SUSTAINABLE BUSINESS AND ECONOMIC POLICY MINOR

SC Johnson College of Business

Program Website (https://business.cornell.edu/programs/undergraduate/minors/)

Program Description

The sustainable business and economic policy minor equips students with frameworks and tools to understand the interrelationship between the economy and the environment. You will learn about the role of government in addressing environmental problems as well as emerging opportunities for private businesses as we transition to more sustainable economic development.

After completing foundational coursework in microeconomics and data analysis, you'll dive into core coursework that studies the root causes and potential solutions to a wide range of economic problems related to the environment, energy, and natural resources. Elective courses build on these ideas while focusing on specific topics, such as: sustainable business practices, renewable energy, and climate change.

Eligibility

All Cornell undergraduates except students enrolled in Dyson or in the Sustainable Business & Environmental Economics Concentration of the Environment & Sustainability major, and any majors that include overlap of two or more core courses. Students are eligible to sign up for the minor as early as their first year and no later than their sixth semester.

Academic Policies

A minimum of 12 unique credits (outside of major's core requirements) must be taken to complete any/all minors. Some majors may be required to take an additional course to satisfy this requirement. All courses must be taken for a letter grade, and a grade of C or better is required.

Minor Requirements

Required Credits

This minor requires 18 credits to complete, which includes 6 foundation credits and 12 core credits. From the total credits, 9 must be taken at Cornell University, and 9 must be Johnson College of Business (JCB) courses, which include any course code of AEM, HADM, NBA, or NCC. *Note - in many cases, the Cornell and JCB requirements will overlap (e.g. AEM 2600 Managerial Economics is a JCB course and a Cornell course, so it will satisfy 3 credits for each requirement).

Foundation Courses

This minor requires 3 credits in microeconomics and 3 credits in data analysis/econometrics/statistics before taking the minor's core courses. A letter grade of C or better is required.

Introductory Microeconomics (3 credits)

Code	Title	Hours
ECON 1110	Introductory Microeconomics	3

Data analysis | Econometrics | Statistics (3 credits)

One of the following courses is required:

Code	Title	Hours
AEM 2770	Excursions in Computational Sustainability	3
AEM 2830	VBA for Data Analysis and Business Modeling	3
AEM 2840	Python Programming for Data Analysis and Business Modeling	3
AEM 2850	R Programming for Business Analytics and Data Visualization	3
AEM 3100	Business Statistics	3
AEM 4110	Introduction to Econometrics	3
AEM 6850	Empirical Methods for Applied Economists	3
ECON 3120	Applied Econometrics	4
ECON 3140	Econometrics	4
ILRST 2110	Statistical Methods for the Social Sciences II	4
HADM 3740	Fundamentals of Database Management and Data Analysis	3
HADM 4010	Data Driven Analytics	3
PLSCI 2200	Introduction to Mapping and Spatial Analysis with GIS	3
PLSCI 4200	Geographic Information Systems (GIS): Concepts and Application	3
STSCI 4060	Python Programming and its Applications in Statistics	4
AEM 2100	Introductory Statistics	4
BTRY 3010	Statistics I	4
BTRY 3080	Probability Models and Inference	4
CEE 3040	Uncertainty Analysis in Engineering	4
CRP 1200	Introduction to Statistics for Urban Studies	3
ECON 3110	Applied Probability and Statistics	4
ECON 3120	Applied Econometrics	4
ECON 3130	Probability and Statistics	4
ENGRD 2700	Eng Probability and Statistics: Modeling and Data Science	4
ILRST 2100	Introductory Statistics and Data Science	4
ILRST 3080	Probability Models and Inference	4
ILRST 3110	Applied Probability and Statistics	4
MATH 1710	Statistical Theory and Application in the Real World	4
MATH 4710	Basic Probability	4
MATH 4720	Statistics	4
PUBPOL 2100	Introduction to Statistics	4
PUBPOL 2101	Statistics for Public Policy	4
PSYCH 2500	Statistics and Research Design	3
SOC 3010	Statistics for Sociological Research	4
STSCI 2100	Introductory Statistics and Data Science	4
STSCI 2150	Introductory Statistics for Biology	4
STSCI 2200	Statistics I	4
STSCI 3080	Probability Models and Inference	4
STSCI 3110	Applied Probability and Statistics	4

Core Requirements

The minor's core requirements (12 credits) must be fulfilled by taking courses from the list below. Please note that **9 credits must be Johnson College of Business (JCB) courses**.

A letter grade of C or better is required.

Advanced economic theory (6 credits)

The following course is required[1]:

Code	Title	Hours
AEM 2600	Managerial Economics	3

The following course is also required[2]:

Code	Title	Hours
AEM 2500	Environmental and Resource Economics	3

Environmental and resource economics (6 credits)

Two of the following courses are required:

Code	Title	Hours
AEM 2555	Corporate Sustainability	3
AEM 3115	Evaluation of Green Energy Strategies and Markets	3
AEM 4090	Environmental Finance and Markets	3
AEM 4490	Financial Markets and Sustainability	3
AEM 4500	Resource Economics	3
AEM 4510	Environmental Economics	3
AEM 4515		3
AEM 4580	The Economics and Psychology of Sustainable Business	1.5
AEM 4585	Sustainable Business	3
AEM 4880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future	3-4
HADM 4315	Nonprofit Social Enterprise and Food Justice	3
HADM 4500	Sustainable Development	4
NBA 6030	Strategies for Sustainability	1.5
NBA 6380	Finance and Sustainable Global Enterprise Colloquium	1

[1] Economics and Public Policy majors may continue to satisfy this requirement with ECON 3030 Intermediate Microeconomic Theory and PUBPOL 2000 Intermediate Microeconomics, but will be required to take an additional course under the Environmental and Resource Economics category in order to satisfy the unique credit requirement.

[2] AEM 1500 will not satisfy this requirement.