

**BS/CS BACHELOR OF SCIENCE in COMPUTER SCIENCE  
MAJOR REQUIREMENTS CHECKSHEET**

**Student Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_

**Admitted to the BS/CS major:** \_\_\_\_\_ **Expected graduation:** \_\_\_\_\_ **CS Advisor:** \_\_\_\_\_

**Evaluated through:** \_\_\_\_\_

Completed	InProgress	TBD			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 1230	Problem Solving & Programming (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 2430	Data Structures I (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 2431	Data Structures II (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3150W	Systems Design (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3220	Applications Programming (3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3221	Netcentric Computing (3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3310	Concepts in Programming Lang. (3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3350	Operating Systems Programming (3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3430	Algorithm Design and Analysis (3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 3760	Computer Organization (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4898	Senior Capstone in Computer Science (2)

Minimum 5 credits from the following list:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4150	Software Engineering (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4151/4152	Software Engineering I and II (6)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4760	Advanced Computer Architecture (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4820	Advanced Issues – Project course (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	CSC 4970	Directed Research in CS (5)

11 credits Upper Division CSC Electives: CSC 4000 – 4850, 4970

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	MAT 1234	Calculus I (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	MAT 1235	Calculus II (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	MAT 1236	Calculus III (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	MAT 2720	Discrete Mathematics (3)

Select 1 alternative from the following list (5):

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	MAT 3360	Probability and Statistics (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EGR 2200 Engr Prob & Stats (2) +	<input type="checkbox"/> MAT 2401 Linear Algebra(3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EGR 2200 Engr Prob & Stats (2) +	<input type="checkbox"/> MAT 3237 Differential Equations(3)

Physical Science 1-year sequence (15):

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ Physics for Sci/Engr(15):  PHY 1121  PHY 1122  PHY 1123

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	EE 1210	Introduction to Logic System Design (5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	EE 3280	Microcontroller System Design (5)