

OD: CS 1210 - Computer Programming I*	3
MA: MATH 1234 - Calculus I*	4
Catamount Core	3
CEMS 1500 - CEMS First Year Seminar	1
CS 1500 - Seminar for New CS Majors	1
Catamount Core (WIL1): HCOL 1000 - FY Writing Seminar	3
<i>Total credits</i>	15

CS 2100 - Intermediate Programming*	4
<i>CS 1210</i>	
CS 1640 - Discrete Structures	3
<i>CS 1210 or CS 2100; MATH 1234 or MATH 1242</i>	
MA: MATH 1248 - Calculus II*	4
<i>MATH 1234</i>	
HCOL 1500 - FY Research Presentation Sem	3
Natural Science	3
<i>Total credits</i>	17

CS 2240 - Data Struc & Algorithms	3
<i>CS 2100</i>	
CS 2210 - Computer Organization	3
<i>CS 2100</i>	
STAT 2430 - Statistics for Engineering	3
<i>MATH 1224 or MATH 1234</i>	
MATH 2248, 2522 or 2544, 2678, 3201	3-4
<i>See Catalogue</i>	
HCOL 2000 - Sophomore Seminar	3
<i>Total credits</i>	15-16

WIL2: CS 2300 - Advanced Programming	3
<i>CS 2240</i>	
CS 2250 - Computability & Complexity	3
<i>CS 1640 or MATH 2055; Pre/ Coreq: CS 2240</i>	
STAT 2510 - Applied Probability	3
<i>MATH 1248 or MATH 1242</i>	
MATH 2248, 2522 or 2544, 2678, 3201	3-4
<i>See Catalogue</i>	
Catamount Core	3
HCOL 2000 - Sophomore Seminar	3
<i>Total credits</i>	18-19

CS 3010 - Operating Systems	3
<i>CS 2300; CS 2210</i>	
CS Elective (2000 Level)	3
CS Elective (Any Level)	3
Natural Science w/ Lab	4
Catamount Core	3
CEMS 2010 - HCOL Research Experience	1
<i>Total credits</i>	17

CS 3240 - Algorithm Design & Analysis	3
<i>CS 2240; Recommended: CS 2250; STAT 2430 or STAT 2510</i>	
CS Elective (2000 Level)	3
CS Elective (3000 Level)	3
Catamount Core	3
Free Elective	3
CEMS 2020 - Research Thesis Proposal	1
<i>Total credits</i>	16



