

COMPUTING TECHNOLOGY AND INFORMATION SYSTEMS MAJOR

Bachelor of Science Degree in Computing Technology and Information Systems

The major requires a minimum of 43 credits (eleven courses).

Code	Title	Credits
CTIS 210	Programming and Computation	4
CTIS 243	Management Information Systems (BUS 243)	4
CTIS 290	Internship (or)	4-8
CTIS 390	Internship	
CTIS 310	Data Structures and Algorithms in Object-Oriented Programming	4
CTIS 320	Seminar in Cyber Security and CTIS	2
CTIS 321	Operating Systems	4
CTIS 322	Networking Computers	4
CTIS 342	Database Systems	4
CTIS 345	Systems Analysis and Design	4
CTIS 440	CTIS Capstone	4
Choose One Elective from:		4
ART 245	Digital Darkroom	
CTIS/PHYS 104	Elementary Electronics (PHYS 104)	
CTIS/JPS 221	Fundamentals of Cyber Security (JPS 221)	
CTIS 230	Web Design and Development	
CTIS/THEA 274	Digital Graphic Design (THEA274)	
CTIS 331	Information Design	
GEOL 340	Images of the Earth: GIS and Remote Sensing	
MATH 212	Discrete Mathematics	
PHIL 241	Ethics In a Digital World	
PHIL 292	Formal Logic	
XD 220	Experience Design	
Total Credits		42-46