Category I Proposal Transmittal Sheet
Submit proposals to: Office of Academic Planning and Assessment
110 Kerr Admin -- Oregon State University

For instructions, see http://oregonstate.edu/ap/curriculum/cati.html. Please attach Proposal, Library Evaluation (performed by the library), Liaison Correspondence, Faculty Curriculum Vitae, and Budget Sheets, as appropriate.

Check one:

Full Proposal
☐ New degree program
☐ New certificate program or administrative unit
☐ Major change in existing program
☐ Establishment of a new College or Department

Abbreviated Proposal
☒ Rename of an academic program or unit
☒ Reorganization – moving responsibility for an academic program from one unit to another
☐ Merging or splitting an academic unit
☐ Termination of an academic program or unit
☐ Suspension or reactivation an academic program or unit

For proposals to establish a new center or institute, contact the Research Office (737-3437).

For requests to offer existing certificate and degree programs at new locations, use the New Location Request Form available on the Web: http://www.ous.edu/aca/aca-forms.html

Title of Proposal: ___________________________ Effective Date: ___________________________

Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics Fall 2009

Department/Program: ___________________________ College: ___________________________

Graduate School ___________________________ Graduate School ___________________________

I certify that the above proposal has been reviewed and approved by the appropriate Department and College committees:

Gopinath Munisamy ___________________________ Sally K. Francis ___________________________
Print (Department Chair/Head; Director) Print (Dean of College)

Sign (Dept Chair/Head; Director) 11/10/08 Sign (Dean of College) 11/12/08
Category I Proposal
Guidelines for Addressing Accessibility of New Programs

Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 prohibits discrimination against individuals with disabilities and mandates the provision of reasonable accommodations to ensure access to programs and services. Oregon State University is committed to providing equal opportunity to higher education for academically qualified students without regard to a disability.

For questions and assistance with addressing access, please contact the Office of Services of Students with Disabilities (737-4098) or the Office of Affirmative Action and Equal Opportunity (737-3556)

Title of Proposal:  Effective Date:

Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics  Fall 2009

Department/Program:  College:

Graduate School  Graduate School

☐ Faculty Guidelines (http://ssd.oregonstate.edu/facstaff.aspx )
☐ Information Technology Guidelines (http://oregonstate.edu/accessibility/ )

By signing this form, we affirm that at we have reviewed the listed documents and will apply a good faith effort to ensure accessibility in curricular design, delivery, and supporting information.

Sign (Dept Chair/Head; Director)  Date  Print (Department Chair/Head; Director)

Gopinath Munisamy  11/16/08
Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

I certify that I have reviewed the above proposal and support it. Participating faculty have reviewed and approved the proposal by a majority vote.

[Signature] 6/13/03
Sign (Dean of College)  Date

HAL SALWASSER, FORESTRY
Print (Dean of College)
Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Title of Proposal

I certify that I have reviewed the above proposal and support it. Participating faculty have reviewed and approved the proposal by a majority vote.

Bill Boggess  11/17/08  WILLIAM BOGGESS, AGRICULTURE
Sign (Dean of College)  Date  Print (Dean of College)

Comments:
Category I Proposal

Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Title of Proposal

I certify that I have reviewed the above proposal and support it. Participating faculty have reviewed and approved the proposal by a majority vote.

Please see Dean Rodgers' memo at the end of this document

_LAWRENCE RODGERS, LIBERAL ARTS_

Sign (Dean of College) Date Print (Dean of College)

Comments:
Proposal for the Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Oregon State University

Graduate School
Economics

Participating Faculty's Colleges and Departments

College of Agricultural Sciences
Agricultural and Resource Economics

College of Forestry
Forest Engineering, Resources and Management
Forest Ecosystems and Society

College of Health and Human Sciences
Public Health

College of Liberal Arts
Economics

November 20, 2008
(Revised December 10, 2008)
Proposal for the Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Executive Summary

The objectives of the Applied Economics Category I (abbreviated) proposal are to: (i) rename the present M.S. and PhD degrees in Economics in a way that formalizes their applied nature, and (ii) move responsibilities for the renamed program to a Director, who reports to the Dean of the Graduate School.

The motivations for these changes are as follows:

- The proposed name change better reflects recognized faculty strengths in the Departments of Agricultural and Resource Economics, Economics, Forest Engineering, Resources and Management, Forest Ecosystems and Society, and Public Health. Faculty in these units provide a critical mass for implementing an Applied Economics program of national reputation. Nationally, there is significant interest in Applied Economics as evidenced in the creation of new journals, and renaming of departments and professional associations.

- The collective profile of the Applied Economics Graduate Faculty will enhance the University's Strategic Goals and Themes. The proposed program significantly contributes to several of the University’s thematic areas including managing natural resources and the optimal delivery of public health services.

- The proposed program is strongly aligned with the University’s and the participating Colleges’ missions. It offers great potential for interdisciplinary collaboration, for example in climate change, alternative energy, and sustainable resource use. It will assist faculty in garnering external financial support and will be extremely attractive to prospective students.

- By unifying into a single structure what have been department-level Economics degrees, Agricultural and Resource Economics degrees, and the Forest Economics option of Forest Resources degrees, the proposed program will make better use of the University’s scarce academic resources.

- This proposal is the result of three years of faculty deliberations on the future of the University’s graduate economics programs. Faculty and students have had extensive opportunities to participate in the deliberative process.

Proposed changes are:

- The MA, MS, and PhD degrees in Economics will be renamed to, respectively, an MA, MS, and PhD in Applied Economics.

- The proposed program drops two courses from, and adds one existing course to, the current Economics PhD core. MA/MS core courses in the proposed program differ from the present Economics program by one course only. The courses dropped from both cores -mathematical economics and advanced macroeconomic theory - are recently created courses (2007/2008). The course added to the core has materials similar to the replaced courses, but with an applied focus.

- The number of economics faculty with Graduate Faculty status does not change (43). Nearly three-fourths of this Faculty are presently planning to teach, advise/mentor students, and provide service in the proposed program. The remainder have expressed willingness to teach core courses.

- The definition of Applied Economics as “the application of economic theories, principles, and methods to real-world problems with significant attention to data and institutions” includes the vast majority of dissertation projects completed to date and anticipated at Oregon State University.

- The proposed organizational structure provides administrative efficiency while ensuring democratic faculty governance.

Budgetary Impact:

- The proposed program employs currently available resources at OSU. The only new program resource is partial support for a Director and for a support staff, both funded by the Provost’s Office. These new resources are justified by the critical role of the Director in the proposed structure.
Abbreviated Category I proposal for the
Revision of Graduate Degrees in Economics Leading to
Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Name of Institution: Oregon State University
Name of Proposing College: Graduate School
Name of Proposing Department: Graduate School
Participating Faculty’s Colleges/Departments:
- College of Agricultural Science (CAS)
  Agricultural and Resource Economics
- College of Forestry (COF)
  Forest Engineering, Resources and Management
  Forest Ecosystems and Society
- College of Health and Human Sciences (HHS)
  Public Health
- College of Liberal Arts (CLA)
  Economics
CIP Number: Applied Economics 45.0602
Date of Proposal: November 20, 2008
(Revised December 10, 2008)
Proposed Effective Date: Fall 2009
A. Title of the proposed instructional, research, or public service unit. For name changes, give both the current and proposed names. Describe the reason(s) for the proposed change.

The purpose of the Category I (abbreviated) proposal is to (i) rename the current Master’s and Doctoral degrees in Economics to formalize the applied nature of the current graduate program and (ii) move responsibilities for the renamed program to a Director, who reports to the Dean of the Graduate School.

The name of the proposed graduate program is Applied Economics. The degrees to be offered are Master of Arts (M.A.), Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) in Applied Economics. The Graduate Program in Applied Economics (GPAE) is proposed by a single, cross-unit graduate faculty with expertise in economics, referred to as the Applied Economics Graduate Faculty (AEGF). Participation in AEGF and GPAE is open to qualified faculty from the four participating Colleges (Agricultural Sciences, Forestry, Health and Human Sciences, and Liberal Arts) and qualified faculty from other Colleges. The GPAE will be administered by a Program Director, who reports to the Dean of the Graduate School. Details on GPAE organization are presented in Section B.

The current graduate program in Economics leads to the M.A., M.S. and Ph.D. degrees, which have been administered under two alternative structures in the last two decades.\(^1\) The first is the University Graduate Faculty of Economics (UGFE), which was created in 1987-88 to coordinate the core of graduate education in economics under one administrative umbrella.\(^2\) Since 2006, a Graduate Economics Core (GEC) has been administered through the Graduate School. Following an external review of economics degree programs at OSU in Fall 2007, the GPAE was proposed by the Applied Economics Graduate Faculty in consultation with the Deans of participating Colleges, the Dean of the Graduate School and the Provost. The reasons for creating GPAE are:

- It will build on recognized faculty strengths in the Departments of Agricultural and Resource Economics, Economics, Forest Engineering, Resources and Management, Forest Ecosystems and Society, and Public Health. Collectively, faculty members from the above academic units provide a critical mass of faculty to implement an Applied Economics program of national reputation. Additionally, there are faculty members in other academic Colleges (e.g. Business) who are engaged in applied economics research and education and who would also contribute to the growth and reputation of such a program.

- The collective profile of the Applied Economics Graduate Faculty will enhance advancement of OSU’s Strategic Themes. There is already a critical mass of economists

\(^1\) Other degrees in economics include M.S., and Ph.D. in Agricultural and Resource Economics, and the area of concentration in Forest Economics and Planning in the M.S. and Ph.D. in Forest Resources.

\(^2\) Before that time, graduate economics degrees were offered in the Departments of Agricultural and Resource Economics (AREC) and Forest Resources (FOR). The Department of Economics (ECON) offered an undergraduate degree only.
to focus on the natural resources theme, but economists from across the university will also contribute to other Strategic Themes.

- The proposed program is strongly aligned with OSU’s mission and with that of the participating Colleges. Further, the applied focus represents an area of very substantial intellectual strength at OSU, carries great potential for interdisciplinary collaboration (e.g. climate change, sustainable resource use) and garnering external support, and will be extremely attractive to prospective students.

- It will create synergy and expanded opportunities for collaboration across units so that areas of concentration in economics can grow and become stronger than what the University would have been able to achieve within any single program or academic unit.

Concurrent with the implementation of the Graduate Program in Applied Economics, the Applied Economics Graduate Faculty proposes to suspend the current graduate degrees in Agricultural and Resource Economics and the area of concentration in forest economics within the Forest Resources graduate program presently administered by the Department of Forest Engineering, Resources and Management (formerly the Department of Forest Resources). The exact timing of this activity will be coordinated with the implementation of the Applied Economics program to ensure that commitments made to students in the existing degree programs are honored.

Following the decision to focus on GPAE, a working group of the economics graduate faculty members under the coordination of the Dean of the Graduate School led an effort to create (i) the Vision, Mission and Principles (VMP) of the Graduate Program in Applied Economics and (ii) membership criteria for the Applied Economics Graduate Faculty. In the development of VMP, the working group considered alternative administrative structures for GPAE. The proposals from the working group were then shared with potential Applied Economics Graduate Faculty, listed in Table 1 of Appendix A. The faculty who, as of November 2008, accepted the invitation to participate in the GPAE and become a member of AEGF are listed in Table 2 of Appendix A. Details on the membership criteria for the Applied Economics Graduate Faculty and the GPAE’s Vision, Mission and Principles are presented in Sections B and C, respectively. A successful search for the Director of the Program was conducted during Summer 2008. The Director’s responsibilities are outlined in Section B, while the resources assigned to the program are presented in Section E.

