



Beech tree (*Fagus grandiflora*) leaves on GCC campus
Photo: S. Jenkins



BIOLOGY

FALL 2020

Department of Biology

Greetings,

The Biology Department warmly welcomes you as you visit Grove City College today. We are very excited that you want to find out what our Biology program has to offer!

It is our goal that your study of Biology at GCC will connect you with your world and your future.

- Our program is designed to **connect you with your professional goals**. Whether graduate study, health professions careers, secondary education, or other employment, our graduates are highly sought after as people who are exceptionally motivated workers and are competent in their academic field.
- Our curriculum **connects you with the science of biology**. We incorporate current biological topics and the latest technologies through lectures, seminars, laboratories, independent research projects, and internships. We continually review the curriculum to keep up to date with developments in the various sub-disciplines of biology. Many of our majors conduct research under the guidance of our faculty, and the research topics reflect the interests and expertise of our faculty.
- Our faculty approach their jobs with the intention of **connecting you with a worshipful study of living things**. We each have a vision of biology informed by a personal relationship with our Creator God through His Son Jesus Christ. Whatever the organism or process, and whether in the classroom, lab, or field, we know from Scripture that the focus of our study tells of its Creator. We view ourselves as privileged to honor God as we study and discover more of Him through His creation.

Please see the following pages in this brochure to learn more about who we are and what we do. You will find sections devoted to:

1. Brief faculty profiles
2. Our department's mission statement, and a brief overview of how we fulfill our mission.
3. Status sheets: details in condensed form of our five degree programs.

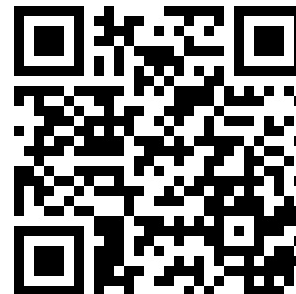
We also encourage you to visit our Facebook page (use a QR reader app on your smartphone to scan the QR code below), and to always feel welcome to call or email any of us directly with questions you may have. We hope you find the information presented today useful as you continue your college search.

Sincerely,

The Grove City College Biology Department

<http://www.gcc.edu/Home/Academics/Majors-Departments/Science-Engineering-Mathematics/Biology>

Visit our FaceBook page!



Department of Biology

Below are brief profiles of the full-time **Biology faculty**. You can find out more about us, including contact information, at our Department's website: <http://www.gcc.edu/Home/Academics/Majors-Departments/Science-Engineering-Mathematics/Biology>



Lisa M. Antoszewski, Ph. D., is in her 7th year of teaching at Grove City College. She teaches Genetics, Developmental Biology, Biology of Cancer, Biology Seminar, Contemporary Topics in Biology, Life Science, and a variety of labs for other courses. Dr. Antoszewski's research projects investigate the development of the kidney in the zebrafish, *Danio rerio*.



Jan Frederic Dudd, Ph.D., teaches General Biology II, Plant Taxonomy, Evolutionary Biology, and Studies in Science, Faith and Technology (a college-wide required course). Dr. Dudd has carried out research on the American chestnut tree, and on the efficacious qualities of phytochemicals. Dr. Dudd also explores the interface of science and Christianity, viewing the implications of science from a perspective that gives high regard to Christian Biblical insights.



Dr. Tracy Farone, DVM teaches Anatomy, Physiology, Introduction to Pathology, Introduction to Biology Health, Histology, Zoonotic Disease & Public Health, and The Biology of Diving (she is a master SCUBA diver). She is currently developing a research project involving an on-campus apiary garden focusing on honey bee and pollinator health. She also participates in pre-health advising and organizes a travel course to the Crow Indian Reservation, which focuses on student-led public health projects.



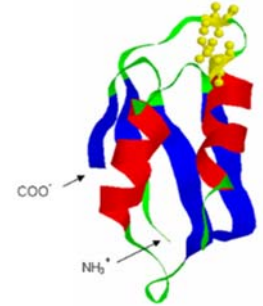
Stephen P. Jenkins, Ph.D., in his 29th year at Grove City College, teaches Entomology, Invertebrate Zoology, Environmental Science, and a variety of other classes and labs. His introduction to biology as a child was through insects, and today he has research programs investigating the behavior of slave-making ants and their host species.



