

Name: _____

Checklist For B.S. Degree in Computer Science

See Dr. John Carroll for undergraduate advising

Preparation For the Major

<u>Courses Required to Clear Impaction</u>			<u>Additional Required Coursework (12+ units)</u>	
CS 107	3	_____	_____	_____
CS 108	3	_____	_____	_____
CS 237	3	_____	_____	_____
MATH 150	4	_____	_____	_____
MATH 151	4	_____	_____	_____
MATH 245	3	_____	_____	_____
MATH 254	3	_____	_____	_____
STAT 250/119	3/3	_____	_____	_____

12 units of science courses selected with approval of adviser. Courses must include one of the following two-semester sequences with laboratory: Biology 203, 203L, 204, 204L; or Chemistry 200, 201; or Physics 195, 195L, 196, 196L. The remainder of the 12 units must be science courses that enhance the student's ability to apply the scientific method and must be from a department different from the main year-long science sequence. The following are approved courses: ANTH 101, 301, 402; ASTR 101, 109, 201; BIOL 100, 100L, 101, 101L, 307, 315, 319, 324, 326, 335, 336; CHEM 100, 102, 300; ENV S 100, 301; GEOG 101, 101L, 103I; GEOL 100, 101, 104, 200, 221, 300, 301, 302, 304, 305; NAT SCI 100; OCEAN 100, 320; PHYSICS 180A, 180B, 182A, 182B

Impaction

The Computer science major is an impacted program. To be admitted to the Computer Science major, students must meet the following criteria:

- Complete preparation for the major. Computer Science 107, 108, 237; Mathematics 150, 151, 245, 254; and Statistics 250 must be completed with a minimum grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC)
- Complete a minimum of 60 transferable semester units
- Have a minimum cumulative GPA of 2.0.

Major (Minimum of 37 upper division units)

<u>Courses Required for all CS Majors</u>			<u>Elective Math Course</u>	
CS 310	3	_____	_____	_____
CS 320	3	_____	<u>Elective Courses (12+ units)</u>	
CS 370	3	_____	_____	_____
CS 440	3	_____	_____	_____
CS 490	1	_____	_____	_____
CS 530	3	_____	_____	_____
CS 560	3	_____	_____	_____
CS 570	3	_____	_____	_____
			Total Elective Units _____	

Choose one course Stat 350A, Math 541, Stat 550, Stat 551A, Math 579. 12 units of computer science electives selected with the approval of a CS major adviser (3 units ea.) Approved courses: CS 470, 503, 514, 520, 524, 532, 535, 537, 540, 550, 553, 556, 558, 559, 562, 572, 574, 576, 580, 581, 582, 583, 596.