

## Exam Blueprint

The Green Infrastructure (GI) practices focused on in the National Green Infrastructure Certification Program (NGICP) are as follows: bioretention (rain gardens, bioretention cells, curb extensions/bulb-outs, bioswales, stormwater planters), rainwater harvesting (rain barrels and cisterns), permeable pavements (porous concrete, pervious asphalt and permeable pavers), green roofs and blue roofs, dry wells and stormwater wetlands.

Presented below are the weightages for various sections:

Watershed Fundamentals	6-10%
Apply the key concepts of basic hydrology/hydrologic function	
Apply the basic concept and recognize the environmental benefits of stormwater management and green infrastructure	

Green Infrastructure (GI) Practices	19-23%
Identify the basic functionality of various GI practices	
Identify the purpose, functionality and properties of the basic physical components of GI practices	
Apply key concepts related to the lifecycle of GI practices	
Identify the terminology used to describe various GI practices	

GI Methods and Materials	50-54%
Recognize the appropriate application of equipment for the construction or the maintenance of a GI practice	
Apply the key concepts of site layout and grade checking	
Recognize the purpose of common GI construction materials	
Apply the key concepts of basic vegetation management and establishment	
Recognize the significance of and identify the procedure for proper storage and handling of materials	
Recognize the significance of and identify the procedure for water management, as well as, erosion and sediment control during the construction and maintenance of a project	
Identify potential site safety hazards associated with GI practices and personal protective equipment (PPE)	
Read and comprehend architectural and engineering drawings	
Recognize adjacent and related infrastructure variables as they pertain to GI	

GI functionality and Appearance	17-21%
Recognize GI-related performance issues	
Diagnose the cause of common GI failures	
Recognize adequate and comprehensive documentation of GI practices	