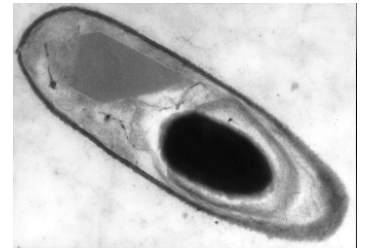
Department of Biology



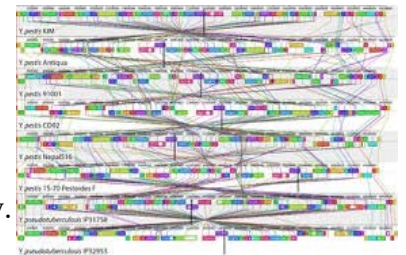
Kristina O. Pazehoski, Ph. D., is in her 10th year at Grove City College. She teaches General Biology I, Cell Biology, Biochemistry for Biology, and Biology Seminar. Her research projects focus on the roles that metals and metalloproteins play in biological systems.



Devin Stauff, Ph. D., is in his 10th year at Grove City College. He teaches Cell Biology, Microbiology, Immunology, Advanced Genetics, Contemporary Topics in Biology, Biology Seminar, and Life Science. His research is focused on understanding how pathogenic bacteria sense their environment and regulate their behavior accordingly.



Brian Yowler, Ph. D., is in his 2nd year at Grove City College. He teaches Genetics, Virology, Medical Genetics, Life Science, and Biology Seminar. His current research involves comparative genomics of genes expressed in the venom of parasitoid wasps, as well as genes involved in the insulin-signaling pathway.



Darren M. Wood, Ph.D. is in his 1st year at Grove City College. He teaches Ecology, Basis of Wildlife Behavior, Conservation and Wildlife Biology, and Fisheries and Aquatic Biology. His research is focused on the movement of both aquatic and terrestrial species across the landscape.





Department of Biology

BIOLOGY DEPARTMENT MISSION STATEMENT:

The mission of the Department of Biology is to provide a quality education from a distinctly Christian perspective that will prepare men and women for the 21st century. This perspective has the practical effect of attracting outstanding students and faculty, thus perpetuating a learning climate centered on truth and excellence. The curriculum seeks to develop academic competency and professional awareness, to encourage meaningful interaction between the biological sciences and other dimensions of life, and to promote life-long learning skills in problem solving, research, and communication. Writing-intensive, speaking-intensive, and information literacy skills are developed by special assignments in core and seminar courses.

IMPLEMENTATION:

In our effort to fulfill our mission, the Biology department currently offers five degree programs:

- Bachelor of Science in Biology (shorthand BIOL) is a general-purpose, well-rounded major designed to expose students to the broad range of sub-disciplines within the field of Biology, yet retain flexibility so that students can plan their course selection to meet their individual needs and desires.
- B.S. in Biology with General Science/Secondary Education Certification (BGSE) is a full BIOL major but with added courses to prepare students for certification to teach at public middle and high schools.
- B.S. in Biology/Health (BIOH) is tailored to students who are seeking careers in medicine or other health fields. The coursework is heavy in preparatory classes to train those interested in becoming doctors, physician assistants, veterinarians, dentists, nurses and other health care professionals.
- B.S. in Conservation Biology (CBIO) is a specialized major for students interested in careers in wildlife and natural resource management, or graduate study in the ecological, environmental, organismal or field sciences.
- B.S. in Molecular Biology (MBIO) is designed for students who want to pursue biotech careers, or who are looking to do research or graduate study in biochemical, molecular, genetic or cellular biology-related fields.

For your convenience, the following pages contain ‘Status Sheets’ that lay out the requirements (and a four-year suggested course plan) for our five degree programs.

