

PROPOSED REVISION FOR MAJOR OR MINOR

Deadline for Area approval: 21 October 2011

Proposer: Gabriel Ferrer

Date: 8 November 2011

Department/Program: Mathematics

Area: Natural Sciences

Check appropriate boxes:

Change in major

Proposed change—one sentence summary:

Add CSCI 385 - Scientific Computing to the list of non-mathematics courses that count as an elective towards a mathematics major.

Proposed subject code: n/a

Proposed catalog copy for requirements:

Two courses chosen from the following:

- any mathematics courses numbered 230 or above
- CSCI 151 Data Structures and Object-Oriented Design
- CSCI 380 Theory of Computation
- CSCI 385 Scientific Computing
- ECON 300 Intermediate Macroeconomics
- ECON 430/530 Management Science
- PHYS 380 Classical Mechanics

Rationale within departmental and collegiate context and based on assessment results:

CSCI 385 has significant mathematical content, and in the spirit of a major requirement encouraging the applications of mathematics outside the discipline, this course is a good fit.

Proposers are welcome to attach additional documentation for more complex proposals, such as the addition of a major or minor.

Approval Chain (type name and date of approval)

Department chair: Gabriel Ferrer, 8 Nov 2011

Area chair: Carl Burch, 8 Nov 2011