Computer Science (Precalculus)					
Course	**Credit**		**Course**	**Credit**
First Year Fall			**First Year Spring**	
MATH 130 or 132	3		CPSC 250	3
CPSC 150	3		CPSC 250L	1
CPSC 150L	1		MATH 140	4
ENGL 123	3		Area of Inquiry	3
Foreign Language	3		ENGR 213	3
Semester total:	**13**		**Semester total:**	**14**
Second Year Fall			**Second Year Spring**	
PHYS 151/201	3		PHYS 152/202	3
PHYS 151L/201L	1		PHYS 152L/202L	1
MATH 240	4		CPSC 270	3
CPSC 255	3		CPEN 214	3
Area of Inquiry	3		Economics	3
ENGL 223	3		Area of Inquiry	3
Semester total:	**17**		**Semester total:**	**16**
Third Year Fall			**Third Year Spring**	
CPSC 280	3		CPSC 327	3
PHYS 341	3		CPSC 360	3
Math 235 or 260	3		CPEN 371W	2
Major Elective	3		Area of Inquiry (Science) & Lab	4
Area of Inquiry (Science)	3		Major Elective	3
Semester total:	**15**		**Semester total:**	**15**
Fourth Year Fall			**Fourth Year Spring**	
CPSC 420	3		CPSC 498	3
CPSC 410	3		Elective	3
Major Elective	3		Elective	3
Writing Intensive Course 2	3		Elective	3
Area of Inquiry	3		Elective	3
Semester total:	**15**		**Semester total:**	**15**

Computer Science (Calculus-ready)

Course	Credit		Course	Credit
First Year Fall			**First Year Spring**	
CPSC 150	3		CPSC 250	3
CPSC 150L	1		CPSC 250L	1
MATH 140	4		MATH 240	4
ENGL 123	3		Area of Inquiry	3
Foreign Language	3		Area of Inquiry	3
			ENGR 213	3
Semester total:	**14**		**Semester total:**	**17**
Second Year Fall			**Second Year Spring**	
PHYS 151/201	3		PHYS 152/202	3
PHYS 151L/201L	1		PHYS 152L/202L	1
CPSC 255	3		CPSC 270	3
MATH 235 or 260	3		CPSC 280	3
ENGL 223	3		Economics	3
Area of Inquiry	3		CPEN 214	3
Semester total:	**16**		**Semester total:**	**16**
Third Year Fall			**Third Year Spring**	
CPSC 327	3		CPSC 420	3
CPSC 360	3		CPSC 410	3
PHYS 341	3		CPEN 371W	2
Major Elective	3		Area of Inquiry (Science) & Lab	4
Area of Inquiry	3		Major Elective	3
Semester total:	**15**		**Semester total:**	**15**
Fourth Year Fall			**Fourth Year Spring**	
Major Elective	3		CPSC 498	3
Area of Inquiry (Science)	3		Elective	3
Writing Intensive Course 2	3		Elective	3
Elective	3		Elective	3
Elective	3			
Semester total:	**15**		**Semester total:**	**12**

Computer Science (PLP)

Course	Credit		Course	Credit
First Year Fall			**First Year Spring**	
ENGL 123	3		CPSC 250	3
MATH 140	4		CPSC 250L	1
CPSC 150	3		MATH 240	4
CPSC 150L	1		ENGR 213	3
Foreign Language	3		LDSP 240	3
LDSP 210	3			
Semester total:	**17**		**Semester total:**	**14**
Second Year Fall			**Second Year Spring**	
PHYS 151/201	3		PHYS 152/202	3
PHYS 151L/201L	1		PHYS 152L/202L	1
CPSC 255	3		CPSC 270	3
CPSC 235 or 260	3		CPSC 280	3
ENGL 223	3		AMST 100	3
LDSP 320	3		CPEN 214	3
Semester total:	**16**		**Semester total:**	**16**
Third Year Fall			**Third Year Spring**	
CPSC 327	3		CPSC 420	3
CPSC 360	3		CPSC 410	3
PHYS 341	3		CPEN 371W	2
Major Elective	3		Area of Inquiry (Science) & Lab	4
Area of Inquiry	3		Major Elective	3
Semester total:	**15**		**Semester total:**	**15**
Fourth Year Fall			**Fourth Year Spring**	
Major Elective	3		CPSC 498	3
Area of Inquiry (Science)	3		Area of Inquiry	3
Writing Intensive Course 2	3		Area of Inquiry	3
Economics	3		LDSP 442	3
LDSP Elective	3			
Semester total:	**15**		**Semester total:**	**12**

