

Sample BS Computer Programming and Technology

General Education Requirements

Department	Course Title	Credits	Completed Course Credits
Communication and expression	English Writing	3	0
	Language, Literature, Art, Music or Design	3	0
Quantitative, Digital and Scientific Literacy	Math	3	0
	Science	3	0
	Technology	3	0
Social Awareness and Responsibility	Ethics	3	0
	Psychology, History, Economics, Education or Political Science	3	0
Reason and Religion	Philosophy	3	0
	Religion or Philosophy	9	0
General Education Electives		12	0
Total General Education Requirements		45	0/45 Complete 45 Credits Left

Required Major Courses

Course Code	Course Title	Credits	Completed Course Credits	Pre/Corequisites
CPT 111	Programming in Java	3	0	CPT105, MAT102 pre/co requisite,
CPT 121	Web Development I	3	0	CPT105, MAT102 pre/co requisite; CPT111 or

				CPT212 pre/corequisite
CPT 202	Operating Systems	3	0	CPT105, MAT102 pre/co requisite,
CPT 210	Database Management	3	0	CPT105, MAT102 pre/co requisite,
CPT 212	Programming in Python	3	0	CPT105 pre/corequisite
CPT 222	Web Development II	3	0	CPT121 prerequisite only
CPT 230	Web Development III	3	0	CPT121 prerequisite only
CPT 311	Fundamentals of Networking	3	0	CPT105, MAT102 prerequisite only ; CPT202 pre/corequisite
CPT 401	Information Security	3	0	CPT105, MAT102, CPT202, CPT311 prerequisites only
CPT Elective 1	CPT 260,270,450,470,480 ,490	3	0	Varies
CPT Elective 2	CPT 260,270,450,470,480 ,490	3	0	Varies
TOTAL			0/33 Credits Completed 33 credits left	

Elective Credits

	Total Credits Needed	Credits Transferred	Credits Remaining
	42	0	42

