

Applied Science & Sustainability (Compassion Track)

The Applied Science and Sustainability program is designed for students who wish to prepare for graduate school or professional work in areas relating to the environment, conservation, or field research. Students in this program experience a wide array of classes in the life and physical sciences, as well as numerous field and laboratory opportunities.

The Applied Science and Sustainability major provides students with a marketable 4-year degree for non-medically related professions. Also, students are prepared to attend graduate school in areas relating to the environment, conservation, or field research.

Suggested Course Sequencing: Recommend 15 – 18 semester hours;
however, attending summer school will reduce semester hours.

Freshman year

Semester 1	Cr
BIOL 200 General Biology	4
CHEM 110 Chem for Health Sci	4
MATH 129 PreCalc Algebra	3
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
EXER 101 Lifetime Health Awareness	1
	16

Semester 2	Cr
BIOL 201 Zoology	4
GSCI 111 Geology	4
BIBL 115 Old Testament Literature	3
CPSC 101 Introduction to Personal Computing	3
ENGL 111 Composition	3
	17

Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
GSCI 115 Physical Science	4
BIBL 116 New Testament Literature	3
Historical Inquiry Option	3
Reading and Imagination Option	3
	17

Semester 2	Cr
ENVR 377 Environmental Chemistry	4
BIOL 131 World Ag Systems	3
ENGL 341 Technical Writing	3
MATH 210 Statistics	3
Elective	3
	16

Junior year

Semester 1	Cr
ENVR 342 Ecology	4
BIOL 448 Applied Sustainability	4
Electives	8
	16

Semester 2	Cr
BIBL 360-370 Book Study	3
FIN 138 Personal Finance	3
Elective	7
	13

Senior year

Semester 1	Cr
ENVR 343 Environmental Biology	4
ENVR 496 Senior Seminar	1
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
PSYC 138 Psychology of Healthy Relationships	3
Elective	3
	17

Semester 2	Cr
Humanities Option	3
ICST 350 Global Connections	3
THEO 320 Pentecost	3
Electives	6
	15

Total minimum to graduate 124
and must include at least 36 upper division credits

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel.

The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.

Department of Natural and Applied Sciences - Evangel University - 1111 N. Glenstone Ave - Springfield, MO 65802

Name: _____

Date: _____

Advisor: _____

Applied Science and Sustainability: Compassion Track

University Writing Proficiency and Placement Information

Writing Proficiency earned by . . . circle one: ENGL 111 ACT/SAT/CLT (Score:) AP CLEP IB

ACT English ≥ 26 or SAT Writing/Language (W/L) ≥ 33, CLT Writing/Grammar (W/G) ≥ 32: Student is proficient. Enroll in Effective Communication option. Refer to each term's "Core Options" document for available choices.

If transfer student has ENGL 111 composition only, enroll in a 200-level Effective Communication course.

If transfer student has a 200-level (or above) composition course, check for Speech course. If no Speech listed, enroll in COMM 211.

If transfer student has a 200-level composition course AND a Speech course, he or she is proficient.

If student has no test scores, enroll in ENGL 102.

ACT English = 24-25, SAT W/L 31-32, CLT W/G 30-31: take Writing Step-Up Exam in first semester.

ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3	Wellness Proficiency	Cr	<input checked="" type="checkbox"/>
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2	EXER 101 Lifetime Health Awareness	1	
ACT English ≤ 15, SAT W/L ≤ 22, CLT W/G ≤ 18: ENGL 100	1			

Core Curriculum Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1		ENGL 341 Technical Writing	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics	3	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
BIBL 360 - 370 Book Study (WPR)*	3		Behavioral and Social Sciences Option*	3	
THEO 320 Pentecost	3		Humanities Option*	3	
ICST 350 Global Connections*	3		Healthy Relationships: PSYC 138 (Preferred) or 112	3	
Natural Science without Lab Option*	3	NA	Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science with Lab Option*	4	NA	Reading and Imagination: ENGL 123*	3	
*Refer to each term's "Core Options" document for available choices.			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236		
WPR = Writing Proficiency Required: ENGL 111 or ACT English ≥ 26			If student has ENGL 201 in transfer, enroll in COMM 211.		

Major Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 131 World Ag Systems	3		GSCI 111 Geology with lab	4	
BIOL 200 General Biology	4		GSCI 115 Physical Science with lab	4	
BIOL 201 Zoology	4		CHEM 110 Chemistry for the Health Sciences w/lab	4	
BIOL 202 Botany	4		MATH 129 PreCalc Algebra	3	
BIOL 298/498 Internship	3		CPSC 101 Personal Computing	3	
BIOL 448 Applied Sustainability	4		Choose one:		
ENVR 342 Ecology	4		THEO 325 Theology of Compassion	3	
ENVR 343 Environmental Biology	4		NBUS 323 Intro Social Enterprise	3	
ENVR 377 Environmental Chemistry	4		ICST 111 Intro to Intercult Ministries	3	
ENVR 496 Senior Seminar	1		Principles of Relief and Development	3	
Minimum total credits to graduate				124	

*Refer to each term's advising handbook for options

Revised FA20

WPR = Writing Proficiency Required

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