

## **ENVS 4000K: Wetlands and Mitigation**

### **4 Credit Hours**

*Prerequisite: BIOL 1107 and BIOL 1107L and ENVS 3100K*

This course covers wetlands as components of natural landscapes. Students will learn to characterize the biogeochemistry, hydrology, geomorphology, and soil properties of wetlands. Students will learn how to classify wetlands by considering soil and hydrologic factors important to wetland delineation and jurisdictional determination. Finally, students will learn how to mitigate impacts on wetlands with an emphasis on wetland restoration and creation.

## **ENVS 4200: Research Methods**

### **3 Credit Hours**

*Prerequisite: Any geography or science lab course and 60 credit hours.*

This course is designed to prepare students for scientific research in the environmental field and related disciplines. It introduces students to a variety of spatial and environmental research concepts, approaches, methods, and techniques. This course guides students through aspects of scientific research.

Notes: This course is crosslisted with GEOG 4200.

## **ENVS 4300: Environmental Ethics**

### **3 Credit Hours**

This course is designed to extend the traditional boundaries of the ethical relationships between humans to the nonhuman world in the natural environment. Philosophical and social issues have surfaced in the twenty-first century emerging as environmental ethical dilemmas demanding resolution. Case studies and a variety of interdisciplinary literature pieces are incorporated which allow students to consider the impact of ethical dilemmas and evaluate their social influences.

## **ENVS 4399: Environmental Science Seminar**

### **1 Credit Hours**

*Prerequisite: Environmental Science Major and 90+ Credit Hours Concurrent:*

*ENVS 3100K*

This seminar will explore current topics in environmental science, regulation, and policy. Faculty and outside speakers from government and private industry will give presentations and lead discussions. Students will be expected to attend all lectures and participate.