

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 124 Intermediate 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
CHEM 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
BIOL 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
BIOL 343 Environmental Biology	4
BIOL 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

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	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	ENGL 341 Technical Writing	3	<input type="checkbox"/>
BIBL 111 Essential Christianity	3	<input type="checkbox"/>	MATH 210 Statistics	3	<input type="checkbox"/>
BIBL 115 Old Testament Literature	3	<input type="checkbox"/>	Historical Inquiry Option*	3	<input type="checkbox"/>
BIBL 116 New Testament Literature	3	<input type="checkbox"/>	Artistic Expression Option*	3	<input type="checkbox"/>
BIBL 360 - 370 Book Study (WPR)*	3	<input type="checkbox"/>	Behavioral and Social Sciences Option*	3	<input type="checkbox"/>
THEO 320 Pentecost	3	<input type="checkbox"/>	Humanities Option*	3	<input type="checkbox"/>
ICST 350 Global Connections*	3	<input type="checkbox"/>	Healthy Relationships: PSYC 138 (Preferred) or 112	3	<input type="checkbox"/>
Natural Science without Lab Option*	3	NA	Christian Stewardship: FIN 138 Personal Finance	3	<input type="checkbox"/>
Natural Science with Lab Option*	4	NA	Reading and Imagination: ENGL 123*	3	<input type="checkbox"/>
*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	<input checked="" type="checkbox"/>	GSCI 111 Geology with lab	4	<input type="checkbox"/>
BIOL 200 General Biology	4	<input type="checkbox"/>	GSCI 115 Physical Science with lab	4	<input type="checkbox"/>
BIOL 201 Zoology	4	<input type="checkbox"/>	CHEM 110 Chemistry for the Health Sciences w/lab	4	<input type="checkbox"/>
BIOL 202 Botany	4	<input type="checkbox"/>	MATH 124 Intermediate Algebra	3	<input type="checkbox"/>
BIOL 298/498 Internship	3	<input type="checkbox"/>	CPSC 101 Personal Computing	3	<input type="checkbox"/>
BIOL 342 Ecology	4	<input type="checkbox"/>	Choose one:		<input type="checkbox"/>
BIOL 343 Environmental Biology	4	<input type="checkbox"/>	THEO 325 Theology of Compassion	3	<input type="checkbox"/>
BIOL 448 Applied Sustainability	4	<input type="checkbox"/>	NBUS 323 Intro Social Enterprise	3	<input type="checkbox"/>
BIOL 496 Senior Seminar	1	<input type="checkbox"/>	ICST 111 Intro to Intercult Ministries	3	<input type="checkbox"/>
CHEM 377 Environmental Chemistry	4	<input type="checkbox"/>	Principles of Relief and Development	3	<input type="checkbox"/>
Minimum total credits to graduate				124	<input type="checkbox"/>

*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required