DOCTORATE OF PHILOSOPHY IN ECONOMICS

The Ph.D. program in Economics prepares the recipient for a variety of research-oriented career opportunities, including university research/teaching, government employment, and a host of employment opportunities in the private sector.

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 600</td>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 601</td>
<td>Graduate Macroeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECO 602</td>
<td>Advanced Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECO 603</td>
<td>Monetary Theory and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ECO 612</td>
<td>Economic Strategies for Firms and the Industry</td>
<td>3</td>
</tr>
<tr>
<td>ECO 620</td>
<td>Advanced Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 621</td>
<td>Advanced Macro Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ECO 625</td>
<td>Applied Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 633</td>
<td>Advanced Micro Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ECO 634</td>
<td>Advanced Micro Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 860</td>
<td>The Theory of International Trade (Theory of International Trade)</td>
<td>3</td>
</tr>
<tr>
<td>MTH 633</td>
<td>Introduction to Real Analysis I</td>
<td>3</td>
</tr>
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</table>

**Fields of Specialization**

Select two of the following Areas of Concentration:

**Macroeconomics:**
- ECO 603 Monetary Theory and Policy
- ECO 604 Topics in Applied Macroeconomics

**Financial Economics:**
- ECO 604 Topics in Applied Macroeconomics
- ECO 625 Applied Econometrics

**Human Resource Economics:**
- ECO 611 Labor Economics (III)
- ECO 625 Applied Econometrics

**Environmental Economics:**
- ECO 625 Applied Econometrics
- ECO 645 Regulations Economics

**Cognate Areas with Departmental Approval**

One Course from a Minor Field

**Electives**

Select one Elective from the graduate offerings of the Mathematics, Business Technology, Management Science, and Finance departments

**Additional Requirements**

- Comprehensive Examinations covering the core and the one field of specialization 3
- ECO 830 Doctoral Dissertation 12

Total Credit Hours 60

*Applicants for admission to graduate study in Economics should have an extensive background in Economic Theory and Quantitative methods.

**Mission**

The mission of the Ph.D. Program in Economics is to give students the skills, knowledge, and research training necessary to produce high-quality research needed for successful carriers in the academic, government, and private sectors and enabling them to be leaders in their respective institutions.
Goals

Student Learning Outcomes

• Students will be knowledgeable in the core economic fields of microeconomic and macroeconomic theory.
• Students will be able to generate original research questions, complete original empirical and/or theoretical research, and write original research papers.
• Students will be able to present and explain their research findings to a general and an academic audience. They should also be able to effectively present economic principles to undergraduate students as well as in their research in academic conferences.