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 Entering in 2020

(REVISED 03-01-2020)

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

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	77 HOURS

Minimum CQPA and MQPA required for graduation-----	2.00
MQPA Courses-----	BIOL
Major Requirements-----	51 HOURS

GENERAL EDUCATION REQUIREMENTS-----				27 HOURS
		Cr.	Sem. Taken	Grade
HUMANITIES CORE-----				15 HOURS
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-----	3 HOURS
Refer to the <i>Bulletin</i> - General Education section - for requirements.	
PSYC 201 Statistical Methods is recommended for this requirement.	
	3

NATURAL SCIENCES (with labs)-----	0 HOURS
College requirements met through major-related coursework.	

PHYSICAL EDUCATION-----		1 HOURS
PHYE 100	Healthful Living	1

GENERAL ELECTIVES-----	50 HOURS

BIOLOGY CORE REQUIREMENTS-----			17 HOURS	
		Cr.	Sem. Taken	Grade
BIOL 101	General Biology I	4	<div></div>	<div></div>
BIOL 102	General Biology II	4	<div></div>	<div></div>
BIOL 233	Genetics	4	<div></div>	<div></div>
BIOL 234	Cell Biology	4	<div></div>	<div></div>
BIOL 488	Seminar in Biology (WI, SI, IL)	1	<div></div>	<div></div>

BIOLOGY GROUP CHOICES-----	18 HOURS
Choose one course from <i>each</i> of the following groups, as well as an additional course from any group to reach a minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.	

GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY			
BIOL 301 Advanced Genetics *	4		
BIOL 302 Developmental Biology *	4		
BIOL 322 The Biology of Cancer*	3		
BIOL 325 Virology *	3	Group 1:	
BIOL 334 Biochemistry for Biology	3		
BIOL 346 Human/Mammalian Physiology	4		
BIOL 407 Microbiology	4		

GROUP 2 - VERTEBRATE SYSTEMS			
BIOL 310 Zoonotic Disease and Public Health	4		
BIOL 313 Histology	3		
BIOL 314 Immunology	3	Group 2:	
BIOL 341 Human/Mammalian Anatomy	4		

GROUP 3 - NATURAL HISTORY			
BIOL 305 Plant Taxonomy	4		
BIOL 323 Invertebrate Zoology *	3		
BIOL 326 Evolutionary Biology	3	Group 3:	
BIOL 409 Entomology *	4		

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY			
BIOL 320 Conservation & Wildlife Biology	4		
BIOL 331 Ecology	4		
BIOL 403 Basis of Wildlife Behavior *	3	Group 4:	
BIOL 421 Aquatic & Fishery Biology *	3		

ADDITIONAL GROUP COURSE			
One course from any of the groups above.	3-4	Group Elec:	
*Offered alternate years. Schedule accordingly.			

BIOLOGY ELECTIVES-----	4 HOURS
Choose four hours from any additional Biology offerings. See the College <i>Bulletin</i> for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one credit per semester).	

MAJOR-RELATED REQUIREMENTS-----			12 HOURS
CHEM 111/113 General Chemistry I/Lab	3+1	_____	_____
CHEM 112/114 General Chemistry II/Lab	3+1	_____	_____
MATH 161 Calculus I	4	_____	_____

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

** Please note that there is considerable flexibility in semesters 5-8 **

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
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
PHYE 100 Healthful Living.....	1	MATH 161 Calculus I.....	4
General Electives*.....	<u>4</u>	General Elective.....	<u>1</u>
	16		16

* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning Course (e.g. PSYC 201).....	3
General Electives.....	<u>8</u>	General Electives.....	<u>6</u>
	17		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	4	Biology Group Course.....	4
Biology Elective.....	1	Biology Elective.....	1
HUMA 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	3
General Electives.....	<u>8</u>	General Electives.....	<u>8</u>
	16		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	3	BIOL 488 Biology Seminar.....	1
Biology Group Course.....	4	Biology Group Elective Course.....	3
Biology Elective.....	1	Biology Elective.....	1
Foundations of Social Science Course.....	3	General Electives.....	<u>10</u>
General Electives.....	<u>5</u>		15
	16		

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

A total of at least 128 credits of coursework are required for graduation.

