Interamerican University of Puerto Rico
Aguadilla Campus
Department of Science Technology

Sequential Associate of Applied Science in Computer Science

Effective Date: 2018

FIRST YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
COMP 2120	Programming Logic	3
GEEN 1101 GEEN 1201 GEEN 2311	English I (One of them according to the results of the College Board)	3
GEIC 1010	Information and Computer Technologies	3
GEMA 1200	Fundamentals of Algebra	3
GESP 1101	Literature and Communication: Narrative and Poetry	3
TOTAL		15

FIRST YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
COMP 2025	Web Page Development	3
COMP 2315	Structured Programming (requirement COMP 2120)	3
GEEN 1102 GEEN 1202 GEEN 2312	English II (One of them according to the results of the College Board)	3
GESP 1102	Literature and Communication: Essay and Theatre	3
MATH 1500	Pre-calculation (GEMA 1200 requirement)	5
TOTAL		17

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
COMP 2400	Object-Oriented Programming (requirement COMP 2315)	3
COMP 2501	Discrete Computational Structures I (MATH 1500 or MAEC 2140 requirement)	3
COMP 2800	Databases	3
GECF 1010	Introduction to the Christian Faith	3
GEHS 2010 GEEC 2000	Historical Process of Contemporary Puerto Rico Entrepreneurial Culture (Select one of the two courses)	3
TOTAL		15

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
COMP 2850	Mobile Computing (requirement COMP 2315)	3
COMP 2900	Data Structure (COMP 2400 and 2501 requirement)	3
COMP 2970	Seminar and Practice (requirement COMP 2400 and 2800)	3
COMP 3015	WEB Programming with Databases (COMP 2800 requirement)	3
TOTAL		12

REQUIREMENTS FOR THE BACHELOR

DEGREE REQUIREMENTS	CREDITS
General education requirements	24
Concentration requirements	35
TOTAL	59

NOTES:

*Basic English Skills: Students will be placed in the levels, according to their score in the English test of the PEAU tests (or its equivalent). This placement will be according to the following scores: for the elementary level, up to 440 points; for the intermediate level, from 441 to 580 points; for the advanced level, from 581 points onwards.

 **Basic Spanish Skills: Three (3) consecutive Spanish courses are required for a total of nine (9) credits. GESP courses 1101, 1102 and 2203 will be supported by a virtual open laboratory. For students whose vernacular is not Spanish, GESP 1021, 1022 and 2023 courses will be required. These courses will be supported by an open or virtual language lab.