

Applied Economics and Management: Degree Requirements

CALS Distribution Requirements

Physical Sciences Requirements

Minimum 18 credits:

Required by AEM: AEM 2100: Introductory Statistics, and Calculus (MATH 1106 or MATH 1110)

Introductory Life Sciences (2 courses that fulfill the CALS requirement)

Physics or Chemistry: Any 3 credit course offered by the physics or chemistry department

Other Physical/Life Science Course

Social Science & Humanities

Required by AEM: Economics Requirements (consists of at least 2 economics courses in the Social and Behavioral Analysis category, SBA)

*And a minimum of 2 courses of 3 or more credits from at least 2 different categories:**

Cultural Analysis (CA)

Historical Analysis (HA)

Human Diversity (D)*

Knowledge, Cognition, & Moral Reasoning (KCM)

Literature and the Arts (LA)

Foreign Language (FL)

**Starting with Fall 2009 freshman admits, at least one course must be from the Human Diversity category.*

Written & Oral Expression

*Minimum 12 credits:**

Written Expression (6 credits; e.g., First-Year Writing Seminar)

COMM 2010 or COMM 2030

Additional 3 credit course in writing or speaking (e.g., AEM 2000, COMM 3010)

**CALS requires 9 credits, AEM requires the additional 3 credit course.*

AEM Core Requirements

Management Requirements

AEM 1101: Introduction to AEM (*freshman only*)

AEM 1102: Personal Eval. and Development (*freshman only*)

AEM 1200: Introduction to Business Management

AEM 2210: Financial Accounting

AEM 2400: Marketing

AEM 3240 or 2240: Finance

One of the following:

AEM 4240: Management Strategy

AEM 4270: Agribusiness Strategy

Economics Requirements

ECON 1110: Introductory Microeconomics

ECON 1120: Introductory Macroeconomics

ECON 3130: Intermediate Microeconomic Theory

*or PAM 2000: Intermediate Microeconomics**

**ECON 3010 can replace both ECON 1110 and ECON 3130 (can replace ECON 3130 with a grade of B or better). ECON 3020 can replace ECON 1120 and ECON 3140 (can replace 3140 with a grade of B or better).*

Quantitative Methods Requirements

AEM 2100: Introductory Statistics

MATH 1106: Calculus for the Life and Social Sciences *or*

MATH 1110: Calculus I

At least one of the following:

AEM 4100: Business Statistics

AEM 4110: Introduction to Econometrics

AEM 4120: Computational Methods for Management and Economics

AEM 4170: Decision Models for Small/Large Businesses

AEM 4190: Strategic Thinking

MATH 1120: Calculus II

Applied Economics Requirements

At least 2 courses from 2 different categories: (6 credit minimum)

Environmental and Resource Economics

AEM 2500: Environmental and Resource Economics

AEM 4500: Resource Economics

AEM 4510: Environmental Economics

Economic Analysis

AEM 3310: Intro to Business Regulation

AEM 4140: Behavioral Economics and Managerial Decisions

AEM 4150: Price Analysis

AEM 4310: Agricultural and Food Policy

AEM 4320: Public-Private Sector Economic Linkages

International Trade and Development

AEM 2300: International Trade and Finance

AEM 4300: International Trade Policy

AEM 4350: The Political Economy of the WTO

AEM 4420: Emerging Markets

AEM 4540: China's and India's Growth Miracles

AEM 4640: Economics of Agricultural Development

AEM Specializations

Students must choose at least one of the following 10 specializations, and may choose no more than two. *Note: Courses may be used to satisfy the requirements for up to two specializations. Your faculty advisor may allow you to substitute courses other than what is listed for your specialization requirements.*

Accounting

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

AEM 3360: Intermediate Accounting I

AEM 3370: Intermediate Accounting II

6 additional credits in accounting to be taken elsewhere (e.g., cost accounting, financial reporting, tax accounting, professional auditing)

Note: Students graduating in 2009 or later must complete 6 additional credits from the following courses:

AEM 4520: Accounting for Mergers and Acquisitions

AEM 4531: Federal Income Taxation (or HADM 4422)

AEM 4530: Risk Management, Internal Control, and Assurance

NBA 5020: Managerial Cost Accounting

NBA 5060: Financial Statement Analysis

NBA 5090: Advanced Financial Analysis

NBA 5110: Financial Modeling

Agribusiness Management

AEM 2410: Marketing Plan Development

AEM 3020: Farm Business Management

AEM 3200: Business Law I

AEM 4270: Agribusiness Strategy

HADM 2210 or ILRHR 2600

At least 1 of the following:

