

**DEGREE/PROGRAM CHANGE
FORM C**

Fields marked with * are required

Name of Initiator: Dinesh Loomba

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Date:* 08-24-09

Phone Number:* 505 277-4521

Initiator's Rank / Title* Associate Professor: Physics Astronomy

Department

Faculty Contact* Dinesh Loomba

Administrative Contact* Lina Sandve

Department* Physics and Astronomy

Division

Program M.S. in Physics

Branch

Proposed effective term:

Semester Spring ▼ Year 2010 ▼

Course Information

Select Appropriate Program Graduate Degree Program ▼ CIP Code

Name of New or Existing Program * M.S. in Physics

Catalog Page Number 265 Select Category Degree ▼ Degree Type M.S. in Physics

Select Action Revision ▼

Exact Title and Requirements as they should appear in the catalog.

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

[MS in Physics Requirements\[1\].rtf](#)

This Change affects other departmental program/branch campuses

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

To strengthen the core requirements for the M.S. degree.

Statements to address budgetary and Faculty Load Implications and Long-range planning * (enter text below or upload a doc/pdf file)

This course is already offered once a year, so there will be no impact on budgetary, faculty load, or long-range planning issues.

M.S. in Physics

The Master of Science in Physics is offered under either Plan I (with thesis) or Plan II (without thesis). Under Plan I, a minimum of 24 semester hours of graduate work in physics and mathematics (exclusive of thesis) is required. Under Plan II, 32 semester hours of graduate work in physics and mathematics are to be taken. Included in this 32 hours must be at least 4 semester hours in research problems courses (551, 552, 650).

Under both plans, the graduate work offered for the master's degree must include PHYC *466, 503, 505, 511 and 521. In addition, if material equivalent to one of the advanced labs (PHYC *476L, *477L or *493L) is not included in the student's prior education, one of these courses must also be taken for the graduate degree. Details *must* be discussed with a graduate advisor each semester.

A master's degree program in physics is also offered at the Los Alamos Center for Graduate Studies.