# Economics (MS)

## Degree Requirements

Students may select between two of the following degree tracks: Terminal Master of Science Track and PhD-Prep Track.

Degrees earned will be distributed as: "Master of Science" without track specifications.

### Terminal Master of Science Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECG 561</td>
<td>Applied Econometrics I</td>
<td>12</td>
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</tr>
<tr>
<td>ECG 562</td>
<td>Applied Econometrics II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECG 700</td>
<td>Fundamentals of Microeconomics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECG 703</td>
<td>Fundamentals of Macroeconomics</td>
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</tbody>
</table>

**Elective Courses** 12-18  
See "Elective Courses" listed below

**Other Elective Courses** 0-6  
"Other Elective Courses" will be determined in conjunction with the academic committee.

**Thesis Research Course** 6  
ECG 695 Master's Thesis Research

**Total Hours** 30

1 Students can take 400-level or above courses offered by other departments determined in conjunction with the academic committee.

### Elective Courses

Select at least four courses from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 528</td>
<td>Options and Derivatives Pricing</td>
<td>3</td>
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</tr>
<tr>
<td>MA 591</td>
<td>Special Topics</td>
<td>1-6</td>
<td></td>
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<tr>
<td>ECG/MA 766</td>
<td>Computational Methods in Economics and Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 540</td>
<td>Economic Development</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 548</td>
<td>International Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PS 539</td>
<td>International Political Economy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 515</td>
<td>Environmental and Resource Policy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 715</td>
<td>Environmental and Resource Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FOR 519</td>
<td>Forest Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 563</td>
<td>Applied Microeconometrics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECG 750</td>
<td>Introduction to Econometric Methods</td>
<td>3</td>
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</tr>
<tr>
<td>ECG 765</td>
<td>Mathematical Methods For Economics</td>
<td>3</td>
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<tr>
<td>ECG 590</td>
<td>Special Economics Topics</td>
<td>1-6</td>
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### PhD-Prep Track

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<td></td>
<td><strong>Core Courses</strong></td>
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<tr>
<td>ST 501</td>
<td>Fundamentals of Statistical Inference I</td>
<td>18</td>
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</tr>
<tr>
<td>ST 502</td>
<td>Fundamentals of Statistical Inference II</td>
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<tr>
<td>ECG 750</td>
<td>Introduction to Econometric Methods</td>
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<tr>
<td>ECG 765</td>
<td>Mathematical Methods For Economics</td>
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**Elective Courses** 6-12  
See "Elective Courses" listed below

**Other Elective Courses** 0-6  
"Other Elective Courses" are determined in conjunction with the academic committee.

**Thesis Research Course** 6  
ECG 695 Master's Thesis Research

**Total Hours** 30

1 Students can take 400-level or above courses offered by other departments determined in conjunction with the academic committee.
### Elective Courses

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<td>1-6</td>
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<tr>
<td>ARE 590</td>
<td>Special Topics in ARE</td>
<td>1-99</td>
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</table>

Select at least two of the following courses:

- Options and Derivatives Pricing
- Computational Methods in Economics and Finance
- Economic Development
- International Economics
- International Political Economy
- Environmental and Resource Policy
- Environmental and Resource Economics
- Forest Economics
- Applied Microeconometrics
- Special Economics Topics
- Special Topics in ARE

### Faculty

- Steven Allen
- Henry Banzhaf
- Alvin B. Brown
- Mehmet Caner
- Robert L. Clark
- Lee A. Clark
- Paul L. Fackler
- Barry K. Goodwin
- Roger H. Von Haefen
- David N. Hyman
- Melinda Sandler Morrill
- Thayer Stephen Morrill
- Luca David Opromolla
- Nicholas E. Piggott
- Roderick M. Rejesus
- Erin Sills
- Walter N. Thurman
- Tomislav Vukina
- Michael L. Walden
- Mark Walker
- Junjie Wu
- Kelly D. Zering
- Xiaoyong Zheng
- Kathryn Boys
- Zachary Brown
- Umut Dur
- Harrison Fell
- Giuseppe Fiori
- Ivan Todorov Kandilov
- Karlyn Mitchell
- Denis Pelletier
- Eric Edwards
- Raymond Guiteras
- Ayse Kabukcuoglu-Dur
- Ilze Kalnina
- Daisoon Kim
- Zheng Li
- Heidi Schweizer
- Daniel Tregeagle
- Adriana Maria Corredor Waldron
- Tamah Morant
- William Phan
- Julianne Treme
- Charles Lee Moore Sr.
- David S. Ball
- Geoffrey A. Benson
- Richard Harold Bernhard
- Gerald A. Carlson
- Leon E. Danielson
David Alan Dickey
Edmund A. Estes
Douglas Fisher
David Joseph Flath
Thomas J. Grennes
Alvin E. Headen
Duncan M. Holthausen
Thomas Johnson
Charles Edward Joyner
Charles Robert Knoeber
John S. Lapp
Stephen E. Margolis
Michele C. Marra
Elizabeth A. McDermed
Michael B. McElroy
Arnold W. Ottmans
Raymond B. Palmquist
Mitch Renkow
Charles D. Safley
Ronald A. Schrimper
V. Kerry Smith
Walter J. Wessels
Michael K. Wohlgenant

Assistant Professor
Andrew Greenland