



Approved 17 August 2016 by Prof. Julie Johnson

Semester 1	Course	Cr Hrs
CHEM 1601, 1601L (102A, 104A)	General Chemistry	4
ES 1401, 1402, 1403 (140A, B, C)	Intro to Engineering	3
MATH 1300 (155A)	Acc Single-Var Calculus I	4
	LAC	3
	Vanderbilt Visions	0
	total hours	14

Semester 2	Course	Cr Hrs
CS 1101	Prog & Prob Solving	3
MATH 1301 (155B)	Acc Single-Var Calculus II	4
PHYS 1601, 1601L (116A, 118A)	General Physics I	4
	Open Elective	3
	total hours	14

Semester 3	Course	Cr Hrs
CS 2201	Prog Design & Data Struct	3
EECE 2116, 2116L (116, 116L)	Digital Logic	4
	Open Elective	3
PHYS 1602, 1602L (116B, 118B)	General Physics II & Lab	4
	total hours	14

Semester 4	Course	Cr Hrs
CS 2212	Discrete Structures	3
CS 2231	Computer Organization	3
CS 3251	Int. Software Design	3
MATH 2300 (175)	Multivariable Calculus	3
	LAC	3
	total hours	15

Semester 5	Course	Cr Hrs
CS 3270	Programming Languages	3
CS 3281	Prin Operating Systems I	3
ES 2100W (210W)	Technical Communications	3
Math 2820	Intro to Prob & Math Stat	3
	Open Electives	5
	total hours	17

Semester 6	at U Edinburgh	Cr Hrs
INFR 10052* (CS 3250)	Algorithms & Data Structures	3
	CS Depth Elective	3
	CS Depth/Tech Elective	3
	LAC	3
	Open Elective	3
	total hours	15

Semester 7	Course	Cr Hrs
CS 4959	CS Project Seminar	1
MATH 2410	Methods of Linear Algebra	3
	Math Elective	3
	CS Depth/Tech Elective	3
	LAC	3
	Open Elective	3
	total hours	16

Semester 8	Course	Cr Hrs
	CS Project Course	3
	CS Depth/Tech Electives	6
	LAC	3
	Open Elective	3
	total hours	15

**total hours = 120**

\*alternate course is INFR 08009, which counts for CS 3250 (3 hrs) and CS Depth (2 hrs)

*This curriculum plan is a guide that follows the computer science degree requirements as of summer 2016. It is NOT authoritative. The Undergraduate Catalog is the authoritative document regarding degree requirements. Students considering studying abroad should consult the catalog and discuss their plans with their academic advisers.*