

# BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY - proposed

TOTAL CREDITS FOR DEGREE: 121

Name \_\_\_\_\_ ID \_\_\_\_\_

## UNIVERSITY CORE CURRICULUM 42 credits

### Required Courses:

COMM 101	Oral Comm. & Pres.	3 credits	_____
ENGL 101	College Composition	3 credits	_____
UNIV 101	City-University Life	3 credits	_____
Sr. Capstone: CMPS 480	Sr. Project	3 credits	_____

### Choose thematic core courses in the following:

Explore the World - Choice 1 (ECON 201)	3 credits	_____
Explore the World - Choice 2	3 credits	_____
Investigate Science	3 credits	_____
Investigate Mathematics (MATH 180)	3 credits	_____
Interpret Creative Works	3 credits	_____
Understand People - Choice 1 (PSYC 150)	3 credits	_____
Understand People - Choice 2	3 credits	_____
Succeed in Business (BMGT 234)	3 credits	_____
Appreciate & Apply the Arts	3 credits	_____
Discover Technology (CMPS 114)	3 credits	_____

## BUSINESS CORE REQUIREMENTS: 34 cr.

(C = must be taken in the University Core)

MATH 175	Elementary Statistics	3	_____
MATH 180	College Algebra	C	_____
ACCT 210	Intro to Financial Accounting	3	_____
ACCT 220	Managerial Accounting	3	_____
BMGT 201	Business Law I	3	_____
BMGT 205	Principles of Marketing	3	_____
BMGT 207	Human Resource Mgmt	3	_____
BMGT 234	Business Ethics	C	_____
BMGT 280	Business Career Prep	1	_____
BMGT 300	Corporate Finance	3	_____
BMGT 338	Operations Mgmt/QA	3	_____
BMGT 340	Org Behavior w/Topics in Mgt	3	_____
CMPS 300	Info Tech for Managers	3	_____
CMPS 480	Senior Project	C	_____
ECON 202	Prin. of Microeconomics	3	_____

### Choose 15 credits from the following:

BMGT 208	Principles of Management	3	_____
BMGT 380	Cooperative Education II	6	_____
BMGT 480	Cooperative Education I	6	_____
CMPS 214	MicroComputing I	3	_____
CMPS 355	Internship in Information Tech I	3	_____
CMPS 356	Internship in Information Tech II	3	_____
CMPS 360	Survey of Programming Languages	3	_____
CMPS 361	Web Application Development	3	_____
CMPS 362	Networking	3	_____
CMPS 363	Digital Security	3	_____
CMPS 364	NoSQL Databases	3	_____
CMPS 330	Electronic Commerce I	3	_____
CMPS 430	Electronic Commerce II	3	_____
CMPS 460	Mobile Application Development	3	_____
CMPS 461	Big Data Applications	3	_____
CMPS 462	Data Mining	3	_____
CMPS 463	Entrepreneurship for Software Dev.	3	_____
CMPS 464	Software Develop for E-Commerce	3	_____
Or Special Topics/Independent Study courses		1 – 6	

## MAJOR REQUIREMENTS: 36 credits

CMPS 160	Databases	3	_____
CMPS 161	Networking and Security	3	_____
CMPS 162	Introduction to Programming	3	_____
CMPS 163	Business Analytics	3	_____
CMPS 260	Data Structures	3	_____
CMPS 261	Server Management	3	_____
CMPS 262	Advanced Programming	3	_____
ECON 201	Prin. of Macroeconomics	C	_____

## GENERAL ELECTIVES:

9 credits