



Inter American University of Puerto Rico
Aguadilla Campus
Department of Graduate Studies

Master of Science in Biology with Specialization in
Environmental and Ecological Sciences: Option B Without Research Project
Effective from July 2017
35 Credits

Year 1
First Trimester

CODE	COURSE	CREDITS
BIOL 5001	Integrated Biology I	3
BIOL 6971	Seminar I	1
EVSC 5020	Biostatistics	3
TOTAL		7

Second Trimester

CODE	COURSE	CREDITS
BIOL 5002	Integrated Biology II Requisite: BIOL 5001.	3
BIOL 6102	Environmental and Ecological Sciences	3
BIOL 6972	Seminar II Requisite: BIOL 6971.	1
TOTAL		7

Third Trimester

CODE	COURSE	CREDITS
BIOL 6204	Methods of Research in Ecology	3

CODE	COURSE	CREDITS
	One specialization course selected from Table 1.	3
TOTAL		6

Year 2
Fourth Trimester

CODE	COURSE	CREDITS
BIOL 6990	Scientific Writing Requisite: BIOL 6204.	3
	One specialization course selected from Table 1.	3
TOTAL		6

Fifth Trimester

CODE	COURSE	CREDITS
	One prescribed distributive course selected from Table 1.	3
	One prescribed distributive course selected from Table 1.	3
TOTAL		6

Sixth Trimester

CODE	COURSE	CREDITS
	One prescribed distributive course selected from Table 1.	3
TOTAL		3

Table 1: Environmental and Ecological Sciences Specialization or Prescribed
Distributive Courses

CODE	COURSE	CREDITS
BIOL 6006	Biomolecular Techniques Laboratory	3

CODE	COURSE	CREDITS
BIOL 6007	Plants Biotechnology	3
BIOL 6009	Bioremediation Requisite: BIOL 5002.	3
BIOL 6012	Biology and Conservation of Marine Mammals	3
BIOL 6013	Environmental Microbiology	3
BIOL 6015	Extremophiles	3
BIOL 6016	Evolutionary Processes	3
BIOL 6020	Bioterrorism and Biodefense	3
BIOL 6021	Biosecurity for Responders	3
BIOL 6022	Food Hygiene and Biosecurity	3
BIOL 6023	Microbiology and Entomology	3
BIOL 6103	Tropical Ecology	3
BIOL 6104	Population Ecology	3
BIOL 6105	Island Biogeography	3
BIOL 6107	Pollution and Ecological Systems	3
BIOL 6108	Environmental Physiology of Animals	3
BIOL 697_	Special Topics in Biology Requisite: BIOL 5002.	3
BIOL 6990	Scientific Writing Requisite: BIOL 6204.	3
EVSC 5105	Geographic Information Systems and Applications in Environmental Sciences	3