

# INTEGRATIVE DESIGN OF BUILT AND NATURAL ENVIRONMENTS, CERTIFICATE

## LEARNING OUTCOMES

1. Demonstrate an understanding of the frameworks and processes involved in integrative design of built and natural environments
2. Understand and demonstrate how to use techniques and research from biological, physical sciences, and social sciences in design, planning, and management contexts to create frameworks and designs
3. Select and evaluate geospatial technologies appropriate for a variety of design, planning, and management contexts
4. Understand and evaluate the role of stakeholder values and ethics in design frameworks relative to design, planning, and management of the built environment within social and natural systems