# BS Quantitative Business Economics

## Sample Coursework Path

### Year 1

#### Fall Semester (13-20 Credit Hours):
- **Applied Calculus I** (MA 16010) (3-5 cr) (EAI)
- **Microeconomics** (ECON 25100) (EAI)
- **Written Communication** (3-4 cr) (EAI)
- **Data Visualization & Inference** (ECON 26000)* (GC)
- **UC Science** (2-5 cr)

#### Fall Semester (13-16 Credit Hours):
- **Int. Microeconomic Theory** (ECON 34000)* (GC)
- **Elective or Major Selective**
- **UC Human Cultures (Humanities)** (3-4 cr)
- **UC Science, Tech & Society** (1-3 cr)

### Year 2

#### Spring Semester (17 Credit Hours):
- **Macroeconomics** (ECON 25200) (EAI)
- **Oral Communication** (EAI)
- **Elective or Major Selective**
- **Foundations of Business Ethics** (MGMT 25500) (1 cr) (8wk)
- **Career Readiness & Exploration** (MGMT 29500) (1 cr) (8wk)
- **Elective**
- **Elective**

#### Spring Semester (15 Credit Hours):
- **Econometrics** (ECON 36000)*
- **Intermediate Macroeconomics** (ECON 35200)* (GC)
- **Elective or Major Selective**
- **Strategic Business Writing** (MGMT 33500)

#### Spring Semester (14-15 Credit Hours):
- **Cultural Competency II**
- **Elective or Major Selective**
- **Elective or Major Selective**
- **Elective or Major Selective**
- **Elective or Major Selective** (2-3 cr)

### Year 3

#### Fall Semester (14-17 Credit Hours):
- **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**

### 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**

#### Spring Semester (12-15 Credit Hours):
- **Economics Capstone Research** (ECON 49900)
- **Elective or Major Selective**
- **Elective or Major Selective**
- **Elective or Major Selective**

### 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 Inference (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) (3 cr)
- Strategic Business Writing (MGMT 33500) (3 cr)
- Cultural Competency I
- Cultural Competency II

Complete all EAI courses with a 2.75 or above EAI GPA and a 2.5 cumulative GPA
Have a C- or higher in all EAI and ECON Courses
Not be on academic probation

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 Inference (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) (3 cr)
- Strategic Business Writing (MGMT 33500) (3 cr)
- Cultural Competency I
- Cultural Competency II

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)
- 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

MAJOR SELECTIVES (33 CREDIT HOURS):
- Business Economics Selectives (9 cr)
  - 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

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