

# ENVIRONMENTAL SCIENCE AND TECHNOLOGY, MASTER OF SCIENCE (M.S.)

**Thesis only:** 30 credits

Students must complete 30 credits of coursework including 6 credits of thesis research. All students must select an area of specialization and complete the specific track requirements.

| Course   | Title  | Credits                      |
|--|--|------------------------------|
| Required courses:  |  |                              |
| ENST602  | Research Principles and Methodology in Environmental Science and Technology      | 3                            |
| ENST702  | Environmental Science and Technology: Communication and Professional Development | 2                            |
| ENST798  | Graduate Seminar   | 2                            |
| ENST799  | Master's Thesis Research   | 6                            |
| One graduate level statistics course   |  | 4                            |
| <b>Choose an area of specialization</b>  |  | <b>minimum of 12 credits</b> |
| <b>Soil and Watershed Sciences:</b>  |  |                              |
| Courses must be from the following five areas: soil chemistry, soil physics, pedology, soil biology, soil fertility                            |  |                              |
| <b>Ecological Technology Design:</b>   |  |                              |
| Six credits of graduate level courses in ecology and six credits of graduate level courses in ecological design or related engineering courses |  |                              |
| <b>Wetland Science:</b>  |  |                              |
| Minimum of three credits must be earned from each of these groups: Ecology, Soil Science, and Hydrology  |  |                              |
| <b>Ecosystem Health &amp; Natural Resource Management:</b>   |  |                              |
| ENST604  | Advanced Ecological and Natural Resource Ethics                                  |                              |
| Nine additional credits in Ecosystem Health and Natural Resource Management  |  |                              |