

# 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 2022-2023

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
<b>BSc. Biology and 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. BIOL 1262 Living Organisms I	3	Sem.I		
2. BIOL 1263 Living Organisms II	3	Sem.I		
3. ESST 1002 Chemistry for Environmental Sciences	3	Sem.I		
4. MATH 1115* Fundamental Mathematics for the General Sciences I <b>OR</b> MATH 1125* Fundamental Mathematics for the General Science II	3	Sem.I/ II Sem.II		* For students who <b>do not</b> have a pass in Pure Mathematics at CAPE Units I & II or GCE A 'Level or equivalent.
5. BIOL 1362 Biochemistry I	3	Sem.II		
6. BIOL 1364 Genetics I	3	Sem.II		
7. ESST 1000 Physics for Environmental Sciences	3	Sem.II		
8. ESST 1006 Human Impact on the Environment	3	Sem.II		

**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		Students may use a total of 6 Co-curricular credits towards their Level I credits.
1.	1.	Sem.I/II/III	

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

		CREDITS
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 BIOLOGY COURSES – 10 BIOLOGY COURSES (30 BIOLOGY CREDITS)

BIOLOGY COURSES - (Tick Completed Courses)		CREDITS
<b>YEAR II</b>		
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
<b>YEAR III</b>		
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	
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NB: Additional Information available in the Faculty of Science and Technology Undergraduate Booklet and on the website.

<b>LEVEL II/III ENVIRONMENTAL SCIENCE COURSES – (30 ENVIRONMENTAL SCIENCE CREDITS)</b>					
<b>ENVIRONMENTAL SCIENCE COURSES - (Tick Completed Courses)</b>				<b>CREDITS</b>	
<b>YEAR II</b>					
	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
<b>YEAR III</b>					
	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