## B.S. in Economic Sciences

### Quantitative Economics Option

#### Advising Sheet - Fall 2021

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>EconS 101</td>
<td>Fund Microeconomics</td>
<td>3</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>EconS 102</td>
<td>Fund Macroeconomics</td>
<td>3</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>EconS 301</td>
<td>Intermed Microeconomics</td>
<td>4</td>
<td>F,S</td>
</tr>
<tr>
<td>EconS 302</td>
<td>Intermed Macroeconomics</td>
<td>3</td>
<td>F,S</td>
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<tr>
<td>EconS 311</td>
<td>Econometrics [M]</td>
<td>3</td>
<td>F,S</td>
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<tr>
<td>EconS 490</td>
<td>Economics Capstone [M][CAPS]</td>
<td>3</td>
<td>F,S</td>
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<tr>
<td>EconS 497</td>
<td>Internship or</td>
<td>3</td>
<td>F,S,SS</td>
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<tr>
<td></td>
<td>or 499 Special Problems or</td>
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<td></td>
<td>or 483 Study Abroad or</td>
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<td></td>
<td>or 495 Instructional Practicum or</td>
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<td></td>
<td>or UH 450 Honors Thesis or</td>
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<td></td>
<td>or UD EconS course for Int'l Students</td>
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### EconS Electives:

- 300/400 level Economics
- 300/400 level Economics
- 400 level Economics
- 400 level Economics

**Total Credits:** 120

**UCORE:** 34

**Economic CORE:** 26

**Quantitative Option:** 19

**Emphasis Area:** 9 average

**Electives:** 20

**Total:** 120

### Non-EconS Requirements:

- Com 102 Public Speaking Digital Age or Com 210 Multimedia Conte Creat or HD 205 Dev Effect Com & Life Skills
- Engl 402 Tech & Prof Writing
- Math 171 Calculus I
- Math 220 Intro Linear Algebra (Math 171)
- Stat 212 Intro Stat Methods or or MgtOp 215 Statistics (Math 201, co-req MIS)

### Quantitative Option Req:

- EconS 420 Monetary Theory & Policy
- EconS 424 Strategy and Game Theory
- EconS 525 Master's Econometrics or Stat 360 Prob & Statistics (Math 171) or Stat 443 Applied Prob (Math 172, Stat 220)
- Math 364 Prin of Optimization or Math 401 Intro to Analysis I or EconS 526 Microeconomic Analysis
- EconS 527 Master’s Microecon Analysis II or Math 420 Linear Algebra (Math 220 & 301)
- Math 172 Calculus II (Math 171)

### Math Emphasis (3 courses):  

- Math 273 Calculus III (Math 172)
- Math 301 Intro to Math Reasoning
- Math 315 Diff Equat. (Math 273, 220 or c//)

### Management Operations Emphasis (3 courses):  

- MgtOp 340 Operations Management (BA 204+2)
- EconS 452 Ad Business Mnmg Economics
- EconS 426 Transportation Economics

### Computer Science Emphasis (3 courses):  

- Cpt_S 121 Program Design/Development
- Cpt_S 122 Data Structures
- Cpt_S 215 Data Analytics Systems and Algorithms

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**NOTE:**

To certify in the major you must have at least 24 credits and a 2.0 cum GPA.

**Must have 120 minimum credits to graduate.**

40 out of the 120 credits must be in upper division courses.

*Must have cum GPA 2.0 or higher in 301 + 302 + 311*

Must pass Math 201+202 with a C or better