

48-795 A4 LEED, Green Infrastructure & Community Rating in Global Context

LEED v4 for Neighborhood Development Plan Project Checklist				Project Name:			
				Date:			
Yes	?	No		Yes	?	No	
0	0	0	Smart Location & Linkage	28	0	0	Green Infrastructure & Buildings
Y			Prereq: Smart Location	Required	Y		Prereq: Certified Green Building
Y			Prereq: Impaired Species and Ecological Communities	Required	Y		Prereq: Minimum Building Energy Performance
Y			Prereq: Wetland and Water Body Conservation	Required	Y		Prereq: Indoor Water Use Reduction
Y			Prereq: Agricultural Land Conservation	Required	Y		Prereq: Construction Activity Pollution Prevention
Y			Prereq: Floodplain Avoidance	Required	Y		Credit: Certified Green Buildings
			Credit: Preferred Locations	10			Credit: Optimize Building Energy Performance
			Credit: Brownfield Remediation	2			Credit: Indoor Water Use Reduction
			Credit: Access to Quality Transit	7			Credit: Outdoor Water Use Reduction
			Credit: Bicycle Facilities	2			Credit: Building Reuse
			Credit: Housing and Jobs Proximity	3			Credit: Historic Resource Preservation and Adaptive Reuse
			Credit: Steep Slope Protection	1			Credit: Minimized Site Disturbance
			Credit: Site Design for Habitat or Wetland and Water Body Conservation	1			Credit: Rainwater Management
			Credit: Restoration of Habitat or Wetlands and Water Bodies	1			Credit: Heat Island Reduction
			Credit: Long Term Conservation Management of Habitat or Wetlands and Water Bodies	1			Credit: Solar Orientation
							Credit: Renewable Energy Production
							Credit: District Heating and Cooling
							Credit: Infrastructure Energy Efficiency
							Credit: Wastewater Management
							Credit: Recycled and Reused Infrastructure
							Credit: Solid Waste Management
							Credit: Light Pollution Reduction
0	0	0	Neighborhood Pattern & Design	41	0	0	Innovation & Design Process
Y			Prereq: Walkable Streets	Required	Y		Credit: Innovation
Y			Prereq: Compact Development	Required	Y		Credit: LEED® Accredited Professional
Y			Prereq: Connected and Open Community	Required			
			Credit: Walkable Streets	9			
			Credit: Compact Development	6			
			Credit: Mixed Use Neighborhoods	4			
			Credit: Housing Types and Affordability	7			
			Credit: Reduced Parking Footprint	1			
			Credit: Connected and Open Community	2			
			Credit: Transit Facilities	1			
			Credit: Transportation Demand Management	2			
			Credit: Access to Civic & Public Space	1			
			Credit: Access to Recreation Facilities	1			
			Credit: Visibility and Universal Design	1			
			Credit: Community Outreach and Involvement	2			
					0	0	Regional Priority Credits
							Credit: Regional Priority Credit: Region Defined
							Credit: Regional Priority Credit: Region Defined
							Credit: Regional Priority Credit: Region Defined
							Credit: Regional Priority Credit: Region Defined



Community & Infrastructure Rating Systems

48-787 A4: LEED, Green Infrastructure and Community Rating in Global Context

Units: 6

Coordinator: Nina Baird

If you're interested in community and infrastructure design, have you considered how "green" strategies may vary around the world? Are there universal goals for the design of sustainable transportation, water systems or energy infrastructure, or is there a national or local context? This graduate level mini course compares global community and infrastructure rating systems to gain perspective about these topics. The course uses two rating systems—the LEED Cities & Communities Rating System and Envision, from the Institute for Sustainable Infrastructure—as springboards for exploration and discussion of world rating systems that address these topics. The course provides a foundation for taking USGBC's LEED Green Associate and/or LEED Accredited Professional exams, or the ISI Envision Sustainability Professional exam, and is designed to hone critical thinking about sustainable urban design and infrastructure development in a global context.

