

SISTEMA UNIVERSITARIO ANA G. MENDEZ UNIVERSIDAD DEL TURABO SCHOOL FOR PROFESSIONAL STUDIES PROGRAM TITLE: COMPUTERIZED INFORMATION SYSTEMS CREDENTIAL ISSUED: BACHELOR IN BUSINESS ADMINISTRATION (BBA) DEGREE REQUIREMENTS							
GENERAL EDUCATION COURSES (54 CREDITS)							
COURSE	CR	UT-T	PRE-REQ	COURSES	CR	UT-T	PRE-REQ
SCIE 111-O Integrated Science I	3			SCIE 112-O Integrated Science II	3		SCIE 111-O
ENGL 115-O English Reading and Writing I	4			ENGL 116-O English Reading and Writing II	4		ENGL 115-O
ENGL 331-O Public Speaking	4		ENGL 115-O ENGL 116-O	QYLE 110-O Attitude Development and University Adaptation (Must be taken in the 1st term of enrollment.)	3		
SPAN 115-O Reading, Writing, and the Oral Communication in Spanish I	4			SPAN 116-O Reading, Writing, and the Oral Communication in Spanish II	4		SPAN 115-O
SPAN 255-O Spanish for Writing and Research	4		SPAN 115-O SPAN 116-O	COMP 110-O Computer and Software	3		
MATH 111-O Intermediate Algebra I	3			MATH 112-O Intermediate Algebra II	3		MATH 111-O
SOSC 111-O Individual, Community, Government, and Social Responsibility I	3			PSYC 123-O General Psychology (Compendium)	3		
HUMA 101-O World Cultures I	3			HUMA 102-O World Cultures II	3		HUMA 101-O
CORE/PROFESSIONAL COURSES (42 CREDITS)							
COURSES	CR	UT-T	PRE-REQ	COURSES	CR	UT-T	PRE-REQ
ACCO 111-O Introduction to Accounting I	3			ACCO 112-O Introduction to Accounting II	3		ACCO 111-O
ECON 121-O Introduction to Economics: Microeconomics	3			ECON 122-O Introduction to Economics: Macroeconomics	3		ECON 121-O
STAT 201-O Administration Statistics I	3		MATH 112-O	STAT 202-O Administration Statistics II	3		STAT 201-O
ENTR 360-O Entrepreneurship	3		COMP 110-O MARK 133-O MANA 210-O FINA 202-O	FINA 202-O Business Finance	3		ACCO 111-O ACCO 112-O
MANA 204-O Business Law and Professional Ethics	3			MANA 210-O Business Administration Theory	3		
MANA 230-O Organizational Behavior	3		MANA 210-O	MARK 133-O Marketing Principles	3		
MANA 340-O Operations Management	3		STAT 201-O	INBU 350-O International Business	3		
COMPUTERIZED INFORMATION SYSTEMS MAJOR COURSES (18 CREDITS)							
COURSES	CR	UT-T	PRE-REQ	COURSES	CR	UT-T	PRE-REQ
COIS 102-O Logical Concepts and Problem Solving	3		COMP 110-O	COIS 240-O Object Oriented Programming	3		COMP 110-O
COIS 250-O Systems Analysis and Design	3		COIS 102-O	COIS 360 Introduction to Telecommunications and Computer Networks	3		COMP 110-O
COIS 420-O Introduction to Databases and SQL Programming	3		COIS 240-O, COIS 250-O	COIS 450-O Information Systems Development Project	3		All Courses
COMPUTERIZED INFORMATION SYSTEM SPECIALIZATION COURSES (THE STUDENTS MUST COMPLETE 9 MAJOR CREDITS BEFORE INITIATING THE SPECIALIZATION COURSES IN ONE OF THE FOLLOWING TWO AREAS):							
Telecommunications and Computer Networks (9 CREDITS)							
COURSES	CR	UT-T	PRE-REQ	COURSES	CR	UT-T	PRE-REQ
COIS 432-O Computer Network Design	3		COIS 360-O	COIS 433-O Wireless Local Area Networks	3		COIS 360-O
COIS 434-O Application Development for Mobile Devices	3		COIS 360-O	COIS 435-O Computer Network Administration and Data Communication	3		
Advanced SQL (9 CREDITS)							
COURSES	CR	UT-T	PRE-REQ	COURSES	CR	UT-T	PRE-REQ
COIS 421-O SQL Advanced Programming	3			COIS 422-O Database Applications Development	3		
COIS 423-O Database Administration	3						
Total Number of Credits 123							
Language skills in English and in Spanish will be assessed with a placement test. Additional language courses may be needed according to the student's proficiency in each language. If students qualify for Preparatory Language Courses or developmental Language Courses, they must enroll in the courses immediately to increase academic performance in the language. Students must abide with the minimum required hours and policies set by the state and local education agencies for practicum experiences. Students must comply with state and local education certification requirements for the degree, as applicable. QYLE 110-O must be taken within the first term of enrollment. REVISED 04/2014.							