

# 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 100                              | History of the Arts                            | 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<br>Introduction to Spanish Language – Intermediate Level<br>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<br>Introduction to English Language – Intermediate Level<br>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<br>Introduction to Social Sciences (Compendium) AND<br>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> |