
Climate Change and Business Program Climate Courses Roadmap

The Climate Change and Business Program at Columbia Business School aims to coordinate and enhance curriculum for business students, including climate change-related courses at the Business School and relevant courses across campus.

*This document is current as of spring 2018.

Cross-registration Course Offerings

MBA students may count a combined maximum of 6 credits of graduate-level courses from other Columbia schools, independent study, cross-cultural seminar, and global business project toward the MBA degree. For details, please review the [MBA degree requirements](#).

Each school has its own procedures for approving cross-registration requests. Most require obtaining the approval of the instructor and/or a representative of the school's academic affairs office. Since this usually takes place after classes begin, students may wish to bid for a full schedule of business courses and then drop one if they are approved for cross-registration.

Those who wish to register for courses in other divisions must first have their request approved by the other school. Students should bring the [University add/drop form](#), signed by the appropriate official at the other school, to the Business School's Office of Student Affairs in Uris Hall Room 113 where they will be officially registered. If students decide to drop a course from another school, that must also be done through the Business School's Office of Student Affairs.

For further information about cross registering for courses, please see the [cross-registration](#) webpage.

The Tamer Center does not have information about cross-campus course ratings, and therefore cannot speak to the quality of cross-registration courses. This information is provided for informational purposes only; we recommend talking to academic affairs and other students across campus who have taken the course before cross-registering. You may also access the ratings for all Columbia classes by logging in to [CourseWorks](#) and clicking on the "Search for Evaluations" tab.

Schools across campus that offer climate related courses include:

1. School of International and Public Affairs (SIPA)
2. School of Engineering and Applied Science (SEAS)
3. Columbia Law School
4. Graduate School of Architecture, Planning and Preservation (GSAPP)
5. The Earth Institute, Sustainability Management Courses (School of Professional Studies)
6. The Earth Institute, Climate and Society Courses (Graduate School of Arts and Sciences)
7. Mailman School of Public Health

1. School of International and Public Affairs (SIPA):

Students can view classes available to non-SIPA students on the [SIPA website](#). Business School students do not use SSOL to register for classes, so if you would like to register for "open" or "instructor managed" courses, please email the [Business School's Office of Student Affairs](#), go in person to 105/111 Uris Hall for cross-registration information, or submit an [add/drop](#) form to Uris 113. "Open" courses do not require a signature from SIPA, while "instructor managed"

courses require approval by the instructor before a student is permitted to register. All registration will occur according to SIPA's registration period.

- [INAF U6072](#) Energy Systems Fundamentals
- [INAF U6071](#) Environmental Fundamentals
- [INAF U5218](#) Environmental Conflict Resolution Strategies
- [INAF U6040](#) International Energy Project Finance
- [INAF U6051](#) Infrastructure Investment and Development
- [INAF U6061](#) Global Energy Policy
- [INAF U6065](#) Economics of Energy
- [INAF U6066](#) Energy and Power Financing Markets
- [INAF U6068](#) Economic Analysis of Environmental Policies
- [INAF U6074](#) Current Issues in Energy Policy
- [INAF U6076](#) Energy Management
- [INAF U6079](#) Clean Energy Financial Innovation
- [INAF U6084](#) Energy and National Security
- [INAF U6116](#) Infrastructure Cost Benefit Analysis
- [INAF U6135](#) Renewable Energy Markets and Policy
- [INAF U6230](#) Corporate Sustainability and the Role of Government in Advancing Environmental & Social Performance
- [INAF U6238](#) Environmental Finance: Scaling Up Clean Energy
- [INAF U6242](#) Energy Policy
- [INAF U6243](#) International Environmental Policy
- [INAF U8910](#) Food, Farming, & Famine: Struggles for Sustainability
- [INAF U8912](#) Technology, Innovation, and Sustainable Goals*
- [ENVP U6115](#) Climatology
- [ENVP U6230](#) Economics of Sustainable Development
- [ENVP U6233](#) Environmental Finance Prep
- [ENVP U6235](#) Environmental Finance
- [ENVP U6239](#) Politics and Policy of Urban Sustainability
- [ENVP U6320](#) Political Context of Public/Private Environmental Management
- [ENVP 06400](#) Financing the Green Economy: Markets, Business, & Politics
- [SDEV U6240](#) Environmental Science for Sustainable Development
- [SDEV U6260](#) Disasters and Development
- [PUAF U6190](#) Extractive Industries and Sustainable Development
- [REGN U6149](#) Energy, Corporate Responsibility, & Human Rights

