

## Department of Environmental Sciences Course Offerings (AY 25-26)

| Fall 2025                                                                |             |                      |
|--------------------------------------------------------------------------|-------------|----------------------|
| <i>Course Name</i>                                                       | <i>Unit</i> | <i>Instructor(s)</i> |
| ENSC 001: Introduction to Environmental Sciences: Natural Resources      | 4           | McCulloch            |
| ENSC 092: Freshman Seminar in the Environmental Sciences #               | 1           | McCulloch            |
| ENSC 100: Introduction to Soil Science                                   | 4           | Martinez             |
| ENSC 136: Chemistry of Natural Waters                                    | 4           | Lin                  |
| ENSC 140: Limnology                                                      | 4           | Harms                |
| ENSC 163: Hydrology                                                      | 4           | Verdi                |
| ENSC 191: Seminar in Professional Development in ES                      | 2           | Simunek              |
| ENSC 217: Vadose Zone Processes *                                        | 4           | Perri                |
| ENSC 218: Isotopes in Ecology and Environmental Science*                 | 4           | Homyak               |
| ENSC 227: Global Change and the Earth System                             | 4           | Li                   |
| ENSC 245: Chemistry and Physics of Aerosols *                            | 4           | Bahreini             |
| ENSC 401: Professional Development in Environmental Sciences             | 2           | McCulloch            |
| ENTX 201: Principles of Toxicology                                       | 4           | Volz                 |
| Winter 2026                                                              |             |                      |
| <i>Course Name</i>                                                       | <i>Unit</i> | <i>Instructor(s)</i> |
| ENSC 002: Introduction to Environmental Sciences: Environmental Quality  | 4           | McCulloch            |
| ENSC 092: Freshman Seminar in the Environmental Sciences                 | 1           | McCulloch            |
| ENSC 101: Water Resources                                                | 4           | Gray                 |
| ENSC 107: Soil Physics                                                   | 4           | Simunek              |
| ENSC 110: Environmental Statistics                                       | 4           | Li                   |
| ENSC 120: Soil Ecology                                                   | 4           | Harms                |
| ENSC 134: Soil Conditions and Plant Growth                               | 4           | Scudiero             |
| ENSC 135: Atmospheric Chemistry                                          | 4           | Bahreini             |
| ENSC 154: Risk Assessment                                                | 4           | Chou                 |
| ENSC 165: Principles of Groundwater Science                              | 4           | Ajami                |
| ENSC 191: Seminar in Professional Development in ES                      | 2           | Simunek              |
| ENSC 200: Fate and Transport of Chemicals in the Environment             | 4           | Gan/Lin              |
| ENSC/CEE 207: Air Quality Modeling                                       | 4           | Porter               |
| ENSC 275: Research Seminar in Environmental Sciences                     | 1           | McCulloch            |
| Spring 2026                                                              |             |                      |
| <i>Course Name</i>                                                       | <i>Unit</i> | <i>Instructor(s)</i> |
| ENSC 003: Introduction to Environmental Sciences                         | 4           | McCulloch            |
| ENSC 004: Contemporary Climate Change                                    | 4           | Hopkins              |
| ENSC 102: Introductory Atmospheric Science                               | 4           | Porter               |
| ENSC 105: Ecohydrology                                                   | 4           | Perri                |
| ENSC 138: Pedology                                                       | 4           | Martinez             |
| ENSC 175: Spatial Analysis and Remote Sensing for Environmental Sciences | 4           | Ajami                |
| ENSC 177: Environmental Sampling and Analysis*                           | 4           | Lin                  |
| ENSC 190: Special Studies: Global Agricultural Systems                   | 4           | Scudiero             |
| ENSC 191: Seminar in Professional Development in ES                      | 2           | McCulloch            |
| ENSC 204: Fluvial Geomorphology*                                         | 4           | Gray                 |
| ENSC 209: Artificial Intelligence in Toxicology and Environmental Health | 4           | Chou                 |
| ENSC 275: Research Seminar in Environmental Sciences                     | 1           | Ying                 |
| ENTX 101: Fundamental Toxicology                                         | 4           | Volz                 |

# = 2 sections offered; \* = course only offered every other year; Last Update: 5/23/2025