

Applied Economics and Management: Degree Requirements

CALS Distribution Requirements

Physical Sciences (min. 11 credits)

Introductory Biology (2 courses)
Physics or Chemistry
Other Physical/Life Science Course

Social Science & Humanities (min. 6 credits)

*At least 2 courses of 3 or more credits from
2 different categories:*

Cultural Analysis (CA)
Historical Analysis (HA)
Knowledge, Cognition, & Moral Reasoning (KCM)
Literature and the Arts (LA)
Foreign Language (FL)

Written & Oral Expression (12 credits)

First-Year Writing Seminar (2 courses)
COMM 201 or COMM 203
Additional 3-credit course in writing or speaking
(e.g., AEM 200, COMM 301)
*CALS requires 9 credits, AEM requires the additional
3-credit course.*

*Note: AEM Core Requirements fulfill the remaining
CALS Distribution Requirements.*

Graduation Requirements

CALS Distribution Requirements	29 cr.
AEM Core Requirements	44 cr.
AEM Specialization Requirements	18 cr.
Electives	29 cr.
<i>Total Graduation Requirements</i>	<i>120 cr.</i>

AEM Core Requirements

Management Requirements

AEM 101: Introduction to AEM
AEM 102: Personal Evaluation and Development
AEM 220: Introduction to Business Management
AEM 221: Financial Accounting
AEM 240: Marketing
AEM 324: Finance
One of the following:
AEM 424: Management Strategy
AEM 427: Agribusiness Strategy
AEM 443: Food Industry Strategy

Economics Requirements

ECON 101: Introductory Microeconomics
ECON 102: Introductory Macroeconomics
ECON 313: Intermediate Microeconomic Theory
or PAM 200: Intermediate Microeconomics*
**ECON 301 can replace both ECON 101 and ECON 313
(can replace ECON 313 with a grade of B or better).
ECON 302 can replace ECON 102 and ECON 314
(can replace 314 with a grade of B or better).*

Quantitative Methods Requirements

AEM 210: Introductory Statistics
MATH 106: Calculus for the Life and Social Sciences
or MATH 111: Calculus I
At least one of the following:
AEM 410: Business Statistics
AEM 411: Introduction to Econometrics
AEM 412: Computational Methods for
Management and Economics
AEM 417: Decision Models for Small and Large
Businesses
AEM 419: Strategic Thinking
MATH 112: Calculus II

Applied Economics Requirements

At least 2 courses from 2 different categories:

Environmental and Resource Economics

AEM 250: Environmental and Resource Economics
AEM 450: Resource Economics
AEM 451: Environmental Economics

Economic Analysis

AEM 330: Managerial Economics and
Decision Making
AEM 331: Intro to Business Regulation
AEM 414: Behavioral Economics and Managerial
Decisions
AEM 415: Price Analysis
AEM 431: Agricultural and Food Policy
AEM 432: Public-Private Sector Economic Linkages

International Trade and Development

AEM 230: International Trade and Finance
AEM 430: International Trade Policy
AEM 435: The Political Economy of the WTO
AEM 442: Emerging Markets
AEM 449: Global Marketing Strategy
AEM 464: Economics of Agricultural Development

AEM Specializations

Students must choose at least one specialization, but may choose more than one. *Note:* Courses may be used to satisfy the requirements for more than one specialization.

Accounting

AEM 320: Business Law I
AEM 323: Managerial Accounting
AEM 336: Intermediate Accounting I
AEM 337: Intermediate Accounting II
6 additional credits in accounting to be taken elsewhere
(e.g., cost accounting, financial reporting, tax accounting, professional auditing)

Agribusiness Management

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development
AEM 302: Farm Business Management
AEM 320: Business Law I
AEM 427: Agribusiness Strategy
H ADM 211 or ILRHR 260

At least 1 of the following:

AEM 321: Business Law II
AEM 329: International Agribusiness Study Trip
AEM 346: Dairy Markets and Policy
AEM 403: Farm Management Study Trip
AEM 404: Advanced Agricultural Finance Seminar
AEM 405: Agricultural Finance
AEM 431: Agricultural and Food Policy

Applied Economics

ECON 314: Intermediate Macroeconomic Theory
*Note: ECON 302 can replace ECON 102 and ECON 314
(can replace 314 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 112 is strongly recommended, especially as preparation for graduate work in economics.

Environmental and Resource Economics

AEM 250: Environmental and Resource Economics
AEM 450: Resource Economics
AEM 451: Environmental Economics
ECON 314: Intermediate Macroeconomic Theory
*Note: ECON 302 can replace ECON 102 and ECON 314
(can replace 314 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

Entrepreneurship

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development
AEM 320: Business Law I
AEM 323: Managerial Accounting
At least 3 of the following:
AEM 120: Foundations of Entrepreneurship and Business
AEM 121: Entrepreneurship Speaker Series
or AEM 122: Entrepreneurship in the Life Sciences
AEM 325: Personal Enterprise and Small Business Management
or NBA 300: Entrepreneurship and Enterprise
AEM 321: Business Law II
AEM 334: Women, Leadership, and Entrepreneurship
AEM 425: Small Business Management Workshop
ENGRI 127: Introduction to Entrepreneurship and Enterprise Engineering

Finance

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development
AEM 320: Business Law I
AEM 323: Managerial Accounting
At least 3 of the following:
AEM 321: Business Law II
AEM 405: Agricultural Finance
AEM 420: Investments
AEM 421: Derivatives and Risk Management
AEM 423: Contemporary Topics in Applied Finance
AEM 426: Fixed Income Securities
AEM 428: Valuation of Capital Investment
AEM 429: International Finance
AEM 460: Security Trading and Market Making

Food Industry Management

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development
AEM 320: Business Law I
AEM 323: Managerial Accounting
AEM 344: Consumer Behavior (or H ADM 347 or PAM 323)
AEM 443: Food Industry Strategy
AEM 448: Food Merchandising

International Trade and Development

AEM 230: International Trade and Finance
AEM 442: Emerging Markets
At least 4 of the following:
AEM 333: European Business Institutions
AEM 430: International Trade Policy
AEM 435: The Political Economy of the WTO & Globalization
AEM 445: Food Policy
AEM 449: Global Marketing Strategy
AEM 464: Economics of Agricultural Development

Marketing

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development & Team Building
AEM 320: Business Law I
AEM 323: Managerial Accounting
AEM 344: Consumer Behavior (or H ADM 347 or PAM 323)
AEM 444: Marketing Strategy and Brand Management
At least 1 of the following:
AEM 321: Business Law II
AEM 335: International Technology Marketing of Biotechnology
AEM 342: Integrated Marketing Communications
AEM 442: Emerging Markets
AEM 449: Global Marketing Strategy
AEM 402: Food and Brand Lab Workshop
HADM 343: Marketing Research for Decision Makers

Strategy

AEM 222: Business Management Case Analysis
AEM 241: Marketing Plan Development
AEM 320: Business Law I
AEM 323: Managerial Accounting
At least 3 of the following:
AEM 321: Business Law II
AEM 322: Internet Strategies
AEM 330: Managerial Economics and Decision Making
AEM 413: Business Strategy Research
AEM 414: Behavioral Economics and Managerial Decisions
AEM 419: Strategic Thinking
AEM 437: Technological Change and Innovation Strategy
AEM 449: Global Marketing Strategy