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 2020

(REVISED 03-01-2020)

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS

General Education + Elective Requirements----- 27 HOURS

GENERAL EDUCATION REQUIREMENTS----- 27 HOURS

		Cr.	Sem. Taken	Grade
HUMANITIES CORE----- 15 HOURS				
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	Foundations of Academic Discourse (IL)	3	_____	_____
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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----- 3 HOURS

Refer to the *Bulletin* - General Education section - for requirements.

		3	_____	_____
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NATURAL SCIENCES (with labs)----- 0 HOURS

College requirements met through major-related coursework

PHYSICAL EDUCATION----- 1 HOURS

PHYE 100	Healthful Living	1	_____	_____
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GENERAL ELECTIVES----- 0 HOURS

PROFESSIONAL EDUCATION REQUIREMENTS----- 41 HOURS

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 I	2	_____	_____
EDUC 317	Secondary Math/Scie Curriculum & Instruc II	2	_____	_____
EDUC 371	Field Experience	1	_____	_____
EDUC 375	Secondary Field Experience (3rd Level)	1	_____	_____
EDUC 431	Student Teaching	16	_____	_____
EDUC 488	Issues in Education/Comparative Education	3	_____	_____
PSYC 102	Educational Psychology	3	_____	_____
SEDU 102	Exceptional Learners for 7-12 & K-12	2	_____	_____
SEDU 103	Methods of Sec. Spec. Educ Implementation	2	_____	_____

^ Students with EDUC 205 credit must take EDUC 206 to complete the EDUC 202 requirement

Minimum CQPA and MQPA required for graduation-----2.00

Minimum QPAs required for certification-----CQPA 3.00; MQPA 2.75

MQPA Courses-----BIOL

Major Requirements-----101 HOURS

BIOLOGY CORE REQUIREMENTS----- 17 HOURS

		Cr.	Sem. Taken	Grade
BIOL 101	General Biology I	4	_____	_____
BIOL 102	General Biology II	4	_____	_____
BIOL 233	Genetics	4	_____	_____
BIOL 234	Cell Biology	4	_____	_____
BIOL 486	Seminar for Biology Teachers (WI, SI, IL)	1	_____	_____

BIOLOGY GROUP CHOICES----- 18 HOURS

Choose one course from *each* of the following groups, as well as an additional course from any group to reach a minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.

GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY

BIOL 301	Advanced Genetics *	4		
BIOL 302	Developmental Biology *	4		
BIOL 322	The Biology of Cancer*	3		
BIOL 325	Virology *	3	Group 1: _____	
BIOL 334	Biochemistry for Biology	3		
BIOL 346	Human/Mammalian Physiology	4		
BIOL 407	Microbiology	4		

GROUP 2 - VERTEBRATE SYSTEMS

BIOL 310	Zoonotic Disease and Public Health	4		
BIOL 313	Histology	3		
BIOL 314	Immunology	3	Group 2: _____	
BIOL 341	Human/Mammalian Anatomy	4		

GROUP 3 - NATURAL HISTORY

BIOL 305	Plant Taxonomy	4		
BIOL 323	Invertebrate Zoology *	3		
BIOL 326	Evolutionary Biology	3	Group 3: _____	
BIOL 409	Entomology *	4		

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

BIOL 320	Conservation & Wildlife Biology	4		
BIOL 331	Ecology	4		
BIOL 403	Basis of Wildlife Behavior *	3	Group 4: _____	
BIOL 421	Aquatic & Fishery Biology *	3		

ADDITIONAL GROUP COURSE

One course from any of the groups above	3-4	Group Elec: _____		
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*Offered alternate years. Schedule accordingly.

BIOLOGY ELECTIVES----- 3 HOURS

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).

