

Curriculum Map – B.S. in Computer Science

Core Courses	Student Outcomes					
	1	2	3	4	5	6cs
Area B3 (of General Education) Course, Science Course with a Lab	I				I	
<i>CSCI 111, Programming and Algorithms I</i>	I	I		I		I
MATH 120, Analytic Geometry and Calculus	I	I				I
MATH 121, Analytic Geometry and Calculus	I	I				I
<i>CSCI 211, Programming and Algorithms II</i>	P	P		P		P
PHYS 204A, Mechanics	I	I				
PHYS 204B, Electricity and Magnetism	I	I				
<i>CSCI/MATH 217, Discrete Mathematics</i>	P	P				P
EECE 237, Embedded System Programming	P	P				P
<i>CSCI 301, Computer's Impact on Society</i>		P	A	A		P
<i>CSCI 311, Algorithms and Data Structures</i>	P	A				A
MATH 314, Probability and Statistics for Science and Technology	P	P	P	P		
EECE 320, Computer Architecture	P	P	P	P		P
CSCI 340, Operating Systems Programming	P	A		P		A
<i>CINS 370, Introduction to Databases</i>	P	A	P	P	A	A
CSCI 430, Software Engineering	P	A		P	A	P
<i>CSCI 446, Introduction to Computer Networks and Network Management</i>	P	P		P	A	P
<i>CINS 448, Survey of Computer Security</i>	P	P		A	A	P
<i>CINS 465, Web Programming Fundamentals</i>	P	A	P	P		A
<i>CSCI 490, Senior Capstone</i>	A	A	A	P		P
CSCI 515, Compiler Design	A	P	P	P		A
CSCI 550, Design and Analysis of Algorithms	A	A	P	P		A
CSCI 551, Numerical Methods and Parallel Programming	A	P				A
CSCI 580, Artificial Intelligence	A	P	P	P		A

Note: Courses in red are common with the CINS program.

I=Introduced, P=Practiced, A=Assessed