



**INTERAMERICAN UNIVERSITY OF PUERTO RICO  
GUAYAMA CAMPUS  
NATURAL SCIENCES AND TECHNOLOGY**

*Curricular Sequence*

**ASSOCIATE DEGREE IN APPLIED SCIENCES IN VIDEOGAMES AND MOBILE APPLICATIONS (CODE A458)**

General Education Program Requirements **24 credits**  
 Major Requirements **36 credits**  
**Total 60 credits**

**FIRST YEAR**

First Semester				
Course		A	P	Credits
VGMA 1110	Mobile Device Technologies			3
VGMA 1120	Programming Languages			3
VGMA 1130	Digital Visual Arts			3
GEIC 1010	Information and Computing Technologies			3
GEMA 1200	Fundamentals of Algebra			3
<b>Total</b>				<b>15</b>
Second Semester				
Course		A	P	Credits
VGMA 1210	User Interface Design			3
VGMA 1220	Mathematics and Physics for Videogames			3
VGMA 1230	Application Programming I			3
GEEN 1101	English as a Second Language I: Oral Communication			3
GESP 1101	Literature and Communication: Narrative and Poetry			3
<b>Total</b>				<b>15</b>

**SECOND YEAR**

First Semester				
Course		A	P	Credits
VGMA 2110	Application Programming II			3
VGMA 2120	Digital Development and Narrative			3
VGMA 2130	Videogame Programming			3
GEEN 1102	English as a Second Language I: Reading			3
GESP 1102	Literature and Communication: Essay and Theatre			3
<b>Total</b>				<b>15</b>
Second Semester				
Course		A	P	Credits
VGMA 2210	Cloud Computation			3
VGMA 2220	Artificial Intelligence			3
VGMA 2230	Creative Work			3
GECF 1010	Introduction to the Christian Faith			3
GEHS 2010	Historical Process of Contemporary Puerto Rico			3
<b>Total</b>				<b>15</b>