MAJOR-RELATED REQUIREMENTS----- 22 HOURS

ASTR 206	Intro to Sky Motions/Planets <i>OR</i>			
ASTR 207	Intro to Stars/Galaxies/Cosmology	3	_____	_____
CHEM 111	General Chemistry I	3	_____	_____
CHEM 113	General Chemistry I Lab	1	_____	_____
CHEM 112	General Chemistry II	3	_____	_____
CHEM 114	General Chemistry II Lab	1	_____	_____
GEOL 201	Physical/Environmental Geology	3	_____	_____
MATH 161	Calculus I	4	_____	_____
SCIC 201	Fundamentals of the Universe <i>OR</i>			
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
MATH 161 Calculus I.....	4	HUMA 102 Civ and the Biblical Revelation.....	3
WRIT 101 Foundations of Academic Discourse.....	<u>3</u>	PSYC 102 Educational Psychology.....	3
	15	PHYE 100 Healthful Living.....	<u>1</u>
			15

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
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.....	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	EDUC 317 Secondary Math/Scic Curriculum & Instruction II...	2
SEDU 102 Exceptional Learners for 7-12 & K-12.....	2	EDUC 375 Secondary Field Experience (3rd Level).....	1
SEDU 103 Methods of Sec. Spec. Educ. Implementation.	2	Foundations of Social Science Course.....	3
HUMA 301 Civilization and the Arts *.....	<u>3</u>	HUMA 303 Christianity and Civilization.....	3
	17	SSFT Course *.....	<u>2</u>
			16

Senior 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.

* Courses typically offered during January and May Intersessions.

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.

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 / Health Entering in 2020

(REVISED 03-01-2020)

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS

General Education + Elective Requirements----- 54 HOURS

GENERAL EDUCATION REQUIREMENTS----- 21 HOURS

Cr. Sem. Taken Grade

HUMANITIES CORE----- 15 HOURS

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	Civ and the Speculative Mind	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	_____	_____
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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----- 0 HOURS

College requirements met through major-related coursework.

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	_____	_____
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GENERAL ELECTIVES----- 33 HOURS

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

Minimum CQPA and MQPA required for graduation-----2.00

MQPA Courses-----BIOL

Major Requirements-----74 HOURS

BIOLOGY CORE REQUIREMENTS----- 17 HOURS

Cr. Sem. Taken Grade

BIOL 101	General Biology I	4	_____	_____
BIOL 102	General Biology II	4	_____	_____
BIOL 233	Genetics	4	_____	_____
BIOL 234	Cell Biology	4	_____	_____
BIOL 488	Seminar in Biology (WI, SI, IL)	1	_____	_____

HEALTH GROUP 1----- 15 HOURS

BIOL 334	Biochemistry for Biology	3	_____	_____
BIOL 341	Human/Mammalian Anatomy	4	_____	_____
BIOL 346	Human/Mammalian Physiology	4	_____	_____
BIOL 407	Microbiology	4	_____	_____

HEALTH GROUP 2: Complete two of the following courses----- 6-7 HOURS

BIOL 310	Zoonotic Disease and Public Health	4	_____	_____
BIOL 313	Histology	3	_____	_____
BIOL 314	Immunology	3	_____	_____
BIOL 322	The Biology of Cancer*	3	_____	_____
BIOL 325	Virology *	3	_____	_____

*Offered alternate years. Schedule accordingly.

BIOLOGY ELECTIVES----- 9-10 HOURS

Choose nine to ten 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).

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

MAJOR-RELATED REQUIREMENTS----- 26 HOURS

CHEM 111	General Chemistry I	3	_____	_____
CHEM 113	General Chemistry I Lab	1	_____	_____
CHEM 112	General Chemistry II	3	_____	_____
CHEM 114	General Chemistry II Lab	1	_____	_____
CHEM 241	Organic Chemistry I **	4	_____	_____
MATH 161	Calculus I **	4	_____	_____
PHYS 121	College Physics I **	4	_____	_____
PSYC 201	Statistical Methods	3	_____	_____

Choose one course from the following:

PSYC 101	Foundations of Psychology	_____	_____	_____
SOCI 101	Foundations of Sociology	3	_____	_____

** Some allied health programs may require additional organic chemistry, physics, and/or calculus.

Review in advance the prerequisite requirements of the programs that interest you.

