



Inter-American University of Puerto Rico
Aguadilla Campus
Business Administration Department

Sequential for the Bachelor of Business Administration Degree in Information Technology

Students admitted, readmitted or with a change of concentration as of July 2018

Effective: July 2018

FIRST YEAR – FIRST SEMESTER

CODE	COURSE	CREDITS
ITEC 1100	Introduction to Information Technology	3
ITEC 1200	Programming Algorithms	3
GESP 1101	Literature and Communication: Narrative and Poetry	3
GEEN 1101	English I (Take one of them according to the College Board results)	3
GEEN 1201		
GEEN 2311		
GEIC 1010	Information and Computing Technologies	3
TOTAL		15

FIRST YEAR – SECOND SEMESTER

CODE	COURSE	CREDITS
ITEC 2310	Visual Programming in Information Systems (Requirement: ITEC 1200)	3
ITEC 2450	Website Development	3
GESP 1102	Literature and Communication: Essay and Theatre (Requirement: GESP 1101)	3
GEEN 1102	English II (Take one of them according to the College Board results) (Requirement: English I)	3
GEEN 1202		
GEEN 2312		
GEMA 1200	Fundamentals of Algebra	3
TOTAL		15

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CREDITS
ITEC 2560	Mobile Application Programming (Requirement: ITEC 1200)	3
ITEC 3130	Database Design and Management (Requirement: ITEC 2310)	3
ACCT 1161	Introduction to Financial Accounting	4
GEEN 1103	English III (One of them according to the results of the College Board) (Prerequisite: English II)	3
GEEN 1203		
GEEN 2313		
GESP 2203	Literature and World View (Requirement: GESP 1102)	3
TOTAL		16

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CREDITS
ITEC 3350	Telecommunications and Networks in Business (Requirement: ITEC 2450)	3
ITEC 3420	Analysis and Design of Information Systems (Requirement: ITEC 3130)	3
ACCT 1162	Introduction to Managerial Accounting (Requirement: ACCT 1161)	4
MAEC 2140	Fundamentals of Quantitative Methods (Requirement: GEMA 1200)	3
MAEC 2211	Principles of Microeconomics (Requirement: GEMA 1200)	3
TOTAL		16

THIRD YEAR – FIRST SEMESTER

CODE	COURSE	CREDITS
ITEC 3570	Internet Programming (Requirement: ITEC 2450)	3
MAEC 2212	Principles of Macroeconomics (Requirement: MAEC 2211)	3
MAEC 2221	Basic Statistics (Requirement: GEMA 1200)	3
MKTG 1210	Introduction to Marketing	3
BADM 1900	Fundamentals of Business Management	3
TOTAL		15

THIRD YEAR – SECOND SEMESTER

CODE	COURSE	CREDITS
ITEC 4500	Information Systems Audit and Security (Requirement: ITEC 3420)	3
MAEC 2222	Management Statistics (Requirements: MAEC 2221 and MAEC 2140)	3
OMSY 3030 OMSY 3040	Business Communication in Spanish (Requirements: GESP 1102 and OMSY 1101 or GEIC 1010) Business Communication in English (Requirements: GEEN 1101 and OMSY 1101 or GEIC 1010) (Select one of the two courses)	3
GEHS 2010	Historical Process of Contemporary Puerto Rico	3
GEPE 3010 GEPE 3020 GEPE 3030	Art Appreciation Music Appreciation Theatre Appreciation (Select one of three courses)	3
TOTAL		15

FOURTH YEAR – FIRST SEMESTER

CODE	COURSE	CREDITS
ITEC 4970	Seminar on Information Systems (Requirement: ITEC 3420)	3
GEHP 3000	Integrative Health and Quality of Life	3
GEST 2020	The Natural Environment and the Human Being	3
GECF 1010	Introduction to the Christian Faith	3
FREE ELECTIVE		3
TOTAL		15

FOURTH YEAR – SECOND SEMESTER

CODE	COURSE	CREDITS
ITEC 4915	Practice	3
ITEC 4916	Project (Select one of the two courses)	3
GEEC 2000	Entrepreneurial Culture	3
FINA 2101	Corporate Finance I (Requirements: ACCT 1161 and GEMA 1200)	3
GEHS 3020	Global Society	3
GEHS 3050	Human Formation, Society and Culture	
GEHS 4020	Ancient and Medieval Western Civilization	
GEHS 4030	Modern and Contemporary Western Civilization (Select one of four courses)	
GEPE 4040	Ethics and Social Responsibility	3
TOTAL		15

DEGREE REQUIREMENTS	CREDITS
General Education Requirements	48
Concentration Requirements	36
Core Requirements	35
Elective Courses	3
TOTAL	122

Concentration Requirements – 36 credits (pass with a minimum grade of C)

- ITEC 1100 Introduction to Information Technology
- ITEC 1200 Programming Algorithms
- ITEC 2310 Visual Programming in Information Systems
- ITEC 2450 Website Development
- ITEC 2560 Mobile Application Programming
- ITEC 3130 Database Design and Management
- ITEC 3350 Telecommunications and Networks in Business
- ITEC 3420 Information Systems Analysis and Design
- ITEC 3570 Internet Programming
- ITEC 4500 Audit and Security in Information Systems
- ITEC 4915 Practicum or
- ITEC 4916 Project
- ITEC 4970 Seminar on Information Systems

Core Requirements – 35 credits (pass with a minimum grade of C)

- ACCT 1161 Introduction to Financial Accounting
- ACCT 1162 Introduction to Managerial Accounting
- BADM 1900 Fundamentals of Business Management
- FINA 2101 Corporate Finance I
- MAEC 2140 Fundamentals of Quantitative Methods
- MAEC 2211 Principles of Microeconomics

MAEC 2212 Principles of Macroeconomics
MAEC 2221 Basic Statistics
MAEC 2222 Managerial Statistics
MKTG 1210 Introduction to Marketing
OMSY 3030 Business Communication in Spanish or
OMSY 3040 Business Communication in English

Elective Courses – 3 credits (check with your academic advisor)

The student may select courses from any program of study but must meet the requirements of the selected course or take courses without prerequisites.

PRACTICE:

The internship (ITEC 4915) may be validated for students who have had satisfactory work experience and request it in writing to the director of the academic department. Such validation shall be subject to; Among other requirements, the student must have been working full-time for a minimum period of two consecutive years in a company within the three years immediately preceding the date of application. In addition, the student will pay 50% of the tuition fee for the internship course for which validation is requested.

Note: All students must comply with all the requirements in the General Catalog available on the website aguadilla.inter.edu. The official evaluation of the student is conducted by the Registrar's Office after the graduation fee has been paid. Students of the Department of Economic and Administrative Sciences must pass the concentration courses with a minimum grade of "C".