

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Existing catalog description is out of date.

Does this modification affect major or minor field program?
 Yes _____ No X

Submit major field program sheets with handwritten correction.

This course is recommended to satisfy an elective constraint as indicated below:

	Suggested Units (please circle)	Constraints Units Approved by UPC				
___ Design_____	0 1 2 3 4	0	1	2	3	4
___ Engineering Science_	0 1 2 3 4	0	1	2	3	4
___ Laboratory_____	0 1 2 3 4	0	1	2	3	4
___ Engineering and Science in Society		__DO_NOT_FILL_IN__				
___ Mathematics - Upper division						

RECOMMENDED

Signatures(s):

 DEPARTMENT CHAIRMAN

 PROPOSER

 DATE

 ACADEMIC POLICY COMMITTEE (CSD)
 CHAIRMAN

 PROPOSER

 DATE

 EXECUTIVE COMMITTEE (SEAS)
 CHAIRMAN

Signature: _____

 INSTRUCTOR IN CHARGE

 DATE