

## **GRADUATE COUNCIL REPORT TO THE UNIVERSITY SENATE**

DATE: September 2015

FROM: The Graduate School

The Graduate Council submits the following items from the **May 14, 2015** meeting for consideration.

### **Action Items:**

- I.** Create a New Course  
PHYS 799 Doctoral Research

**Proposal Date:** March 5, 2014

**Ogden College of Science and Engineering  
Department of Physics & Astronomy  
Proposal to Create a New Course  
(Action Item)**

**Contact Person:** Vladimir Dobrokhoto, (270) 745-4357

**1. Identification of proposed course:**

- 1.1 Course prefix and number: PHYS 799
- 1.2 Course title: Doctoral Research
- 1.3 Abbreviated course title: Doct. Res.
- 1.4 Credit hours and contact hours: 1-10
- 1.5 Type of course: C
- 1.6 Prerequisites: doctoral candidacy
- 1.7 Co-requisite: none
- 1.8 Course catalog listing: Doctoral Research/Physics.
- 1.9 Prerequisite: Admission to candidacy in collaborative doctoral program. Research undertaken to complete requirements for the doctoral program. Pass/Fail grading.

**2. Rationale:**

- 2.1 Reason for developing the proposed course: WKU physics faculty supervising doctoral students as adjunct professors through established collaborative research initiatives at the University of Louisville require a mechanism for tracking work load. They also need written documentation showing work effort that is used to provide data in grant submissions and support departmental and university load reports that reflect this level of effort.
- 2.2 Projected enrollment in the proposed course: 1-5.
- 2.3 Relationship of the proposed course to courses now offered by the department: none
- 2.4 Relationship of the proposed course to courses offered in other departments: Similar courses exist in other programs, such as CHEM 799.
- 2.5 Relationship of the proposed course to courses offered in other institutions: similar courses exist at institutions where external faculty are involved in graduate degree programs.

**3. Discussion of proposed course:**

- 3.1 Course objectives: to be used during the research phase of a doctoral program.
- 3.2 Content outline: research at the level and intensity appropriate for progress towards a doctoral degree.
- 3.3 Student expectations and requirements: Performance will be evaluated based upon research progress.

**4. Resources:** none

**5. Budget implications:**

- 5.1 Proposed method of staffing: Existing graduate faculty who hold an adjunct position at the collaborative institution will teach this course.
- 5.2 Special equipment needed: None
- 5.3 Expendable materials needed: None
- 5.4 Laboratory materials needed: None

**6. Proposed term for implementation:** Spring 2016

**7. Dates of prior committee approvals:**

Department of Physics & Astronomy

04/02/2015

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OCSE Graduate Curriculum Committee

04/27/2015

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Graduate Council

5-14-2015

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University Senate