AEM 3210: Business Law II

AEM 3290/3291: International Agribusiness Study Trip

AEM 3460: Dairy Markets and Policy

AEM 4030: Farm Management Study Trip

AEM 4040: Financial Management for Agriculture and Agribusiness

AEM 4050: Agricultural Finance

AEM 4310: Agricultural and Food Policy

Applied Economics

ECON 3140: Intermediate Macroeconomic Theory

Note: ECON 3020 can replace ECON 1120 and ECON 3140 (can replace 3140 with a grade of B or better).

At least 4 courses listed under Applied Economics Requirements and 1 course under Quantitative Methods Requirements that have not already been used to fulfill the AEM Core Requirements.

Note: MATH 1120 is strongly recommended, especially as preparation for graduate work in economics.

Entrepreneurship

AEM 1230: Foundations of Entrepreneurship and Business

AEM 2410: Marketing Plan Development

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

At least 8 elective credits from the following:

AEM 1210: Entrepreneurship Speaker Series

AEM 1220: Entrepreneurship in the Life Sciences

AEM 3250: Personal Enterprise & Small Business Mgmt.

AEM 3340: Women, Leadership, and Entrepreneurship

AEM 3380: Social Entrepreneurs, Innovators, and Solvers

AEM 4360: Entrepreneurial Leadership

AEM 4420: Emerging Markets

AEM 3220: Internet Strategies

AEM 4370: Innovation Strategy

NBA 3000: Entrepreneurship and Private Equity

Note: Any of the following courses, or other entrepreneurship courses outside AEM, may be substituted for up to 3 credits from the list of electives above: CHEME 5720, DEA 6450, ENGI 1270, HADM 4445, HE 4070, LSP 3950/6590, NBA 5900, NBA 5930

Environmental and Resource Economics

AEM 2500: Environmental and Resource Economics

AEM 4500: Resource Economics

AEM 4510: Environmental Economics

ECON 3140: Intermediate Macroeconomic Theory

Note: ECON 3020 can replace ECON 1120 and ECON 3140 (can replace 3140 with a grade of B or better).

Minimum 6 credits of ERE-related electives offered by the following departments: BIOEE, BEE, CRP, EAS, GOVT, NTRES, D SOC

Finance

AEM 2410: Marketing Plan Development

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

At least 3 of the following:

AEM 3360: Intermediate Accounting I

AEM 4050: Agricultural Finance

AEM 4210: Derivatives and Risk Management

AEM 4230: Contemporary Topics in Applied Finance

AEM 4260: Fixed Income Securities

AEM 4280: Valuation of Capital Investment

AEM 4290: International Finance

AEM 4620: Technology and Financial Markets

AEM 4940-002: Risk Simulation and Optimization

Food Industry Management

AEM 2410: Marketing Plan Development

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

AEM 3440: Consumer Behavior (or HADM 3347)

AEM 4430: Food Industry Strategy

AEM 4480: Food Merchandising

International Trade and Development

AEM 2300: International Trade and Finance

AEM 4420: Emerging Markets

At least 4 of the following:

AEM 3330: European Business Institutions

AEM 4290: International Finance

AEM 4300: International Trade Policy

AEM 4350: The Political Economy of the WTO & Globalization

AEM 4450: Food Policy for Developing Nations

AEM 4540: China's and India's Growth Miracles

AEM 4640: Economics of Agricultural Development

Marketing

AEM 2410: Marketing Plan Development & Team Building

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

AEM 3440: Consumer Behavior (or HADM 3347)

At least 2 of the following:

AEM 3210: Business Law II

AEM 3350: International Technology Marketing of Biotechnology

AEM 4020: Food and Brand Lab Workshop

AEM 4160: Strategic Pricing

AEM 4420: Emerging Markets

AEM 4550: Economics of Advertising

HADM 3343: Marketing Research for Decision Makers

Strategy

AEM 2410: Marketing Plan Development

AEM 3200: Business Law I

AEM 3230: Managerial Accounting

At least 3 of the following:

AEM 3210: Business Law II

AEM 3220: Internet Strategies

AEM 4130: Business Strategy Research

AEM 4140: Behavioral Economics and Managerial Decisions

AEM 4190: Strategic Thinking

AEM 4370: Technological Change and Innovation Strategy