

Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Environmental Science
(recommended plan for students with strong science backgrounds)

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
BIO 200/201 Introductory Biology I/Lab	4	X	NS	BIO 202/203 Introductory Biology II/Lab	4	X	NS
CHM 261/266 General Chemistry I/Lab	4	X	NS	CHM 262/267 General Chemistry II/Lab	4	X	NS
STA 147, PSY 217^, OR SOC 354^	3	X	M/QL	ENG 102 English II	3		W/C
ASC 101 Introduction to University Life	1		INTRO	MTH 181, STA 347, OR PSY 317^	3 or 4	X	M/QL
ENG 101 English I	3		W/C				
Semester Total	15			Semester Total	14 or 15		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
UST Policy/Planning Course (UST 435; 436; 441; 442)	3	X		EVS 302/303 Bio Feat of Ecosystems/Lab (Spring only)	4	X	
EVS 300/301 Physical Features (Fall only)	4	X		UST Policy/Planning Course (UST 435; 436; 441; 442)	3	X	
EVS 322/323 Geospatial Concepts & Tools (Fall only)	4	X		Arts & Humanities Elective**	3		A&H
Social Science Elective**	3		SS	Social Science Elective**	3		SS
				Writing Across the Curriculum Elective	3		WAC
Semester Total	14			Semester Total	16		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS 354/355; 424/425; 444/445; OR 460/461	4	X		EVS Focus Elective (300/400 level)	3	X	
EVS Focus Elective (300/400 level)	3	X		EVS Focus Elective (300/400 level)	4	X	
General Elective*	3			US Diversity Elective	3		DIV
Arts & Humanities Elective**	3		A&H	PHY 221 College Physics I (or PHY 241)	5	X	NS
				General Elective*	2		
Semester Total	13			Semester Total	17		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3	X		EVS Focus Elective (300/400 level)	3	X	
EVS 490/496/497 Internship/Ind Study/Research	4	X	WAC;CAP	EVS 499 Exit Evaluation	0	X	
African American Experience Elective	3		DIV	Writing Across the Curriculum Elective	3		WAC
PHY 470 Environmental Physics (Fall only)	3	X		General Elective*	3		
General Elective*	3			General Elective*	3		
				General Elective*	3		
Apply for Spring graduation prior to Sep 9th							
Semester Total	16			Semester Total	15		
Degree Total (as listed in above sample): 120-121 (120 hours minimum required to earn degree)							

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency

College/ Program Notes:

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements should be completed during the first year of study.

*Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**, of which a **minimum of 42 credit hours** must be upper division (300 or 400-level courses). Depending upon other choices made, students may not need as many electives as indicated above, or may need additional electives.

^Only one QL course can be applied to the M/QL requirement. The other course must be an MTH/STA course.

University Notes:

Gen Ed Key:	
INTRO = Introduction to University Life (one course)	SS = Social Sciences (two courses from different departments**)
W/C = Writing/Composition (two courses; C or better required)	A&H = Arts & Humanities (two courses from different departments**)
M/QL = Mathematics/Quantitative Literacy (two courses)	DIV = Social Diversity (two courses; one US Diversity and one African American Experience)
NS = Natural Sciences (two courses, one of which must have a lab)	WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)
	CAP = Capstone
	** of the four total SS and A&H courses, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

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Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Environmental Science
(for students not confident/untested in scientific abilities)

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
BIO 200/201 Introductory Biology I/Lab	4	X	NS	BIO 202/203 Introductory Biology II/Lab	4	X	NS
ENG 101 English I	3		W/C	ENG 102 English II	3		W/C
ASC 101 Introduction to University Life	1		INTRO	MTH 181, STA 347, OR PSY 317^	3 or 4	X	M/QL
Social Science Elective**	3		SS	Arts & Humanities Elective**	3		A&H
STA 147, PSY 217^, OR SOC 354^	3	X	M/QL				
<i>Semester Total</i>	14			<i>Semester Total</i>	13 or 14		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS 300/301 Physical Features (Fall only)	4	X		EVS 302/303 Bio Feat of Ecosystems/Lab (Spring only)	4	X	
CHM 261/266 General Chemistry I/Lab	4	X	NS	CHM 262/267 General Chemistry II/Lab	4	X	NS
EVS 322/323 Geospatial Concepts & Tools (Fall only)	4	X		Arts & Humanities Elective**	3		A&H
Social Science Elective**	3		SS	Writing Across the Curriculum Elective	3		WAC
<i>Semester Total</i>	15			<i>Semester Total</i>	14		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3	X		EVS 354/355; 424/425; 444/445; OR 460/461	4	X	
UST Policy/Planning Course (UST 435; 436; 441; 442)	3	X		EVS Focus Elective (300/400 level)	3	X	
EVS Focus Elective (300/400 level)	4	X		UST Policy/Planning Course (UST 435; 436; 441; 442)	3	X	
US Diversity Elective	3		DIV	African American Experience Elective	3		DIV
General Elective*	3			PHY 221 Collge Physics I (or PHY 241)	5	X	NS
<i>Semester Total</i>	16			<i>Semester Total</i>	18		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3	X		EVS Focus Elective (300/400 level)	3	X	
EVS 490/496/497 Internship/Ind Study/Research	4	X	WAC;CAP	EVS 499 Exit Evaluation	0	X	
PHY 470 Enironmental Physics (Fall only)	3	X		Writing Across the Curriculum Elective	3		WAC
General Elective*	3			General Elective*	3		
General Elective*	2			General Elective*	3		
				General Elective*	3		
Apply for Spring graduation prior to Sep 9th							
<i>Semester Total</i>	15			<i>Semester Total</i>	15		
Degree Total (as listed in above sample): 120-121 (120 hours minimum required to earn degree)							