B. Location within the institution’s organizational structure. Include “before” and “after” organizational charts (show reporting lines all the way up to the Provost).

The proposed Graduate Program in Applied Economics will be located in the Graduate School.

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3 A Category I (abbreviated) proposal suspending the M.S. and Ph.D. degrees in Agricultural and Resource Economics accompanies the current proposal to offer Applied Economics degrees.

4 The VMP document is presented in table 3 of Appendix A.
1. Previous Structure

The following outlines the organizational structure of the former UGFE and GEC for the existing graduate program in Economics.\(^5\) First, the UGFE consisted of all economics graduate faculty in the three participating departments: Agricultural and Resource Economics (AREC), Economics (ECON) and Forest Resources (FOR). Each department’s Head/Chair appointed two representatives from their respective faculty to serve on the UGFE Policy Committee. The UGFE Chair, appointed by the Dean of the Graduate School, was responsible to convene the Policy Committee and chair its proceedings. The UGFE Policy Committee was responsible for core courses, Economics degree requirements, and procedural guidelines. The UGFE Administrative Committee, composed of the three department Heads/Chairs and the UGFE Chair, was responsible for identifying faculty to teach the core.

In 2006 the UGFE was dissolved, but the Graduate Economics Core (GEC) was offered through the former UGFE faculty. The UGFE Chair responsibilities were assumed by the Dean/Associate Dean of the Graduate School. The Policy and Administrative Committees were dissolved and most decisions on the graduate core and fields of specialization were based on majority voting by the economics graduate faculty.

![Diagram of UGFE and GEC structure]

2. Proposed Structure

The VMP document lists the four governing principles of the Graduate Program in Applied Economics:

1. Program governance will achieve and sustain the program vision.

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\(^5\) The UGFE administered the M.A., M.S., and Ph.D. in Economics. Although the M.S. and Ph.D. degrees in Agricultural and Resource Economics and the Forest Economics and Planning option in the Forest Resources degrees were not under the purview of the UGFE, the graduate core significantly overlapped among these degrees.
2. Membership on the Applied Economics Graduate Faculty of the Graduate Program in Applied Economics is open to all OSU and OSU-affiliated faculty possessing expertise in economics and applied economics and who desire to contribute actively to achieving the program’s vision and mission.

3. The Applied Economics Graduate Faculty associated with the Graduate Program in Applied Economics is responsible for and has authority over (by majority vote) all aspects of OSU’s Graduate Program in Applied Economics including policies regarding program curricula and standards.

4. The program will be housed in the Graduate School and administered by a Director reporting to the Dean of the Graduate School.

Graduate Faculty: Based on governing principle #2, the following are the specific criteria for establishment of the graduate faculty associated with the proposed program:

- Advanced degree and expertise in economics or a related discipline.
- Active participation in economics graduate education (i.e. service on graduate student committees, or service on admissions or curriculum committee, or course instruction) as required by the National Research Council in its current assessment of the research doctorate.
- Commitment to proposed graduate degrees in applied economics.

Table 1 and 2 of Appendix A list the potential and initial Applied Economics Graduate Faculty identified by the above criteria.

Director: The Director is appointed by and reports to the Dean of Graduate School. The responsibilities of the Director include:

- Administering resources assigned to the program.
- Acting as a champion of the Applied Economics program.
- Overseeing program, and its outcome evaluation and assessment.
- Providing leadership to all aspects of developing, coordinating and enhancing graduate education in Applied Economics.
- Reviewing the graduate faculty membership to assure that members remain current relative to the established criteria.

The Director’s administration of resources includes (i) assigning instructors to the core courses of M.A., M.S. and Ph.D. degrees in Applied Economics, and (ii) managing the GPAE budget. In doing so, the Director will aim for achieving and sustaining the program vision. With participating Department Heads/Chairs, the Director will coordinate the content and scheduling of courses in the program’s concentration or specialization areas. The Director will evaluate and assess program outcomes, and participating faculty’s contribution to the program vision. Additionally, the Director will approve students’ programs of study and other required forms, dissertations and theses written by Applied Economics candidates, and hear student petitions/grievances.
The Director will be assisted by an Advisory Committee and an Admissions Committee.

- The Advisory Committee will consist of six members, of which five will be from the Applied Economics Graduate Faculty. Two of the five members will be elected by the Applied Economics Graduate Faculty, while the other three will be appointed by the Deans of participating colleges in consultation with the Director. The sixth member will be appointed by the Dean of the Graduate School from a closely related College. The Director chairs the Advisory Committee, which assists in all aspects of developing, coordinating, evaluating and enhancing graduate education in Applied Economics. Major programmatic changes including those affecting student admission criteria, core courses and degree requirements will be subject to majority vote of the AEGF as required by the governing principles of GPAE. The Director, in consultation with the Advisory Committee, will decide which changes will be subject to a vote of the AEGF.

- The Admissions Committee, consisting of three members from the Applied Economics Graduate Faculty appointed by the Director, is responsible for attracting high-quality students and evaluating applications for admission to the Applied Economics program. The Director will then make the final decision on admission of all students.

The Director will meet with all the Deans of participating Colleges every six months to apprise them of achievements related to the GPAE and issues of concern or proposed changes. The proposed organizational flow chart for the GPAE is as follows:

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6 Although there are four participating Colleges, only three members of the Advisory Committee will be appointed by the four Deans.
C. Objectives, functions (e.g., instruction, research, public service), and activities of the proposed unit.

1. Explain how the program’s current objectives, functions and activities will be changed.

The Applied Economics Graduate Faculty has defined Applied Economics as “the application of economic theories, principles and methods to real-world problems with significant attention to data and institutions.” Furthermore, the GPAE’s vision is “to achieve national and international recognition for distinctive excellence and impacts of its graduates, research and scholarship in Applied Economics.”

With the above definition, the objectives of the Graduate Program in Applied Economics are:
- To offer M.A., M.S. and Ph.D. degrees in Applied Economics
- To deliver exemplary graduate education in applied economics
- To encourage and facilitate exemplary student research and scholarship in Applied Economics

The GPAE will be driven by the following content principles:

1. It builds on faculty strengths in applied economics, offering vibrant and highly sought Master’s and PhD programs with special attention to the Themes of OSU’s Strategic Plan.
2. Graduate curricula, research and scholarship contribute directly and measurably to the outcome of solving real-world institutional problems.
3. The principal role of economic theory in this program is to provide a foundation for graduate education in applied economics.

One key objective of the former UGFE or GEC was to coordinate core instruction among the three participating departments (AREC, ECON and FOR) for efficient use of resources. In addition to this objective, the proposed GPAE includes (i) name change with a definition of Applied Economics and accompanying content principles, and (ii) organizational changes as noted in the governing principles of the proposed structure in Section B.

2. Student Admission Requirements

Prospective student applications will be received and processed by the GPAE Director’s office. Completed applications will be sent by the Director’s office to the Admissions Committee, which will evaluate applications and recommend applicants for admission to GPAE. The Director will then make the final decision on admission of all students.

Admission requirements will be consistent with those set by the Graduate School. Additional requirements may be considered by the Director in the future with input from the Advisory and Admissions Committees. Major changes in admission criteria will be subject to majority vote of the AEGF as required by the governing principles of GPAE.
3. Proposed Program Requirements

The proposed GPAE will lead to the M.A., M.S., and Ph.D. degrees in Applied Economics. All three degrees are built on core courses in microeconomics, macroeconomics and econometric methods. In the following, the program’s requirements are outlined using existing courses, many of which are cross-listed in participating departments. Following the approval of the current proposal, a category II proposal will be submitted for possible changes to the core classes (e.g. acronym, content, credit hours and possibly new courses).

(a) Master of Arts and Master of Science in Applied Economics

The proposed program will lead to the M.A. and M.S. degrees in Applied Economics. The key difference between the two degrees is the language proficiency requirement of the former. As per the Policies Governing Master’s Degree Programs (Graduate School), GPAE’s Master’s degrees require a minimum of 45 credit hours including thesis (6-12 credits) or research-in-lieu-of-thesis (3-6 credits). The program of study must include at least 50% of total credits in the form of stand-alone, graduate only courses. We anticipate that most students will complete a thesis, but some may prefer research-in-lieu-of-thesis.

Table 1 applies to Master’s students completing a thesis. The core courses are AREC/ECON 512, 513, 523, 525, and ECON 515. The Graduate School’s requirements relating to normal progress towards the degree apply. Four areas of concentration (specialization) are: resource and environmental economics, international trade, public health economics and transportation economics. An open/applied-economics concentration is included so that a Master’s student has the option of taking a concentration identified and approved by his/her program committee. The latter is expected to serve areas where OSU has some strengths, but not necessarily the critical mass or demand at this time. Examples include climate change, forest economics, rural development, marketing, and productivity analysis. Each student is required to choose an area of concentration. Students are required to obtain a B grade or above in each of the courses from the chosen concentration.

There are several changes in the M.A./M.S. degrees in Applied Economics relative to the former M.A./M.S. degrees in Economics. The latter required 28 hours of core courses, leaving less room for electives. The econometric methods requirements consisted of a year of courses jointly shared with Ph.D. students. In recent reviews, the latter is deemed excessive for terminal M.A./M.S. students. The microeconomics sequence remains the same, but a course in mathematics will be dropped to reduce total core hours. ECON 515 will replace ECON 570 as the requirement for macroeconomics in the renamed program. Unlike the former M.A./M.S. degree in Economics, the GPAE will coordinate the content and offerings of courses in the concentration areas, which will broaden the GPAE and serve the increased demand for applied-economics training and education. The GPAE will rely on the graduate economics faculty (table 1 of Appendix A) to teach the courses listed in table 1. The Director, in consultation with the Advisory Committee, Department Heads/Chairs, and Deans, (i) will assign instructors to the core courses, and (ii) evaluate and assess outcomes and teaching effectiveness, consistent with the goal of achieving and sustaining the program vision. Courses in the concentration areas will be staffed by the participating Departments.
Table 1: Requirements for M.A./M.S. Degrees in Applied Economics

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>AREC/ECON 512</td>
<td>Microeconomic Theory I</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 513</td>
<td>Microeconomic Theory II</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 523</td>
<td>Statistical Foundations for Econometrics</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 525</td>
<td>Econometric Methods</td>
<td>4</td>
</tr>
<tr>
<td>ECON 515</td>
<td>Macroeconomic Theory I</td>
<td>4</td>
</tr>
<tr>
<td>Research Experience</td>
<td>Thesis Credits</td>
<td>6-12</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>5-13</td>
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<tr>
<td>Concentration/Specialization</td>
<td></td>
<td>6-8</td>
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<tr>
<td>Resource &amp; Environmental Economics</td>
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<td></td>
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<tr>
<td>AREC 550</td>
<td>Environmental Economics</td>
<td>3</td>
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<tr>
<td>AREC 551</td>
<td>Natural Resource Economics</td>
<td>3</td>
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<tr>
<td>Select one course from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR 534</td>
<td>Land and Forest Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>FOR 537</td>
<td>Valuation of Non-Market Resources</td>
<td>3</td>
</tr>
<tr>
<td>International Trade</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREC 543</td>
<td>Applied Trade Analysis</td>
<td>4</td>
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<tr>
<td>Select one course from the following:</td>
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<td></td>
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<tr>
<td>FOR 535</td>
<td>Markets &amp; Prices in the Forest Sector</td>
<td>3</td>
</tr>
<tr>
<td>AREC 643</td>
<td>International Trade II</td>
<td>4</td>
</tr>
<tr>
<td>Another 500-level course approved by the Student’s Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 532</td>
<td>Econ Issues in Health &amp; Medical Care</td>
<td>3</td>
</tr>
<tr>
<td>H 533</td>
<td>Health Systems Organization</td>
<td>3</td>
</tr>
<tr>
<td>Transportation Economics</td>
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<td></td>
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<tr>
<td>ECON 565</td>
<td>Transportation Economics</td>
<td>4</td>
</tr>
<tr>
<td>Select one course from the following:</td>
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<td></td>
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<tr>
<td>AREC 550</td>
<td>Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>Another 500-level course approved by the Student’s Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Area of Concentration/Applied Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Master’s student has the option of taking a concentration identified and approved by his/her program committee.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>45</td>
</tr>
</tbody>
</table>

*The Open/Applied-Economics concentration is expected to serve areas where OSU has some strengths, but not necessarily the critical mass of faculty or demand at this time.

