INFORMATION TECHNOLOGY (BS)

Program Chair: Seta Whitby

Regular Faculty: Ray Ahmadnia, Jozef Goetz, Seta Whitby

Adjunct Faculty: Claudia Caceres, Mudassar Ghazi, Sara Hariri, Clifford Kettemborough, Mohammad Muqri, Juan Rodriguez, Samuel Son, Anat Zeelim

This major requires a minimum of 49 semester hours of Core courses. Students are required to complete all core requirements as well as satisfy 14 semester hours of prerequisite requirements. Students may select certificates in Computer Coding, Cybersecurity, Systems Engineering or in Website and Internet Applications Development (see UNDERGRADUATE & GRADUATE CERTIFICATES section).

Degree Requirements

Total program: 64 semester hours

Prerequisite Requirements

14 semester hours

Code	Title	Semester Hours
BUS 270	Statistics	4
BUS 343	Foundations of Business Ethics	4
CMPS 200	Information Technology	2
CMPS 327	Discrete Mathematics	4
CMPS 370C	System Engineering Seminar	1
Total Semester Hours		**15**

Core Requirements

49 semester Hours

Code	Title	Semester Hours
CMPS 218	Publishing on the Web I	4
CMPS 301	Programming Concepts	4
CMPS 302	The Digital Society	4
CMPS 367	Object Oriented Language C++	4
CMPS 368	Principles of Computer Networks	4
CMPS 375	Systems Analysis and Design	4
CMPS 392	Project Management	4
CMPS 410	Management Information Systems	4
CMPS 420	Cybersecurity	4
CMPS 471	Internship	1
CMPS 490	Database Management Systems	4
CMPS 491	Systems Architecture	4
CMPS 499	Senior Project	4
Total Semester Hours		**49**