TO: Office of Student Affairs  Date: __February 2, 1999__
6426 Boelter Hall

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Existing catalog description is out of date.

Revised 2/02/99
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:

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<tr>
<th>Constraints</th>
<th>Suggested Units (please circle)</th>
<th>Units Approved by UPC</th>
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<td>Design</td>
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<td>Mathematics - Upper division</td>
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Signatures(s):

__________________________ _______________________________
DEPARTMENT CHAIRMAN PROPOSER DATE

__________________________ _______________________________
ACADEMIC POLICY COMMITTEE (CSD) PROPOSER DATE
CHAIRMAN

__________________________ Signature: _____________________________
EXECUTIVE COMMITTEE (SEAS) INSTRUCTOR IN CHARGE DATE
CHAIRMAN