(b) Doctor of Philosophy in Applied Economics

The requirements for the Ph.D. degree in Applied Economics are illustrated in table 2. As per the Policies Governing Doctoral Degree Programs (Graduate School), GPAE’s Ph.D. program requires a minimum of 108 credit hours including thesis (36 credits). The program of study must include at least 50% graduate stand-alone credits. The Ph.D. core courses are
AREC/ECON 611, 612, 613, 523, 525, 526 and ECON 570. Ph.D. students will be required to complete two qualifying exams, one each in microeconomics and quantitative methods. The Graduate School’s requirements relating to normal progress towards the degree apply.

### Table 2: Requirements for the Ph.D. Degree in Applied Economics

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>AREC/ECON 611</td>
<td>Math for Economists</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 612</td>
<td>Advanced Micro Theory I</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 613</td>
<td>Advanced Micro Theory II</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 523</td>
<td>Statistical Foundations for Econometrics</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 525</td>
<td>Econometric Methods</td>
<td>4</td>
</tr>
<tr>
<td>AREC/ECON 526</td>
<td>Applied Econometrics</td>
<td>4</td>
</tr>
<tr>
<td>ECON 570</td>
<td>Macroeconomic Theory I (Advanced)</td>
<td>4</td>
</tr>
<tr>
<td>Research Experience</td>
<td>Thesis Credits</td>
<td>36+</td>
</tr>
<tr>
<td>Concentration/Specialization:</td>
<td>Choose Two (Primary &amp; Secondary)</td>
<td>18-24&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>Resource &amp; Environmental Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREC 651</td>
<td>Adv Natural Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>AREC 652</td>
<td>Adv Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>AREC 653X</td>
<td>Spatial Economics of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>International Trade</td>
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<td></td>
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<tr>
<td>AREC 543</td>
<td>Applied Trade Analysis</td>
<td>4</td>
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<tr>
<td>AREC 643</td>
<td>International Trade II</td>
<td>4</td>
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<tr>
<td>Select one course from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR 535</td>
<td>Markets &amp; Prices in the Forest Sector</td>
<td>3</td>
</tr>
<tr>
<td>Another 600-level course approved by the Student’s Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H 532</td>
<td>Econ Issues in Health &amp; Medical Care</td>
<td>3</td>
</tr>
<tr>
<td>H 533</td>
<td>Health Systems Organization</td>
<td>3</td>
</tr>
<tr>
<td>H 605</td>
<td>Reading/Conference in Health Economics</td>
<td>3-6</td>
</tr>
<tr>
<td>Open Area of Concentration/Applied Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Ph.D. student has the option of taking a secondary concentration identified and approved by his/her dissertation committee.</td>
<td>108</td>
<td></td>
</tr>
</tbody>
</table>

<sup>a</sup>9-12 credits in each area of concentration/specialization.

<sup>b</sup>The Open/Applied-Economics concentration is expected to serve areas where OSU has some strengths, but not necessarily the critical mass of faculty or demand at this time.

Three areas of concentration (specialization) are: resource and environmental economics, international trade, and public health economics. An open/applied-economics concentration is included so that a doctoral student has the option of taking a concentration identified and approved by his/her dissertation committee. The latter is expected to serve areas where OSU has some strengths, but not necessarily the critical mass or demand at this time. Examples include climate change, forest economics, rural development, transportation economics,
marketing, and productivity analysis. Each student must identify two areas of concentration. Each student designates one of the two chosen areas as the primary concentration. Students are required to obtain a B grade or above in each of the courses from the two chosen concentrations.

There are several changes in the Ph.D. degree in Applied Economics relative to the former Ph.D. degree in Economics. The latter required 44 hours of core courses, leaving less room for building strong areas of concentration and for electives. The econometric methods and advanced microeconomics sequences remain the same, but a course in mathematics (ECON 529) and macroeconomics (ECON 571) will be dropped to reduce total core hours. Unlike the former Ph.D. degree in Economics, the GPAE will coordinate the content and offerings of courses in the concentration areas, which will broaden the GPAE and serve the increased demand for applied-economics training and education.

The GPAE will rely on the graduate economics faculty (e.g. Table 1 of Appendix A) to teach the courses listed in table 2. The Director, in consultation with the Advisory Committee, Department Heads/Chairs, and Deans, will (i) assign instructors to the core courses, and (ii) evaluate and assess outcomes and teaching effectiveness, consistent with the goal of achieving and sustaining the program vision. Courses in the concentration areas will be staffed by the participating Departments.

4. Student Learning Outcomes

The primary objective of the Graduate Program in Applied Economics program will be to provide doctoral and master's students with: (a) an understanding of the theories, principles and methods used to analyze real-world problems with significant attention to data and institutions, (b) opportunities to use this knowledge and related experience to analyze and discuss important economic questions faced by individuals, private organizations, non-governmental organizations (NGOs), and governments in Oregon, the United States, and the world, (c) in depth knowledge in two areas of concentration, (d) learning opportunities at the synthesis and integration level and (e) research mentorship leading to the preparation of a culminating educational experience appropriate to the degree sought.

(a) Master of Arts and Master of Science

A successful Master of Arts or Master of Science graduate should achieve the following learning outcomes:

- Understanding of graduate microeconomic theory, using calculus, graphical, and verbal forms, with emphasis on production and consumption theory, product and factor markets, general equilibrium analysis, and welfare theory.
- Understanding of macroeconomic theory and models using calculus, graphical, and verbal forms with emphasis on aggregate behavior of consumers and firms, overall economic activity, and fiscal and monetary policies.
- Proficiency with graduate econometric methods, including an understanding of
basic econometric theory and the ability to apply econometric techniques to real-world problems.

- Understanding of a specific area of concentration, including proficiency in applying economic theory and quantitative methods to real world problems in that area.
- Ability to conduct a research project that contributes to an understanding of an economic problem, including problem identification, review of literature, application of economic theory, data analysis, interpretation of results, and prospective publication in a peer-reviewed journal.
- Ability to communicate in writing and orally about economic issues and research results with both professional and lay audiences.

(b) **Doctor of Philosophy**

A successful doctorate recipient should meet the learning outcomes:

- Mastery of advanced graduate microeconomic theory, using a rigorous mathematical approach and with constant reference to intuition. Students must be able to use the theory to analyze current issues.
- Mastery of macroeconomic theory and models that examine aggregate economic growth, business cycles, and fiscal and monetary policies.
- Mastery of advanced graduate econometric theory. Students must show proficiency in applying econometrics methods to the analysis of economic problems.
- Mastery of two areas of concentration approved by the Applied Economics Graduate Faculty. Students must be able to use economic theory and appropriate quantitative methods to analyze policies and problems in the two areas.
- Ability to identify a research question, formulate a theoretical approach, design an appropriate method of analysis, document the research, and produce research of peer-reviewed journal quality.
- Ability to communicate in writing and orally economic concepts, economic policies, research proposals, and research results to both professional (i.e., economists and other scientists) and lay audiences.
- Understanding of the philosophy of science, economic institutions and history, and the history of economic ideas and approaches.

5. **Student Advising Structure**

The Director will assign each student to a temporary major professor from the Applied Economics Graduate Faculty, who will serve as the initial advisor. When identified, the major professor and program/dissertation committee members take over the advising responsibility.
6. Improvements of the Reorganized Program over the Previous Program

The proposed program offers a number of improvements over the former graduate program in Economics.

- The focus of the proposed Applied Economics program is on the application of economic theories, principles and methods to real-world problems. By paying significant attention to institutional details and data, the program aims to prepare applied economists well suited for academics, private sector and public agencies, both domestic and foreign.
- The proposed Applied Economics program supports both the Mission and Strategic Goals of OSU by contributing to educational, research, and outreach programs of the University’s thematic areas. It complies with the original UGFE mandate and leverages OSU’s competitive niche in applied sciences.
- The proposed Applied Economics program involves more faculty members, Departments and Colleges on campus than UGFE. The result should be greater access to these faculty members to participate in the GPAE. In addition, GPAE should also foster faculty interaction, interdisciplinary research and outreach, and comprehensive student education and training.
- The organizational changes accompanying the proposed Applied Economics program should foster a cooperative environment among faculty and students across Departments and Colleges.

7. Assessment of Student Outcomes

Master’s students will be assessed regarding the learning outcomes in the following ways:

- Students must satisfactorily complete all required coursework.
- Students must pass the final oral exam.

Assessment of learning outcomes for Doctoral students will be based on the following:

- Students must satisfactorily complete all required coursework.
- Students must pass two written preliminary exams, one each in microeconomic theory and quantitative methods.
- Students must pass a preliminary oral exam which covers all core and field coursework, as well as present and defend a dissertation prospectus.
- Students must pass a final oral exam covering all coursework, but primarily focused on the dissertation research.

D. Resources needed, if any: personnel, FTE academic, FTE classified, facilities and equipment.

The proposed program will mostly utilize existing courses albeit with emphasis on Applied Economics as defined in Section C. However, the administrative and resource structure of GPAE will be different from either UGFE or GEC. The former structures (UGFE or GEC)
had coordinating and content authority over the graduate economics core courses, but had minimal budgetary support (e.g. seminars, supplies and services). The proposed program has the following budgetary/resource arrangements:

- Each participating College will ensure that adequate resources assigned to the teaching of graduate applied economics core courses are available. The level of assigned resources by each participating College will reflect the past and potential future effort committed to teaching the graduate economics and applied economics core courses, respectively. Following a consultative process, the GPAE Director will appoint qualified OSU faculty (Table 1 of Appendix A) members to teach the graduate applied economics core courses in accordance with the Vision, Mission and Principles of the proposed program. If an OSU faculty member fails to meet agreed upon expectations for the delivery of a given core course, and following appropriate evaluation of the course and the faculty member or if no OSU faculty member has the appropriate expertise, the resources may be used by the Director to secure instruction from qualified faculty members external to OSU. Appendix B provides the preliminary resource plan based on the current economics and proposed applied economics graduate core courses. In Appendix C the Agreement on GPAE between associated Colleges (Agricultural Sciences, Forestry and Liberal Arts) and the University administration (Provost and Graduate School) is presented. The agreement identifies the expected division of expenditures based on current graduate economics core as follows: Economics $98,000; Forest Engineering, Resources and Management and Forest Ecosystems and Society $14,000; and Agricultural and Resource Economics $42,000. The preliminary cost estimates for the proposed applied economics core appear less than that of the current economics core, but the Agreement in Appendix C will be the final basis for actual costs and expenditures.

