

General Objective: Develop highly skilled professionals in the analysis, design, development, and management of information systems, integrating technical knowledge with critical thinking to solve business challenges in a dynamic and competitive environment. Promote innovation and creativity in the use of technology through educational experiences that drive the design of information solutions adapted to the evolving needs of society and the marketplace. Train specialists in programming, cybersecurity, databases, and information technology management who are capable of leading technology projects with ethical responsibility, professionalism, and a commitment to quality. Encourage the integral development of students, strengthening communication, collaboration, leadership, and social responsibility skills in alignment with institutional values. Contribute to the economic and technological development of the region and the country by preparing inclusive, entrepreneurial, and socially responsible professionals who can succeed in local and international organizations or launch their ventures.

REQUIREMENTS (Credits):

General Education **(45)** | Professional **(33)** | Major **(36)** | Undergraduate Project **(6)** | Electives **(12)** = **TOTAL CREDITS 132**

GENERAL EDUCATION (3 credits each 45 total)			MAJOR (3 credits each 36 total)		
CSOC	100	Human Growth and Social Adaptability	CCO	207	Database Management
ING	101	General English	ASI	215	Administration of Information Center
CSOC	103	Human Relations	ASI	217	Network and Data Communication
HUM	103	Literary Genres	ASI	220	HTML Programming
BIOL	200	Plant Kingdom	ASI	303	Object Oriented Programming (Visual C++)
MAT	201	Algebra	ASI	304	Advanced Data Base Management
MAT	203	Geometry and Trigonometry	ASI	307	Systems Analysis and Design
CSOC	204	Puerto Rico: A Contemporary Approach	ASI	308	PHP with SQL
ESP	208	Creative Communication	ADM	400	Management Information System
ING	300	Conversational English	ASI	403	Object Oriented Programming (Visual Basic)
CSOC	300	Psychology	ASI	407	Auditing Information Systems
HUM	300	Western Civilization: Ancient Culture	ASI	410	Python & JavaScript
HUM	302	Western Civilization: Modern Times	UNDERGRADUATE PROJECT (3 credits each 6 total)		
HUM	311	Modern Art History			
BIOL	302	Animal Kingdom	ADM	419	Seminar
PROFESSIONAL COURSES (3 credits each 33 total)			ADM	475	Professional Development
CCO	101	Introduction to Computers	ELECTIVES (3 credits each 12 total)		
CON	101	Principles of Accounting			
MER	101	Principles of Marketing	Free Electives (4)		
CCO	103	Commercial Software Management	TOTAL CREDITS 132		
ADM	104	Entrepreneurship			
ECO	200	Economics	Revised: 8/2024 - Business Administration with Information Systems Department		
EST	300	Statistics			
FIN	300	Finance			
MA	111	Multimedia Marketing and Branding			
DG	111	Design and Editing of Digital Images			
DG	203	Computerized Illustration			