Computer Science (BS)

Student: _____   Student ID: _____   Phone #: _____   Email: _____

Address: _____   City: _____   State: _____   Zip: _____

Beginning Term: _____   Anticipated Completion: _____

Estimated Transfer Credits: _____	Estimated Webster Credits: _____	Total Credit Hours: ___
core requirements: ___	core requirements: ___	• *Transfer Credits + Webster Credits*
GCP courses: ___	GCP courses: ___	• *Minimum of 120 hours*
electives: ___	electives: ___	

REQUIRED CORE COURSES (51 hours)

Course	Hrs	Pre-requisite	Term	Year	Grade	Transfer
COSC 1550 Computer Programming I	3 sh		--			
COSC 1560 Computer Programming II	3 sh	COSC 1550 (Grade of B- or better)	--			
COSC 1570 Math for Computer Science	3 sh		--			
COSC 2610 Operating Systems	3 sh		--			
COSC 2670 Network Principles	3 sh	COSC 1550, COSC 1570	--			
COSC 2810 Systems Analysis and Design	3 sh	COSC 1550	--			
COSC 2710 Social Engineering and Society	3 sh		--			
COSC 3050 Data Structures I	3 sh	COSC 1550 (Grade of B- or better), COSC 2610, COSC 2810	--			
COSC 3100 Data Structures II	3 sh	COSC 3050	--			
COSC 3230 Human-Computer Interaction	3 sh	COSC 1560, COSC 2070	--			
COSC 3410 Computer Security	3 sh	COSC 1560 and junior standing	--			
COSC 3510 Computer Architecture	3 sh	COSC 1560, COSC 1570, COSC 2610, and junior standing	--			
COSC 4110 Database Concepts	3 sh	COSC 1560, COSC 2810 and junior standing	--			
COSC 4120 Database Applications	3 sh	COSC 4110	--			
MATH 2410 Discrete Mathematics	3 sh		--			
			--			
Students will choose two of the following courses:			--			
COSC 3660 Network Concepts	3 sh	COSC 1560 and junior standing	--			
COSC 3810 Principles of Programming Languages	3 sh	COSC 1560 and junior standing	--			
COSC 4250 Object-Oriented Analysis and Design	3 sh	COSC 2810, COSC 3100	--			
COSC 4260 Object-Oriented Programming	3 sh	COSC 4250	--			
COSC 3500 IT Project Manaement	3 sh	COSC 1560 and junior standing	--			

COSC 3900	Practicum	3 sh	Dept. permission				
MATH 2200	Statistics	3 sh					

GLOBAL CITIZENSHIP PROGRAM (minimum 30 hours)									
FIRST YEAR SEMINAR (3 hours)	**Hrs**	**Term**	**Year**	**Grade**	**Transfer**				
	3sh	--							

KNOWLEDGE AREAS (24 hours)		**SKILLS AREAS***								
Roots of Cultures**	**WCOM** --	**OCOM** --	**CRI** --	**INTC** --	**ETH** --	**Hrs**	**Term**	**Year**	**Grade**	**Transfer**
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
Social Systems & Human Behaviors**										
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
Physical & Natural World										
	--	--	--	--	--	3sh	--			
Global Understanding										
	--	--	--	--	--	3sh	--			
Arts Appreciation										
	--	--	--	--	--	3sh	--			
Quantitative Literacy										
	--	--	--	--	--	3sh	--			
Skills Courses not associated with Knowledge Areas (optional)										
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
KEYSTONE SEMINAR (3 hours)	**Hrs**	**Term**	**Year**	**Grade**	**Transfer**					
	3sh	--								

NOTE: In addition to the First Year and Keystone Seminars, students must complete *all 5* Skills Requirements *within or in addition* to fulfilling each Knowledge Area. Courses with a grade of C- or better will satisfy GCP requirements.

Skills Areas: WCOM = Written Communication OCOM = Oral Communication ETH = Ethical Reasoning
CRI = Critical Thinking INTC = Intercultural Competence

**NOTE: Courses must have two different prefixes.

ELECTIVE COURSES					
TOTAL ELECTIVE TRANSFER HOURS					
REMAINING ELECTIVE HOURS					
Course	**Hrs**	**Pre-Requisite**	**Term**	**Year**	**Grade**
			--		
			--		
			--		
			--		
			--		
			--		
			--		
			--		
			--		

COMMENTS:
- Pending official transcripts, course descriptions and administrative approval.
- You may change the recommended course sequence as needed as long as you do not take any course before or with its prerequisite(s).
- Not all courses are offered at all sites each term. Check with the site for the current rotation schedule as course schedules are subject to change.
- Transfer credit may apply as general education courses, elective courses or core course substitutions (if the courses are substantively the same as Webster core courses).
- This program plan is not a substitute for application, registration, transfer of credit or core course substitution requests. All other required forms must be filed in addition to this program plan.
- Signature on this program plan does not imply commitment for application or registration.

Advisor_____   Student_____

Phone:
Fax: 314-968-7166
Email: Date Advised: