The degree requirements include: nine core courses, two comprehensive theory exams, field courses, two fields of concentration (one major and the other minor), field and research workshops, a major field exam, doctoral dissertation proposal defense and final defense, and proficiency in one foreign language if deemed necessary by the student's dissertation chair. Candidacy is reached following successful completion of:

1. comprehensive theory examinations in microeconomics and macroeconomics;
2. exam in major field (health economics, environmental economics or international economics);
3. an advisor willing to chair the student's dissertation committee and a viable dissertation topic.

### Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 976</td>
<td>Microeconomics I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 977</td>
<td>Microeconomics II</td>
<td>3</td>
</tr>
<tr>
<td>ECON 972</td>
<td>Macroeconomics I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 973</td>
<td>Macroeconomics II</td>
<td>3</td>
</tr>
<tr>
<td>ECON 970</td>
<td>Advanced Economic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 926</td>
<td>Econometrics I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 927</td>
<td>Econometrics II</td>
<td>3</td>
</tr>
<tr>
<td>ECON 957</td>
<td>History of Economic Thought</td>
<td>3</td>
</tr>
<tr>
<td>ECON 958</td>
<td>Topics in Economic Thought and Methodology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Graduate Economics Seminar

- ECON 988 Graduate Economics Seminar

### Research Workshop

- ECON 996 Research Workshop

### Comprehensive Examinations in Microeconomics and Macroeconomics

1. Students are required to sign up for the Graduate Economics Seminar in Terms 2, 3, and 4 during their first two years of study.
2. Beyond their second year of study, students continue to participate in the department’s weekly seminar by enrolling in two terms of Research Workshop.

### Fields of Concentration (one major and one minor)

**Microeconomics and Macroeconomics**

Written evidence of proficiency in economic theory is demonstrated by passing comprehensive examinations in Microeconomics and Macroeconomics. These examinations are given twice a year, after term III and at the end of June. Students should sit for both theory examinations after the third term of their second year of study.

The Graduate Studies Coordinator conveys information regarding performance in writing. Departmental policy restricts the number of attempts at the comprehensive theory examinations to two per examination. If a student fails a theory comprehensive exam twice, the student may, in the case of extenuating circumstances, petition for a third attempt. The petition must be submitted within 4 weeks of the date that the department notifies the student of his or her second failure. A student who does not show up on a scheduled test date will have the examination counted as one of his or her attempts.

### Environmental Economics

#### Major Field Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 908</td>
<td>Environmental Economics: Theory and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ECON 909</td>
<td>Environmental Valuation</td>
<td>3</td>
</tr>
<tr>
<td>RECO 911</td>
<td>Natural and Environmental Resource Management (or other approved course)</td>
<td>4</td>
</tr>
</tbody>
</table>
**ECON 992 ** Field Workshop 3

**Minor Field Requirements**
Select two of the following: 6-7

- ECON 908 Environmental Economics: Theory and Policy
- ECON 909 Environmental Valuation
- RECO 911 Natural and Environmental Resource Management

**Health Economics**

**Major Field Requirements**

- ECON 941 Survey of Health Economics 3
- ECON 942 Selected Topics in Health Economics 3
- ECON 992 Field Workshop 3

Select one of the following: 3

- PHP 901 Epidemiology
- PHP 907 Public Health Policy
- PHP 922 Public Health Economics

**Minor Field Requirements**

- ECON 941 Survey of Health Economics 3
- ECON 942 Selected Topics in Health Economics 3

**International Economics**

**Major Field Requirements**

- ECON 945 International Trade 3
- ECON 946 International Finance 3
- ECON 992 Field Workshop 3

Select one of the following: 3

- ADMN 846 International Financial Management
- ECON 868 Seminar in Economic Development
- ADMN 841 International Management

**Minor Field Requirements**

- ECON 945 International Trade 3
- ECON 946 International Finance 3

**Examination in Major Field**
Comprehensive field examinations are given twice a year, in January and June. Students should take their major field examination on the first date possible following the completion of Field Workshop (ECON 992). To sit for the field examination, students must have passed both of their theory comprehensive examinations. Students are permitted two attempts to pass the field examination. Petitions for a third attempt are possible, but must be submitted within 4 weeks of the date that the department notifies the student of his or her second failure. A petition is granted only in the case of extenuating circumstances. A student who does not show up on a scheduled test date will have the examination counted as one of his or her attempts.

**Elective Course**
Beyond the core theory courses and field requirements, students must take one additional graduate course from the department or an approved 800-level class from another department.

**Graduate Economics Seminar**
Students are required to sign up for the Graduate Economics Seminar (ECON 988) in Terms 2, 3, and 4 during their first two years of study.

**Research Workshop**
Beyond their second year of study, students continue to participate in the department’s weekly seminar by enrolling in two terms of Research Workshop (ECON 996). Research Workshop students present their own research in the research seminar series. They may also serve as discussants for outside speakers and write referee reports for the papers presented. Students must secure a dissertation adviser prior to signing up for their first term of Research Workshop. The research–workshop requirement should be completed by the end of the fifth year of study.

**Foreign Language Requirement**
Students may need to demonstrate reading knowledge of one foreign language if it is determined to be essential to the student’s area of research by his or her dissertation chair.

**Dissertation Proposal Defense**
Prior to defending his/her proposal, a student must find a dissertation chair and form a dissertation committee. The dissertation proposal may be defended as part of the Research Workshop or separately from the Workshop.

**Final Dissertation Defense**

**Cognate in College Teaching Requirements**
The Cognate in College Teaching offers a series of core and elective courses to prepare individuals to teach at institutions of higher education. The Cognate is available to doctoral students and students in selected master’s degree programs at UNH.

Students must apply and be formally admitted to the program. The Cognate appears as a minor on the student’s transcript, and is awarded concurrently with the Ph.D. or Master’s degree.

This program requires the satisfactory completion of 13 academic credits. Students elect, with the permission of their graduate coordinator, to add the cognate to their graduate degree. The cognate will be awarded at the time of the award of the qualifying graduate degree. Requirements include 12 credits toward developing core competencies and the submission of an electronic teaching portfolio for 1 credit. For more information please visit the Teaching Excellence web site: http://www.unh.edu/teaching excellence/Academic prog in coll teach/index.html

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