

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

Major in Environmental Science with Minor in Biochemistry

***This programme may require students to read 3 extra level I credits, which is not GATE funded.**

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 ENVIRONMENTAL SCIENCE CREDITS	LEVEL II/III BIOCHEMISTRY CREDITS	ELECTIVES CREDITS	TOTAL
BSc Environmental Science and Minor Biochemistry	24	9	30	15	15	93

LEVEL I COURSES – (24 CREDITS)

CORE COURSES – (Tick Completed Courses)				CREDITS	
1.	BIOL 1262	Living Organisms I	Sem.I	3	
2.	BIOL 1263	Living Organisms II	Sem.I	3	
3.	CHEM 1066	Intro. to Chemistry I	Sem.I	3	
4.	MATH 1115*	Fundamental Mathematics for the	Sem.I	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.	CHEM 1067	Intro. to Chemistry II	Sem.II	3	
8.	ESST 1000	Physics for Environmental Sciences	Sem.II	3	
9.	ESST 1006	Human Impact on the Environment	Sem.II	3	

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS) - (Tick Completed Courses)

1. *Level I Foreign Language – (for new students 2023-2024)	*For students who do not have a pass in a Foreign Language at CSEC/CAPE	Sem. I/ II/ III	3
OR	* For students who have a pass in a Foreign Language at CSEC/CAPE	Sem. I/ II/ III	3
FOUN 1101 Caribbean Civilization		Sem. II/ III	3
2. FOUN 1105 Scientific and Technical Writing		Sem. II/ III	3
3. FOUN 1301 Law, Governance, Economy and Society		Sem. II/ III	3

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.II	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 2006	Pollution Biology	Sem.II	3
	10. ESST 3102	Environmental Impact Assessment	Sem.II	3

MINOR IN BIOCHEMISTRY LEVEL II/III COURSES – 6 COURSES (15 BIOCHEMISTRY CREDITS)**BIOCHEMISTRY COURSES - (Tick Completed Courses)****CREDITS****YEAR II**

	1. BIOC 2061	Bioenergetics	Sem.I	3
	2. BIOC 2069	Practical Skills in Biochemistry I	Sem.I	1.5
	3. BIOC 2161	Primary Metabolism	Sem.I	3
	4. BIOC 2169	Practical Skills in Biochemistry II	Sem.II	1.5

PLUS two (2) Biochemistry electives courses taken from the following: (Tick Completed Courses)

	• BIOC 2162	Circulatory and Secretory Systems	Sem.II	3
	• BIOC 2262	Gene Expression	Sem.II	3

YEAR III

	• BIOC 3062	Cellular and Molecular Defence Systems	Sem.I	3
	• BIOC 3062	Cellular and Molecular Defence Systems	Sem.I	3
	• BIOC 3262	Medical Biochemistry	Sem.II	3
	• BIOC 3364	Biochemical Basis of Disease	Sem.II	3

PLUS 5 Level II/III courses from anywhere to accumulate to (15) Level II/III credits

	1.	Sem. I/ II/ III	3
	2.	Sem. I/ II/ III	3
	3.	Sem. I/ II/ III	3
	4.	Sem. I/ II/ III	3
	5.	Sem. I/ II/ III	3