

**Keene State College: Bachelor of Science in Computer Science (2014)
Four-Year Degree Completion Plan**

Year 1 Semester 1		
Major Requirements		12
ISCS140 Programming Foundations I	04	
MATH135 Discrete Mathematics for CS	04	
ISCS150 Website Design & Construction or INCS160 Microcomputer Systems	04	
Integrative Studies Requirements		08
One IQL Course (100-level)	04	
One ITW Course (100-level)	04	
General Electives		00

Year 1 Semester 2		
Major Requirements		12
CS185 Programming Foundations II	04	
ISCS150 Website Design & Construction or INCS160 Microcomputer Systems	04	
MATH151 Calculus or MGT1011 Intro to Management	04	
Integrative Studies Requirements		04
One ISP Course (100-200-level)	04	
General Electives		00

Year 2 Semester 1		
Major Requirements (12 – 16 credits)		16
CS265 Computer Architecture	04	
CS280 Data Structures & Algorithms	04	
Second Language (Optional: CS225 or CS310)	04	
MATH152 Calculus II or MGT301 Org. Theory & Behavior	04	
Integrative Studies Requirements		04
One ISP Course (100-200-level)	04	
General Electives		00

Year 2 Semester 2		
Major Requirements (8 – 12 credits)		12
CS215 Operating System Admin	04	
Second Language (Optional: CS205 or CS290)	04	
Any required CS course not previously completed (CS265 or CS280)	04	
Integrative Studies Requirements		08
One ISP Course (100-200-level)	04	
One ISP Course (100-200-level)	04	
General Electives		00

Year 3 Semester 1		
Major Requirements		12
One CS3xx Upper-level Course	04	
One CS3xx Upper-level Course	04	
One CS3xx Upper-level Course	04	
Integrative Studies Requirements		08
One ISP Course (100-200-level)	04	
One ISP Course (100-200-level)	04	
General Electives		00

Year 3 Semester 2		
Major Requirements		12
One CS3xx Upper-level Course	04	
One CS3xx Upper-level Course	04	
One CS3xx Upper-level Course	04	
Integrative Studies Requirements		08
One ISP Course (300-level)	04	
One ISP Course (300-level)	04	
General Electives		00

Year 4 Semester 1		
Major Requirements		08
One CS4xx Upper-level Course	04	
One CS4xx Upper-level Course	04	
Integrative Studies Requirements		0
None	00	
Electives		08
Elective Course	04	
Elective Course	04	

Year 4 Semester 2		
Major Requirements		08
One CS4xx Upper-level Course	04	
One CS4xx Upper-level Course	04	
Integrative Studies Requirements		0
None	00	
Electives		08
Elective Course	04	
Elective Course	04	

Note to Students and Prospective Students: If you are a first-year student starting (or planning to start) your Computer Science education in the fall semester, then this plan will work perfectly for you. If you are a transfer student, or you are starting (or planning to start) in the spring semester, the Computer Science Department will develop an individualized Degree Completion Plan for you to ensure that you complete your degree in a timely manner (assuming that you will successfully complete a full load each semester).