

**DEGREE/PROGRAM CHANGE
FORM C
Form Number: C1416**

Fields marked with * are required

Name of Initiator: Dinesh Loomba **Email:** dloomba@unm.edu **Phone Number:** 505 277-4521 **Date:** 08-25-2014

Associated Forms exist? No Initiator's Title Associate Professor: Physics Astronomy Department
Faculty Contact Dinesh Loomba Administrative Contact Lina Sandve
Department Physics and Astronomy Admin Email lsandve@unm.edu
Branch Main Campus Admin Phone 277-1516

Proposed effective term

Semester Spring Year 2015

Course Information

Select Appropriate Program Graduate Degree Program
Name of New or Existing Program PhD in Physics
Select Category Degree Degree Type PhD
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[ClassMechPhD.pdf](#)

Does this change affect other departmental program/branch campuses? If yes, indicate below.

Reason(s) for Request (enter text below or upload a doc/pdf file)

The course, PHYC 503, Classical Mechanics I, is no longer sufficiently pertinent to the graduate core education for a PhD in Physics. Therefore, we propose to modify the PhD program requirements so as to remove PHYC 503 as a required core course. Instead, special topics such as chaos theory, non-linear dynamics, fluid dynamics, and others, will replace this as an elective.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Here's the previous listing in the Catalog:

Ph.D. in Physics

The Doctor of Philosophy in Physics requires a minimum of 48 credit hours of graduate work **exclusive of dissertation**. These credit hours must include PHYC *466, 503, 505, 511, 521, 522/ASTR 537, four seminars (PHYC 500 and/or 501), and four electives chosen from a list of courses specified on the Department's Graduate Handbook. Details *must* be discussed with a graduate advisor each semester.

Here's the new listing as it should appear in the Catalog:

Ph.D. in Physics

The Doctor of Philosophy in Physics requires a minimum of 48 credit hours of graduate work **exclusive of dissertation**. These credit hours must include PHYC *466, 505, 511, 521, 522/ASTR 537, four seminars (PHYC 500 and/or 501), and four electives chosen from a list of courses specified on the Department's Graduate Handbook. Details *must* be discussed with a graduate advisor each semester.