

FACULTY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF LIFE SCIENCES

Telephone: 1-868-662-2002
Ext. 82045/83111/83789/83740

DEGREE AUDIT FORM

STUDENTS TO COMPLETE

Double Major in Biology and Environmental Science

Student Name:			Student ID:	
	<i>Last</i>	<i>First</i>		
Email:			Telephone #:	

NOTE: Students will be debarred from writing the final examination if they have not attended at least 75% of lectures and laboratory sessions and handed in 75 % of reports or practical exercises.

DEGREE	LEVEL I CREDITS	FOUNDATION COURSES CREDITS	LEVEL II/III BIOLOGY CREDITS	LEVEL II/III ENVIRONMENTAL SCIENCE CREDITS	TOTAL
BSc. Biology and Environmental Science	24	9	30	30	93

LEVEL I COURSES – (24 CREDITS)

CORE COURSES – (Tick Completed Courses)	SEMESTER	CREDITS	
1. BIOL 1262 Living Organisms I	Sem.I	3	
2. BIOL 1263 Living Organisms II	Sem.I	3	
3. ESST 1002 Chemistry for Environmental Sciences	Sem.I	3	
4. MATH 1115* Fundamental Mathematics for the General Sciences I OR MATH 1125* Fundamental Mathematics for the General Science II	Sem.I/ II Sem.II	3	* For students who do not have a pass in Pure Mathematics at CAPE Units I & II or GCE A 'Level or equivalent.
5. BIOL 1362 Biochemistry I	Sem.II	3	
6. BIOL 1364 Genetics I	Sem.II	3	
7. ESST 1000 Physics for Environmental Sciences	Sem.II	3	
8. ESST 1006 Human Impact on the Environment	Sem.II	3	

Additional Level I credits from anywhere to accumulate to a total of 24 Level I Credits

*** ANYWHERE MEANS FROM WITHIN THE LIFE SCIENCES DEPARTMENT OR ANY OTHER DEPARTMENTS OR FACULTIES**

ELECTIVES			SEMESTER	CREDITS
1.				

Students may use a total of 6 Co-curricular credits towards their Level I credits.

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS)-

(Tick Completed Courses)

			CREDITS
1. *Level I Foreign Language – (for new students 2023-2024) OR FOUN 1101 Caribbean Civilization	Sem. I/ II/ III	3	3
1. FOUN 1105 Scientific and Technical Writing	Sem. II/III	3	3
2. FOUN 1301 Law, Governance, Economy and Society	Sem. II/ III	3	3

LEVEL II/III BIOLOGY COURSES – 10 BIOLOGY COURSES (30 BIOLOGY CREDITS)

BIOLOGY COURSES - (Tick Completed Courses)

YEAR II				CREDITS
	1.	BIOL 2061 Cell and Developmental Biology	Sem.I	3
	2.	BIOL 2165 Genetics II	Sem.I	3
	3.	BIOL 2262 Evolutionary Biology	Sem.I	3
	1.	BIOL 2164 Principles of Molecular Biology	Sem.II	3
	2.	BIOL 2265 Fundamentals of Microbiology	Sem.II	3
	3.	BIOL 2764 Physiology of Plants	Sem.II	3
YEAR III				
	4.	BIOL 2360 Biochemistry IIA	Sem.I	3



	5. BIOL 2867	Physiology of Animals	Sem.II	3
	6. ESST 2006	Pollution Biology	Sem.II	3
PLUS One (1) Biology Elective: (Tick Completed Course)				
	7.		Sem.I/II/III	

NB: Additional Information available in the Faculty of Science and Technology Undergraduate Booklet and on the website.

LEVEL II/III ENVIRONMENTAL SCIENCE COURSES – (30 ENVIRONMENTAL SCIENCE CREDITS)				
ENVIRONMENTAL SCIENCE COURSES - (Tick Completed Courses)				CREDITS
YEAR II				
	1. BIOL 2163	Biostatistics*	Sem.I	3
	2. ESST 2001	Principles of Environmental Chemistry	Sem.I	3
	3. ESST 2004	Physics for Environmental Science II	Sem.II	3
	4. BIOL 2464	Fundamentals of Ecology	Sem.I	3
YEAR III				
	5. ESST 3001	Environmental Fate and Transport	Sem.I	3
	6. ESST 3002	Environmental Modeling	Sem.I	3
	7. ESST 3003	Environmental Monitoring and Assessment	Sem.I	3
	8. ESST 3103	Environmental Health	Sem.I	3
	9. ESST 3102	Environmental Impact Assessment	Sem.II	3
	10. ESST 3000	Environmental Toxicology	Sem.II	3