

Proposed Curriculum
Bethune-Cookman University

MS in Integrated Environmental Science: Total Semester Hours = 36

Required Courses:

ES 501 Environmental Seminar I	1 cr.
ES 502 Environmental Seminar II	1 cr.
ES 510 Organization of Human Systems	3 cr.
ES 511 Organization of Natural Systems	3 cr.
ES 530 Environmental Policy and Risk Manag.	3 cr.
ES 603 Experimental Design	3 cr.
ES 613 Advanced Environmental Ethics	3 cr.
ES 614 Coastal Environmental Science	3 cr.
ES 620 Advanced Environmental Economics	3 cr.
ES 635 Advanced GIS and Remote Sensing	3 cr.
ES 699 IES Thesis	4 cr. total (minimum)

Plus a Minimum of 6 Credits from the Following Elective Courses:

ES 550 Ecosystem Management	2 cr.
ES 605 Environmental Modeling	2 cr.
ES 631 Advanced Environmetrics	2 cr.
ES 641 Toxicology and Risk Assessment	2 cr.
ES 651 Environmental Restoration	2 cr.
ES 695 Special Problems in IES	2 cr.

Total Required Courses 30 cr. (minimum)

Total Electives Courses 6 cr.

Total for MSIES Degree 36 cr. (minimum)

Suggested Curriculum

First Semester			
ES	501	Environmental Seminar I	1
ES	510	Organization of Human Systems	3
ES	511	Organization of Natural Systems	3
ES	xxx	Elective 1	2

Total 9

Second Semester			
ES	502	Environ. Seminar II	1
ES	603	Experimental Design	3
ES	635	Advanced GIS and Remote Sensing	3
ES	699	IES Thesis	2

Total 9

Third Semester			
ES	614	Coastal Environmental Science	3
ES	613	Advanced Environmental Ethics	3
ES	xxx	Elective 2	2
ES	699	IES Thesis	1

Total 9

Fourth Semester			
ES	530	Environmental Policy and Risk Management	3
ES	620	Advanced Environ. Economics	3
ES	xxx	Elective 3	2
ES	699	IES Thesis	1

Total 9

30 credits required courses (minimum) + 6 credits electives = 36 Credits Minimum

ES 699 IES Thesis (1–9) may be taken during any semester when research is conducted. A minimum of six thesis credit hours are needed for graduation.

Electives List

ES 550 Ecosystem Management
 ES 605 Environmental Modeling
 ES 631 Advanced Environmetrics
 ES 641 Toxicology and Risk Assessment
 ES 651 Environmental Restoration
 ES 695 Special Problems in IES