DEGREE/PROGRAM CHANGE
FORM C
Form Number: C1376

Fields marked with * are required

Name of Initiator: Ana Parra Lombard **Email:** alombard@unm.edu **Phone Number:** 505 277-5250
Date: 02-06-2014

Associated Forms exist? No Initiator's Title Coord,Program Advisement: Mathematics Statistics

Faculty Contact Matthew Blair Administrative Contact Ana Parra Lombard
Department Mathematics & Statistics Admin Email alombard@unm.edu
Branch Main Admin Phone 75250

Proposed effective term
Semester Fall Year 2017

Course Information

Select Appropriate Program Undergraduate Degree Program
Name of New or Existing Program BS Mathematics: Pure Mathematics concentration
Select Category Concentration 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)

Pure_ug_mjr_update_7-22-16.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 Math 412 is seen as too specific in the applications covered to be required of all pure math students and that it does not help prepare students for graduate school in pure mathematics (if they are interested). With the new requirements, those in the pure concentration are still required to master writing rigorous proofs (from 327 and 322, for example) and to learn the essentials of abstract algebra, complex-variable and real-variable analysis. Allowing the students to choose one more class will still let them select advances coursework appropriate for their future, whether in graduate school or industry.

Upload a document that inlcudes 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)