The management adage “What Gets Measured Gets Done” is particularly true as it relates to the implementation of sustainability initiatives. The Certificate in Sustainability Analytics trains professionals to develop skills in analytic methods and quantitative analysis that enable practitioners to measure, report, and communicate the sustainability of organizations, products, and services.

Upon completion of this program, students will possess the knowledge and tools to track sustainability indicators, analyze and interpret data, and report upon the findings to industry, non-profit, and government decision makers. The certificate focuses on key topics in reporting, accounting, metrics and indices, and monitoring procedures. Students who complete the certificate will have a strong framework that can be used to benchmark performance and develop future sustainability initiatives.

The Certificate in Sustainability Analytics can be taken as a complement to other graduate degree programs — or it can be taken separately as a stand-alone certificate.

All courses are offered in the evening to accommodate the schedules of students working full time. The certificate can be completed through part-time or full-time enrollment. Students enrolled on a part-time basis can complete the certificate requirements in as many as four semesters. Students enrolled on a full-time basis can complete the certificate requirements in one semester.

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The Certificate in Sustainability Analytics requires the successful completion of 12 credits, where students choose four 3-point courses from the following course offerings:

- Green Accounting
- Cost Benefit Analysis
- Sustainability Communications Strategy and Reporting
- GHG Emissions: Measuring and Minimizing the Carbon Footprint
- Energy Analysis for Energy Efficiency
- Decision Models and Management
- Statistics for Sustainability Management
- Sustainability Metrics
- Geographic Information Systems (GIS) for Sustainability Management

Columbia University’s Earth Institute and School of Continuing Education developed the new Certificate in Sustainability Analytics to address the need to formally train managers in specific quantitative and technical skills central to practicing sustainability.
COMMUNITY
Sustainability Analytics Certificate students are members of the Earth Institute and the School of Continuing Education communities. The Earth Institute is affiliated with more than 30 academic programs at Columbia University and has developed numerous innovative courses that train students to understand and address the pressing and complex issues of environmental protection and sustainability. The Earth Institute, with its 30 research centers and programs, is conducting and applying interdisciplinary scientific research to address many cross-cutting issues, while training a new generation of problem solvers to tackle these issues in all areas of society. Finding solutions to one problem involves tackling other related challenges within complex systems.

Certificate students are an integral part of our network of emerging sustainability professionals and are encouraged to take advantage of all University and cocurricular events and resources.

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TO APPLY
Admission to the program is highly selective. Prospective students interested in learning about the program are encouraged to meet with the program director, the assistant director, and faculty.

The application deadline for Fall 2013 admission is May 15.

For more information about the Certificate in Sustainability Analytics, please visit

> The Earth Institute: earth.columbia.edu/sustainabilityanalytics
> School of Continuing Education: ce.columbia.edu/postbaccalaureate-studies/certificate-in-sustainability-analytics

Office of Admissions
Mail Code 4119
203 Lewisohn Hall
2970 Broadway
New York, NY 10027-6902
212-854-9666
ce-info@columbia.edu

Allison Ladue
Assistant Director
M.S. in Sustainability Management
The Earth Institute,
Columbia University
212-851-9361
aladue@ei.columbia.edu