

# 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 - 2022-2023

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

**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 CORE CREDITS	LEVEL II/III ELECTIVE CREDITS	TOTAL
<b>BSc. General (Major in Environmental Science)</b>	<b>24</b>	<b>9</b>	<b>30</b>	<b>30</b>	<b>93</b>

#### LEVEL I COURSES – (24 CREDITS)

CORE COURSES – (Tick Completed Courses)			CREDITS	
1.	ESST 1001 Biology for Environmental Sciences	Sem.I	3	<i>Students reading a major/minor in <b>Biology</b> should not take this course. should not take this course. Replace with a level I elective.</i>
2.	ESST 1002 Chemistry for Environmental Sciences	Sem.I	3	<i>Students reading a major/minor in <b>Chemistry</b> should not take this course. should not take this course. Replace with a level I elective.</i>
3.	ESST 1000 Physics for Environmental Sciences	Sem.II	3	<i>Students reading major/minor in <b>Physics</b> should not take this course. Replace with a level I elective.</i>
4.	ESST 1006 Human Impact on the Environment	Sem.II	3	
5.	MATH 1115* Fundamental Mathematics for the General Sciences I <b>OR</b> MATH 1125* Fundamental Mathematics for General Science II	Sem.I Sem.II	3	1. * For students who <b>do not</b> have a pass in Pure Mathematics at CAPE Units I & II or GCE A 'Level or equivalent. 2. Students reading a major/minor in Mathematics should not take these courses.

**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**

	COMPLETED		RECOMMENDED	
1.		1.		Sem.I/II/III
2.		2.		Sem.I/II/III
3.		3.		Sem.I/II/III

*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)

1.	FOUN 1101 Caribbean Civilization	Sem.I/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 COURSES – 10 COURSES (30 CORE CREDITS)

CORE COURSES - (Tick Completed Courses)			CREDITS	
<b>YEAR II</b>				
1.	BIOL 2163 Biostatistics*	Sem. I	3	<i>Students reading major/minor in <b>Maths</b> should not take this course. Replace with an approved level</i>

**PLEASE TURN OVER**



				II/III elective.
2.	ESST 2001 Principles of Environmental Chemistry	Sem. I	3	
3.	ESST 3001 Environmental Fate and Transport	Sem. I	3	
<b>PLUS Two (2) Additional Level II/III courses from anywhere to accumulate to six (6) advance credits</b>				
4.				
5.				
6.	ESST 2004 Physics for Environmental Science II	Sem. II	3	
7.	BIOL 2464 Fundamentals of Ecology	Sem. II	3	
<b>PLUS Three (3) Additional Level II/III courses from anywhere to accumulate to nine (9) advance credits</b>				
8.				
9.				
10.				
<b>YEAR III</b>				
11.	ESST 3002 Environmental Modeling	Sem. I	3	
12.	ESST 3003 Environmental Monitoring and Assessment	Sem. I	3	
13.	ESST 3103 Environmental Health	Sem. I	3	
<b>PLUS Two (2) Additional Level II/III courses from anywhere to accumulate to six (6) advance credits</b>				
14.				
15.				
16.	ESST 2006 Pollution Biology	Sem. II	3	
17.	ESST 3102 Environmental Impact Assessment	Sem. II	3	
<b>PLUS Three (3) Additional Level II/III courses from anywhere to accumulate to nine (9) advance credits</b>				
18.		Sem. II	3	
19.		Sem. II	3	
20.		Sem. II	3	

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

**Elective courses can be chosen from within the Department of Life Sciences, other Departments and with other Faculties.**

Below are a few combinations that can be made with the Elective Courses:

- 30 Credits of Elective Courses.
- One Minor and 15 Level II/III Elective Credits.
- Two (2) Minors (15 Credits each)
- A Second Major (E.g.) Biology and Biochemistry Major  
Biology and Chemistry Major

<b>LEVEL II/III ELECTIVE COURSES – (30 ELECTIVE CREDITS)</b>			
<b>ELECTIVE COURSES - (Tick Completed Courses)</b>			<b>CREDITS</b>
	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
	6.	Sem. I/II/III	3
	7.	Sem. I/II/III	3
	8.	Sem. I/II/III	3
	9.	Sem. I/II/III	3
	10.	Sem. I/II/III	3

# BSc General with Majors

➤ **Option 1: Two majors (double majors or joint majors)**

- Major 1- 30 advanced credits (FST)

+

- Major 2- 30 advanced credits (FST or other faculty)

**TOTAL = 60 Advanced Credits**

➤ **Option 2: Single major with minor/s**

- Major (30 advanced credits (FST)

+

- One minor (15 advanced credits) and electives worth 15 credits  
OR

- Two minors (15 advanced credits each)

**TOTAL = 60 Advanced Credits**

Minors and electives can be from FST or other faculties

➤ **Option 3: Single major with no minors**

- Major (30 defined advanced credits (FST) +

- Advanced electives worth 30 credits from FST or other faculties

**TOTAL = 60 Advanced Credits**