

BS Computer Science

4-Year Course Sequence

Students should consult with their advisor to determine their plan of study.
 Students must take 128 credit hours to graduate with an average of 16 credit hours per semester.



Semester	Course Type	# Credit Hours
First Year		
Fall		
	COSC 1570 Mathematics for Computer Science	3
	COSC 1550 Computer Programming I	3
	First-Year Seminar	3
	GCP	3
	General Elective	3
	Total:	15
Spring		
	COSC 1560 Computer Programming II	3
	COSC 2670 Network Principles	3
	GCP	3
	General Elective	6
	Total:	15
Second Year		
Fall - Study Abroad		
	GCP	6
	General Elective	9
	Total:	15
Spring		
	COSC 2810 Systems Analysis & Design	3
	COSC 2610 Operating Systems	3
	WSBT 2000 Career Exploration for Professional Success	3
	GCP	3
	General Elective	6
	Total:	18
Third Year		
Fall		
	MATH 3010 Discrete Mathematics	3
	COSC 3050 Data Structures I	3
	COSC 3230 Human Computer Interaction	3
	GCP	6
	General Elective	3
	Total:	18
Spring		
	COSC 2710 Social Engineering & Society	3
	COSC Data Structures II	3
	COSC 3510 Computer Architecture	3
	General Elective	9
	Total:	18
Summer- Internship		
	Internship for Credit	3
	Total:	3
Fourth Year		
Fall		
	COSC 4110 Database Concepts	3
	COSC 3410 Computer Security	3
	COSC Elective	3
	Keystone	3
	General Elective	6
	Total:	18
Spring		
	COSC 4120 Database Applications	3
	COSC Elective	3
	General Elective	9
	Total:	15
	BS Computer Science	51
	Freshman Seminar and Keystone	6
	GCP	24
	WSBT 2000 Career Exploration for Professional Success	3
	Internship for Credit (may be more than 3 hours)	3
	General Electives or Minor	42
	Total:	129