- Hiring for future economics faculty with core teaching responsibilities in relevant departments will occur through a consultative process, involving the deans, department heads, and the Director. Those positions need to achieve a balance between the needs of the Graduate Program in Applied Economics and other strategic priorities of the academic units.

- The Provost’s Office will fund (i) the Director’s position at 0.5 FTE (fixed-term) for an initial appointment of three years, and (ii) the support staff at 0.15 FTE.  

Most of the resources required to implement the GPAE are already available at OSU, but the reallocation of resources to the GPAE Director is critical in achieving and sustaining the program vision. The net budgetary impact of the proposed GPAE to OSU is expected to be zero. However, reallocations may have a positive or negative budgetary impact on

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7 At this time, this provision does not apply to the College of Health and Human Sciences, whose faculty does not teach in the core.

8 During the initial phase of the program, involving the Category I (abbreviated) process, the Director’s position is funded at 1.0 FTE.
individual participating Colleges. The latter’s chances are small so long as individual faculty’s and participating Departments’ interests are aligned with and contribute to the program vision. Each participating Department and College has the appropriate facilities and equipment required for the implementation of the GPAE.

E. Funding sources: state sources (institutional funds – state general fund, tuition and fees, indirect cost recoveries), federal funds, other funds as specified.

The additional resource to the program is the provision of Director’s and support-staff’s partial FTEs (0.5 FTE and 0.15 FTE respectively) by the Provost’s Office. Prior to 2006, the UGFE Chair and a support staff was funded by the Graduate School at 0.1 FTE and 0.2 FTE, respectively. Unlike the past structures (UGFE and GEC) which had mostly a coordinating authority for the Chair or Director, the proposed structure requires administration of resources assigned to this program. The new support is justified given the critical role of the Director in the proposed structure and success of the proposed program. Moreover, the GPAE will be an integral part of the OSU Mission, and significantly contribute to OSU’s Strategic Themes as outlined in the following. The Budget tables in Appendix D show the estimated costs and sources of funds for the proposed program for years 1 (2008-2009), 2 (2009-2010), 3 (2010-2011) and 4 (2011-2012). Additional resources for seminars, supplies and services, and other program activities are also included in the Budget tables.

F. Relationship of the proposed unit to the institutional mission

1. Description of how proposed program supports OSU’s Mission and Goals

The Mission of OSU is to promote “... economic, social, cultural and environmental progress for people across Oregon, the nation and the world through our graduates, research, scholarship, outreach, and engagement.” The three major goals in the Strategic Plan are:

1. Provide outstanding academic programs that further strengthen OSU’s performance and preeminence in the five thematic areas:
   a. Advancing the arts and sciences as the foundation for scientific discovery, social and cultural enhancement, and progress in the applied professions;
   b. Understanding the origin, dynamics, and sustainability of the Earth and its resources;
   c. Optimizing enterprise, innovation, and economic development;
   d. Realizing fundamental contributions in the life sciences and optimizing the health and well-being of the public;
   e. Managing natural resources that contribute to Oregon’s quality of life and growing and sustaining natural-resource based industries.

2. Provide an excellent teaching and learning environment and achieve student access, persistence and success through graduation and beyond that matches the best Land Grant universities in the country.
3. Substantially increase revenues from private fundraising, partnerships, research grants, and technology transfers while strengthening our ability to more effectively invest and allocate resources.

The proposed program is exceptionally well placed to support both the Mission and Strategic Goals of OSU. The program will contribute to educational, research, and outreach programs of the University’s thematic areas.

- As the title suggests, Applied Economics focuses on providing graduate students with an appropriate understanding of economic theories, principles and methods and their application to real-world problems with significant attention to data and institutions. Graduates will be well prepared for future careers, whether in education, government, nonprofit, or the private sector.
- An important traditional strength of OSU graduate economics faculty is work in resource and environmental economics. The overarching questions posed in this field deal with understanding human behavior regarding resource use and management of the environment, such that efficient policies can be developed to encourage sustained use of the Earth and its resources.
- The program represents an important expansion into the area of health economics, which seeks to optimize the health and well-being of the public, particularly in rural communities.
- The current strengths of OSU graduate economics faculty in supporting economic activity in the resource utilization industries (e.g. agriculture, fisheries, and forestry) will remain strong under the proposed program.

OSU’s economics programs, especially in natural resources and environmental economics, have enjoyed a strong national reputation for the quality of faculty expertise and graduate education. The national reputation is well reflected in the distinguished, award-winning faculty members and placement of graduates in excellent positions throughout the world. Ph.D. recipients from OSU’s economics programs have also taken positions in the private sector, where they have become prominent leaders in their professions. M.S. graduates from these programs have also placed well in the private sector, in NGOs, and in government. These graduates are also in high demand, owing to the quality of training and skills they develop while at OSU. The new partnership with the Colleges of Health and Human Sciences, and possible long-run collaborations with other Colleges (e.g. Business) will also contribute to the University’s thematic areas and support its Mission and Goals.

2. Potential positive and negative impact of proposed change

Creating an Applied Economics degree program offers many positive benefits to the faculty and students involved in the program.

- The changes in the way the new Graduate Program in Applied Economics is governed should help produce a cooperative environment. It will also avoid possible duplication of coursework across academic units offering economics programs.
• The Applied Economics program may improve the student recruitment process, while numerous students prefer its flexibility to pursue employment opportunities.

• Broadening the umbrella of the Applied Economics program by including students, coursework and faculty from the College of Health and Human Sciences, and potentially Business and Engineering in the future, is a positive step in extending economics education into other Colleges. New concentrations in Applied Economics can be created based on expertise found in a number of Departments across campus. The result should be broader access to instruction in Applied Economics.

• The emphasis and the title Applied Economics should result in increased enrollment in the M.A. and M.S. programs.

• Oregon State’s traditional strength in the sciences and engineering fits well with an Applied Economics degree program. Coursework can be better structured to prepare students for careers as applied economists. Such training and education will help sustain OSU’s reputation for relevant contributions to society and human well-being. Professional rankings of the Applied Economics program are becoming available and OSU is poised to achieve a top ranking in this category.

• A strong Applied Economics program based on faculty strengths will foster OSU’s goal to achieve top-ten Land Grant status for OSU.

There likely will also be some negative outcomes from this proposed change

• Student admissions may initially decline owing to communication gaps. With improved communication and advertising, it is anticipated that enrollment in the Applied Economics program will increase.

• Some faculty and students interested in economic theories and principles only may not find the proposed program attractive.

• The learning and adjustments required to cooperatively operate a single, multi-departmental Applied Economics Graduate Faculty may take some time. During that period, interaction among students and faculty in various academic units may be affected. With time and experience, it is expected that faculty can enthusiastically cooperate and collaborate on achieving the program vision.

G. Long-range goals and plans for the unit (including a statement as to anticipated funding sources for any projected growth in funding needs)

The proposed program is intended be the single source of graduate economics education at OSU. As a result, coordinated economics faculty hiring decisions across participating Colleges and additional resources placed directly in the program should contribute to the long-run sustainability of the program.

We anticipate that there is potential for growth in graduate student enrollment when offering the M.A., M.S. and Ph.D. degrees in Applied Economics. Economics degrees, especially those with an applied orientation, are in high demand. The proposed program would tap into this demand by its improved alignment with OSU’s Strategic Themes. Attracting high-
quality faculty and students, and retaining those faculty are keys to long-run viability of the proposed program.

Other areas of growth include interdisciplinary collaboration with the College of Business to offer a Business Economics minor, especially at the Master's level. Additionally, Energy Economics, Climate Change and Sustainable Resource use are emerging demand areas, which can be well served by collaborating with the College of Engineering, College of Oceanic and Atmospheric Sciences and College of Science. Some of the proposed long-range collaborations with Business, Engineering, Science and Oceanic and Atmospheric Sciences depend on not only demand but also resource availability.

H. Relationship of the proposed unit to programs at other institutions in the state

The University of Oregon (UO) has a graduate program in Economics. Economics faculty at OSU and UO have cordial relations. The proposed program in Applied Economics is complementary to the UO’s graduate Economics program. The UO program offers 11 graduate fields including several areas (e.g. macroeconomics, labor economics, and game theory) which are not offered by the proposed Applied Economics program. While some fields are common to both programs (e.g. environmental economics, international trade), the focus of the Applied Economics program is different from UO’s Economics program. For example, the natural resources and environmental economics area in the proposed Applied Economics program is closely aligned with the missions of OSU’s College of Agricultural Sciences, College of Forestry and College of Science. The M.A./M.S. degrees in the proposed Applied Economics program may compete with UO’s M.A. degree, but there seems to be more demand for these graduates than can be currently satisfied by both institutions.

The Economics Department at Portland State offers M.A. and M.S. degrees in Economics. They also participate in the Urban Studies Doctoral Degree program. The proposed program in Applied Economics at OSU is expected to be complementary to the focus areas of PSU’s Economics Department. Appendix E provides correspondence with the Chairs of UO’s and PSU’s Economics Departments.

I. If the program is professionally accredited, identify the accrediting body and discuss how the proposed change may affect accreditation

