lab	1	CHEM 114 General Chemistry II Lab	1					
EDUC 202 Introduction to the Teaching Profession		MATH 161 Calculus I						
PHYE 100 Healthful Living		HUMA 102 Civ and the Biblical Revelation	3					
WRIT 101 Foundations of Academic Discourse			15					
	 15							
	Sophomore Year							
<u>Fall</u>	Credits	<u>Spring</u>	<u>Credits</u>					
BIOL 233 Genetics	4	BIOL 234 Cell Biology	4					
PSYC 102 Educational Psychology	3	EDUC 203 Culturally Relevant Pedagogy	3					
EDUC 204 Technologies of Instruction	3	EDUC 215 Secondary Curriculum & Instruction	2					
HUMA 200 Western Civilization	3	EDUC 371 Field Experience (Secondary)	1					
PHYS 121 College Physics I OR		GEOL 201 Physical/Environmental Geology	3					
SCIC 201 Fundamentals of the Universe	<u>4</u>	HUMA 202 Civilization and Literature *	<u>3</u>					
	17		16					
Junior Year								
<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>					
ASTR 206 Introduction to Sky Motions and Planets	3	BIOL Group Course	4					
BIOL Group Course	4	BIOL 486 Seminar for Biology Teachers	1					
BIOL Group Course	3	SEDU 102 Exceptional Learners for 7-12 & K-12	2					
EDUC 317 Secondary Math/Scic Curriculum & Instruction	or 2	SEDU 103 Methods of Sec. Spec. Educ. Implementation	1					
EDUC 375 Secondary Field Experience (3rd Level)	1	Foundations of Social Science Course	3					
HUMA 301 Civilization and the Arts *	3	HUMA 303 Christianity and Civilization	3					
General Elective	<u>1</u>	SSFT Course *	<u>2</u>					
	17		16					
	Seni	or Year						
<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>					
BIOL Group Course	4	EDUC 431 Student Teaching	<u>16</u>					
BIOL Group Course	3	(no other courses)	16					
BIOL Elective	3							
EDUC 488 Issues in Education/Comparative Education 3								
Quantitative/Logical Reasoning Course (e.g. PSYC 201	). <u>3</u>							
	16							

Consult with your advisor regarding specific courses and course load per semester.

The above schedule is a suggested plan only; please note that there is some flexibility in scheduling certain courses. The student must consult with his/her advisor each semester regarding course selection and planning.

<sup>\*</sup> Courses typically offered during January and May Intersessions.