

**Writing Sample Placement Test:** \_\_\_\_\_

Computer Science majors must earn a grade of C or better in all CS courses to meet graduation requirements.

**FRESHMAN FIRST SEMESTER** **credit**

CS 110	Intro to Computer Science	_____1
CS 150	Intro to Programming I	_____4
ENGL 110C	English Composition	_____3
MATH 211	Calculus I	_____4
GEN ED	Natural Science	_____4

**FRESHMAN SECOND SEMESTER**

CS 250	Problem Solving & Programming II	_____4
CS 252	Intro to UNIX for Programmers	_____1
CS 170	Computer Organization & Architecture I	_____3
MATH 212	Calculus II	_____4
GEN ED	Natural Science	_____4

**SOPHOMORE FIRST SEMESTER**

CS 270	Intro to Computer Architecture II	_____3
STAT 330	Intro to Probability and Statistics	_____3
CS 330	Object Oriented Programming & Design	_____3
CS 381	Discrete Structures	_____3
GEN ED	Oral Communication	_____3

**SOPHOMORE SECOND SEMESTER**

ENGL 111C/131C	English Comp II/Technical Writing	_____3
CS 390	Intro to Theoretical CS	_____3
GEN ED	Literature Perspective	_____3
CS 361	Data Structures	_____3
CS 300	Computers in Society	_____3

**JUNIOR FIRST SEMESTER**

CS 350	Intro to Software Engineering	_____3
MATH 316	Linear Algebra	_____3
CS Elective 1		_____3
Elective	Technical Elective 1**	_____4
GEN ED	History	_____3

**JUNIOR SECOND SEMESTER**

CS 417	Computational Methods and Software	_____3
CS Elective 2		_____3
UPPER GEN ED	Cluster 1/Minor	_____3
GEN ED	Fine Arts Perspective	_____3
Elective	Technical Elective 2**	_____4

**SENIOR FIRST SEMESTER**

CS 410	Professional Workforce Development I	_____3
CS 471	Operating Systems	_____3
CS Elective 3		_____3
GEN ED	Social Science	_____3
UPPER GEN ED	Cluster 2/Minor	_____3

**SENIOR SECOND SEMESTER**

CS 411W	Professional Workforce Development II	_____3
CS Elective 4		_____3
UPPER GEN ED	Cluster 3/Minor	_____3
GEN ED	Philosophy	_____3

Computer Science majors must earn a grade of C or better in all CS courses to meet graduation requirements. Requirements for graduation also include a minimum cumulative grade point average of 2.00 overall, 120 credit hours, passage of the Exit Examination of Writing Proficiency, passing of the Computer Science Exit Exam and the Senior Assessment. Additional hours may be required to meet the foreign language requirement.

\*\* The technical elective requirement is designed to broaden the student's technical background in quantitative methods. Courses must be chosen from technology (T) courses, the natural science (N) courses excluding BIOL 108N-109N and PHYS 103N-104N, or cluster courses in biology, chemistry, geology, oceanography, and physics. With the approval of a computer science advisor, other technically oriented courses may be used to meet this requirement.