

Cleveland State University
College of Arts and Sciences
Bachelor of Science in Environmental Science

(recommended plan for students with strong science background)

First Year

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

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 or | 4 | X | |
| EVS 322/323 Geospatial Concepts & Tools (Fall only) | 4 | X | | PHY 221 College Physics I (or PHY 241) | 5 | X | |
| UST Policy/Planning Course (UST 435;436;440;441; | 3 | X | | UST Policy/Planning Course (UST 435; 436; 440; 44 | 3 | X | |
| Social Science Elective** | 3 | | SS | Social Science Elective | 3 | | SS |
| | | | | | | | |
| | | | | | | | |
| <i>Semester Total</i> | 14 | | | <i>Semester Total</i> | 15 | | |

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; 430; OR 444/445 | 3 or 4 | X | |
| EVS Focus Elective (300/400 level) | 3 | X | | EVS Focus Elective (300/400 level) | 4 | X | |
| PHY 470 Environmental Physics (Fall only) | 3 | X | | Social Diversity Elective (US) | 3 | | DIV-US |
| Arts & Humanities Elective** | 3 | | A&H | Arts & Humanities Elective** | 3 | | A&H |
| General Elective* | 3 | | | General Elective* (WAC) | 3 | | WAC |
| | | | | | | | |
| <i>Semester Total</i> | 15 | | | <i>Semester Total</i> | 16 or 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 490/497 Internship/Research | 4 | X | CAP/WAC | EVS 499 Exit Evaluation | 0 | X | |
| Social Diversity Elective (AA) | 3 | | DIV-AA | General Elective* (WAC) | 3 | | WAC |
| General Elective* | 3 | | | General Elective* | 3 | | |
| General Elective* | 3 | | | General Elective* | 3 | | |
| | | | | General Elective* | 3 | | |
| Apply for Spring graduation by the middle of this term | | | | | | | |
| <i>Semester Total</i> | 16 | | | <i>Semester Total</i> | 15 | | |
| Credit Total: 120-122 (minimum 120 required for degree) | | | | | | | |

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. This plan assumes college-level readiness in both mathematics and English and that Foreign Language Deficiency requirements have been met.

| Gen Ed Key: | |
|---|---|
| INTRO = Introduction to University Life Requirement (one course) | SS = Social Sciences Requirement (2 courses from different departments**) |
| W/C = Writing/Composition Requirement (2 courses; C or better required) | A&H = Arts & Humanities Requirement (2 courses from different departments**) |
| M/QL = Mathematics/Quantitative Literacy Requirement (2 courses) | DIV = Social Diversity Requirement (one US Diversity & one African American Exp.) |
| NS = Natural Science (2 courses, one of which must have a lab) | WAC/SPAC = Writing/Speaking Across the Curriculum (3 courses, one in major) |
| | CAP = Capstone Requirement |

* General Electives ensure that a student accumulates the minimum 120 required credit hours for graduation. Of these 120 credit hours, a minimum of 36 credit hours must be upper division (300 or 400-level courses).

** Of the SS and A&H courses, one must be focused on Africa, Latin America, or the Middle East

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

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Cleveland State University
College of Arts and Sciences
Bachelor of Science in Environmental Science

(recommended for students not confident/untested in their scientific abilities)

| First Year | | | | | | | | |
|--|-----------|-------|--------|---|-----------------|-------|--------|--|
| Fall Semester | Credits | Major | Gen Ed | Spring Semester | Credits | Major | Gen Ed | |
| ASC 101 Intro to University Life | 1 | | Intro | ENG 102 College Writing II | 3 | | W/C | |
| ENG 101 College Writing I | 3 | | W/C | STA 347, PSY 317^ OR MTH 181 | 3 or 4 | X | M/QL | |
| STA 147, PSY 217^, OR SOC 354^ | 3 | X | M/QL | BIO 202/203 Introductory Biology II/Lab | 4 | X | NS | |
| BIO 200/201 Introductory Biology I/Lab | 4 | X | NS | Arts & Humanities Elective** | 3 | | A&H | |
| Social Science Elective** | 3 | | SS | Social Sciences Elective** | 3 | | SS | |
| | | | | | | | | |
| <i>Semester Total</i> | 14 | | | <i>Semester Total</i> | 16 or 17 | | | |

| 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 or | 4 | X | | |
| EVS 322/323 Geospatial Concepts & Tools (Fall only) | 4 | X | | CHM 262/267 General Chemistry II/Lab | 4 | X | | |
| CHM 261/266 General Chemistry I/Lab | 4 | X | | Social Diversity Elective (AA) | 3 | | DIV-AA | |
| Arts & Humanities Elective** | 3 | | A&H | General Elective* (WAC) | 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; 430; OR 444/445 | 3 or 4 | X | | |
| EVS Focus Elective (300/400 level) | 3 | X | | EVS Focus Elective (300/400 level) | 4 | X | | |
| UST Policy/Planning Course (UST 435;436;440;441; | 3 | X | | UST Policy/Planning Course (UST 435; 436; 440; 44 | 3 | X | | |
| Social Diversity Elective (US) | 3 | | DIV-US | PHY 221 College Physics I (or PHY 241) | 5 | X | | |
| General Elective* | 3 | | | | | | | |
| | | | | | | | | |
| <i>Semester Total</i> | 15 | | | <i>Semester Total</i> | 16 or 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 490/497 Internship/Research | 4 | X | CAP/WAC | EVS 499 Exit Evaluation | 0 | X | | |
| PHY 470 Environmental Physics (Fall only) | 3 | X | | General Elective* (WAC) | 3 | | WAC | |
| General Elective* | 3 | | | General Elective* | 3 | | | |
| General Elective* | 3 | | | General Elective* | 3 | | | |
| | | | | General Elective* | 3 | | | |
| Apply for Spring graduation by the middle of this term | | | | | | | | |
| <i>Semester Total</i> | 16 | | | <i>Semester Total</i> | 15 | | | |
| Credit Total: 121-123 (minimum 120 required for degree) | | | | | | | | |

