Economics - Quantitative Option

Major: Economics - Quantitative Option
Degree Type: B.S.
Required Degree Credits to Graduate: 128

General Education Requirements

First Year Experience (F):
AGRI 189 Skills for Academic Success (Students transferring in 24 or more credits do not need to take AGRI 189.) 1

Communication (C):
ENGL 110 College Composition I 3
ENGL 120 College Composition II 3

One Course in Upper Level Writing: Select from the following:
ENGL 320 Business and Professional Writing
ENGL 321 Writing in the Technical Professions
ENGL 324 Writing in the Sciences
ENGL 358 Writing in the Humanities and Social Sciences
ENGL 459 Researching and Writing Grants and Proposal
COMM 110 Fundamentals of Public Speaking 3

Quantitative Reasoning (R):
MATH 165 Calculus I 4

Science & Technology (S):
CSCI 116 Business Use of Computers 4

A one-credit lab must be taken as a co-requisite with a general education science/technology course unless the course includes an embedded lab experience equivalent to a one-credit course. Select from current general education list 6

Humanities & Fine Arts (A): Select from current general education list 6

Social & Behavioral Sciences (B):
ECON 201 Principles of Microeconomics 3
ECON 202 Principles of Macroeconomics 3

Wellness (W): Select from current general education list 2

Cultural Diversity (D): Select from current general education list

Global Perspective (G):
ECON 201 Principles of Microeconomics 3

Total Credits 41

Major Requirements

The declaration of a MATHEMATICS or STATISTICS minor is required.

General Education Requirements 40

Required Core Courses for Economics Quantitative Option
ECON 201 Principles of Microeconomics 3
ECON 202 Principles of Macroeconomics 3
ECON 341 Intermediate Microeconomics 3
ECON 343 Intermediate Macroeconomics 3
ECON 410 Econometrics 3

Economics Electives: Select 6 credits from the following; at least 3 credits must be an approved capstone.
ECON 440 Game Theory and Strategy (Approved as capstone)
ECON 456 History of Economic Thought
ECON 461 Economic Development (Approved as capstone)
ECON 465 Labor Economics
ECON 470 Public Economics (Approved as capstone)
ECON 472 International Trade
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECON 476</td>
<td>Monetary Theory and Policy</td>
<td></td>
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<tr>
<td>ECON 480</td>
<td>Industrial Organization (Approved as capstone)</td>
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<td>ECON 481</td>
<td>Natural Resource Economics</td>
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<td>ECON 482</td>
<td>Environmental Economics</td>
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**Additional Electives:**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 166</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 259</td>
<td>Multivariate Calculus</td>
<td>3-4</td>
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<tr>
<td>or MATH 265</td>
<td>Calculus III</td>
<td></td>
</tr>
<tr>
<td>MATH 266</td>
<td>Introduction to Differential Equations</td>
<td>3</td>
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<tr>
<td>or STAT 368</td>
<td>Statistics</td>
<td></td>
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<tr>
<td>STAT 367</td>
<td>Probability</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 467</td>
<td>Probability and Mathematical Statistics</td>
<td>3</td>
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**Additional Requirements**

- Humanities & Fine Arts: May be selected from the current general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA. 3 credits.
- Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC. 6 credits.

**Degree Requirements: Potential of 51 credits to reach 128**

**Total Credits**

128-129 credits

**Degree Requirements and Notes**

- Students must earn, at least, a 2.00 cumulative GPA that is based on the courses that satisfy major requirements.
- The Economics Quantitative option is available as a Bachelor of Science degree only.