Not professionally accredited.
## Appendix A

### Table 1: Potential Applied Economics Graduate Faculty

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Rank/Position</th>
<th>Department</th>
<th>College*</th>
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<tr>
<td>Adams</td>
<td>Richard</td>
<td>Professor</td>
<td>Ag &amp; Res Economics</td>
<td>CAS</td>
</tr>
<tr>
<td>Adams</td>
<td>Darius</td>
<td>Professor</td>
<td>Forest Eng, Res &amp; Mgmt</td>
<td>COF</td>
</tr>
<tr>
<td>Albers</td>
<td>Heidi</td>
<td>Assoc Professor</td>
<td>Forest Ecosys &amp; Society</td>
<td>COF</td>
</tr>
<tr>
<td>Allig</td>
<td>Ralph</td>
<td>Research Forester</td>
<td>PNW Research Station</td>
<td>COF</td>
</tr>
<tr>
<td>Bernell</td>
<td>Stephanie</td>
<td>Assoc Professor</td>
<td>Public Ecosys &amp; Society</td>
<td>COF</td>
</tr>
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<td>Antle</td>
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<td>Ag &amp; Res Economics</td>
<td>CAS</td>
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<td>CAS</td>
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<tr>
<td>Buccola</td>
<td>Steven</td>
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<tr>
<td>Capalbo</td>
<td>Susan</td>
<td>Professor and Head</td>
<td>Ag &amp; Res Economics</td>
<td>CAS</td>
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<td>Chi</td>
<td>Chunheui</td>
<td>Assoc Professor</td>
<td>Public Health</td>
<td>HHS</td>
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<td>Diebel</td>
<td>Penny</td>
<td>Assoc Professor</td>
<td>EOU - OSU Program</td>
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<td>Cathy</td>
<td>Asst Professor</td>
<td>Food Innovation Center</td>
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<td>Thorsten</td>
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<tr>
<td>Grosskopf</td>
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<td>Joe</td>
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<tr>
<td>Kline</td>
<td>Jeff</td>
<td>Research Forester</td>
<td>Forest Sciences Lab</td>
<td>COF</td>
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<tr>
<td>Langpap</td>
<td>Christian</td>
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<tr>
<td>Lev</td>
<td>Larry</td>
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<td>Ag &amp; Res Economics</td>
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</tr>
<tr>
<td>Martins-Filho</td>
<td>Carlos</td>
<td>Professor</td>
<td>Economics</td>
<td>CLA</td>
</tr>
<tr>
<td>McMullen</td>
<td>Starr</td>
<td>Professor</td>
<td>Economics/Ag &amp; Res Econ</td>
<td>CLA/CAS</td>
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<tr>
<td>McGough</td>
<td>Bruce</td>
<td>Professor</td>
<td>Economics</td>
<td>CLA</td>
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<td>Meng</td>
<td>Qinglai</td>
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<td>CLA</td>
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<td>Mishra</td>
<td>Santosh</td>
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<td>Montgomery</td>
<td>Claire</td>
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<td>Forest Eng, Res &amp; Mgmt</td>
<td>COF</td>
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<td>Gregory</td>
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<td>Plantinga</td>
<td>Andrew</td>
<td>Assoc Professor</td>
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<tr>
<td>Reimer</td>
<td>Jeff</td>
<td>Asst Professor</td>
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<td>CAS</td>
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<tr>
<td>Rosenberger</td>
<td>Randall</td>
<td>Asst Professor</td>
<td>Forest Ecosys &amp; Society</td>
<td>COF</td>
</tr>
<tr>
<td>Sessions</td>
<td>John</td>
<td>OSU Distinguished Professor</td>
<td>Forest Eng, Res &amp; Mgmt</td>
<td>COF</td>
</tr>
<tr>
<td>Stone</td>
<td>Daniel</td>
<td>Asst Professor</td>
<td>Economics</td>
<td>CLA</td>
</tr>
<tr>
<td>Sylvia</td>
<td>Gil</td>
<td>Professor, Director COMES</td>
<td>COMES (Newport)</td>
<td>CAS</td>
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<tr>
<td>Tanaka</td>
<td>John</td>
<td>Assoc Professor</td>
<td>Union Exp Station</td>
<td>CAS</td>
</tr>
<tr>
<td>Tekin-Koru</td>
<td>Ayca</td>
<td>Asst Professor</td>
<td>Economics</td>
<td>CLA</td>
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<tr>
<td>Tremblay</td>
<td>Carol</td>
<td>Assoc Professor</td>
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<td>Tremblay</td>
<td>Victor</td>
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<td>Weber</td>
<td>Bruce</td>
<td>Professor</td>
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<td>Wu</td>
<td>Junjie</td>
<td>Professor</td>
<td>Ag &amp; Res Economics</td>
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</tbody>
</table>

This table lists faculty willing to teach in the proposed program. *CAS: College of Agricultural Sciences; COF: College of Forestry; CLA College of Liberal Arts; HHS: College of Health and Human Sciences.
## Appendix A

### Table 2: Initial Applied Economics Graduate Faculty

<table>
<thead>
<tr>
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<td>COF</td>
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<td>Albers</td>
<td>Heidi</td>
<td>Assoc Professor</td>
<td>Forest Ecosys &amp; Society</td>
<td>COF</td>
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<tr>
<td>Allig</td>
<td>Ralph</td>
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<td>PNW Research Station</td>
<td>COF</td>
</tr>
<tr>
<td>Bernell</td>
<td>Stephanie</td>
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<td>Public Health</td>
<td>HHS</td>
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<tr>
<td>Antle</td>
<td>John</td>
<td>Professor</td>
<td>Ag &amp; Res Economics</td>
<td>CAS</td>
</tr>
<tr>
<td>Boggess</td>
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<td>Ag &amp; Res Economics</td>
<td>CAS</td>
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<td>Buccola</td>
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<tr>
<td>Chi</td>
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<td>Diebel</td>
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<td>Gopinath</td>
<td>Munisamy</td>
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<td>Hanna</td>
<td>Susan</td>
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<td>COMES (Newport)</td>
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<tr>
<td>Jaeger</td>
<td>William</td>
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<td>Kerkvliet</td>
<td>Joe</td>
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<td>Kline</td>
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<td>Forest Sciences Lab</td>
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<td>Langpap</td>
<td>Christian</td>
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<td>CAS</td>
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<tr>
<td>Lev</td>
<td>Larry</td>
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<td>CAS</td>
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<td>McMullen</td>
<td>Starr</td>
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<td>Claire</td>
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<td>Forest Eng. Res &amp; Mgmt</td>
<td>COF</td>
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<tr>
<td>Perry</td>
<td>Gregory</td>
<td>Professor</td>
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<td>CAS</td>
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<tr>
<td>Plantinga</td>
<td>Andrew</td>
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<td>Ag &amp; Res Economics</td>
<td>CAS</td>
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<td>Reimer</td>
<td>Jeff</td>
<td>Asst Professor</td>
<td>Ag &amp; Res Economics</td>
<td>CAS</td>
</tr>
<tr>
<td>Rosenberger</td>
<td>Randall</td>
<td>Assoc Professor</td>
<td>Forest Ecosys &amp; Society</td>
<td>COF</td>
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<tr>
<td>Sessions</td>
<td>John</td>
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<td>Sylvia</td>
<td>Gil</td>
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<td>Union Exp Station</td>
<td>CAS</td>
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<td>Weber</td>
<td>Bruce</td>
<td>Professor</td>
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<td>CAS</td>
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<tr>
<td>Wu</td>
<td>Junjie</td>
<td>Professor</td>
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<td>CAS</td>
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This table lists faculty willing to teach, advise students and provide service in the proposed program.

*CAS: College of Agricultural Sciences; COF: College of Forestry; CLA College of Liberal Arts; HHS: College of Health and Human Sciences.
Appendix A
Table 3: Vision, Mission and Principles of the Graduate Program
in Applied Economics

Vision
OSU’s Graduate Program in Applied Economics (GPAE) will be nationally and internationally recognized within 5 years for distinctive excellence and impacts of its graduates, research and scholarship on the application of economic theories, principles and methods to real-world problems with significant attention to data and institutions.

Mission
To create M.S., M.A., and Ph.D. programs and deliver exemplary graduate education, research and scholarship in applied economics necessary to achieve the vision.

Content Principles:
1. The GPAE builds on faculty strengths in applied economics, offering vibrant and highly sought Master’s and Doctoral programs with special attention to the Themes of OSU’s Strategic Plan.
2. Graduate curricula, research and scholarship contribute directly and measurably to the outcome of solving real-world problems.
3. The principal role of economic theory in this program is to provide a foundation for graduate education in applied economics.

Governance Principles:
1. Program governance will achieve and sustain the program vision.
2. Membership on the graduate faculty of the applied economics graduate program is open to all OSU and OSU-affiliated faculty possessing expertise in economics and applied economics and who desire to contribute actively to achieving the program’s vision and mission.
3. The graduate faculty associated with the applied economics graduate program is responsible for and has authority over (by majority vote) all aspects of OSU’s graduate program in applied economics including policies regarding program curricula and standards.
4. The program will be housed in the Graduate School and administered by a director reporting to the Dean of the Graduate School.
## Appendix A

### Table 4. List of Selected Universities Offering Degree Programs in Applied Economics

<table>
<thead>
<tr>
<th>PhD and MS Degree programs</th>
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<tr>
<td>Cornell (Applied Economics and Management)</td>
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<td>Minnesota (Applied Economics)</td>
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<td>Northeastern University</td>
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<td>Auburn University</td>
</tr>
<tr>
<td>Wisconsin (Agricultural and Applied Economics)</td>
</tr>
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<td>University of Antwerp (Belgium)</td>
</tr>
<tr>
<td>Clemson University</td>
</tr>
<tr>
<td>Leuven University (Belgium)</td>
</tr>
<tr>
<td>University of Waterloo (Canada)</td>
</tr>
<tr>
<td>Mississippi State</td>
</tr>
<tr>
<td>Texas Tech (Agricultural and Applied Economics)</td>
</tr>
<tr>
<td>Western Michigan University</td>
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<table>
<thead>
<tr>
<th>MS only Degree Programs</th>
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<tbody>
<tr>
<td>Massey University (New Zealand)</td>
</tr>
<tr>
<td>Nevada – Reno (Resource and Applied Economics)</td>
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<tr>
<td>Johns Hopkins</td>
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<tr>
<td>Illinois State</td>
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<tr>
<td>SUNY-Buffalo</td>
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<tr>
<td>North Dakota</td>
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<tr>
<td>Central Florida</td>
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<tr>
<td>Washington State</td>
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<tr>
<td>Adelaide (Australia)</td>
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<td>Utah State</td>
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<tr>
<td>Texas – Dallas</td>
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<tr>
<td>Michigan</td>
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<tr>
<td>East Carolina University</td>
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<tr>
<td>Griffith (Australia)</td>
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<tr>
<td>San Jose State</td>
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<tr>
<td>North Dakota State (Agribusiness and Applied Economics)</td>
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Appendix B

Preliminary Resource Plan for Core Courses

<table>
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<tr>
<th>a) Current Graduate Economics Core</th>
<th>Home of Current Instructor</th>
<th>Salary Rate(^a)</th>
<th>Average OPE (40%)</th>
<th>Total</th>
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<td>$4,000</td>
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<tr>
<td>AREC/ECON 512 (MS Microeconomics)</td>
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<td>$4,000</td>
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<tr>
<td>AREC/ECON 513 (MS Microeconomics)</td>
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<td>ECON 529 (Mathematical Economics)</td>
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<td>ECON 570 (Macroeconomics I-Advanced)</td>
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<td>ECON 571 (Macroeconomics II-Advanced)</td>
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<td>AREC/ECON 611 (Math for Economists)</td>
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</tr>
<tr>
<td>AREC/ECON 612 (PhD Microeconomics)</td>
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<tr>
<td>AREC/ECON 613 (PhD Microeconomics)</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>$110,000</strong></td>
<td><strong>$44,000</strong></td>
<td><strong>$154,000</strong></td>
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</table>

<table>
<thead>
<tr>
<th>b) Proposed Graduate Applied Economics Core</th>
<th>Home of Expected Instructor(^b)</th>
<th>Salary Rate(^a)</th>
<th>Average OPE (40%)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREC/ECON 523 (Econometrics)</td>
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<tr>
<td>AREC/ECON 525 (Econometrics)</td>
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<tr>
<td>AREC/ECON 526 (Econometrics)</td>
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<tr>
<td>AREC/ECON 512 (MS Microeconomics)</td>
<td>FOR</td>
<td>$10,000</td>
<td>$4,000</td>
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</tr>
<tr>
<td>AREC/ECON 513 (MS Microeconomics)</td>
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</tr>
<tr>
<td>ECON 515 (Macroeconomics Theory I)</td>
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<td>ECON 570 (Macroeconomics I-Advanced)</td>
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<tr>
<td>AREC/ECON 611 (Math for Economists)</td>
<td>ECON</td>
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<td>AREC/ECON 613 (PhD Microeconomics)</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$100,000</strong></td>
<td><strong>$40,000</strong></td>
<td><strong>$140,000</strong></td>
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<table>
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<tr>
<th>c) Estimated Participating-Colleges' Share(^c)</th>
<th>Based on Current Core</th>
<th>Based on Proposed Core</th>
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<tbody>
<tr>
<td>College of Liberal Arts</td>
<td>$98,000</td>
<td>$84,000</td>
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<tr>
<td>College of Agricultural Sciences</td>
<td>$42,000</td>
<td>$42,000</td>
</tr>
<tr>
<td>College of Forestry</td>
<td>$14,000</td>
<td>$14,000</td>
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\(^a\)Average of CAS ($10,000) CLA ($9,000) and COF ($11,000)

\(^b\)The Agreement between associated Colleges and University Administration (Appendix C) will be the final basis for instructional faculty appointments.