2. School of Engineering and Applied Science (SEAS):

Non-SEAS students must inquire with the department about cross-registration procedures. More information can be found [here](#). Industrial Engineering courses are open for cross-registration if space permits. Available courses, guidelines, and the application form can be found on [their website](#). MBA students interested in registering for a course in earth and environmental engineering or civil engineering need to get permission from the instructor on an [add/drop form](#) during the add/drop period, then take the form to [the department](#) to have them sign it. Once you have the instructor's and the department's approval, take the form to the Business School's Office of Student Affairs in Uris 113 to officially register.

- [EAAA E2100](#) A Better Planet by Design
- [EAAA E4300](#) Introduction to Carbon Management
- [EAAA E4301](#) Carbon Storage
- [EAAA E4302](#) Carbon Capture
- [EAAA E4304](#) Closing the Carbon Cycle

- [EAEE E6212](#) Carbon Sequestration
- [MECE E4210](#) Energy Infrastructure Planning
- [MECE E4314](#) Energy Dynamics of Green Buildings
- [CIEE E3255](#) Environmental Control and Pollution Reduction Systems
- [CIEE E4163](#) Sustainable Water Treatment and Reuse
- [CIEE E4252](#) Environmental Engineering
- [ECIA W4100](#) Management & Development of Water Systems
- [IEORE4570](#) Hacking for Energy

3. Columbia Law School:

Visit this [website](#) for information about the Law School's process for cross-registration. Fill out the [cross-registration application for non-law students](#). Submit the completed form with the instructor's signature to the Law School's Office of Registration Services for review. The office is located in Room 500 of William & June Warren Hall, 1125 Amsterdam Avenue (corner of 115th Street). If approved for the course, you must then bring the paperwork to the Business School's Office of Student Affairs in Uris 113 to be officially registered. Be aware that Law School courses usually begin a week before Business School courses. Check with the Law School regarding the date of the first class.

- [L6038](#) Climate Change Law and Policy
- [L6040](#) International Environmental Law
- [L6242](#) Environmental Law
- [L8036](#) S. Natural Resources Law
- [L8362](#) S. Environmental Issues in Business Transactions
- [L8451](#) S. Advanced Climate Change Law
- [L8452](#) Energy Regulation
- [L8454](#) S. Extractive Industries and Sustainable Development

4. Graduate School of Architecture, Planning, and Preservation (GSAPP):

To request cross-registration in the Graduate School of Architecture, Planning, and Preservation, follow the instructions on their [website](#). MBA students who wish to take courses within the Graduate School of Architecture, Planning, and Preservation will need the approval of the GSAPP Office of Admissions & Student Affairs. Permission to register in a course is not granted by the instructor. Cross-registration for GSAPP courses will take place during the first and second week of classes only. Interested students should first consult the list of open courses posted on the first day of class outside of the Office of Admissions & Student Affairs (400 Avery Hall). Registration for these courses is immediate, and can be done via the paper add/drop form in 400 Avery Hall. If approved, you must notify the Business School's Office of Student Affairs in Uris Hall room 113.

