APPLIED ECONOMICS AND MANAGEMENT (MPS)

College of Agriculture and Life Sciences, SC Johnson College of Business

Program Website (https://dyson.cornell.edu/programs/graduate/)

CIP: 52.1399 | **HEGIS:** 2204.00 | **NYSED:** 39239

Program Description

The Master of Professional Studies (MPS) in Applied Economics and Management program entails 30 credit hours of training in applied economics and management through coursework and a capstone problem-solving project. All students are required to select one of six industry-focused concentrations. Students must meet general MPS AEM degree requirements in addition to concentration-specific coursework.

Program Information

- Instruction Mode: In Person
- Location: Ithaca, NY
- Minimum Credits for Degree: 30

- At least 30 credits in courses numbered 5000 or higher.
- At least 24 credits must be taken in the S.C. Johnson College of Business.
- A maximum of 6 graduate-level credits may be earned prior to admission and transferred in; these credits must be related to the subject of study and completed not more than 5 years before admission.
  - Students who complete their undergraduate degree at Cornell may only transfer graduate-level courses taken in the final semester toward the MPS-AEM requirements.
  - In any case, graduate-level coursework must not have counted toward the requirements of the undergraduate degree to be eligible for transfer.
  - Students who fail a course required to complete degree requirements, may take an equivalent graduate level course elsewhere and transfer in the credits provided the following apply:
    - The credit will not exceed the 6-credit transfer credit maximum.
    - The course is completed within two years of the initial expected graduation date.
    - The course is pre-approved by an advisor and Dyson School Registrar.
- Students may enroll in a maximum of 22 credits per semester (pre-enrollment is restricted to 18 credits).
- Up to 6 credits may be taken as S/U (satisfactory/unsatisfactory)
- Courses taken as Audit will not count towards the degree credit and students may only enroll in one audit course per semester.
- Special studies courses will not count towards the degree credit, including but not limited to AEM 6980 and AEM 7000.
- A minimum grade point average of 2.5 is required.
- Degree must be completed within 4 years of admission.
- Students are expected to complete the program in two semesters and should plan their schedules accordingly. Under certain circumstances, a student may be approved for an additional semester of full-time study. Additional semesters are only permitted with prior approval of the Dyson Registrar.
- The MPS with CEMS is designed as a three semester program and includes an exchange semester abroad.
- Students must be enrolled as full-time for all semesters (12 credit minimum). No part-time study is permitted.

Program Requirements

Code	Title	Hours
Core Requirements		
AEM 5305	Global Citizenship Seminar	1
AEM 5600	Managerial Economics	3
AEM 5700	MPS Management Communication	1.5
BTRY 6010	Statistical Methods I	4
AEM 6991	MPS Research Seminar I	3
AEM 6992	MPS Research Seminar II	3
AEM 6993	CEMS Masters in International Management Project [1]	6
Select 6 credits of quantitative methods from the following list: [2]		**6**
AEM 5111	Introduction to Econometrics	
AEM 5150	Price Analysis	
AEM 5410	Marketing Research	
AEM 5840	Python Programming for Data Analysis and Business Modeling	
AEM 5850	R Programming for Business Analytics and Data Visualization	
AEM 6061	Risk Simulation and Monte Carlo Methods	
AEM 6120	Applied Econometrics	
HADM 5760	Visual Basic for Applications: End-User Programming	
NBA 6200	Marketing Research	
NBA 6215	Introduction to Python for Business	
NBA 6550	Business Data Analysis with SQL	
NBA 6920	Machine Learning Applications in Business	
CEE 5102	Basics of Programming in Python	
CRP 5250	Methods for Spatial Economic and Demographic Analysis	
GDEV 5045	Data and Development	
STSCI 5010	Applied Statistical Computation with SAS	
STSCI 5040	R Programming for Data Science	
STSCI 5045	Python Programming and its Applications in Statistics	
STSCI 5120	R Programming for Data Science	
STSCI 5740	Data Mining and Machine Learning	
Concentration Requirements		
In addition to the core requirements, students must complete 9 additional credits in one of six concentrations:		9
Behavioral Finance		
Behavioral Marketing		
Sustainable Business and Economic Policy		
Business of Food		
International Development Economics		
Technology Management		

A course may not be used to fulfill both the quantitative methods elective requirement and a concentration requirement.

