

# Bachelor of Business Administration in Information Systems

## 125 credits

### Program Description

The Bachelor of Business Administration in Information Systems prepares students to obtain and apply the knowledge and proficiency needed in computer skills as well as network technology, required to design, develop, and support information systems that allow streamline and troubleshooting. It also enables students to analyze existing systems to optimize and support the operations of the company, to make effective management and planning decisions.

### Program Objectives

1. Use skills to modify computer programs using different languages existing in the market.
2. Outline the application of their knowledge in the Computation Centers of public and private organizations.
3. Apply competencies in the areas of analysis and information design in the various organizations.
4. Manifest mastery of the skills to use the different applications (software).
5. Encourage the definition and development of data structures and computerized file management.
6. Encourage the development of knowledge and application of the different operating systems, their functions and utilities. It will promote values and positive attitudes that allow it to become a better human being and a productive entity in our society.
7. Demonstrate the mastery of skills in the areas of logic and mathematics and how to apply it in their area of expertise.
8. Apply professional ethical principles that govern the profession.

Program sequence will be available at the time of enrollment.

The language of instruction and program delivery modality are subject to availability.

### Notes:

1. \*\*For the free elective, you must choose a sequential course in Management or Accounting.

Approved General Education Electives*		
Course	Title	Credits
SPAN 110	Elementary Spanish	3
REIL 101	Research and Information Literacy	3
BIOL 150	General Biology I	3
BIOL 151	General Biology II	3
COMM 205	Communication Theory	3
COMM 210	Legal and Ethical Aspects of Communications	3
HIDE 110	Representing Culture: Art & Artifact 1500-1850	3
HIST 273	History of the United States of America	3

### Program Curriculum

QYLE 110 or FYIS 101	Attitude Development and University Adaptation or Induction Seminar to University Life	3
General Education Courses		
Course	Title	Credits
Pick 2 GE* OR	Pick two (2) of the Approved General Education Electives OR	
SPAN 101-102 or SPAN 103-104 or SPAN 105-106	Introduction to Spanish Language - Basic Level Introduction to Spanish Language – Intermediate Level Introduction to Spanish Language - Advanced Level	6
ENGL 150-250 OR	English Composition I and II OR	
ENGL 101-102 or ENGL 103-104 or ENGL 105-106	Introduction to English Language - Basic Level Introduction to English Language – Intermediate Level Introduction to English Language - Advanced Level	6
MATH 112ON	College Algebra	3
SOSC 101-102 or SOSC 103 and PSYC 123	Introduction to Social Science I and II OR Introduction to Social Sciences (Compendium) AND General Psychology (Compendium)	6
SCIE 111-112	Integrated Science I and II	6
COIS 101	Introduction to Computers	3
HIST 101	Introduction to the Study of History	3
ENGL 340 OR	Research and Writing OR	3
SPAN 215	Writing and Composition	
COMM 140 OR	Effective Communication OR	3
ENGL 212	English Second Year Basic Level	
COMM 240 OR	Interpersonal Communication OR	3
ENGL 350	Conversational English	
HUMA 101-102	World Cultures I and II	6
	<b>Total</b>	<b>48</b>
Core / Professional Courses		
Course	Title	Credits
ACCO 111-112	Introduction to Accounting I and II	8
STAT 201	Introduction to Business Statistics	3
ECON 123	Introduction to Economics (Compendium)	3
ECON 325	Introduction to International Trade	3
ENMA 101	Introduction to Business Development	3
MANA 210	Management Theories	3
MANA 131	Human Relations in Trade	3
BUSI 204	Business Law	4
MARK 133	Principles of Marketing	3
FINA 202	Business Finance	3
QUME 250	Quantitative Methods	3
	<b>Total</b>	<b>39</b>
Major Courses		
Course	Title	Credits
OFAD 141	Keyboard Skills	3
COIS 110	Introduction to Information Systems	4
COIS 215	Introduction to Application Development	3
COIS 216	Design and Implementation of Desktop Applications	4
COIS 304	Concepts of "Hardware" and "Software"	3
COIS 312	Design and Implementation of Distributed Applications	3
COIS 320	Architecture Solutions	3
COIS 412	Networking	3
	<b>Total</b>	<b>26</b>
Major Electives (Select two courses – 6 credits)		
Course	Title	Credits
COIS 408	Topics in Information Systems	3
COIS 411	Database Development	3
COIS 424	Web Pages and E-Commerce	3
	<b>Total</b>	<b>6</b>
Free Elective		
	**Choose a course from Accounting or Management Sequential**	3
	<b>Total</b>	<b>3</b>
	<b>Total credits</b>	<b>125</b>