



2016-2017 Bethune-Cookman University

Integrated Environmental Science: Total Semester Hours = 129

Freshman Year							
First Semester				Second Semester			
EN	131	College English I*	3	EN	132	College English II	3
BI	141	Principles of Biology I	3	BI	142	Principles of Biology II	4
BIL	141	Principles of Biology Lab I	1	CH	142	General Chemistry II	3
MAT	135	Pre Calculus*	3	CHL	142	General Chemistry II Lab	1
FC	110	Freshman Seminar I	1	MAT	136	Analytical Trigonometry	3
BI	111	Introduction to Biology	1	FC	111	Freshman Seminar II	1
PE	113	Health and Wellness	1	HI	130	African American History	3
CH	141	General Chemistry I	3				
CHL	141	General Chemistry I Lab	1				
		Total	17			Total	18
Sophomore Year							
First Semester				Second Semester			
SC	230	Intro to Oral Communication	2	BI	222	Biology Sophomore Seminar	1
RELI	110	Understanding Faith	3	ES	215	Environmetrics	3
BI	240	Principles of Biology III	4	HU or	225	Interdisciplinary Humanities OR	3
CIS	215	Fundamentals of Scientific Computing	3	SS	245	Interdisciplinary Social Science	3
MAT	241	Calculus I	3	ES	246	Environ. Microbiology	3
MAL	241	Calculus I Lab	1	ESL	246	Environ. Microbiology Lab	1
FC	280	Sophomore Seminar: Leadership	1	ES	233	Environmental Ethics	3
				ES	241	Prin. of Environmental Science	3
				ESL	241	Prin. of Environmental Science Lab	1
		Total	17			Total	18
Junior Year							
First Semester				Second Semester			
ES	240	Environ. Chemistry	3	ENT	300	Junior Seminar: Entrepreneurship	1
ES	240	Environ. Chemistry Lab	1	ES	345 or 346	Fresh Water Aquatic Systems OR Coastal Systems	3
BI	437	General Ecology	4	ESL	345 or 346	Fresh Water Aquatic Systems Lab OR Coastal Systems Lab	1
PH	241/251	General Physics <u>or</u> College Physics	4	ES	332	Environ. Human Ecology	3
PHL	241/251	General Physics Lab <u>or</u> Coll Physics Lab	0	***	***	100/200 Free Elective	3
ES	338	Research Methods	3	ES	334/339	Microclimatology <u>or</u> Hydrology	3
ES	311	IES Junior Seminar	1	ES	334/339	Microclimat. Lab <u>or</u> Hydrology Lab	1
		Total	16			Total	15
Senior Year							
First Semester				Second Semester			
ML	131	Modern Language	3	ML	132	Modern Language	3
ES	335	GIS and Remote Sensing	3	CSEM		Elective: Any 300/400 CSEM course	3
ESL	335	GIS and Remote Sensing Lab	1	ES	430	Env. Policy and Risk Management	3
ES	244	Envir. and Ecological Economics	3	ES	450	Ecosystems	3
ES	330	Environmental Regulations	3	ES	499	IES Senior Seminar II	1
ES	498	IES Senior Seminar I	2				
		Total	15			Total	13

General Education Courses are bold.

*Based on your placement testing scores, these courses may require prerequisites which may extend the number of semesters needed to complete degree requirements. These prerequisites do not count towards the degree for graduation.

****MARCHING BAND MEMBERS ONLY, MUST substitute PE Activity with MUB 110 Marching Band.**

****ROTC MEMBERS ONLY, substitute PE Activity with MY 104 Basic Military Science and MYL 104 Basic Military Science Lab (ROTC)**