



Interamerican University of Puerto Rico  
Aguadilla Campus  
Department of Science Technology

## Sequential Associate of Applied Science in Computer Science

### STUDENTS ADMITTED ON OR BEFORE JANUARY 2024

Effective Date: 2018

#### FIRST YEAR – FIRST SEMESTER

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
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
<b>TOTAL</b>		<b>15</b>

#### FIRST YEAR – SECOND SEMESTER

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
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
<b>TOTAL</b>		<b>17</b>

**SECOND YEAR – FIRST SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
COMP 2400	Object-Oriented Programming (requirement COMP 2315)	3
COMP 2501	Discrete Computational Structures I (requirement MATH 1500)	3
COMP 2800	Databases (requirement COMP 2120)	3
GECF 1010	Introduction to the Christian Faith	3
GEHS 2010	Historical Process of Contemporary Puerto Rico	3
GEEC 2000	Entrepreneurial Culture (Select one of the two courses)	3
<b>TOTAL</b>		<b>15</b>

**SECOND YEAR – SECOND SEMESTER**

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

**REQUIREMENTS FOR THE ASSOCIATE DEGREE**

<b>DEGREE REQUIREMENTS</b>	<b>CREDITS</b>
General education requirements	24
Concentration requirements	35
<b>TOTAL</b>	<b>59</b>