



Carnegie Mellon University

School of Architecture

College of Fine Arts, CFA 201

Carnegie Mellon University

Pittsburgh, PA 15213

Rating Green Buildings

PBRS Green Mark
CASBEE LEED DGNB
BEAMPlus Lotus BREEAM
Green Globes HQE
GSAS GRIHA IGBC

LEED Scorecard

▼ INTEGRATIVE PROCESS	0 / 1	
▼ LOCATION AND TRANSPORTATION	0 / 16	
▼ SUSTAINABLE SITES	0 / 10	
▼ WATER EFFICIENCY	0 / 11	
▼ ENERGY & ATMOSPHERE	0 / 33	
▼ MATERIALS & RESOURCES	0 / 13	
▼ INDOOR ENVIRONMENTAL QUALITY	0 / 16	
▼ INNOVATION	0 / 6	
▼ REGIONAL PRIORITY CREDITS	0 / 4	

Photo Source for LEED Scorecard: US Green Building Council

487-95 A3: LEED, Green Design and Building Rating in Global Context

Units: 6

Instructor: Nina Baird, PhD

Course Description: Are you interested in how sustainable building design may be approached differently around the world? Do countries that use little energy or water per capita define sustainable buildings the same way as countries that are far more resource-intensive? 48795 A3, LEED, Green Design and Building Rating in Global Context, is a graduate level mini-course that uses global building rating systems to gain perspective about sustainable design around the world. The course is organized within the framework of the US Green Building Council's Leadership in Energy and Environmental Design (LEED) Rating Systems. Within that framework, we explore LEED strategies and its credit structure, and compare these with the building characteristics, strategies and credit structure in building rating systems from other countries. We also discuss emerging issues that may be omitted from rating systems, and the design of the rating system itself, its implementation, and the national context in which the system was created. The course provides a foundation for taking USGBC's LEED Green Associate and/or LEED Accredited Professional exam and is designed to develop your understanding of, and hone your critical thinking about the sustainable buildings in a global context.