- [A4059-1](#) Global Cities & Climate Change
- [Pla4579-1](#) Intro to Environmental Planning

5. The Earth Institute, Sustainability Management Courses (School of Professional Studies):

- [SUMA PS4100](#) Sustainability Management
- [SUMA PS4190](#) Economics of Sustainability Management
- [SUMA PS4145](#) The Science of Sustainable Water
- [SUMA PS4235](#) The Science of Urban Ecology
- [SUMA PS4734](#) Earth Institute Practicum
- [SUMA PS5020](#) Cost Benefit Analysis
- [SUMA PS5025](#) Corporate Sustainability Reporting and Strategy
- [SUMA PS5035](#) Greenhouse Gas (GHG) Emissions: Measuring and Minimizing the Carbon Footprint
- [SUMA PS5130](#) Sustainable Cities
- [SUMA PS5135](#) Energy Analysis for Energy Efficiency
- [SUMA PS5140](#) Sustainability Science
- [SUMA PS5142](#) Sustainable Finance
- [SUMA PS5147](#) Water Resources and Climate
- [SUMA PS5150](#) Energy and Sustainable Development
- [SUMA PS5155](#) Energy Markets and Innovation
- [SUMA PS5162](#) Responsibility and Resilience in the Built Environment
- [SUMA PS5169](#) Sustainability Metrics
- [SUMA PS5170](#) Sustainable Operations
- [SUMA PS5175](#) Global Environmental Markets
- [SUMA PS5197](#) Financing the Clean Energy Economy
- [SUMA PS5205](#) Geographic Information Session (GIS) for Sustainability Management
- [SUMA PS5230](#) The Earth's Climate System
- [SUMA PS5240](#) Sustainable Agriculture
- [SUMA PS5301](#) International Environmental Law
- [SUMA PS5320](#) Sustainable Investing and Economic Growth
- [SUMA PS5330](#) Disaster Risk Management and Sustainable Urban Resilience
- [SUMA PS5360](#) Sustainability Technology and the Evolution of Smart Cities
- [SUMA PS5370](#) Implementation of Corporate Sustainability Strategies
- [SUMA PS5440](#) ESG Investing and Responsible Investment Practices
- [SUMA PS5525](#) Sustainability & Consumerism
- [SUMA PS5650](#) Solar Project Development
- [SUMA PS5690](#) Environmental Infrastructure for Sustainable Cities
- [SUMA PS5700](#) Ethics and Values for Sustainability Management
- [SUMA PS5701](#) Water Governance
- [CNAD PS5130](#) Green Building and Sustainability: Tools and Techniques

6. The Earth Institute, Climate and Society Courses (Graduate School of Arts and Sciences):

Visit [this website](#) to find courses in specific programs or departments. Bring a completed University add/drop form, signed by the instructor, to the Business School's Office of Student Affairs in Uris Hall room 113.

- [EESC G6920](#) Dynamics of Climate
- [EESC GR5403](#) Managing and Adapting to Climate Change
- [EESC GU4404](#) Regional Climate and Climate Impacts
- [EESC GR5407](#) Applications in Climate and Society
- [EESC GU4020](#) Humans and the Carbon Cycle
- [EESC W4400](#) Dynamics of Climate Variability and Change
- [EESC W4401](#) Quantitative Models of Climate-Sensitive Natural and Human Systems
- [EESC W4403](#) Managing Climate Variability and Adapting to Climate Change

7. Mailman School of Public Health:

To request cross-registration in a Mailman School of Public Health course, follow the instructions on [this website](#). Take the [cross-registration application](#) form to the Mailman School of Public Health department offering the course to request permission, and obtain the signature of the [department coordinator/academic liaison](#). Bring this form to the Mailman School's Office of Student Affairs (OSA) for a final approval signature (722 West 168 Street, Suite 1014). Then, bring your completed [cross-registration application](#) to the Business School's Office of Student Affairs in Uris Hall room 113.

- [EHSC P6340](#) Sustainable Development and Global Environmental Health
- [EHSC P8302](#) Climate Information for Public Health Action
- [EHSC P8304](#) Public Health Impacts of Climate Change
- [SOSC P8715](#) Resolving Global Intractable Challenges: Frameworks, Innovations, and Change