

Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Environmental Science
(recommended plan for students with strong science backgrounds)
- NEW FALL 2014 -

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
MTH 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, MTH 347, OR PSY 317 [^]	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 (outside the US/ALAAME)	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)	3	X	
PHY 221 College Physics I	5	X	NS	US Diversity Elective	3		DIV
Arts & Humanities Elective (outside the US/ALAAME)	3		A&H	PHY 470 Environmental Physics (Spring only)	3	X	
				General Elective*	3		
Semester Total	15			Semester Total	15		

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
Writing Across the Curriculum Elective	3		WAC	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 course.

University Notes:

Gen Ed Key:	
INTRO = Introduction to University Life (one course)	SS = Social Sciences (two courses, one of which must be focused outside the US**)
W/C = Writing/Composition (two courses; C or better required)	A&H = Arts & Humanities (two courses, one must be focused outside the US**)
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 SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

This information is provided solely for the convenience of the reader, and the University expressly disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Environmental Science
(for students not confident/untested in scientific abilities)
- NEW FALL 2014 -

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, MTH 347, OR PSY 317^	3 or 4	X	M/QL
Social Science Elective	3		SS	Arts & Humanities Elective	3		A&H
MTH 147, PSY 217^, OR SOC 354^	3	X	M/QL				
Semester Total	14			Semester Total	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 (outside the US/ALAAME)	3		A&H
Social Science (outside the US/ALAAME)	3		SS	Writing Across the Curriculum Elective	3		WAC
Semester Total	15			Semester Total	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)	3	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			General Elective*	3		
Semester Total	15			Semester Total	16		

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 221 College Physics I	5	X	NS	Writing Across the Curriculum Elective	3		WAC
General Elective*	3			PHY 470 Environmental Physics (Spring only)	3	X	
General Elective*	3			General Elective*	3		
				General Elective*	3		
Apply for Spring graduation prior to Sep 9th							
Semester Total	18			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 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 course.

University Notes:

Gen Ed Key:	SS = Social Sciences (two courses, one of which must be focused outside the US**)
INTRO = Introduction to University Life (one course)	A&H = Arts & Humanities (two courses, one must be focused outside the US**)
W/C = Writing/Composition (two courses; C or better required)	DIV = Social Diversity (two courses; one US Diversity and one African American Experience)
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 SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

This information is provided solely for the convenience of the reader, and the University expressly disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

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

First Year									
Fall Semester	Credits	Major	Minor	Gen Ed	Spring Semester	Credits	Major	Minor	Gen Ed
ASC 101: Intro to University Life	1			Intro	EUT 201: Step 1: Inquiry Approaches to Teaching	1		x	
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 206/207: Intro to Env. Science + Lab	4	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>	15				<i>Semester Total</i>	15			

Second Year									
Fall Semester	Credits	Major	Minor	Gen Ed	Spring Semester	Credits	Major	Minor	Gen Ed
EUT 217: Step 2: Inquiry-Based Lesson Design in Science	1		x		EDC 300: Div in Edu Settings	3		x	DIV
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
GEO 323: Geospatial Concepts & Tools	4	x			Bio 304/305: Population Biology & Evolution	4	x	x	
African American Experience Elective	3			DIV	Arts & Humanities Elective (outside US**)	3			A&H
<i>Semester Total</i>	16				<i>Semester Total</i>	18			

Third Year									
Fall Semester	Credits	Major	Minor	Gen Ed	Spring Semester	Credits	Major	Minor	Gen Ed
EUT 302: Knowing & Learning	3		x		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 (outside US**)	3			SS
					GEO 230: Natural Resources	3	x	x	
<i>Semester Total</i>	15				<i>Semester Total</i>	17			

Fourth Year									
Fall Semester	Credits	Major	Minor	Gen Ed	Spring Semester	Credits	Major	Minor	Gen Ed
EUT 317: Project Based Instruction in Science	3		x		EST 499: CSUteach STEM Apprentice Teaching	6		x	
EST 399: CSUteach STEM Apprentice Teaching	1		x		EUT 210: Perspectives on Science & Media	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						
Apply for Spring graduation prior to Sep 9th									
<i>Semester Total</i>	16				<i>Semester Total</i>	16			

Degree Total: 128

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

*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 (3 credit hour vs. 4 credit hour courses), students may not need as many general electives as indicated above, or may need additional electives.

University Notes:

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

This information is provided solely for the convenience of the reader, and the University expressly disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.