\(^c\)The Agreement between associated Colleges and University Administration (Appendix C) estimates costs and expenditures based on the Current Graduate Economics Core. The data in this table are preliminary estimates and the Agreement in Appendix C will be the final basis for actual costs and expenditures.
November 20, 2008

To: Bill Boggess
Interim Dean, College of Agricultural Sciences
Larry Rodgers
Dean, College of Liberal Arts
Hal Salwasser
Dean, College of Forestry

From: Sabah Randhawa Sabah
Provost and Executive Vice President

RE: Applied Economics Graduate Program

I want to thank you for your time, effort and support to help finalize and execute an agreement to advance the Applied Economics graduate program, a copy of which accompanies this memo. I remain confident that OSU has the faculty capacity to develop and offer an exemplary graduate program in Applied Economics. While the faculty in Department of Economics has chosen not to be the official members of the Applied Economics graduate program, I am heartened to see that they will participate in delivering the core curriculum in the program. I also remain optimistic that in the future, current or future economics faculty members will become active members of the Applied Economics graduate program.

Consistent with the Agreement, the University will provide up-front estimated costs for delivering core courses in the Applied Economics graduate program to the Program Director. These up-front resources are expected to be used as buy-out funds, and per the agreement, will be returned to the University. For fall 2009, the estimated cost for delivering the core curriculum is $154,000, distributed among the three participating units as follows: Economics $98,000; Forest Engineering, Resources and Management $14,000; and Agricultural and Resource Economics $42,000. These costs will be immediately returned to the University by contributing academic units, per the above distribution.

It is important that the faculty delivering the core courses meet the expectations (content and delivery) for those courses defined by the Applied Economics curriculum to ensure student success and program growth. It is equally important that there is an assessment process in place for reviewing the quality and relevance of courses and instruction, and an associated cause and due process for changes in teaching assignments that would involve input from the Graduate School and other unit and college administrators. As the Category I proposal for the Applied Economics graduate program is finalized, I expect that the Program Director will work with Dean Francis and others to concurrently define the appropriate processes to ensure program sustainability.

Again, thank you for your support of the Applied Economics Graduate Program.

c: Sally Francis, Dean of the Graduate School
   Becky Johnson, Vice Provost for Academic Affairs & International Programs
   Munisamy Gopinath, Director, Applied Economics Graduate Program
Appendix C (continued)
Agreement between Associated Colleges and the University Administration

APPLIED ECONOMICS GRADUATE PROGRAM
Agreement between OSU Colleges of Agricultural Sciences, Forestry, and Liberal Arts and University Administration

Oregon State University will implement a graduate program in Applied Economics to be effective fall term, 2009, pending necessary approval processes. The Applied Economics graduate program will be housed in the Graduate School. The existing M.S., M.A., and Ph.D. degrees in Economics will be eliminated (See Provost’s memorandum of 3/21/08); also the M.S. and Ph.D. degrees in Agricultural and Resource Economics and the forest economics option within the Forest Resources graduate degree program will be suspended. These degree programs will be eliminated once the Applied Economics Graduate Program is successfully implemented. This memorandum articulates the internal agreements and commitments that will support and facilitate the implementation of the Applied Economics program.

Overall Administration of the Program:
1. The Applied Economics Program will be administered by a Director who reports to the Dean of the Graduate School. The Director will be appointed in consultation with the leadership of the participating colleges and participating departmental faculty members. The nominal term of appointment for the Director will be three years, though like other administrative appointment at OSU, the Director will serve at the pleasure of the Dean of the Graduate School. Appointment is renewable, depending on performance as determined through annual reviews and a three-year 360° review, and the ability of the individual to effectively deliver on future directions of the program. The Director’s appointment FTE will be substantially higher at the outset and will be reduced over time to be consistent with comparable multi-disciplinary, multi-departmental programs administered by the Graduate School. Development of the Category I proposal for the new program requires an initial appointment of the Director at 1.00 FTE. The University will provide resources through the Graduate School to support the salary of the Director and 0.15 FTE staff support.
2. Instructional faculty appointments associated with delivering the Applied Economics graduate program core will be made by the Director through a process of consultation involving the Deans, relevant department heads, and faculty advisory committee (or comparable structure) of the Applied Economics program to assure that the needs of the Applied Economics core curriculum are met.
3. The Deans of participating colleges will work with the relevant department heads and the Director to promote the program, identify existing faculty to develop enhanced collaborations, and modify faculty members’ position descriptions to reflect active contribution to the program and an expectation for the delivery of a high quality graduate degree program.
4. Student Credit Hours (SCH) generated as a result of offering the program will be credited to the units employing the faculty members responsible for the delivery of those credits.
5. Hiring for future economics faculty with core teaching responsibilities (or “economics faculty”) in relevant departments will occur through a consultative process, involving the Deans, department heads, and the Director. Those positions need to achieve a balance between the needs of the Applied Economics graduate program and other strategic priorities of the academic units.
Appendix C (continued)
Agreement between Associated Colleges and the University Administration

Responsibilities of the Deans of the Colleges of Agricultural Sciences, Forestry, and Liberal Arts:
1. Ensure effective departmental leadership in the Departments of Agricultural and Resource Economics, Economics, Forest Engineering, Resources, and Management, and Forest Ecosystems and Society that will support, facilitate and enable the initial implementation and long-term success and growth of the program.
2. The Department of Economics will be responsible for covering yet-to-be determined costs of graduate faculty duties (e.g. thesis direction, committee work) that faculty members in the Department of Economics will not be performing in support of the Applied Economics program.

Responsibilities of the Dean of the Graduate School:
1. Hire and appoint the Director.
2. Provide management of the Director position, including:
   a. Annual evaluation of the Director
   b. Oversight of use of resources allocated to the program
   c. Decide on broad direction of the program, including enrollment targets
   d. Ensure that key milestones of the implementation and development process are executed
3. In resolving conflicts regarding the academic program quality and delivery of core courses, as in the case of other multi unit or interdisciplinary programs housed in the Graduate School, issues will proceed from the director to the Graduate Dean who will work with the participating deans to reach a resolution. The effectiveness of this approach will rely on the involvement of the deans which necessarily relies on their relationships with their respective department heads.

Responsibilities of the Provost and Executive Vice President:
1. Provide University resources to support the salary of the Director and support staff.
2. Provide a recurring investment of an estimated $154,000 to the Director starting fall, 2009, for the purpose of securing instructional FTE to deliver the Applied Economics core courses on a contract basis according to appropriate standards set by the Director and oversight group. The estimated investment is based on the need to deliver 11 core courses annually at an average salary of $10,000 per course and an average OPE of $4,000 per course ($14,000 x 11 = $154,000). The expected division of expenditures will be as follows: Economics $98,000; Forest Engineering, Resources and Management and Forest Ecosystems and Society $14,000; and Agricultural and Resource Economics $42,000. These funds will be under the control of the Director of the program to be used to provide buyout from OSU academic units of faculty time for instruction of core courses. That is, the "buyout" funds will be immediately returned to the Provost by the Director in exchange for faculty FTE purchased from the contributing academic units. If an OSU faculty member fails to meet agreed upon expectations for the delivery of a given core course, and following appropriate evaluation of the course and the faculty member or if no OSU faculty member has the appropriate expertise, the "buyout" funds may be used by the Director to secure instruction from qualified faculty members external to OSU; in such cases, funds will be retained by the external entity.
3. Resolve conflicts regarding budget allocation involving the three academic colleges in the delivery of the Applied Economics program.
Appendix C (continued)
Agreement between Associated Colleges and the University Administration

The Colleges of Agricultural Sciences, Forestry, and Liberal Arts agree to be unified in their support of this agreement, and will continue to maintain critical mass of faculty for delivery and expansion of the Applied Economics Program.

Bill Boggess  
Interim Dean, College of Agricultural Sciences  
10/29/08  
Date

Hal Salwasser  
Dean, College of Forestry  
10/29/08  
Date

Larry Rodgers  
Dean, College of Liberal Arts  
10/29/08  
Date

Sally Francis  
Dean, Graduate School  
10/29/08  
Date

Sabah Randhawa  
Provost and Executive Vice President  
10/29/08  
Date
Appendix D

(OUS and OSU)

Category I Proposal Budget Outline

Estimated Costs and Sources of Funds for the Proposed Program

Institution: Oregon State University

Category I Proposal Name: Graduate Program in Applied Economics

Academic Year: 2008-2009

Operating Year: 1st

(Indicate 1st, 2nd, 3rd, or 4th year—prepare one page for each)

Completed by: Gopinath Munisamy

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<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
<th>Column C</th>
<th>Column D</th>
<th>Column E</th>
<th>Column F</th>
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<tbody>
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<td>Institution</td>
<td>From Current Budgetary Unit</td>
<td>From Institutional Realization from Other Budgetary Unit</td>
<td>From Special State Appropriation Request</td>
<td>From Federal Funds &amp; Other Grants/Contracts</td>
<td>From Fees, Fines, &amp; Other Income</td>
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<tr>
<td>Personnel Subtotal</td>
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Other Resources

| Library/Printed | | | | | | | $0 |
| Library/Electronic | | | | | | | $0 |
| Supplies and Services | Graduate School | | | | | | $4,000 |
| Equipment | | | | | | | $0 |
| Travel | Graduate School | | | | | | $2,000 |
| Other Expenses (Seminar) | Graduate School | | | | | | $4,000 |
| Other Resources Subtotal | 0 | 0 | 0 | 0 | 0 | 0 | $10,000 |

Physical Facilities

| Construction | | | | | | | $0 |
| Major Renovation | | | | | | | $0 |
| Other Expenses | | | | | | | $0 |
| Physical Facilities Subtotal | 0 | 0 | 0 | 0 | 0 | 0 | $0 |

GRAND TOTALS: 0 0 0 0 0 0 0 $163,306

Percentage of Total: 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%

* See current OPE tables at http://oregonstate.edu/dept/budget/grad/tables.htm
### Appendix D (continued)

**(OUS and OSU)**

**Category I Proposal Budget Outline**

Estimated Costs and Sources of Funds for the Proposed Program

Total new resources required to honor the increased workload, if any, if these resources are required, the budgetary impact should be reported on each.

Use "Budget Outline Instructions" on the OUS Forms and Guidelines Website: [www.ous.edu/ouc/forms.html](http://www.ous.edu/ouc/forms.html)

**Institution:** Oregon State University

**Category I Proposal Name:** Graduate Program in Applied Economics

**Academic Year:** 2009-2010

**Operating Year:** 2nd

(Indicate 1st, 2nd, 3rd, or 4th year—prepare one page for each)

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#### Personnel

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<td></td>
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- **Faculty (Include FTE) Director**
  - Provost’s Office: $15,750
- **Support Staff (Include FTE)**
  - Provost’s Office: $0
- **Graduate Assistants (Include FTE)**
  - Provost’s Office: $0
- **Fellowships/Scholarships**
  - Provost’s Office: $0
- **OPE: Faculty (45%)**
  - Provost’s Office: $27,652
- **Staff**
  - Provost’s Office: $6,300
- **GTA/GRA**
  - Provost’s Office: $0
- **Nonrecurring**
  - Provost’s Office: $0

**Personnel Subtotal:** $110,882

#### Other Resources

| Library/Printed | | | | | | | $0 |
| Library/Electronic | | | | | | | $0 |
| Supplies and Services | Graduate School | | | | | $4,000 |
| Equipment | | | | | | $0 |
| Travel | | | | | | $0 |
| Other Expenses | Graduate School | | | | | $6,000 |

**Other Resources Subtotal:** $10,000

#### Physical Facilities

| Construction | | | | | | | $0 |
| Major Renovation | | | | | | $0 |
| Other Expenses | | | | | | $0 |

**Physical Facilities Subtotal:** $0

**Grand Totals:** $129,882

**Percentage of Total:** 6.80% 0.00% 0.09% 0.06% 0.00% 0.00% 0.00%

*See current OPE tables at [http://www.oregonstate.edu/dept/budgets/brd/brd.html](http://www.oregonstate.edu/dept/budgets/brd/brd.html)
### Appendix D (continued)

**Category I Proposal Budget Outline**

**Estimated Costs and Sources of Funds for the Proposed Program**

Total personnel requested is 2 (full-time equivalent). If any resources are requested, the budget summary should be recorded above.

