REQUIREMENTS FOR THE BS DEGREE WITH A MAJOR IN:

Computer Science – Information, Communication & Technology Track

August 2017

GENERAL EDUCATION REQUIREMENTS

Category		# Credits	Specific Courses Required	Other
FirstBridge		8	Course offerings vary by semester.	Freshmen must take during their first semester.
Speaking the World	English	Up to 8	EN1010: College Writing EN2020: Writing & Criticism	Minimum grade of "C" required in each course. Placement above EN1010 or EN1020 or transfer from English-speaking university is possible.
	French	Up to 8	FR1100: Elementary French & Culture I FR1200: Elementary French & Culture II	Minimum grade of "C" required in each course. Placement above FR1100 or FR1200 is possible
Comparing Worlds		4	Courses coded GE100,GE115	Must simply pass course. Transfer is possible.
Mapping the World		4	Courses coded GE110,GE115	Must simply pass course. Transfer is possible.
Comparing Worlds OR Mapping the World		4	Courses coded GE100, GE110, GE115	Must simply pass course. Transfer is possible.
Modeling the World	Math	4	Any course coded GE120	Must simply pass course. Placement above or transfer is possible.
	Science	4	Any course coded GE130	Must simply pass course. Transfer is possible.

MAJOR REQUIREMENTS – 50 credits (Minimum grade of "C-" required in each course.)

Course Number	Course Name *(prerequisites)*
MA1020 or MA1030	Applied Statistics I *(MA0900 or placement above)* Calculus I *(MA1002 or MA1025 or placement above)*
CS1040	Introduction to Computer Programming – 5 credits
CS1050	Introduction to Computer Programming II – 5 credits *(CS1040)*
CS2071	Languages & Data Structures *(CS1040)*
CS/CM3048	Human Computer Interaction *([CS1005 OR CS1050] + GPA 3.0)*
CS/IT3051	Web Applications *(CS1040)*
CS3068	Database Applications
Elective 1	Select any course coded CS or IT
Elective 2	
Personal Focus	
Elective 3	Select three electives from any discipline with the help of your advisor to be approved by the ICT committee.
Elective 4	
Elective 5	

FREE ELECTIVES

Any courses desired – must complete a total of 128 credit hours to graduate.

HONORS

Students earning a GPA of 3.5 or above in the major courses are eligible for the honors program.