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN BIOLOGY / HEALTH

** Please note that there is considerable flexibility in semesters 5-8 **

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
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
PHYE 100 Healthful Living.....	1	MATH 161 Calculus I.....	4
General Electives*.....	<u>4</u>	General Elective.....	<u>1</u>
	16		16

* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
CHEM 241 Organic Chemistry I.....	4	HUMA 202 Civilization and Literature.....	3
HUMA 200 Western Civilization.....	3	PSYC 201 Statistical Methods.....	3
SSFT Course.....	2	General Electives.....	<u>6</u>
Social Science Course - PSYC 101 or SOCI 101.....	<u>3</u>		16
	16		

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 407 Microbiology.....	4	BIOL 334 Biochemistry for Biology.....	3
PHYS 121 College Physics I.....	4	Health Group 2 Elective.....	3
HUMA 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	3
General Electives.....	<u>5</u>	General Electives.....	<u>7</u>
	16		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 341 Human/Mammalian Anatomy.....	4	BIOL 346 Human/Mammalian Physiology.....	4
Health Group 2 Elective.....	3	BIOL 488 Biology Seminar.....	1
Biology Elective.....	3	Biology Elective.....	3
Biology Elective.....	4	General Electives.....	<u>7</u>
General Electives.....	<u>3</u>		15
	17		

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

A total of at least 128 credits of coursework are required for graduation.

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 Conservation Biology Entering in 2020

(REVISED 03-01-2020)

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

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	57 HOURS

Minimum CQPA and MQPA required for graduation-----	2.00
MQPA Courses-----	BIOL
Major Requirements-----	71 HOURS

GENERAL EDUCATION REQUIREMENTS-----			27 HOURS	
		Cr.	Sem. Taken	Grade
HUMANITIES CORE-----			15 HOURS	
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-----	3 HOURS
Refer to the <i>Bulletin</i> - General Education section - for requirements.	
PSYC 201 Statistical Methods is recommended for this requirement.	
	3

NATURAL SCIENCES (with labs)-----	0 HOURS
College requirements met through major-related coursework.	

PHYSICAL EDUCATION-----	1 HOURS
PHYE 100 Healthful Living	1 _____ _____

GENERAL ELECTIVES-----	30 HOURS

BIOLOGY CORE REQUIREMENTS-----	17 HOURS
	Cr. Sem. Taken Grade
BIOL 101 General Biology I	4 _____ _____
BIOL 102 General Biology II	4 _____ _____
BIOL 233 Genetics	4 _____ _____
BIOL 234 Cell Biology	4 _____ _____
BIOL 488 Seminar in Biology (WI, SI, IL)	1 _____ _____

CONSERVATION GROUP 1-----	15 HOURS
BIOL 305 Plant Taxonomy	4 _____ _____
BIOL 320 Conservation & Wildlife Biology	4 _____ _____
BIOL 326 Evolutionary Biology	3 _____ _____
BIOL 331 Ecology	4 _____ _____

CONSERVATION GROUP 2: Complete three of the following:-----			9-10 HOURS	
BIOL 323	Invertebrate Zoology *	3	_____	_____
BIOL 403	Basis of Wildlife Behavior *	3	_____	_____
BIOL 409	Entomology *	4	_____	_____
BIOL 421	Aquatic & Fishery Biology *	3	_____	_____
*Offered alternate years. Schedule accordingly.				

BIOLOGY ELECTIVES-----	13-14 HOURS
Choose thirteen to fourteen hours from any additional Biology offerings. See the College <i>Bulletin</i> for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one-credit per semester).	
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MAJOR-RELATED REQUIREMENTS-----	16 HOURS
CHEM 111 General Chemistry I	3 _____ _____
CHEM 113 General Chemistry I Lab	1 _____ _____
CHEM 112 General Chemistry II	3 _____ _____
CHEM 114 General Chemistry II Lab	1 _____ _____
MATH 161 Calculus I	4 _____ _____
SCIC 204 Environmental Science	4 _____ _____

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN CONSERVATION BIOLOGY

** Please note that there is considerable flexibility in semesters 5-8 **

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
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
PHYE 100 Healthful Living.....	1	MATH 161 Calculus I.....	4
General Electives*.....	<u>4</u>	General Elective.....	<u>1</u>
	16		16

* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning Course (e.g. PSYC 201).....	3
General Electives.....	8	General Electives.....	<u>6</u>
	17		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 331 Ecology.....	4	BIOL 320 Conservation / Wildlife Biology.....	4
Conservation Group 2 Elective.....	3	BIOL 326 Evolutionary Biology.....	3
Conservation Group 2 Elective.....	3	HUMA 303 Christianity and Civilization.....	3
HUMA 301 Civilization and the Arts.....	3	SCIC 204 Environmental Science.....	4
General Electives.....	<u>3</u>	General Electives.....	<u>2</u>
	16		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 305 Plant Taxonomy.....	4	BIOL 488 Biology Seminar.....	1
Conservation Group 2 Elective.....	3	Biology Electives.....	8
Biology Electives.....	6	General Electives.....	<u>6</u>
Foundations of Social Science Course.....	<u>3</u>		15
	16		

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

A total of at least 128 credits of coursework are required for graduation.

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 Molecular Biology Entering in 2020

(REVISED 03-01-2020)

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

Date: _____
Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE-----	128 HOURS
General Education + Elective Requirements-----	57 HOURS

Minimum CQPA and MQPA required for graduation-----	2.00
MQPA Courses-----	BIOL
Major Requirements-----	71 HOURS

GENERAL EDUCATION REQUIREMENTS----- 27 HOURS

		Cr.	Sem. Taken	Grade
HUMANITIES CORE----- 15 HOURS				
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----- 3 HOURS				
Refer to the <i>Bulletin</i> - General Education section - for requirements.				
		3	_____	_____

NATURAL SCIENCES (with labs)----- 0 HOURS				
College requirements met through major-related coursework.				
PHYSICAL EDUCATION----- 1 HOURS				
PHYE 100	Healthful Living	1	_____	_____

GENERAL ELECTIVES----- 30 HOURS				
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____

BIOLOGY CORE REQUIREMENTS----- 17 HOURS

		Cr.	Sem. Taken	Grade
BIOL 101	General Biology I	4	_____	_____
BIOL 102	General Biology II	4	_____	_____
BIOL 233	Genetics	4	_____	_____
BIOL 234	Cell Biology	4	_____	_____
BIOL 488	Seminar in Biology (WI, SI, IL)	1	_____	_____

MOLECULAR GROUP 1----- 12 HOURS				
BIOL 301	Advanced Genetics *	4	_____	_____
BIOL 302	Developmental Biology *	4	_____	_____
BIOL 407	Microbiology	4	_____	_____

MOLECULAR GROUP 2: Complete one of the following courses----- 3 HOURS				
BIOL 314	Immunology	3	_____	_____
BIOL 322	The Biology of Cancer*	3	_____	_____
BIOL 325	Virology *	3	_____	_____
*Offered alternate years. Schedule accordingly.				

BIOLOGY ELECTIVES----- 11 HOURS				
Choose eleven hours from any additional Biology offerings. See the College <i>Bulletin</i> for Biology offerings not listed above. Note: Independent or honors research requires a minimum two-semester commitment (one-credit per semester).				
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____
_____			_____	_____

MAJOR-RELATED REQUIREMENTS----- 28 HOURS				
CHEM 111	General Chemistry I	3	_____	_____
CHEM 113	General Chemistry I Lab	1	_____	_____
CHEM 112	General Chemistry II	3	_____	_____
CHEM 114	General Chemistry II Lab	1	_____	_____
CHEM 241	Organic Chemistry I	4	_____	_____
CHEM 242	Organic Chemistry II	4	_____	_____
CHEM 351	Biochemistry I	4	_____	_____
CHEM 352	Biochemistry II	4	_____	_____
MATH 161	Calculus I	4	_____	_____

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN MOLECULAR BIOLOGY

** Please note that there is considerable flexibility in semesters 5-8 **

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
WRIT 101 Foundations of Academic Discourse.....	3	HUMA 102 Civ and the Biblical Revelation.....	3
PHYE 100 Healthful Living.....	1	MATH 161 Calculus I.....	4
General Electives*.....	<u>4</u>	General Elective.....	<u>1</u>
	16		16

* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
CHEM 241 Organic Chemistry I.....	4	CHEM 242 Organic Chemistry II.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning course (e.g. PSYC 201).....	<u>3</u>
Foundations of Social Science.....	<u>3</u>		14
	16		

