

BS QUANTITATIVE BUSINESS ECONOMICS

SAMPLE COURSEWORK PATH

YEAR 1

FALL SEMESTER (13-20 CREDIT HOURS):

- Applied Calculus I¹ (MA 16010)* (3-5 cr) (EAI)
- Microeconomics (ECON 25100) (EAI)
- Written Communication² (3-4 cr) (EAI)
- Data Visualization & Inference (ECON 26000)^{3*} (GC)

UC Science (2-5 cr)

1 • OR Plane Analytics Geo & Calc (MA 16100) OR Analytic Geometry & Calc I (MA 16500)
 2 • Transformative Texts, Critical Thinking & Communications (SCLA 10100) OR First Year Composition (ENG 10600) OR Accelerated 1st Year Composition (ENGL 10800) OR Interdisciplinary Approaches in Writing (HONR 19903)
 3 OR • Introduction to Statistics (STAT 35000) OR Statistical Methods (STAT 51100)

SPRING SEMESTER (17 CREDIT HOURS):

- Macroeconomics (ECON 25200) (EAI)
- Oral Communication¹ (EAI)
- Elective
- Foundations of Business Ethics (MGMT 25500) (1 cr) (8wk)**
- Career Readiness & Exploration (MGMT 29500) (1 cr) (8wk)
- Elective
- Elective

1 • Transformative Texts: Critical Thinking & Communication II: Modern World (SCLA 10200) OR Fundamentals of Speech Communication (COM 11400) or Science Writing & Presentations (COM 21700) or Collaborative Leadership: Interpersonal Skills (EDPS 31500)

- Join a Learning Community
- Learn Requirements to make upper division

YEAR 2

FALL SEMESTER (13-16 CREDIT HOURS):

- Int. Microeconomic Theory (ECON 34000)* (GC)
- Elective or Major Selective
- Elective or Major Selective
- UC Human Cultures (Humanities) (3-4 cr)**
- UC Science, Tech & Society (1-3 cr)**

SPRING SEMESTER (15 CREDIT HOURS):

- Econometrics (ECON 36000)*
- Intermediate Macroeconomics (ECON 35200)* (GC)
- Elective or Major Selective
- **Strategic Business Writing (MGMT 33500)¹**
- Elective or Major Selective

¹ OR Business Writing (ENGL 42000) or Technical Writing (ENGL 42100)

- Pursue an internship
- Complete EAI courses to transition to Upper division
- Participate in a case competition
- Consider Study Abroad

YEAR 3

FALL SEMESTER (14-17 CREDIT HOURS):

- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective
- Cultural Competency I

UC Science (2-5 cr)

SPRING SEMESTER (15 CREDIT HOURS):

- Cultural Competency II
- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective

- Pursue an internship
- Consider Study Abroad

YEAR 4

FALL SEMESTER (14-15 CREDIT HOURS):

- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective (2-3 cr)

SPRING SEMESTER (12-15 CREDIT HOURS):

- Economics Capstone Research (ECON 49900)**
- Elective or Major Selective
- Elective or Major Selective
- Elective or Major Selective

- Apply to graduate

Legend: * Prerequisites required • Critical Course EAI - Economics Index Courses (Gold) Changed from previous year
 GC - Gateway Course UCC - University Core Curriculum

Your advising worksheet may vary. A sample schedule of courses is outlined above.

COURSES

REQUIRED MAJOR COURSES (32 CREDIT HOURS):

Foundations of Business Ethics (MGMT 25500)(1 cr)

Career Readiness & Exploration (MGMT 29500) (1 cr)

♦Microeconomics (ECON 25100) (3 cr) (EAI)

♦Macroeconomics (ECON 25200) (3 cr) (EAI)

♦Data Visualization and Inference¹ (ECON 26000) (3 cr) (GC)

♦Int. Microeconomic Theory (ECON 34000) * (3 cr) (GC)

♦Intermediate Macroeconomics (ECON 35200) * (3 cr) (GC)

♦Econometrics (ECON 36000) * (3 cr)

Economics Capstone Research (ECON 49900) (3cr)

♦Strategic Business Writing (MGMT 33500)² (3 cr)

Cultural Competency I

Cultural Competency II

1 OR •Introduction to Statistics (STAT 35000) OR Statistical Methods (STAT 51100)

2 OR •Business Writing (ENGL 42000) or Technical Writing (ENGL 42100)

MAJOR SELECTIVES (33 CREDIT HOURS):

Business Economics Selectives (9 cr)

at least one at the 400 level

Antitrust Economics (ECON 36100)

International Trade (ECON 37000)

Money & Banking (ECON 38000)

Industrial Organization (ECON 46100)

International Economics (ECON 46600)

Game Theory (ECON 45100)

Economics Analytics Requirement (3 cr)

Computational Economics (ECON 37300)*

Adv Data Analysis & Machine Learning (ECON 46300)*

Business Selectives (9 cr)

Introductory Accounting (MGMT 20000)

Management Science (MGMT 30600)

Financial Management (MGMT 31000)*

Int Acct for Non-Acct Majors (MGMT 35300)*

Strategic Management (MGMT 352000) *

Operations Management (MGMT 36100)*

Management Information Systems (MGMT 38200)*

Analytics Selectives (6 cr)

Python for Business (MGMT 38800)

Financial Data Analysis & Modeling (MGMT 41310)*

Marketing Analytics (MGMT 42110)*

Adv Spreadsheet Modeling & Simulation (MGMT 47200)*

Data Mining (MGMT 47300)*

Predictive Analytics (MGMT 47400)*

Computational Economics (ECON 37300) or

Adv Data Analysis & Machine Learning (ECON 46300)

(if not used for analytics requirement)

Economics Selectives (6 cr)

Any ECON 30000 or 40000 (except ECON 30100)

not used to fulfill another requirement

OTHER COURSE REQUIREMENTS (17-29 CREDIT HOURS):

♦Applied Calculus I (MA 16010)* (3-5 cr) (EAI)

♦Oral Communication (3 cr) (EAI)

♦Written Communication (3-4 cr) (EAI)

(2) UCC: Science Electives (4-10 cr)

UCC: Human Cultures: Humanities Elective (3-4 cr)

UCC: Science, Tech & Society Elective (1-3 cr)

ELECTIVES

(26-40 CREDIT HOURS):

Courses of your choice

ECONOMICS ADMISSION INDEX

EAI courses are designed to prepare you for upper division courses. Before you can enroll in any upper division courses (300 or higher level School of Business courses), you'll need to complete your EAI and meet all the requirements outlined for your major. Your advising worksheet may vary. EAI Courses are marked in your four year plan of study above.

1 Complete all EAI courses with a 2.75 or above EAI GPA and a 2.5 cumulative GPA

2 Have a C- or higher in all EAI and ECON Courses

3 Not be on academic probation



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