

SCHOOL OF ENGINEERING  
AND APPLIED SCIENCE

UNIVERSITY OF CALIFORNIA  
LOS ANGELES

COURSE PROPOSAL

TO: Office of Student Affairs  
6426 Boelter Hall

Date: January 12, 1999

FROM: D.S. Parker Computer Science  
(Proposer) Department

Course No. CS243B Title Abstract Data Types and Program Specification

New Course \_\_\_\_\_ Revision \_\_\_\_\_ Deletion X

Prerequisites \_\_\_\_\_

CATALOG DESCRIPTION (Limit 40 words):

**243B. Abstract Data Types and Program Specification. Lecture, four hours; outside study, eight hours. Prerequisites: courses 32 or equivalent, 181. Notions of abstract data type and abstract program specification permit one to understand how programs manipulate data, independently of their implementations. These notions also give powerful techniques for program structuring and verification. Programming exercises.**

JUSTIFICATION FOR PROPOSAL:

**This course been superseded by CS230A (Models of Information and Computation).**

Revised 1/12/98

Does this modification affect major or minor field program?  
 Yes \_\_\_\_\_ No

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):

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DEPARTMENT CHAIRMAN

PROPOSER

DATE

\_\_\_\_\_

ACADEMIC POLICY COMMITTEE (CSD)  
CHAIRMAN

\_\_\_\_\_

PROPOSER

DATE

\_\_\_\_\_ Signature: \_\_\_\_\_

EXECUTIVE COMMITTEE (SEAS)  
CHAIRMAN

INSTRUCTOR IN CHARGE      DATE