

**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	5	X	NS	CHM 262/267 General Chemistry II/Lab	5	X	NS
MTH 147 Statistical Concepts w/ Applications	4	X	M/QL	ENG 101 English I	3		W/C
ASC 101 Introduction to University Life	1		INTRO	PHY 221 College Physics I	5	X	NS
<b>Semester Total</b>	<b>14</b>			<b>Semester Total</b>	<b>17</b>		

**Second Year**

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
ENG 102 English II	3		W/C	EVS 302/303 Biological Features of Ecosystems/Lab (Spring only)	4	X	
Mathematics & Quantitative Literacy Elective (MTH 347 recommended)	4		M/QL	ENV 441 Environmental Planning (Spring only)	4	X	
EVS 300/301 Physical Features (Fall only)	4	X		Arts & Humanities Elective	3 to 4		A&H
GEO 323 Geospatial Concepts & Tools (Fall only)	4	X		Social Science Elective	3 to 4		SS
PHY 470 Environmental Physics (Fall only)	4	X					
<b>Semester Total</b>	<b>19</b>			<b>Semester Total</b>	<b>14 to 16</b>		

**Third Year**

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3 to 4	X		EVS Focus Elective (300/400 level)	3 to 4	X	
GEO 354 Geochemistry OR 425 Introduction to GIS (Fall only)	4	X		ENV 442 Environmental Finance & Budgeting (Spring only)	4	X	
ENV 435 Environmental Policy (Fall only)	4	X	WAC	US Diversity Elective	3 to 4		DIV
Arts & Humanities Elective (outside the US/ALAAME)	3 to 4		A&H	Social Science Elective (outside the US/ALAAME)	3 to 4		SS
<b>Semester Total</b>	<b>14 to 16</b>			<b>Semester Total</b>	<b>13 to 16</b>		

**Fourth Year**

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3 to 4	X		EVS Focus Elective (300/400 level)	3 to 4	X	
EVS 490/496/497 Internship/Independent Study/Research	4	X	CAP	EVS 499 Exit Evaluation	0	X	
African American Experience Elective	3 to 4		DIV	Writing Across the Curriculum Elective	3 to 4		WAC
Writing Across the Curriculum Elective	3 to 4		WAC	General Elective*	3 to 4		
				General Elective*	3 to 4		
<b>Apply for Spring graduation prior to Sep 9th</b>							
<b>Semester Total</b>	<b>13 to 16</b>			<b>Semester Total</b>	<b>12 to 16</b>		
<b>Degree Total: 116-130 (128 hours minimum)</b>							

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 128 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:**

<b>Gen Ed Key:</b>	SS = Social Sciences (two courses, one of which must be focused outside the US**) A&H = Arts & Humanities (two courses, one must be focused outside the US**) DIV = Social Diversity (two courses; one US Diversity and one African American Experience) 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**  
(recommended plan for students not confident or untested in their 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 147 Statistical Concepts w/ Applications	4	X	M/QL
Social Science Elective	3 to 4		SS	Arts & Humanities Elective	3 to 4		A&H
Mathematics & Quantitative Literacy Elective	4		M/QL				
<b>Semester Total</b>	<b>15 to 16</b>			<b>Semester Total</b>	<b>14 to 15</b>		

**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 Biological Features of Ecosystems/Lab (Spring only)	4	X	
CHM 261/266 General Chemistry I/Lab	5	X	NS	CHM 262/267 General Chemistry II/Lab	5	X	NS
GEO 323 Geospatial Concepts & Tools (Fall only)	4	X		Arts & Humanities Elective (outside the US/ALAAME)	3 to 4		A&H
Social Science (outside the US/ALAAME)	3 to 4		SS	Writing Across the Curriculum Elective	3 to 4		WAC
<b>Semester Total</b>	<b>16 to 17</b>			<b>Semester Total</b>	<b>15 to 17</b>		

**Third Year**

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
ENV 435 Environmental Policy (Fall only)	4	X	WAC	EVS Focus Elective (300/400 level)	3 to 4	X	
GEO 354 Geochemistry OR 425 Introduction to GIS (Fall only)	4	X		PHY 221 College Physics I	5	X	NS
EVS Focus Elective (300/400 level)	3 to 4	X		ENV 441 Environmental Planning (Spring only)	4	X	
US Diversity Elective	3 to 4		DIV	African American Experience Elective	3 to 4		DIV
<b>Semester Total</b>	<b>14 to 16</b>			<b>Semester Total</b>	<b>15 to 17</b>		

**Fourth Year**

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
EVS Focus Elective (300/400 level)	3 to 4	X		EVS Focus Elective (300/400 level)	3 to 4	X	
EVS 490/496/497 Internship/Independent Study/Research	4	X	CAP	ENV 442 Environmental Finance & Budgeting (Spring only)	4	X	
PHY 470 Environmental Physics (Fall only)	4	X		ENV 499 Exit Evaluation	0	X	
General Elective*	3 to 4			Writing Across the Curriculum Elective	3 to 4		WAC
				General Elective*	3 to 4		
<b>Apply for Spring graduation prior to Sep 9th</b>							
<b>Semester Total</b>	<b>14 to 16</b>			<b>Semester Total</b>	<b>13 to 16</b>		
<b>Degree Total: 116-130 (128 hours minimum)</b>							

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 128 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:**

<b>Gen Ed Key:</b>	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.