

Learning Outcomes

LO	Description
LO1i	LO1i Discuss and analyse the biophysical environment (e.g., Ecology, Soils, Hydrology) across a gradient of landscapes from natural to urban and at various scales
LO1ii	LO1ii Explain and critically analyze the fundamental concepts, theories, and trends of Socio-Ecological Systems (e.g. Sustainable Development, Environmental Ethics, Risk)
LO1iii	LO1iii Define, describe and apply concepts related to Sustainability Science and Practice (e.g. Policy Analysis, Standards and Certifications)
LO2i	LO2i Apply a variety of Quant methods and interpret resulting data (e.g. Spatial Analysis, Statistics, Sustainability Indicators)
LO2ii	LO2ii Apply a variety of Qualitative methods/approaches and interpret resulting data/findings (e.g. Focus-groups, Survey)
LO2iii	LO2iii Design and undertake a Field-based research project and present outcomes (e.g., Planning, Study Design, Data Collection, interpretation)
LO3i	LO3i Analyse social/political contexts rooted in personal experience, culture, religion, geopolitics, that both promote and hinder societal commitment to equity and sustainability.
LO3ii	LO3ii Translate new and emergent knowledge in a variety of ways to engage in public issues, develop a greater level of societal commitment to sustainability, and bridge current environmental attitudes and actions.
LO4	LO4 Research, design, execute, and deliver an integrated, systematic, and scientific study that addresses a specific area of focus in the discipline of environment and urban sustainability.
LO5i	LO5i Communicate information related to the field of environment and urban sustainability accurately and reliably, in written form, with professionalism, for diverse audiences.
LO5ii	LO5ii Communicate information related to the field of environment and urban sustainability accurately and reliably, in oral presentation, with professionalism, for diverse audiences.
LO6	LO6 Explain how personal and community perspectives, bias, and limitations of knowledge can influence sustainability theory and practice.
LO7i	LO7i Take personal responsibility and accountability in team environments for contributing, working effectively, and interacting respectfully.

LO7ii	LO7ii Demonstrate academic and professional integrity and incorporate social equity and environmental justice perspectives in the practice of urban and environmental sustainability.
LO8i	LO8i Evaluate personal strengths and weaknesses through self-reflection for the purpose of maximizing learning, and to enhance external recognition of your skills.
LO8ii	LO8ii Present a portfolio/resume that includes evidence of academic achievements, marketable skills, and professional development activities