

**DEGREE/PROGRAM CHANGE
FORM C
Form Number: C2776**

Fields marked with * are required

Name of Initiator: Ivan Deutsch Initiator's Title Professor: Physics Astronomy Department, Director f Email: ideutsch@unm.edu Phone Number: 505 277-8602	Faculty Contact Ivan Deutsch Administrative Contact Julie Morrison Admin Email jmorriso@unm.edu Admin Phone 277-1512,	Department Physics and Astronomy Branch Date: 10-27-2020
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Associated Forms exist? Yes

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)

[PHD Physics OIS Concentration Degree Requirements.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)

Quantum Information Science (OIS) is a rapidly growing interdisciplinary field, and there is a surge in demand for a quantum-ready workforce, trained in the science and techniques of OIS. Graduating PhD students are highly sought after as researchers in academia, national laboratories, and industry. In order to address this need requires an interdisciplinary curriculum, and our proposed program addresses this need using a flexible approach that fits within our current PhD offering.

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)

[Form C - PhD in Physics OIS Concentration.docx](#)

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)