



## COGNATE COURSES

**COURSE No.**

**SUGGESTED ELECTIVES FOR ALL TRACKS IN THE ENVIRONMENTAL  
SCIENCE MAJOR**

Students in all Tracks will have the option of selecting electives to complete the minimum of 120 hours required for graduation.

***HIGHLY SUGGESTED ELECTIVES FOR PREMED TRACK:***

| <b>COURSE No.</b> | <b>COURSE Name</b>                 | <b>CO-REQUISITE(S)</b> | <b>PRE-REQUISITE (S)</b>   |
|-------------------|------------------------------------|------------------------|--|
| BIO 233           | Microbiology (4)                   | -                      | BIO 110, BIO115, BIO 120, BIO 125  |
| BIO 312           | Genetics (4)                       | -                      | BIO 110, BIO 115, BIO 120, BIO 125   |
| BIO 471           | Cellular and molecular biology (4) | -                      | BIO 110, BIO 115, BIO 120, BIO 125, and at least one upper-level (200 or higher) biology course. |

Epidemiology - Morehouse College (3)

***ES/STEM ELECTIVES***

| <b>COURSE No.</b> | <b>COURSE Name</b>                      | <b>CO-REQUISITE(S)</b> | <b>PRE-REQUISITE (S)</b>           | <b>-</b> |
|-------------------|---|------------------------|------------------------------------|----------|
| ES 215            | Introduction to Toxicology (4)          |                        | ES 200                             |          |
| ES 315            | Sustainable Development                 | -                      | ES 211                             | -        |
| ES 384            | Industrial Ecology (4)                  | -                      | -                                  | -        |
| ES 403            | Environmental Science Seminar (2)       | -                      | ES 211                             | -        |
| ES 420            | Risk management and containment systems | -                      | ES 211, ES 312                     | -        |
| ES 437            | Computer simulation (4)                 | -                      | CIS 121 and MATH 205 (Statistics)  | -        |
| ES 250            | Food and Energy                         |                        |                                    |          |
| ES 453            | Environmental Chemistry (3)             | -                      | CHE 232; CHEM 231                  |          |
| ES 499            | Independent Studies                     | -                      |                                    | -        |
| ES 355/BIO 255    | Ecology                                 |                        | BIO 110, BIO 115, BIO 120, BIO 125 |          |

|                      |                                   |   |   |   |
|----------------------|-----------------------------------|---|---|---|
| BIO 312              | Genetics (4)                      |   | BIO 110,<br>BIO 115,<br>BIO 120,<br>BIO 125 |   |
| CIS 437              | Computer Simulation<br>(4)        | - | CIS 121 and<br>MATH 205<br>(Statistics)     | - |
| BIO 328              | Food Toxicology<br>Immunology (4) |   | BIO 110,<br>BIO 115,<br>BIO 120,<br>BIO 125 |   |
| BIO 329              | Nutrition and Cancer              |   | BIO 110,<br>BIO 115,<br>BIO 125             |   |
| MATH 353<br>MATH 355 | Decision Sciences (4)             | - | -   | - |

|         |                             |  |  |
|---------|-----------------------------|--|--|
| PHI 130 | Introduction to Ethics (4)  |  |  |
| PHI 295 | Biomedical Ethics (4)       |  |  |
| SOC 402 | The Sociology of Health (4) |  |  |