

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

LEED v4 for Neighborhood Development Plan Project Checklist

Project Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Yes	?	No		Points	Yes	?	No		Points
0	0	0	<b>Smart Location &amp; Linkage</b>	<b>28</b>	0	0	0	<b>Green Infrastructure &amp; Buildings</b>	
Y			Prereq: Smart Location	Required	Y			Prereq: Certified Green Building	
Y			Prereq: Imperiled 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				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: Sleep Stage 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	
0	0	0	<b>Neighborhood Pattern &amp; Design</b>	<b>41</b>				Credit: Renewable Energy Production	
Y			Prereq: Walkable Streets	Required				Credit: District Heating and Cooling	
Y			Prereq: Compact Development	Required				Credit: Infrastructure Energy Efficiency	
Y			Prereq: Connected and Open Community	Required				Credit: Waste Water Management	
			Credit: Walkable Streets	9				Credit: Recycled and Reused Infrastructure	
			Credit: Compact Development	6				Credit: Solid Waste Management	
			Credit: Mixed-Use Neighborhoods	4				Credit: Light Pollution Reduction	
			Credit: Housing Types and Affordability	7	0	0	0	<b>Innovation &amp; Design Process</b>	
			Credit: Reduced Parking Footprint	1				Credit: Innovation	
			Credit: Connected and Open Community	2				Credit: LEED® Accredited Professional	
			Credit: Transit Facilities	1					
			Credit: Transportation Demand Management	2	0	0	0	<b>Regional Priority Credits</b>	
			Credit: Access to Civic & Public Space	1				Credit: Regional Priority Credit: Region Defined	
			Credit: Access to Recreation Facilities	1				Credit: Regional Priority Credit: Region Defined	
			Credit: Visibility and Universal Design	1				Credit: Regional Priority Credit: Region Defined	
			Credit: Community Outreach and Involvement	2				Credit: Regional Priority Credit: Region Defined	



Institute for Sustainable Infrastructure



QUALITY OF LIFE



LEADERSHIP



RESOURCE ALLOCATION



NATURAL WORLD



CLIMATE AND RISK

Community & Infrastructure Rating Systems

**48-795 A4: LEED**  
**Units: 6**  
**Instructor: 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? 48795 A4 is a graduate level mini-course that 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 your critical thinking about sustainable urban design and infrastructure development in a global context.

