

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1278**

**Fields marked with \* are required**

**Name of Initiator:** Richard Rand      **Email:\*** [rjr@unm.edu](mailto:rjr@unm.edu)      **Date:\*** 09-25-13  
**Phone Number:\*** 505 277-2073      Initiator's Title\* Prof. Physics/Astro, Undergrad Cmte  
Chair

Associated Forms exist?\* Yes ▼

Faculty Contact\* Richard Rand  
Department\* Physics and Astronomy

Administrative Contact\* Lina Sandve  
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**Branch**

Admin Phone\* 277-1514

**Proposed effective term:**

Semester Fall ▼ Year 2014 ▼

**Course Information**

Select Appropriate Program Undergraduate Degree Program ▼

Name of New or Existing Program \* B.S. in Physics

Select Category Degree ▼ Degree Type BS

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)

[bschange2013.doc](#)

**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 requirements are being updated to reflect changes made for Fall 2014 and Fall 2013. First, a new class, PHYC 366 is being created to replace the required supportive courses MATH 311 and MATH 312 (see associated Form B). Second, PHYC 308L is being renumbered to PHYC 306L, for reasons described in an associated Form B. Third, the prereq for the required course PHYC 491 was changed last year from MATH 321 to MATH 314, and we need to update the required supported courses to reflect this. Fourth, honors credits are not allowed to count toward the 3-hour elective. We are therefore adding 456 to the list of courses not allowed for this requirement.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.\*

[bschangejust2013.txt](#)

Current Requirements:

B.S. in Physics: PHYC 290, \*\*301, \*\*303, \*\*304, \*\*307L, \*\*308L, \*\*330, \*405, \*406, \*491, \*492, \*493L; and one 3-hour Physics course numbered above 300. PHYC

451 and 452 cannot be substituted for the 3-hour elective course numbered above 300. Required supportive courses: MATH 311, 312, 316, 321; CHEM 121,123L and 122,124L

Proposed Requirements:

B.S. in Physics: PHYC 290, \*\*301, \*\*303, \*\*304, \*\*306L, \*\*307L, \*\*330, \*\*366, \*405, \*406, \*491, \*492, \*493L; and one 3-hour Physics course numbered above 300. PHYC 451, \*452 and 456 cannot be substituted for the 3-hour elective course numbered above 300. Required supportive courses: MATH 314, 316; CHEM 121, 123L, 122, and 124L.

bschangejust2013.txt

There is no impact on long-range planning, budget or faculty workload. We have been teaching PHYC 366 as a topics class for three years now, and it is now part of our normal workload. The renaming of PHYC 308L to PHYC 306L (see associated Form B) and the change regarding MATH 314 and 321 also have no impact.