

UNIVERSITY OF KENTUCKY  
APPLICATION TO DROP A COURSE

1. Submitted by **College of Arts and Sciences** Date **October 6, 2003**

Department/Division offering course **Physics & Astronomy**

2. Prefix and Number: **PHY 756** Title: **Particle Physics** Credits: **3**

3. Effective Date: **Spring 2004** (semester & year)

4. Why is the course to be dropped? – **Enrollment in this advanced specialty course has been low, we were last able to offer the course with a sufficient number of students in spring 1994. This course has been dropped from the *Bulletin* although it remains in SIS. We have reorganized topics in a number of our advanced specialty courses to better meet the needs of advanced physics graduate students with a fewer number of courses.**

5. Will dropping this course change the degree requirements in one or more programs?\* **No**  
If yes, explain the change(s) below:

6. Has the course been taken by a significant number of students in other departments/colleges? (a) **Yes** (b) **No**

(a) If yes, list the college(s) or department(s) from which student enrollment in this course has come, if known.

(b) What provision has been made for meeting the needs of these students?

7. Is this course in current use in any of the Community Colleges? (a) **Yes** (b) **No**  
If so, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

8. Is this course currently included in the University Studies Program? (a) **Yes** (b) **No**

9. Within the Department, who should be contacted for further information about this proposal?

Name/e-mail: **T. Troland (troland@pa.uky.edu)** Phone Extension **7-8620**

\*NOTE: Approval to drop the course will constitute approval of the program change unless additional modifications are proposed.

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Signatures of Approval:

Department Chair

*Jim Bull*

10-7-03

Date

Dean of the College

*David Lepp*

DEC 09 2003

Date

NOV 21 2003

Date of Notice to the Faculty

\*Undergraduate Council

Date

\*University Studies

Date

*Blackwell*

3-19-04

\*Graduate Council

Date

\*Academic Council for the Medical Center

Date

\*Senate Council

Date of Notice to Univ. Senate

\*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL



UNIVERSITY OF KENTUCKY

October 6, 2003

Department of Physics  
and Astronomy

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Lexington, KY 40506-0055

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To Whom it may concern:

The attached course applications are the product of many discussions in the Physics & Astronomy Department. These discussions concerned our offerings of advanced level graduate courses in the research specialties of our department.

A careful audit of enrollments in these courses over the last 15 years demonstrated that we offer more of them than our student population permits. Therefore, more than a year ago, we began to consider how these advanced courses might be consolidated, which courses might be dropped, and which had outdated course descriptions or prerequisites. As a result of these discussions, we decided to drop four existing courses (PHY 625, 629, 640, 756), create a new interdisciplinary physics course (PHY 616) and make a major change in another course (PHY 716) so it will become a sequel to PHY 616. Also, we decided to update the course descriptions and/or prerequisites to six existing courses (PHY 525, 591, 592, 600, 624, 632).

As the appropriate committees review these course applications, I ask them to bear in mind the following considerations:

- All courses included in this submission are graduate courses in advanced research topics. Changes in these courses do not affect our graduate core course requirements in fundamental physics, nor any other course requirements in our department nor any students outside our department.
- Apart from PHY 616 and 716, all proposed changes in course descriptions or prerequisites are minor in the sense that they will not affect the ways in which the courses are currently taught. Our goal with these minor changes is to update the course descriptions to reflect the evolution that has occurred in advanced subject matter over the course of a decade or more.

Sincerely,

T. Troland  
Director of Graduate Studies

[troland@pa.uky.edu](mailto:troland@pa.uky.edu)

ARTS AND SCIENCES COLLEGE COUNCIL/CURRICULUM COMMITTEE

INVESTIGATOR REPORT

INVESTIGATING BODY Nat. & Math Sci. COURSE, MAJOR, DEGREE or PROGRAM PHY 7500  
(Area) (department or college)  
DATE FOR COUNCIL REVIEW Dec. 9, 2003 CATEGORY: NEW, CHANGE, DROP

INSTRUCTIONS: This completed form will accompany the course application to the Graduate/Undergraduate Council(s) in order to avoid needless repetition of investigation. The following questions are included as an outline only. Be as specific and as brief as possible. If the investigation was routine, please indicate this. The term "course" is used to indicate one course, a series of courses or a program, whichever is in order. Return the form to **David Leep Associate Dean, 231 Patterson Office Tower** for forwarding to the Council(s). ATTACH SUPPLEMENT IF NEEDED.

1. List any modifications made in the course proposal as submitted originally and why.

*Note*

2. If no modifications were made, review considerations that arose during the investigation and the resolutions.

*Note*

3. List contacts with program units on the proposal and the considerations discussed therein.

*Note*

4. Additional information as needed.

5. A&S Area A Curriculum Committee Recommendation:

APPROVE, APPROVE WITH RESERVATION, OR DISAPPROVE

6. A&S Council Recommendation:

APPROVE, APPROVE WITH RESERVATION, OR DISAPPROVE

7. *Tom Troland*  
A&S Council Investigator, Tom Troland

Date: 09-12-03