

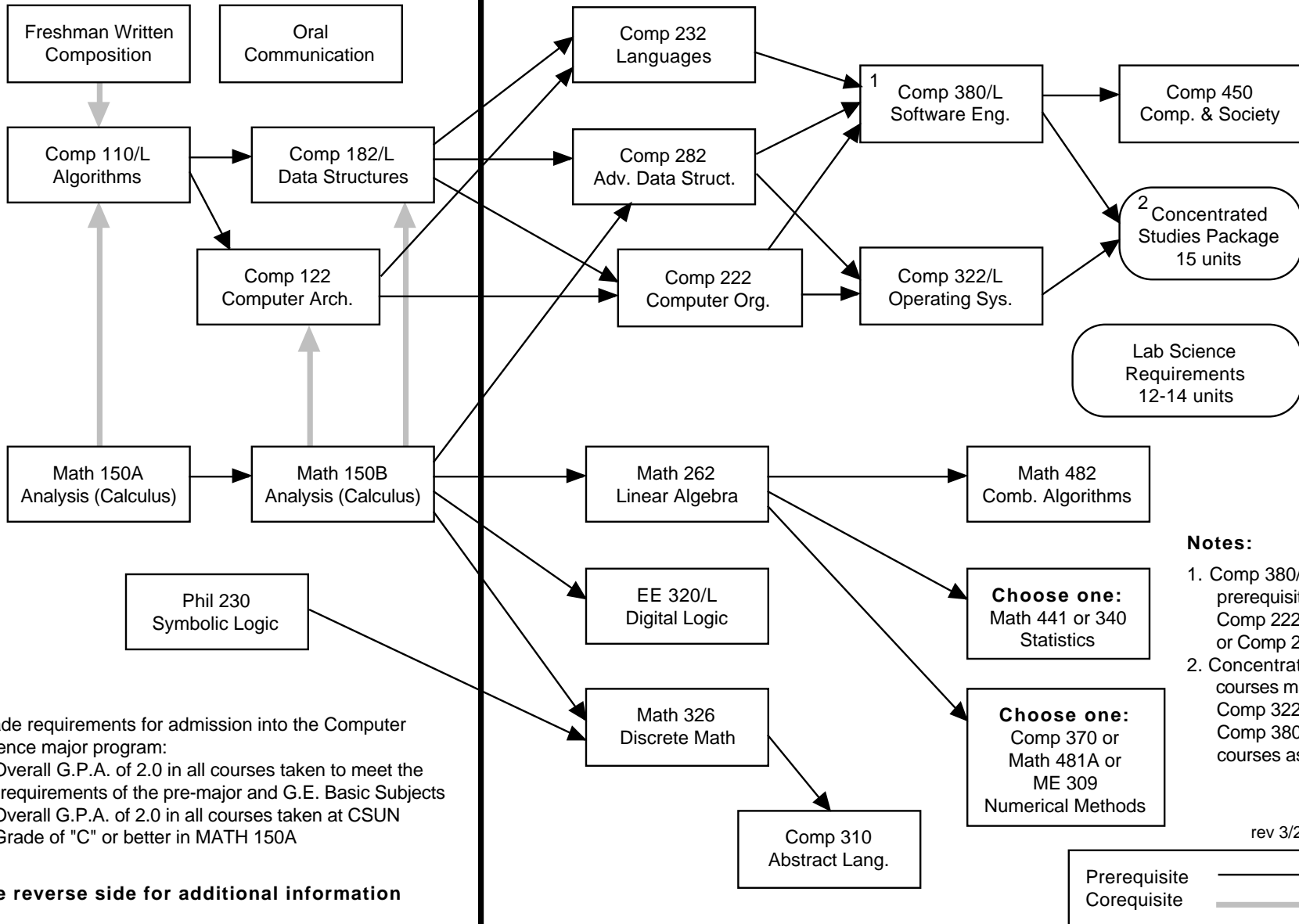
CSUN COMPUTER SCIENCE B.S. DEGREE INFORMATION

2000-2002 Catalog (Pre-major started in F01)

Pre-Major Requirements

Major Requirements

(all pre-major requirements must be completed prior to entry into the major)

