

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1819**

Fields marked with \* are required

**Name of Initiator:** Julie Ann Morrison    **Email:** [jmorriso@unm.edu](mailto:jmorriso@unm.edu)    **Phone Number:** 505 277-1512    **Date:** 12-02-2015

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
Branch Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

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)

[Master of Science in Physics.docx](#)

☐ **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)

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)

## Master of Science in Physics

- Concentrations: Astrophysics; Biomedical Physics

The Master of Science (M.S.) in Physics is offered under either **Plan I** (with thesis) or **Plan II** (without thesis). Under Plan I, a minimum of 24 credit hours of graduate work in physics and mathematics (exclusive of thesis) is required.

Under Plan II, 32 credit hours of graduate work in physics and mathematics are to be taken. Included in this 32 credit hours must be at least 4 credit hours in research problems courses (551, 552, 650).

Under both plans, the graduate work offered for the master's degree must include PHYC \*466, 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.

### Concentration in Astrophysics

The M.S. in Physics with a concentration in Astrophysics follows the same requirements for Plan I and Plan II.

Requirements for the concentration include:

- ASTR 536.
- Three courses selected from: ASTR 537, PHYC \*466, PHYC 505, PHYC 511, PHYC 521.

Details must be discussed with a graduate advisor each semester.