

A Deep Dive into Green Infrastructure for Water Management

THE CORE FOCUS: STORMWATER

Managing Urbanization & Climate Change Impacts

Learn how green infrastructure mitigates urban flooding and improves water quality.

Exploring Best Management Practices (BMPs)

Covers design of rain gardens, green roofs, pervious pavements, and bioretention basins.



Rain Garden



Green Roof



Pervious Pavement



Bioretention Basin



Mastering New Jersey Regulations

Focuses on state requirements for flood control, runoff treatment, and groundwater recharge.



Flood Control



Runoff Treatment



Groundwater Recharge

BROADER TOPICS & COURSE STRUCTURE



Wastewater Reuse

A Holistic Approach to Water



Drinking Water Conservation
conservation, and energy recovery from water systems.



Energy Recovery from Water Systems



Benefits

Impacts

Tools for Sustainable Design

Use Life Cycle Analysis and Environmental impact Assessments to balance benefits and impacts.

COURSE ASSESSMENT BREAKDOWN

