ON CAMPUS

Graduate Certificate in
Applied Sustainability

PROGRAM HIGHLIGHTS

- Leading faculty and industry experts provide interdisciplinary perspectives on urban sustainability issues, sharing valuable expertise that will help you advance your career in the burgeoning sustainability economy.

- The four-course graduate certificate curriculum can be completed in just one semester, in coordination with the department.

- Earn the certificate on its own or in conjunction with the Master of Urban Affairs or Master of City Planning degree programs. Course credit earned in this certificate program may be applied to the MUA or the MCP programs.

The Graduate Certificate in Applied Sustainability provides a unique interdisciplinary perspective on what it takes to make urban and economic development compatible with the natural environment. Coursework guides students through the foundations of ecology; current theories of sustainability; methods for optimizing important resources such as energy and water; building management techniques; and the politics, law, and economics of the global green movement.

This certificate is appropriate for individuals currently in roles as sustainability professionals as well as those seeking to enter this expanding and high-demand field. Architects, facilities managers, city planners, and IT experts have the opportunity to fill gaps in their existing knowledge, whereas those just beginning careers in these or related fields will gain the foundation to make green thinking central to their work from the outset.

A recent report by Navigant Research shows that global energy efficiency spending is projected to grow from $25.6 billion in 2017 to $56.1 billion in 2026. This promising investment in green values makes it an opportune time to build up your knowledge of applied sustainability. Credits earned in pursuit of the Graduate Certificate in Applied Sustainability may subsequently be applied to BU’s City Planning & Urban Affairs master’s degree programs. To learn more about alumni testimonials, internship opportunities, and more, visit our website at bu.edu/cityplanning.
PROGRAM REQUIREMENTS

Graduate Certificate in Applied Sustainability
(four courses/16 credits)

Foundation Courses (two courses/8 credits)

- MET UA 617  Actionable Sustainability
- MET UA 627  Sustainable Cities

Electives (two courses/8 credits)

Students may choose two electives from a wide array of sustainability-related courses.

Sample Elective Courses:

- MET UA 521  Environmental Law, Policy, and Justice
- MET UA 527  Feeding the City: Urban Food
- MET UA 610  Environmental Urban Issues
- MET UA 613  Urban Design and Development
- MET UA 619  Urban Transportation Policy and Planning
- MET UA 629  Urbanization and Environment
- MET UA 654  GIS and Spatial Analysis

Special Topics Courses:

- MET UA 510  Public Health and the Built Environment
- MET UA 510  Sustainable Energy Planning
- MET UA 510  Transit Oriented Development in the 21st Century
- MET UA 510  Developing Sustainable Communities

Note: If a required course is not offered within the academic year (fall, spring, and summer sessions), students may request to take a replacement course. The request must be approved by the academic advisor.

LEARN MORE

If you have further questions, please contact us or visit us online:

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