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 301 Advanced Genetics.....	4	BIOL 302 Developmental Biology.....	4
Molecular Group 2 Elective or Biology Elective.....	3	Biology Elective or Molecular Group 2 Elective.....	3
CHEM 351 Biochemistry I.....	4	CHEM 352 Biochemistry II.....	4
HUMA 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	3
General Electives.....	<u>2</u>	General Electives.....	<u>3</u>
	16		17

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 407 Microbiology.....	4	BIOL 488 Biology Seminar.....	1
Biology Elective.....	3	Biology Elective.....	3
Biology Elective.....	1	Biology Elective.....	1
General Electives.....	<u>9</u>	General Electives.....	<u>11</u>
	17		16

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

A total of at least 128 credits of coursework are required for graduation.



GROVE CITY COLLEGE

ESTABLISHED 1876 • PENNSYLVANIA

Early Acceptance, Accelerated & Guaranteed Interview Programs

Grove City College offers guaranteed, early acceptance and/or accelerated programs to several professional schools. The College also has agreements for unlimited professional interviews at various schools dependent upon meeting minimum admission requirements. In addition to these programs, Carnegie Mellon University's H. John Heinz III College offers scholarships support to qualified Grove City College alumni who are accepted into one of their graduate programs.

The College has established relationships with the following professional programs:

Early Acceptance

Definition: *Students apply early to a professional program and are admitted provided they continue to satisfy specified criteria.*

- **Lake Erie College of Osteopathic Medicine (LECOM)** – Early acceptance for D.O., Dentistry, and Pharmacy

Guaranteed Admission

Definition: *Students are guaranteed admission if they meet specified criteria.*

- **Chatham University:** Doctor of Physical Therapy, Master of Occupational Therapy, Master of Physician Assistant Studies
- **Clarion University:** Master of Science in Athletic Training
- **Duquesne University School of Nursing:** Second Degree BSN – 3+1 and 4+1 options
- **Liberty University:** Master of Public Health
- **Slippery Rock University:** Master of Science in Athletic Training
- **University of Pittsburgh School of Nursing:** One-Year Accelerated Nursing Degree

Guaranteed Interviews

Definition: *Qualified students are guaranteed an interview for admission.*

- **Liberty University College of Osteopathic Medicine:** D.O.
- **Mount Union University:** Doctor of Physical Therapy
- **Campbell University:** D.O. (Also reserves two seats yearly for students to attend a freshman mission trip)
- **West Virginia University School of Medicine:** M.D.

Guaranteed Consideration

- **Baylor University:** Doctor of Physical Therapy

Department of Biology

Reasons to be excited about studying Biology at Grove City College:

Acceptances

- Last year, our 2020 graduates were accepted to the following professional schools:
 - Wake Forest University School of Medicine
 - Texas Christian University School of Medicine
 - Quillen College of Medicine at East Tennessee State University
 - LECOM
 - Campbell University School of Osteopathic Medicine
 - Liberty University School of Osteopathic Medicine
 - West Virginia School of Osteopathic Medicine
 - West Virginia University School of Medicine
 - University of Pittsburgh School of Nursing
 - Arcadia University (Physical Therapy)
 - Gannon University (Occupational Therapy)
 - Slippery Rock University (Occupational Therapy)
 - St. Louis University (Bioinformatics)
 - Ferris State University (Optometry)
 - Indiana University (Optometry)
 - Salus University (Optometry)

Research

- Dr. Tracy Farone and her research team (Deidra Ressler '21, Katerina Bailey '21, Maura Ashley '21, and Alliefair Scalise '22) have made great strides in the development of Grove City College's apiary. The garden they planted last spring is now a certified "Pollinator Friendly Garden" by Penn State University. Additionally, even though the summer in Western, PA was dry, the bees in the GCC apiary are producing honey that will be harvested this fall. Perhaps you can stop by the bookstore the next time you visit campus and purchase some honey to take home! All proceeds will continue to support the apiary, including the research opportunities it provides for GCC students.

If you would like to learn more about GCC's apiary, please check out the following website:

<https://www.pabeevet.com/>



Photo Credit: D. Ressler '21