

**ENVIRONMENTAL ANALYSIS AND DESIGN**  
**E8/ UPPP 8**  
**PROFESSOR JULIANA ZANOTTO**

**Course Description:**

This course will provide an overview of the state of environmental and social conditions in the world, with especial attention to general concepts, theoretical principles, and analytical techniques for understanding such conditions. It will present diverse and multi-disciplinary perspectives to analyze environmental challenges and future scenarios. Most importantly, the course will foster reflections about the roles of individuals, communities, and governments in both causing and addressing environmental and social problems.

**Course Objectives:**

Following the general expected outcomes of Social and Behavioral general education courses, at the end of the quarter, students should be able to:

1. Demonstrate knowledge and understanding of main principles and concepts related to current environmental and social problems;
2. Discuss the current and projected state of environmental and social conditions locally and globally;
3. Apply their knowledge of scientific methods and theories to interpret and evaluate different perspectives; and
4. Critically evaluate their individual roles as part of a larger system and acknowledge their potential for advancing change.