**Institution:** Oregon State University

**Category I Proposal Name:** Graduate Program in Applied Economics

**Academic Year:** 2010-2011

**Operating Year:** 3rd

(Indicate 1st, 2nd, 3rd, or 4th year—prepare one page for each)

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<td>$135,877</td>
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</tbody>
</table>

**Percentage of Total:**

- 0.00%
- 0.00%
- 0.00%
- 0.00%
- 0.00%
- 0.00%
- 0.00%

*See current OPE tables at [http://oregonstate.edu/depts/budgets/budgetandtables.htm](http://oregonstate.edu/depts/budgets/budgetandtables.htm)
Appendix D (continued)

(OUS and OSU)

Category I Proposal Budget Outline

Estimated Costs and Sources of Funds for the Proposed Program

Tallied new resources required to handle the increased workload. Fees, PPS, and resources are organized. The budgeting budget should be reported as zero.

See "Budget Outline Instructions" on the OUS and Outlines web site: www.ous.edu/budget/outlines.html

Institution: Oregon State University

Category I Proposal Name: Graduate Program in Applied Economics

Academic Year: 2011-2012 Operating Year: 4th

Completed by: Geopharm Munsamy

(Indicate 1st, 2nd, 3rd, or 4th year—prepare one page for each)

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<tr>
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<td>Institutional Realization from other Budgetary Unit</td>
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<td>From Federal Funds</td>
<td>Other Grants/Contracts</td>
<td>From Fees, Sales, &amp; Other Income</td>
<td>Endowment</td>
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<tr>
<td>FTE</td>
<td>Dept</td>
<td>College</td>
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</tbody>
</table>

Personnel

- Faculty (Include FTE) Director: 0.50 | Provost's Office | $77,943
- Support Staff (Include FTE) | Provost's Office | $17,395
- Graduate Assistants (Include FTE) | | $0
- Fellowships/Scholarships | | $0
- CIPE: Faculty (45%) | | $30,517
- Staff | | $6,946
- GTA/GRA | | $0
- Nonrecurring | | $0
- Personnel Subtotal: 0 0 0 0 0 0 | | $132,171

Other Resources

- Library/Printed | | $0
- Library/Electronic | | $0
- Supplies and Services | Graduate School | $4,000
- Equipment | | $0
- Travel | | $0
- Other Expenses | | $0
- Other Resources Subtotal: 0 0 0 0 0 0 | | $10,000

Physical Facilities

- Construction | | $0
- Major Renovation | | $0
- Other Expenses | | $0
- Physical Facilities Subtotal: 0 0 0 0 0 0 | | $0

GRAND TOTALS: 0 0 0 0 0 0 | | $142,171

Percentage of Total: 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%

* See current CPE tables at http://oregonstate.edu/dept/budget/budgetandtables.htm
Appendix E
Liaison with the University of Oregon and Portland State University

University of Oregon

Dear Gopi,

I have distributed your proposal and asked for comments from my colleagues. From these departmental comments, and my own reading of the proposal (as well as our conversation), our department does not have any significant concerns. This proposal certainly seems to differentiate your economics-related Ph.D. degrees much more from us than was true in the past. There will still be some overlap in such fields as environmental and international economics, and we would hope that we can continue to foster connections between the programs to use our shared resources in these areas in ways that are complementary. Offering an "applied Master's" degree will also differentiate your Master's program from ours more than in the past, as ours is perhaps more geared toward students preparing themselves for Ph.D. programs and, thus, less applied. Certainly the addition of an applied Master's degree in the state should be of interest to many of our UO economics graduates in the future.

Thanks for requesting our input and best of luck in this endeavor.

Sincerely,

Bruce Blonigen
Knight Professor of Social Science and Head
Department of Economics
University of Oregon
Eugene, OR 97403-1285
Ph: 541-346-4600
Fax: 541-346-1243

Portland State University

Dear Gopi,

I have read OSU's proposal to create a Graduate Program in Applied Economics and shared it with my colleagues. Our department does not have any concerns with the proposal. We support this proposal and hope that we can continue to cooperate and collaborate in complementary areas.

Thanks for requesting our input.

Sincerely,

Randall A. Bluffstone
Professor and Chair
Department of Economics
Portland State University
PO Box 751
Portland, Oregon 97207-0751
503-725-3938
fax: 503-725-3945
Liaison with the College of Health and Human Sciences
Oregon State University

Dean Tammy Bray’s support of HHS Faculty’s participation in the Graduate Program in Applied Economics is expressed by Dr. Marie Harvey, Chair of the Public Health Department, in the following message (copied to the Dean and participating faculty).

From: Harvey, Marie  
To: Gopinath, Munisamy - AREC; Bray, Tammy  
Cc: Bernell, Stephanie; Chi, Chunhuei  
Subject: RE: Applied Economics

Gopi,

I have checked with Stephanie and Chunhuei and they would be pleased to participate in the Applied Economics degree. Marie

S. Marie Harvey  
Professor & Chair  
Oregon State University  
Department of Public Health  
Waldo 258  
Corvallis, OR 97331  
phone 541-737-3824 fax 541-737-4001
November 19, 2008

TO: Sally Francis, Dean, Graduate School

FROM: Larry Rodgers, Dean

RE: Application for Applied Economics Grad Program

I've reviewed the proposal for the new Applied Economics (AE) program, and received extensive feedback from multiple sources around campus. I am asking that this letter be appended to the proposal to clarify some matters outside the scope of the proposal. The letter is to offer my endorsement for the proposal. I believe that this aligns well with OSU's strategic plan and will, in the long run, be an outstanding opportunity for graduate students at Oregon State.

Nonetheless, no matter how thorough or legalistic a document like this pretends to be, it cannot, in my experience, fully anticipate the future consequences of all that it tries to lay out. Thus my endorsement is predicated on the AE faculty; the AE director; the respective Deans of the Graduate School, Agricultural Sciences, and Forestry; and the Provost apprehending some general principles about the program's relationship to the Department of Economics and to the College of Liberal Arts.

1. The Department of Economics has unanimously opted to have none of its current faculty be official members of the AE graduate program. I support this decision. I also strongly support the idea that at any point in the future, any eligible current or future economics faculty member may individually apply for and become a member of the AE faculty.

2. Economics faculty who have opted out of participating in the AE program will not ask for, or expect, any input into the AE curriculum, or any other aspects of the program.

3. The Department of Economics will teach 6-7 core courses, beginning in the fall of 2009. A rough estimate of $14,000/course has been assigned to cost of these courses, which means that the teaching of these courses represents up to an approximate outlay of $98,000 worth of FTE on behalf of the program. This means that each course thus theoretically represents a transfer of $14,000 from the CLA budget into an AE discretionary teaching account, in the event that one or more courses, for unforeseeable reasons, are not taught by Department of Economics faculty. I do not view this relationship between FTE and dollars as in any way offering an incentive to pull Economics faculty from teaching in the core in order to capture CLA dollars. I want to
emphasize that I would view any such transfer of actual dollars as an extraordinary circumstance owing to unforeseeable and unusual circumstances. My assumption is that no Department of Economics faculty will be pulled from classes or replaced without substantial cause and due process that involves input and consideration from the graduate school, CLA and other relevant parties. That said, economics faculty have committed to teaching these courses at the highest level of faculty competence, with each faculty member’s pedagogical goal being to meet the educational mission of the AE core program.

4. Matters in the Department of Economics involving tenure and promotion, the direction and scope of faculty research programs, yearly evaluation, and future hiring are driven by CLA priorities. Hiring will remain a consultative process involving the Provost and other relevant administrators. The AE program is free to supply input on such matters—and I would hope that future lines of communication between the AE program and the Department of Economics find areas of shared values and interests—but AE cannot expect its priorities to supersede those of CLA.
Budgets and Fiscal Planning Committee’s Report, December 3, 2008

Dear Dan Dowhower,

BFP reviewed two Category I proposals regarding graduate programs in economics:
1. Suspension of current graduate degrees in Agricultural and Resource Economics
2. Revising all of the graduate Economics degrees into one Applied Economics program to be housed in the Graduate College

The proposal materials the committee reviewed are attached to this email. The committee remarked on the thorough description, more than adequate narrative, and even the budget details received. The additional four-page memo from Provost Sabah Randhawa added further clarity to both the goals and level of support this proposal enjoys.

The committee reviewed the proposal, discussed the contents at length, and met for an additional 20 minutes with Gopinath Munisamy, the director-to-be of the revised program.

The Budget and Fiscal Planning Committee recommends the proposal be forwarded at this time to the Curriculum Committee of the Faculty Senate. Please see attached correspondence (proposal, Randhawa memo) for your records.

The committee noted concerns with the proposal. The committee approved forwarding the proposal with the addition of comments noted here:

1) This proposal would not go forward without assurance other programs would be eliminated. Otherwise, there would be significant duplication. We have assurances this will be automatic upon approval of this revision;
2) Dr. Munisamy gave assurances that students enrolled in existing programs (Econ or AREC) would be able to complete their degrees, or have option to transfer to the new Applied Economics degree program. The committee asked whether additional resources were required to shepherd those students through. We also were assured that students in the Ph.D. program in Economics have completed the courses that have been removed from the Applied Economics program, and that students in the other programs have basically the same requirements as the AE degree and therefore, no additional resources were necessary for offering courses;
3) It appears the Applied Economics (AE) program is high cost per student program with a substantial administrative cost component, so there is a concern regarding long term sustainability. Recurring administrative costs of close to $150,000 are substantial. There is no indication in the proposal of a longer term commitment from the provost/grad school, or how student enrollment might grow to cover these costs. Is the AE intended to be a self support/self sustaining program or will it require ongoing support from the Provost or Grad School beyond the four year 360 review? And;
4) Is funding from the Provost at the expense of other equally important academic programs? These are not noted (indeed, they may not be known). More than one committee member remarked that committee had not seen this level of financial support in the past from the Provost’s office, and so questioned should this be part of routing for all future interdisciplinary collaborations.

Please contact Frost (author) for any discrepancies with the above. As co-chairs, we divide proposals based on their order of arrival.

Sincerely,

Robert A. Frost and Rebecca Warner
Co-Chairs, Faculty Senate Budgets and Fiscal Planning Committee
Dear Dan,

The Graduate Council approved the abbreviated Category I proposal renaming and reorganizing the Graduate Degrees in Economics Leading to the Master of Arts, Master of Science, and Doctor of Philosophy in Applied Economics. As part of the approval, the Council recommends that the data in Table 1, located in Appendix B, be more closely aligned with the actual applied economics core and that the long-term financial support of the directorship be clarified now. Graduate Council members shared the Budgets and Fiscal Planning Committee’s concern about the program’s long term financial sustainability.

