



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

CODE	COURSE	CRS.
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
TOTAL		15

FIRST YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
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-calculation (GEMA 1200 requirement)	5
REEN 2010	Audit and Energy Efficiency	
TOTAL		18

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
ELEC 2121	Digital Circuits Laboratory I (requirement GEMA 1200 concurrent ELEC 2331)	1
ELEC 2131	Digital Circuits I (GEMA 1200 requirement)	3
ELEC 2332	Electrical Circuits Laboratory II (requirement ELEC 2331 and 2341 concurrent 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 3181)	1
ELEC 2481	Electronic Circuits I (requirement ELEC 2341)	3
REEN 2110	Wind Systems	3
TOTAL		15

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
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 (ELEC 2131 requirement)	1
REEN 2910	Integrated Practice and Professional Ethics (requirement to have passed the concentration courses REEN 2010 and REEN 2110. Authorization of the Director of the Department or Coordinator.	3
TOTAL		16

REQUIREMENTS FOR THE BACHELOR

DEGREE REQUIREMENTS	CREDITS
General education requirements	24
Concentration requirements	40
TOTAL	64

NOTES:

The student must pass with the minimum grade of C the concentration courses and must maintain a general average of 3.00