



Example Course Sequence:

The following is a sample of a semester-by-semester approach to completing this program in 4 years.

YEAR 1			
FIRST SEMESTER			
COURSE		CREDITS	PREREQUISITES
CPTR 111	Foundations of Computer Science I	4	Fall
LA-FWS	First-Year Writing Seminar	3	
LA-FSS	First Year Success Seminar	1	
LA-FCS	First-Year Communication Seminar	3	
ELECTIVE/MINOR		3	
JAN TERM			
COURSE		CREDITS	
ELECTIVE/MINOR		3	
SECOND SEMESTER			
COURSE		CREDITS	
CPTR 113	Foundations of Computer Science II	3	CPTR 111, Spring
LA-TFR	Faith, Reason, and Ethics	3	
LA-ESS	Social Sciences	3	
ELECTIVE/MINOR		3	
		29	

YEAR 2			
THIRD SEMESTER			
COURSE		CREDITS	PREREQUISITES
CPTR 231	Object-Oriented Programming	3	CPTR 113
LA-EAH	Arts and Humanities	3	
ELECTIVE/MINOR		3	
ELECTIVE/MINOR		3	
JAN TERM			
COURSE		CREDITS	
ELECTIVE/MINOR		3	
FOURTH SEMESTER			
COURSE		CREDITS	
IDIV 205	Technical Writing	3	Fall, even years
MATH 130	Discrete Mathematics	4	MATH 120, Spring
LA-ENS	Natural Sciences	3	
LA-TCE	Creative Expression	3	
		28	

4-Year Sample Schedule Cont.

YEAR 3			
FIFTH SEMESTER			
COURSE		CREDITS	PREREQUISITES
MATH 251	Linear Algebra I	4	
CPTR 310	Algorithms and Data Structures	3	CPTR 113, MATH 130, Fall, odd years
CPTR 342	Software Quality	3	CPTR 113, Fall, odd years
LA-TBI	Big Issues	3	
JAN TERM			
COURSE		CREDITS	
CPTR 410	Topics in Computer Science	4	
EXPERIENTIAL		3	
SIXTH SEMESTER			
COURSE		CREDITS	
CPTR 340	Software Engineering Methodologies	3	CPTR 113, Spring, even years
MATH 340	Linear Algebra II	3	
LA-TBI	Big Issues	3	
LA-FCG	Cultural and Global Understanding	3	
EXPERIENTIAL		3	
		35	

YEAR 4			
SEVENTH SEMESTER			
COURSE		CREDITS	PREREQUISITES
CPTR 420	Software Requirements Engineering	3	CPTR 340, IDIV 205, Fall, even years
DATA 231	Database Programming and Design	4	CPTR 113 or DATA 110, MATH 130, Fall, even years
CPTR 499	Senior Project	2	Permission of dept chair
ELECTIVE/MINOR		3	
EXPERIENTIAL		3	
JAN TERM			
COURSE		CREDITS	
EXPERIENTIAL		3	
EIGHTH SEMESTER			
COURSE		CREDITS	
CPTR 499	Senior Project	2	Permission of dept chair
CPTR 422	Software Architecture and Design	3	CPTR 340, Spring, odd years
ELECTIVE/MINOR		3	
EXPERIENTIAL		3	
		29	
	TOTAL CREDITS	121	