The Graduate Council approved the Category I proposal to suspend current graduate degrees in Agricultural and Resource Economics provided that the abbreviated Category I proposal revising the Graduate Degrees in Economics Leading to the Master of Arts, Master of Science, and Doctor of Philosophy in Applied Economics be approved.

Sincerely,
Darlene

Darlene Russ-Eft, Ph.D.
Chair
Graduate Council
and
Professor & Chair
Department of Adult Education & Higher Education Leadership
College of Education
Oregon State University
411 Education Hall
Corvallis, OR 97331
USA
Phone: +1-541-737-9373
Fax: +1-541-737-3655
Clarification on the long-term support of directorship from the Provost

From: Randhawa, Sabah
Sent: Wednesday, December 10, 2008 4:48 PM
To: Gopinath, Munisamy - AREC
Cc: Francis, Sally K.
Subject: RE: Applied Economics

Gopi,

I am pleased to hear that the FS Budgets and Fiscal Planning Committee and the Graduate Council are supportive of the Applied Economics Category I Proposal.

In response to the question raised by the Graduate Council regarding long-term administrative support of the Applied Economics Graduate Program, the intention is for the University to provide continued administrative support for the program, consistent with the University's desire to offer interdisciplinary and/or multi-unit programs that contribute to its strategic goals. Like any other centrally supported program, the support will be contingent on the Program meeting expectations on student enrollment and research and faculty collaborations.

I hope this is helpful.

Sabah

From: Gopinath, Munisamy - AREC
Sent: Wednesday, December 10, 2008 1:06 PM
To: Randhawa, Sabah
Cc: Francis, Sally K.
Subject: Applied Economics

Dear Sabah,

I am glad to inform you that the Faculty Senate's Budget Committee and Graduate Council have approved the Applied Economics Category I (Abbreviated) proposal. The Graduate Council’s approval has 2 conditionalities. One of the two relates to the Director’s salary support. I quote the Graduate Council here “As part of the approval, the Council recommends ... that the long-term financial support of the directorship be clarified now.” I believe the long term here refers to 2012 and beyond.

Can you provide me a clarification, which can be included in the proposal? Many thanks for your clarification. The revised proposal will go to the Curriculum Council next for approval.

Sincerely,
-Gopi

******
Munisamy (Gopi) Gopinath
Director, Graduate Program in Applied Economics
212 Ballard Hall
Oregon State University
Phone: 541-737-1402
E-mail: m.gopinath@oregonstate.edu
Dear Dan,

The Graduate Council approved the abbreviated Category I proposal renaming and reorganizing the Graduate Degrees in Economics Leading to the Master of Arts, Master of Science, and Doctor of Philosophy in Applied Economics. As part of the approval, the Council recommends that the data in Table 1, located in Appendix B, be more closely aligned with the actual applied economics core and that the long-term financial support of the directorship be clarified now. Graduate Council members shared the Budgets and Fiscal Planning Committee’s concern about the program’s long term financial sustainability.

The Graduate Council approved the Category I proposal to suspend current graduate degrees in Agricultural and Resource Economics provided that the abbreviated Category I proposal revising the Graduate Degrees in Economics Leading to the Master of Arts, Master of Science, and Doctor of Philosophy in Applied Economics be approved.

Sincerely,
Darlene

Darlene Russ-Eft, Ph.D.
Chair
Graduate Council
and
Professor & Chair
Department of Adult Education & Higher Education Leadership
College of Education
Oregon State University
411 Education Hall
Corvallis, OR 97331
USA
Phone: +1-541-737-9373
Fax: +1-541-737-3655
December 3, 2008

Dear Dan Dowhower,

BFP reviewed two Category I proposals regarding graduate programs in economics:

1. Suspension of current graduate degrees in Agricultural and Resource Economics
2. Revising all of the graduate Economics degrees into one Applied Economics program to be housed in the Graduate College

The proposal materials the committee reviewed are attached to this email. The committee remarked on the thorough description, more than adequate narrative, and even the budget details received. The additional four-page memo from Provost Sabah Randhawa added further clarity to both the goals and level of support this proposal enjoys.

The committee reviewed the proposal, discussed the contents at length, and met for an additional 20 minutes with Gopinath Munisamy, the director-to-be of the revised program.

The Budget and Fiscal Planning Committee recommends the proposal be forwarded at this time to the Graduate Council of the Faculty Senate. Please see attached correspondence (proposal, Randhawa memo) for your records.

The committee noted concerns with the proposal. The committee approved forwarding the proposal with the addition of comments noted here:

1) This proposal would not go forward without assurance other programs would be eliminated. Otherwise, there would be significant duplication. We have assurances this will be automatic upon approval of this revision;
2) Dr. Munisamy gave assurances that students enrolled in existing programs (Econ or AREC) would be able to complete their degrees, or have option to transfer to the new Applied Economics degree program. The committee asked whether additional resources were required to shepherd those students through. We also were assured that students in the Ph.D. program in Economics have completed the courses that have been removed from the Applied Economics program, and that students in the other programs have basically the same requirements as the AE degree and therefore, no additional resources were necessary for offering courses;
3) It appears the Applied Economics (AE) program is high cost per student program with a substantial administrative cost component, so there is a concern regarding long term sustainability. Recurring administrative costs of close to $150,000 are substantial. There is no indication in the proposal of a longer term commitment from the provost/grad school, or how student enrollment might grow to cover these costs. Is the AE intended to be a self support/self sustaining program or will it require ongoing support from the Provost or Grad School beyond the four year 360 review? And;
4) Is funding from the Provost at the expense of other equally important academic programs? These are not noted (indeed, they may not be known). More than one committee member remarked that committee had not seen this level of financial support in the past from the Provost's office, and so questioned should this be part of routing for all future interdisciplinary collaborations.

Please contact Frost (author) for any discrepancies with the above. As co-chairs, we divide proposals based on their order of arrival.

Sincerely,

Robert A. Frost and Rebecca Warner
Co-Chairs, Faculty Senate Budgets and Fiscal Planning Committee
Dowhower, Dan

From: Brown, Carol - COB
Sent: Monday, January 19, 2009 8:33 AM
To: Gopinath, Munisamy - AREC
Cc: Leslie, Susie; Nunnemaker, Vickie L; Dowhower, Dan
Subject: Applied Economics

The Applied Economics Category I proposal passed the Curriculum Council with the recommendation that an executive summary be added that discusses the motivation for the change and briefly enumerates the changes to the existing program. Council members mentioned several motivations that came out in the discussion they believe should be included in the Executive Summary. These are:

- OSU’s strengths give us a comparative advantage in applied economics
- Applied Economics is a good fit with the Provost’s initiatives
- Strengths of faculty complement each other leading to opportunities for collaboration within the program
- This is the logical direction for the program to take

The details of what has changed should include:

- A list of the degrees that will have name changes including the old and new names
- Changes to course work
- Changes to participation levels of faculty
- Changes to the types of dissertation projects expected

The proposal for the suspension of the Graduate Degrees in Agricultural and Resource Economics

If you would like to discuss this further please contact me.

Carol E. Brown

Curriculum Council Chair
Hi Carol,

Sorry for the confusion and glad to help if I can.

We’ve had many faculty across campus contact us about this, as it is complicated and our position was not communicated clearly to others on campus last academic year. A short version of our position is difficult to provide, but here goes.

Last spring, the Provost decided to close the graduate program in economics and start a new graduate program in applied economics. We think that this is a mistake, as it appears to have been done for political reasons and because the future is in economics, not applied economics. In any case, we do have concerns with the Proposal, especially regarding the budget reallocation and academic freedom, and with the process.

The Provost and Dean of the Graduate School have made it clear, however, that the graduate program in economics will be closed and that the applied economics Proposal will be approved.

Our position is – we do not agree with the decision and have concerns with the Proposal but are not going to fight the Proposal. Given that this is a done deal, we would like the Proposal to be approved asap so we can move forward with our other programs.

I hope this helps, and please contact me if you have further questions,

Vic Tremblay
Points of Clarification

Proposal for the Revision of Graduate Degrees in Economics Leading to Master of Arts, Master of Science and Doctor of Philosophy in Applied Economics

Faculty Senate Executive Committee
Explanation for the 0.71 FTE budgeted for the Director’s position in Year 1 (page 14, third bullet and footnote 8; page 28, Appendix D, Year 1).

The Director was hired on August 1, 2008 with a full-time appointment for 5 months (August-December 2008) and 0.5 FTE thereafter. So, for the first year of appointment (August 2008-July 2009), the total commitment by the Provost’s Office is 8.5 months out of a total 12 months. The resulting FTE works out to 0.71 for Year 1. For Year 2 and beyond the Director’s appointment will be at the 0.5 FTE level.

Liaison memo from OSU’s Economics Department
The Liaison memo from OSU’s Economics department, dated 1/8/2009, states, “We support the recommendation of the Graduate Council that the basis for expenditures and revenues should be Table b rather than Table a in Appendix B, i.e., it should be based on the actual core requirements of the degree rather than trying to shift more of the burden to the College of Liberal Arts (CLA) by “billing” CLA for courses that have been eliminated from the Curriculum.”

The Agreement between associated Colleges (Agricultural Sciences, Forestry, Graduate School and Liberal Arts) and the University Administration in Appendix C employs the current core’s instructional assignment as the basis for resources assigned to the Applied Economics program. That is, these resources are currently available and committed to the graduate program.

Following Graduate Council’s recommendation to align Appendix B with the actual Applied Economics core, it was revised to present the current and proposed core courses along with respective resource needs (page 23). Appendix B presents a “Preliminary Resource Plan for Core Courses,” but the Agreement between associated Colleges and the University Administration is the final basis for instructional faculty appointments and resources (notes b and c, page 23). Moreover, Dean Rodgers, CLA, noted in his memo dated 1/29/2008 that “the Department of Economics will teach 6-7 courses, beginning in the fall of 2009...teaching of these courses represents up to an approximate outlay of $98,000 worth of FTE on behalf of the program.”
January 8, 2009

TO: Sally Francis, Dean of the Graduate School

FROM: Victor J. Tremblay

RE: Liaison from the Department of Economics

The faculty of the Department of Economics would like to add a liaison to the Applied Economics Category I Proposal: we in no way intend to delay the passage of this proposal, rather this letter should serve to render the process more legitimate, by providing the missing liaison letter.

From our perspective, this proposal is not a simple renaming of a degree (unless it is renaming the AREc degree); rather it effectively eliminates the graduate degrees in Economics which were awarded through CLA, AREc and Forestry since those degrees were established in 1988 (the Provost unilaterally moved the degree to the graduate school in 2006). Our department produced 25 PhD and 55 MA/MS degrees since 1994.

Our decision not to join the Graduate Faculty of Applied Economics is based on our careful reading of the Vision Statement and membership conditions of the Graduate Program in Applied Economics (AE), which exclude large parts of the traditional Economics discipline, particularly related to theoretical economics. As stated in our Dean’s letter, which we fully support, we will be providing core theory courses as a professional service for the AE program.

We support the recommendation of the Graduate Council that the basis for expenditures and revenues should be Table b rather than Table a in Appendix B, i.e., it should be based on the actual core requirements of the degree rather than trying to shift more of the burden to the College of Liberal Arts (CLA) by “billing” CLA for courses that have been eliminated from the curriculum.

cc Munisami Gopinath
Hi Carol,

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