

CURRICULUM FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE

MATH - Option A

FALL SEMESTER

SPRING SEMESTER

FRESHMAN YEAR

English Composition 1	ENGL	1311	3
Pre-Calculus 1	MATH	1550	5
Pers. & Soc. Dev.	BAS	1210	2
Intro. To Soc. Science	SOCI	1320	3
Computer Science 1	CPSC	2300	3
Physical Ed.	HLPE	1110-1125	<u>1</u>
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English Composition 2	ENGL	1321	3
Calculus 1	MATH	2510	5
Computer Science 2	CPSC	2301	3
Personal Health & Safety	HLPE	1310	3
Career & Life Planning	BAS	1120	<u>1</u>
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SOPHMORE YEAR

Intro To Statistics	MATH	2370	3
U.S. History OR	HIST	2315/1218	3
American Government	PSCI	2312	
Calculus 2	MATH	2520	5
Data Structures	CPSC	3201	2
Data Structures Lab	CPSC	3102	1
Foreign Language El.	MDFL		<u>3</u>
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Oral Communication	MCOM	2390	3
Comp Organ. & Prog.	CPSC	2251	2
Comp Organ. & Prog. Lab	CPSC	2151	1
Biological Science	BIOL	1450	4
Networking	CPSC	2344	3
Humanities	HUMN	2301	<u>3</u>
			16

JUNIOR YEAR

University Physics 1	PHYS	3410	4
Algorithmic Lang. & Comp	CPSC	3352	3
General Psychology	PHYS	2300	3
Humanities Elective: Art	Apres	2340	3
OR MUSI Apres.		2300	<u>-</u>
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University Physics 2	PHYS	3420	4
Technical Elective			3
Software Engineering	CPSC	3300	3
Discrete Math	MATH	3390	3
Literature Elective	ENGL		<u>3</u>
			16

SENIOR YEAR

Database Management	CPSC	4394	3
Numerical Solution	CPSC	3171	2
Numerical Solution Lab	CPSC	3172	1
Technical Elective			3
Math Elective	MATH		<u>3</u>
			12

Switch Theory	CPSC	4301	3
CompSci Seminar	CPSC	4220	2
Math Elective	MATH		3
Math Elective			3
Technical Elective			<u>3</u>
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