



Interamerican University of Puerto Rico  
Aguadilla Campus  
Department of Science Technology

## Sequential Associate in Renewable Energy Engineering Technology

Effective Date: 2021

### FIRST YEAR – FIRST SEMESTER

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
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
REEN 1010	Introduction to Renewable Energy Systems	3
<b>TOTAL</b>		<b>15</b>

### FIRST YEAR – SECOND SEMESTER

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
ELEC 2331	Electrical Circuits Laboratory I (requirement GEMA 1200 concurrent ELEC 2341)	1
ELEC 2341	Electrical Circuits I	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-calculus (requirement GEMA 1200)	5
REEN 2010	Energy Auditing and Efficiency	3
<b>TOTAL</b>		<b>18</b>

**SECOND YEAR – FIRST SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
ELEC 2121	Digital Circuits Laboratory I (requirement GEMA 1200 concurrent with ELEC 2331)	1
ELEC 2131	Digital Circuits I (requirement GEMA 1200)	3
ELEC 2332	Electrical Circuits Laboratory II (requirement ELEC 2331 and 2341 concurrent with ELEC 2342)	1
ELEC 2342	Electrical Circuits II (requirement ELEC 2341 concurrent with MATH 1500)	3
ELEC 2471	Electronic Circuits Laboratory I (requirement ELEC 2331 concurrent with ELEC 2481)	1
ELEC 2481	Electronic Circuits I (requirement ELEC 2341)	3
REEN 2110	Wind Energy Systems	3
<b>TOTAL</b>		<b>15</b>

**SECOND YEAR – SECOND SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
ELEC 2670	Solar Energy (ELEC requirement 2342 and 2481)	3
ELEC 3431	Electrical Systems (requirement ELEC 2342)	3
GECF 1010	Introduction to the Christian Faith	3
GEEC 2000	Entrepreneurial Culture	3
REEN 2120	Microcontroller Programming Laboratory (requirement ELEC 2131)	1
REEN 2910	Integrated Practice and Professional Ethics (requirement: approval of concentration courses REEN 2010 and REEN 2110. Authorization from the Department Director or Coordinator.)	3
<b>TOTAL</b>		<b>16</b>

**REQUIREMENTS FOR THE ASSOCIATE DEGREE**

<b>DEGREE REQUIREMENTS</b>	<b>CREDITS</b>
General education requirements	24
Concentration requirements	40
<b>TOTAL</b>	<b>64</b>

**NOTES:**

Students must pass all concentration courses with a minimum grade of C and maintain a cumulative GPA of 3.00.