Computer Science (Honors Program)

Course	Credit		Course	Credit
First Year Fall			**First Year Spring**	
CPSC 150	3		CPSC 250	3
CPSC 150L	1		CPSC 250L	1
MATH 140	4		MATH 240	4
Honors 100 Seminar	3		Honors 300-350	3
Honors First Year Activities	0		Honors First Year Activities	0
Foreign Language	3		ENGR 213	3
Semester total:	**14**		**Semester total:**	**14**
Second Year Fall			**Second Year Spring**	
PHYS 151/201	3		PHYS 152/202	3
PHYS 151L/201L	1		PHYS 152L/202L	1
CPSC 255	3		CPSC 270	3
CPSC 235 or 260	3		CPSC 280	3
Economics	3		CPEN 214	3
Honors 300-350	3		Honors 300-350	3
Honors Second Year Activities	0		Honors Second Year Activities	0
Semester total:	**16**		**Semester total:**	**16**
Third Year Fall			**Third Year Spring**	
CPSC 327	3		CPSC 420	3
CPSC 360	3		CPSC 410	3
PHYS 341	3		CPEN 371W	2
Major Elective	3		Area of Inquiry (Science) & Lab	4
Area of Inquiry (Democratic Engagement)	3		Major Elective	3
Honors 38x	0 - 3		Honors 38x	0 - 3
Honors Third Year Activities	0		Honors Third Year Activities	0
Semester total:	**15 - 18**		**Semester total:**	**15 - 18**
Fourth Year Fall			**Fourth Year Spring**	
Major Elective	3		CPSC 498	3
Elective	3		Honors 490W	3
Elective	3		Honors 484	1
Elective	3		Elective	3
Elective	0 - 3		Elective	3
			Elective	0 - 3
Honors Fourth Year Activities	0		Honors Fourth Year Activities	0
Semester total:	**12 - 15**		**Semester total:**	**13 - 16**

Required Courses			Major Electives	
			Select three:	
Computer Science			CPSC 425	Object Oriented Programming and Design
CPSC 150	Intro Programming (Python)		CPSC 440	Database Management Systems
CPSC 150L	Intro Programming Lab		CPSC 471	Applied Artificial Intelligence
CPSC 250	Programming for Data Manipulation (Python)		CPSC 472	Introduction to Robotics
CPSC 250L	Programming for Data Manipulation Lab (Python)		CPSC 475	Android Mobile Computing
CPSC 255	Programming for Applications (Java)		CPSC 480	Software Design and Development
CPSC 270	Data and File Structures (Java)		CPSC 495	Computer Science Special Topics
CPSC 280	Intro Software Engineering (Java)		MATH 380	Numerical Analysis I
CPSC 327	C++ Programming		PHYS 421	System Design Lab (Data Acquisition)
CPSC 360	Programming Language Concepts		PHYS 441	Modeling and Simulation
CPSC 410	Operating Systems		CYBR 428	Network Security and Cryptography
CPSC 420	Algorithms			
CPSC 498	Computer Science Capstone			
Mathematics				
MATH 130 or 132	Precalculus (MATH 130 or 132)			
MATH 140	Calculus and Analytic Geometry			
MATH 235	Matrix Techniques			
MATH 240	Intermediate Calculus			
MATH 260	Linear Algebra			
Physics & Engineering				
PHYS 151/201	College/University Physics 1			
PHYS 151L/201L	College/University Physics 1 Lab			
PHYS 152/202	College/University Physics 2			
PHYS 152L/202L	College/University Physics 2 Lab			
PHYS 341	Design and Analysis of Experiments			
ENGR 213	Discrete Structures for Computer Applications			
CPEN 214	Digital Logic Design			
CPEN 371	Computer Ethics (Writing Intensive)			
Liberal Learning Foundation				
ENGL 123	First-Year Writing Seminar			
ENGL 223	Second-Year Writing Seminar			