

COURSE PROPOSAL

TO: Office of Student Affairs
6426 Boelter Hall

Date: February 2, 1999

FROM: C. Zaniolo, D.S. Parker Computer Science
(Proposers) Department

Course No. CS240A Title Databases and Knowledge Bases Units 4
New Course _____ Revision X Deletion _____
Prerequisites _____

CATALOG DESCRIPTION (Limit 40 words):

Existing catalog description:

240A. Databases and Knowledge Bases. Lecture, four hours; outside study, eight hours. Prerequisite: course 143. Theoretical and technological foundation of Intelligent Database Systems, which merge database technology, knowledge-based systems, and advanced programming environments. Rule-based knowledge representation, spatio-temporal reasoning, and logic-based declarative querying/programming are salient features of this technology.

Proposed revision:

240A. Databases and Knowledge Bases. Lecture, four hours; outside study, eight hours. Prerequisite: course 143. Theoretical and technological foundation of Intelligent Database Systems, which merge database technology, knowledge-based systems, and advanced programming environments. Rule-based knowledge representation, spatio-temporal reasoning, and logic-based declarative querying/programming are salient features of this technology. Other topics covered include object-relational systems, and data mining techniques.

JUSTIFICATION FOR PROPOSAL:

Existing catalog description is out of date.