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. This plan assumes college-level readiness in both mathematics and English and that Foreign Language Deficiency requirements have been met.

| Gen Ed Key: | |
|---|---|
| INTRO = Introduction to University Life Requirement (one course) | SS = Social Sciences Requirement (2 courses from different departments**) |
| W/C = Writing/Composition Requirement (2 courses; C or better required) | A&H = Arts & Humanities Requirement (2 courses from different departments**) |
| M/QL = Mathematics/Quantitative Literacy Requirement (2 courses) | DIV = Social Diversity Requirement (one US Diversity & one African American Exp.) |
| NS = Natural Science (2 courses, one of which must have a lab) | WAC/SPAC = Writing/Speaking Across the Curriculum (3 courses, one in major) |
| | CAP = Capstone Requirement |

* General Electives ensure that a student accumulates the minimum 120 required credit hours for graduation. Of these 120 credit hours, a minimum of 36 credit hours must be upper division (300 or 400-level courses).

** Of the SS and A&H courses, one must be focused on Africa, Latin America, or the Middle East

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

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

| First Year | | | | | | | | | | |
|---|----------------|--------------|----------------|---------------|--|----------------|--------------|----------------|---------------|--|
| Fall Semester | Credits | Major | License | Gen Ed | Spring Semester | Credits | Major | License | 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 | | NS | BIO 202/203: Introductory Biology II + Lab | 4 | x | | NS | |
| PSY 221: Adolescent Psychology | 3 | | x | SS | EVS 206: Introduction to Environmental Science | 3 | x | | NS | |
| MTH 181: Calculus I | 4 | x | | M/QL | STA 147: Statistical Concepts & App | 3 | | | M/QL | |
| | | | | | | | | | | |
| Semester Total | 15 | | | | Semester Total | 16 | | | | |

| Second Year | | | | | | | | | | |
|---|----------------|--------------|----------------|---------------|---|----------------|--------------|----------------|---------------|--|
| Fall Semester | Credits | Major | License | Gen Ed | Spring Semester | Credits | Major | License | Gen Ed | |
| EUT 201: Step 1: Inquiry Approaches to Teaching | 1 | | x | | EDB 242: Introduction to Education | 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 | | NS | CHM 262/267: General Chemistry II + Lab | 4 | x | | NS | |
| EVS 322/323: Geospatial Concepts & Tools | 4 | x | | | BIO 304/305: Population Biology & Evolution + Lab | 4 | x | | | |
| African American Experience Elective | 3 | | | DIV | GEO 230: Natural Resources | 3 | x | | | |
| | | | | | | | | | | |
| Semester Total | 16 | | | | Semester Total | 18 | | | | |

| Third Year | | | | | | | | | | |
|---|----------------|--------------|----------------|---------------|--|----------------|--------------|----------------|---------------|--|
| Fall Semester | Credits | Major | License | Gen Ed | Spring Semester | Credits | Major | License | 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 | | NS | |
| PHY 221: College Physics I | 5 | x | | NS | PHY 222: College Physics II | 5 | x | | NS | |
| GEO 100/101: Intro to Geology + Lab | 4 | x | | NS | Social Science Elective (**ALAAME) | 3 | | | SS | |
| Arts & Humanities Elective (**ALAAME) | 3 | | | A&H | ESE 400: Introduction to Special Education | 3 | | x | WAC | |
| | | | | | | | | | | |
| Semester Total | 18 | | | | Semester Total | 17 | | | | |

| Fourth Year | | | | | | | | | | |
|---|----------------|--------------|----------------|---------------|---|----------------|--------------|----------------|---------------|--|
| Fall Semester | Credits | Major | License | Gen Ed | Spring Semester | Credits | Major | License | Gen Ed | |
| EUT 417: Project Based Instruction in Science | 3 | | x | | EST 499: CSUteach STEM Apprentice Teaching II | 6 | | x | | |
| EST 399: CSUteach STEM Apprentice Teaching I | 1 | | x | | EUT 210: Perspectives on Science & Math | 3 | | x | A&H/WAC | |
| EUT 311: Research Methods | 3 | | x | WAC | CHM 255: Environmental Chemistry | 3 | 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 | | | EVS 499: Exit Evaluation | 0 | x | | | |
| EDL 305: Content Area Literacy | 3 | | x | | | | | | | |
| Apply for Spring graduation by the middle of this term | | | | | | | | | | |
| Semester Total | 16 | | | | Semester Total | 16 | | | | |

Degree Total: 132

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