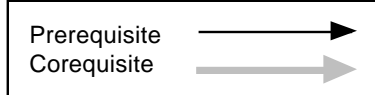


- Grade requirements for admission into the Computer Science major program:
1. Overall G.P.A. of 2.0 in all courses taken to meet the requirements of the pre-major and G.E. Basic Subjects
 2. Overall G.P.A. of 2.0 in all courses taken at CSUN
 3. Grade of "C" or better in MATH 150A

See reverse side for additional information

- Notes:**
1. Comp 380/L has prerequisites of either Comp 222 and 282, or Comp 232 and 282
 2. Concentrated Studies courses may require Comp 322/L and/or Comp 380/L plus other courses as prerequisites

rev 3/26/2002



Computer Science B.S. degree (131-134 units)

These units are divided into:

Computer Science Core	
Lower Division	20 units
Upper Division	13 units
Mathematics	22 units
Engineering	4 units
Symbolic Logic	4 units
Numerical Methods	2-3 units
Lab Science	12-14 units
Concentrated Studies Package	15 units
General Education/Title 5	39 units

With the exception of G.E./Title 5 requirements, CSUN grades of "C-" or better are required in all course work taken to meet the above requirements. No grade lower than a "C" will be accepted on transfer requests to satisfy required courses.

Concentrated Studies Packages (15 units)

Areas of emphasis:

Artificial Intelligence	Language Foundations
Automation Engineering	Object Oriented Programming/Design
Computer Graphics	Operating Systems
Computer Networks	Parallel and Distributed Processes
Human/Computer Interface	Software Engineering
Information System Design	

Prior approval by an advisor is strongly encouraged before starting the courses within a package. All 400 and 500 level COMP courses (with the exception of 450, 494 and 499) are pre-approved for inclusion in a Concentrated Studies Package. Requests for inclusion of an upper division course within a Concentrated Studies Package that does not meet the requirements stated above must be approved by the student's advisor and the department chair prior to enrollment in the course.

A Possible Starting Sequence for Those Needing Developmental Courses ===>

Year 0 Semester 1:	Semester 2:
Developmental Math	MATH 105
Developmental English	COMP 108
G.E. Section C, D or F	G.E. Section C, D or F
G.E. Section C, D or F or Title V	Developmental English or G.E. Section C, D or F

(Lessen the remaining semester loads by the number of G.E./Title V courses taken here.)

A Four-Year Sequence for Degree Completion (15-19 units per semester)

Year 1 Semester 1:	Semester 2:
MATH 150A	MATH 150B
COMP 110/L	COMP 122
Freshman Comp. (G.E. Sec. A.1)	COMP 182/L
G.E. Section C, D or F	PHIL 230
	Oral Com. (G.E. Sec. A.4)
Year 2 Semester 1: (Ready to apply for entry into comp sci major)	Semester 2:
MATH 262	MATH 326
COMP 222	COMP 232
COMP 282	Lab Science Course 2
Lab Science Course 1	G.E. Section C, D or F
G.E. Section C, D or F	Title V
Title V	
Year 3 Semester 1:	Semester 2:
Numerical Methods	MATH 441 or 340
COMP 322/L	COMP 310
EE 320/L	COMP 380
Lab Science Course 3	G.E. Section C, D or F
G.E. Section C, D or F	Upper Div. G.E. Section C, D or F
Year 4 Semester 1:	Semester 2:
COMP 450	MATH 482
Conc. Studies Course 1	Conc. Studies Course 3
Conc. Studies Course 2	Conc. Studies Course 4
G.E. Section C, D or F	Conc. Studies Course 5
Upper Div. G.E. Section C, D or F	Upper Div. G.E. Section C, D or F

Lab Science Requirements (12-14 units)

Select one of the following science sequences 8-10 units

Physics 220A, 220AL, 220B, 220BL
 Chemistry 101, 101L, 102, 102L
 Biology* 106, 106L, 107, 107L

Select an additional science course with lab from a field of study different from the one selected above 4-5 units

*Note: students who elect BIOL 106/L, 107/L from above should select CHEM 101 in this section since CHEM 101 is a corequisite to BIOL 106/L.

Biology 106, 106L	Geology 101, 102 (lab)
Chemistry 101, 101L	Geology 110, 112 (lab)
Geography 101, 102 (lab)	Physics 220A, 220AL
Geography 103, 105 (lab)	