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency

College/ Program Notes:

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*Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**, of which a **minimum of 42 credit hours** must be upper division (300 or 400-level courses). Depending upon other elective choices made, students may not need as many electives as indicated above, or may need additional electives.

^Only one QL course can be applied to the M/QL requirement. The other course must be an MTH/STA course.

University Notes:

Gen Ed Key:	SS = Social Sciences (two courses from different departments**)
INTRO = Introduction to University Life (one course)	A&H = Arts & Humanities (two courses from different departments**)
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M/QL = Mathematics/Quantitative Literacy (two courses)	WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)
NS = Natural Sciences (two courses, one of which must have a lab)	CAP = Capstone
** of the four total SS and A&H courses, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)	

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Cleveland State University
College of Sciences and Health Professions
 Bachelor of Science in Environmental Science
CSUteach (license in Education)

<i>First Year</i>										
Fall Semester	Credits	Major	Minor	Gen Ed		Spring Semester	Credits	Major	Minor	Gen Ed
ASC 101: Intro to University Life	1			Intro		EDC 200: Div in Edu Settings	3		x	DIV
ENG 101: College Writing I	3			W/C		ENG 102: College Writing II	3			W/C
BIO 200/201: Introductory Biology I + Lab	4	x	x	NS		BIO 202/203: Introductory Biology II + Lab	4	x	x	NS
PSY 221: Adolescent Psychology	3		x	SS		EVS 206: Introduction to Environmental Science	3	x	x	NS
MTH 181: Calculus I	4	x	x	M/QL		MTH 147: Statistical Concepts & App	3		x	M/QL
<i>Semester Total</i>	<i>15</i>					<i>Semester Total</i>	<i>16</i>			

<i>Second Year</i>										
Fall Semester	Credits	Major	Minor	Gen Ed		Spring Semester	Credits	Major	Minor	Gen Ed
EUT 201: Step 1: Inquiry Approaches to Teaching	1		x			EDB 242: Introduction to Education	3		x	
EVS 300/301: Phy Features of Ecosystem + Lab	4	x				EVS 302/303: Bio Features of Ecosystems + Lab	4	x		
CHM 261/266: General Chemistry I + Lab	4	x	x	NS		CHM 262/267: General Chemistry II + Lab	4	x	x	NS
EVS 322/323: Geospatial Concepts & Tools	4	x				BIO 304/305: Population Biology & Evolution + Lab	4	x	x	
African American Experience Elective	3			DIV		GEO 230: Natural Resources	3	x	x	
<i>Semester Total</i>	<i>16</i>					<i>Semester Total</i>	<i>18</i>			

<i>Third Year</i>										
Fall Semester	Credits	Major	Minor	Gen Ed		Spring Semester	Credits	Major	Minor	Gen Ed
EDB 302: Psychological Foundations of Education	3		x	WAC		EUT 305: Classroom Interactions	3		x	
Planning Course (UST 435, 436, 441 or 442)	3	x				PHY 201: Astronomy: Stars & Galaxies	3	x	x	NS
PHY 221: College Physics I	5	x	x	NS		PHY 222: College Physics II	5	x	x	NS
GEO 100/101: Intro to Geology + Lab	4	x	x	NS		Social Science Elective (**ALAAME)	3			SS
Arts & Humanities Elective (**ALAAME)	3			A&H		ESE 400: Introduction to Special Education	3		x	
<i>Semester Total</i>	<i>18</i>					<i>Semester Total</i>	<i>17</i>			

<i>Fourth Year</i>										
Fall Semester	Credits	Major	Minor	Gen Ed		Spring Semester	Credits	Major	Minor	Gen Ed
EUT 417: Project Based Instruction in Science	3		x			EST 499: <i>CSUteach</i> STEM Apprentice Teaching II	6		x	
EST 399: <i>CSUteach</i> STEM Apprentice Teaching I	1		x			EUT 210: Perspectives on Science & Math	3		x	A&H/WAC
SCI 311: Research Methods	3		x	WAC		CHM 255: Environmental Chemistry	3	x	x	
Planning Course (UST 435, 436, 441 or 442)	3	x				EVS 490/496/497: Intern/Ind Study/Research	4	x		CAP/WAC
PHY 470: Environmental Physics	3	x	x			EVS 499: Exit Evaluation	0	x		
EDL 305: Content Area Literacy	3		x							
<i>Apply for Spring graduation prior to Sep 9th</i>										
<i>Semester Total</i>	<i>16</i>					<i>Semester Total</i>	<i>16</i>			
<i>Degree Total: 132</i>										

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency

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University Notes:

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