[1] Students participating in the CEMS program only in place of AEM 6991 MPS Research Seminar I and AEM 6992 MPS Research Seminar II.
[2] Only one course in Python may be taken toward the quantitative methods requirement.

Concentrations

Behavioral Finance

Code	Title	Hours
AEM 5230	Behavioral Finance	3
AEM 6140	Behavioral Economics and Managerial Decisions	3
Select a minimum of 3 credits of electives from the following list:		3
AEM 5280	Valuation of Capital Investment	
AEM 5570	Corporate Finance	
AEM 5670	Investments	
AEM 6150	Applied Behavioral Economics in Finance and Marketing	
AEM 6681	Impact Finance	
NBA 5060	Financial Statement Analysis	
NBA 5090	Advanced Financial Statement Analysis (crosslisted)	
NBA 5111	Foundations of Financial Modeling	
NBA 5130	International Finance Cases	
NBA 5420	Investment and Portfolio Management	
NBA 5550	Fixed Income Securities and Interest Rate Options	
NBA 5590	The Venture Capital Industry and Private Equity Markets	
NBA 6060	Evaluating Capital Investment Projects	
NBA 6740	Derivatives Securities Part II	
NBA 6730	Derivatives Securities Part I	

Behavioral Marketing

Code	Title	Hours
AEM 6140	Behavioral Economics and Managerial Decisions	3
AEM 6440	Consumer Behavior	3
or HADM 6470	Consumer Behavior	
Select a minimum of 3 credits of electives from the following list:		3
AEM 5435	Data Driven Marketing	
AEM 5550	Marketing Strategy	
AEM 6150	Applied Behavioral Economics in Finance and Marketing	
AEM 6700	Economics of Consumer Demand	
NBA 6090	Digital Marketing	
NBA 6220	Marketing Strategy	
NBA 6290	Special Topics in Marketing	
NBA 6340	Customer Analytics and Strategy	
NBA 6390	Data Driven Marketing	
NBA 6620	Brand Management	
NBA 6930	Strategy and Tactics of Pricing	
NCC 5530	Marketing Management [1]	
PUBPOL 5400	Economics of Consumer Policy	

[1] Will not count as CEMS elective.

Sustainable Business and Economic Policy

Code	Title	Hours
Select minimum of 9 credits of electives from the following list:		9
AEM 5510	Environmental Economics	
AEM 5515	Business and Economics of Energy	
AEM 6490	Financial Markets and Sustainability	
AEM 6510	Environmental and Resource Economics	
AEM 6880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future (crosslisted)	
AEM 6960	Perspectives in Global Development (crosslisted)	
NBA 6030	Strategies for Sustainability	
NBA 6035	Organizational Change and Sustainability	
NBA 6370	Current Global Issues for Business: China, India, Latin America, Europe and beyond	
NBA 6380	Finance and Sustainable Global Enterprise Colloquium	
BEE 5299	Sustainable Development	
BEE 5459	Energy Seminar I	
CEE 5200	Economics of the Energy Transition	
CHEME 6661	Bioenergy and Biofuels Module	
NTRES 6350	Planning for Environmental Conservation and Sustainability	
PUBPOL 5418	Strategic Stakeholder Engagement	
PUBPOL 5717	Energy Transition: Policy, Financial, and Business Interactions	

Business of Food

Code	Title	Hours
AEM 6140	Behavioral Economics and Managerial Decisions	3
Select a minimum of 6 credits of electives from the following list:		6
AEM 5150	Price Analysis	
AEM 5260	Cooperative Business Management	
AEM 5270	Supply Chain Strategy and Supermarket Simulation	
AEM 5480	From Labels to Lab-Grown Meat: Consumer Behavior and the Food Industry	
AEM 6300	Policy Analysis: Welfare Theory, Agriculture, and Trade	
AEM 6455	Toward a Sustainable Global Food System: Food Policy for Developing Countries	
AEM 6480	Food and Consumer Packaged Goods Industry Dynamics	
AEM 6485	Economics of Food and Malnutrition (crosslisted)	
AEM 6880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future (crosslisted)	
HADM 6310	Environmental, Social and Governance Strategy in the Food and Beverage Industry	
PLSCI 5140	Global Cropping Systems and Sustainable Development	

