The Ph.D. in Economics provides students with the opportunity to combine advanced training in economics with educational pedagogy and applied research. Students completing the Ph.D. will have the academic and pedagogical skills necessary to teach economics at the collegiate level and to conduct applied research in economics.

### Use of Prior Results:

<table>
<thead>
<tr>
<th>Student Learning Outcome:</th>
<th>Measure 1:</th>
<th>Person(s) Responsible:</th>
<th>Analysis of Results for Measure 1. (include strengths &amp; weaknesses):</th>
<th>Supporting Document(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>9: Students will apply doctoral-level Macroeconomic and Microeconomic Theory to new problems to obtain meaningful results.</td>
<td>1: Seventy-five percent of students will earn a score of 80% or better on the final exam in ECON 7010, Macroeconomics I. THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.</td>
<td>Stuart Fowler</td>
<td>Data collection is underway as of July 29, 2015.</td>
<td></td>
</tr>
</tbody>
</table>

**Future Actions**

:Describe Program Changes (adding a course, assignment, project, etc.):

:Describe Assessment Changes (measures such as rubrics, exams, diagnostic instruments, etc.):

:Describe any additional resources
<table>
<thead>
<tr>
<th>Measure 2:</th>
<th>Person(s) Responsible: Charles Baum</th>
<th>Analysis of Results for Measure 2: Data collection is underway as of July 29, 2015.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Seventy-five percent of students will earn a score of 80% or better on the final exam in ECON 7020, Microeconomics I. THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.</td>
<td></td>
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<tr>
<td>Completion Date: 06/30/2015</td>
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</tbody>
</table>

Use of Prior Results:

<table>
<thead>
<tr>
<th>Student Learning Outcome:</th>
<th>Measure 1:</th>
<th>Person(s) Responsible: Duane Graddy</th>
<th>Analysis of Results for Measure 1. (Include strengths &amp; weaknesses): Data collection is underway as of July 29, 2015.</th>
<th>Supporting Document(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>10: Students will apply advanced knowledge in two fields of specialization (Labor Economics and Industrial Organization) to new problems to obtain meaningful results.</td>
<td>1: Seventy-five percent of students who choose Labor Economics as a field of specialization will, by the end of their third year in the program, produce a research paper of sufficient quality to warrant presentation at an academic meeting. THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.</td>
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</table>

Future Actions:
- Describe Program Changes (adding a course, assignment, project, etc.):
  - Future Actions: Describe Assessment Changes (measures such as rubrics, exams, diagnostic instruments, etc.):
    - Future Actions: Describe
| Measure 2:  
2: Seventy-five percent of students who choose Industrial Organization as a field of specialization will, by the end of their third year in the program, produce a research paper of sufficient quality to warrant presentation at an academic meeting.  THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE. | Person(s) Responsible: Duane Graddy | Analysis of Results for Measure 2:  
(Include strengths & weaknesses):  
Data collection is underway as of July 29, 2015. |  |

**Use of Prior Results:**

**Student Learning Outcome:**  
11: Students will conduct publishable-quality research suitable for peer-reviewed economic periodicals.

**Measure 1:**  
1: 90% of students will, by the end of their third year in the program, have produced a research paper of sufficient quality to warrant presentation at the departmental research seminar series.  THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE. | Person(s) Responsible: Duane Graddy | Analysis of Results for Measure 1:  
(Include strengths & weaknesses):  
Data collection is underway as of July 29, 2015. |  |

**Future Actions:**

Describe Program Changes (adding a course, assignment, project, etc.):  

Describe Assessment Changes (measures such as rubrics, exams, diagnostic instruments, etc.):
**Measure 2:**
2: 75% of students will, by the beginning of their fourth year in the program, have produced a research paper of sufficient quality to warrant submission to a peer-reviewed economic journal. **THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.**

**Person(s) Responsible:** Duane Graddy

**Completion Date:** 06/30/2015

**Analysis of Results for Measure 2:** (include strengths & weaknesses):

Data collection is underway as of July 29, 2015.

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**Use of Prior Results:**

**Student Learning Outcome:** 12: Students will develop a dissertation proposal that outlines a plan to make an original contribution to a field of knowledge in economics.

**Measure 1:**
1: 90% of eligible doctoral students will have successfully proposed a dissertation topic to a dissertation committee by the end of their seventh semester in the program. **THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.**

**Person(s) Responsible:** Duane Graddy

**Completion Date:** 06/30/2015

**Analysis of Results for Measure 1:** (include strengths & weaknesses):

Data collection is underway as of July 29, 2015.

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**Supporting Document(s):**
Use of Prior Results:

<table>
<thead>
<tr>
<th>Student Learning Outcome:</th>
<th>Measure 1: 1: 90% of eligible doctoral students will successfully defend a dissertation within 10 semesters of commencing the program. THIS IS A WORKING MEASURE AND MAY BE REPLACED BY THE ECFN ASSESSMENT COMMITTEE.</th>
<th>Person(s) Responsible: Duane Graddy</th>
<th>Analysis of Results for Measure 1. (include strengths &amp; weaknesses): Data collection is underway as of July 29, 2015.</th>
<th>Supporting Document(s):</th>
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</thead>
<tbody>
<tr>
<td>Future Actions: Describe any additional resources needed (Leave blank if no additional resources are needed.):</td>
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<td></td>
<td>Future Actions: Describe Program Changes (adding a course, assignment, project, etc.):</td>
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