

EAST CENTRAL UNIVERSITY  
ENVIRONMENTAL HEALTH SCIENCE - B.S.  
0160/UG 2024-2025 Academic Catalog

|                                  |  |
|----------------------------------|--|
| Student Name:                    | Student ID #                               |
| 30 hours at ECU completed        | Advisor:                                   |
| 60 hours at Sr college completed |  |
| 40 hours upper level completed   | OSRHE Computer Proficiency Requirement met |

| Requirements   |      |  | Hours     |
|--|------|--|-----------|
| <b>I. General Education</b>  |      |  | <b>40</b> |
| <i>A maximum of 12 hours may apply to both the major/related work and general education.</i> |      |  |           |
| Courses highlighted in blue are general education courses.                                   |      |  |           |
| <b>II. Major in Environmental Health Science</b>   |      |  | <b>52</b> |
| A. Required Core Courses   |      |  | 41        |
| EHS  | 1114 | Introduction to Environmental Health Science |           |
| GIS  | 2253 | Initial Concepts in GIS                      |           |
| EHS  | 2313 | Solid and Hazardous Waste Management         |           |
| EHS  | 2613 | Occupational Health and Safety               |           |
| EHS  | 3114 | Epidemiology                                 |           |
| EHS  | 3153 | Environmental Health Administration          |           |
| EHS  | 3553 | Water Quality and Treatment                  |           |
| EHS  | 3603 | Air Quality                                  |           |
| EHS  | 3703 | Biostatistics                                |           |
| EHS  | 3803 | Environmental Toxicology                     |           |
| EHS  | 4143 | Food Hygiene and Consumer Protection         |           |
| EHS  | 4703 | Environmental and Risk Assessment            |           |
| EHS  | 4943 | Field Experience in Environmental Health     |           |
| C. Required Electives - Technical Areas  |      |  | 11        |
| 11 hours elective 3000/4000 level course in EHS, BIOL, or GIS                                |      |  |           |
| (No more than 3 hours of credit in EHS4991-4 may be used to meet the 11-hour requirement)    |      |  |           |

| III. Required Related Work |           |                                  |    | Hours |
|----------------------------|-----------|----------------------------------|----|-------|
| CHEM                       | 1114      | General Chemistry I              |    | 4     |
| CMPSC                      | 1513      | Computer Literacy                |    | 3     |
| MATH                       | 1513      | College Algebra                  |    | 3     |
| BIOL                       | 1114      | General Biology                  |    | 4     |
| BIOL                       | 2334      | General Microbiology             |    | 4     |
| CHEM                       | 1214      | General Chemistry II             |    | 4     |
| CHEM                       | 1314      | General Organic and Biochemistry | OR | 4     |
|                            | CHEM 3114 | Organic Chemistry I              |    | 4     |
| PHYS                       | 1114      | General Physics I                |    | 4     |
|                            |           |                                  |    |       |
|                            |           |                                  |    |       |

| IV. Minor (Not Required) |  |  |  |
|--------------------------|--|--|--|
|--------------------------|--|--|--|

| V. Electives |  |  |  | 10 |
|--------------|--|--|--|----|
|--------------|--|--|--|----|

| VI. Total Hours Required |  |  |  | 120 |
|--------------------------|--|--|--|-----|
|--------------------------|--|--|--|-----|

| VII. Special Requirements   |  |  |  |
|---|--|--|--|
| An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major. |  |  |  |