International Development Economics

Code	Title	Hours
Select a minimum of 9 credits of electives from the following list:		9
AEM 5150	Price Analysis	
AEM 5420	Emerging Markets	
AEM 6030	Contemporary Issues in Agricultural Finance	
AEM 6050	Agricultural Finance and Development	
AEM 6300	Policy Analysis: Welfare Theory, Agriculture, and Trade	
AEM 6410	Commodity Futures and Options	
AEM 6455	Toward a Sustainable Global Food System: Food Policy for Developing Countries	
AEM 6485	Economics of Food and Malnutrition (crosslisted)	
AEM 6880	Global Food, Energy, and Water Nexus – Engage the US, China, and India for Sustainable Future (crosslisted)	
AEM 6960	Perspectives in Global Development (crosslisted)	
HADM 6101	The Economics of Urban Real Estate Markets and the Built Environment	
NBA 5390	Profiles in Leadership	
NBA 5780	Consulting Problem-Solving Process	
NBA 6030	Strategies for Sustainability	
NBA 6035	Organizational Change and Sustainability	
NBA 6370	Current Global Issues for Business: China, India, Latin America, Europe and beyond	
NBA 6380	Finance and Sustainable Global Enterprise Colloquium	
CRP 5076	International Planning and Development Workshop	
CRP 6770	Seminar on Issues in African Development (crosslisted)	
GDEV 6820	Community Organizing and Development	
ILRGL 6350		
INFO 5505	Computing and Global Development	

Technology Management

Code	Title	Hours
AEM 5220	Digital Business Strategy	3
Select a minimum of 6 credits of electives from the following list:		6
AEM 5605	Predictive Analytics for Business Strategy	
AEM 5615	Digital Platform Strategy	
AEM 5650	Strategic Management of Technology and Innovation	
MGMT 5225	Systems and Analytics	
NBA 5180	Design and Innovation	
NBA 5410	Project Management	
NBA 6070	Designing and Building AI Solutions	
NBA 6480	Digital Technology Practicum	
NBA 6500	Strategic Operations Immersion Practicum	
NBA 6650	The Strategic Management of Technology and Innovation	
CEE 5970	Risk Analysis and Management	
INFO 5100	Visual Data Analytics for the Web	
INFO 5145	Privacy and Security in the Data Economy	
INFO 5240	Designing Technology for Social Impact	
INFO 5556	Business Intelligence Systems	

University Graduation Requirements
Requirements for All Students

In order to receive a Cornell degree, a student must satisfy academic and non-academic requirements.

Academic Requirements

A student's college determines degree requirements such as residency, number of credits, distribution of credits, and grade averages. It is the student's responsibility to be aware of the specific major, degree, distribution, college, and graduation requirements for completing their chosen program of study. See the individual requirements listed by each college or school or contact the college registrar's office (https://registrar.cornell.edu/service-resources/college-registrar-directory/) for more information.

Non-academic Requirements

Conduct Matters. Students must satisfy any outstanding sanctions, penalties or remedies imposed or agreed to under the Student Code of Conduct (Code) or Policy 6.4. Where a formal complaint under the Code or Policy 6.4 is pending, the University will withhold awarding a degree otherwise earned until the adjudication process set forth in those procedures is complete, including the satisfaction of any sanctions, penalties or remedies imposed.

Financial Obligations. Outstanding financial obligations will not impact the awarding of a degree otherwise earned or a student's ability to access their official transcript. However, the University may withhold issuing a diploma until any outstanding financial obligations owing to the University are satisfied.

Program Calendar for CEMS MPS
Fall 2025

Date	Event
August 18, 2025	First Day of Term
August 18, 2025	First Day of Instruction
September 1, 2025	Labor Day - No Classes
October 11-14, 2025	October Break
November 26-30, 2025	Thanksgiving Break
December 8, 2025	Last Day of Instruction
December 9-11, 2025	Study Days
December 12, 2025	First Day of Exams
December 20, 2025	Last Day of Exams
December 20, 2025	Last Day of Term

Both the Winter 2026 and Spring 2026 semesters follow the Standard Academic Calendar (https://catalog.cornell.edu/enrollment-credit-requirements/academic-calendar/).