

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 Biochemistry – 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 BIOCHEMISTRY CREDITS	TOTAL
BSc. Biology and Biochemistry	24	9	30	30	93

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. CHEM 1066 Introduction to Chemistry I	3	Sem.I		
4. BIOL 1362 Biochemistry I	3	Sem.II		
5. BIOL 1364 Genetics I	3	Sem.II		
6. CHEM 1067 Introduction to Chemistry II	3	Sem.II		
7. MATH 1115* Fundamental Mathematics for the General Sciences I	3	Sem.I		<i>*For students who do not have a pass in Pure Mathematics at CAPE Units I & II or GCE A 'Level or equivalent.</i>

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*

** It is recommended that students reading the Major in Biochemistry should read CHEM1070 Introduction to Chemistry Laboratory (Yearlong) and CHEM1068 Introduction to Chemistry III*

	COMPLETED	RECOMMENDED		Students may use a total of 3 Co-curricular credits towards their Level I credits.
	1.	1.	Sem. I/II/III	
	2.	2.	Sem. I/II/III	

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS)

(Tick Completed Courses)	CREDITS			
1. FOUN 1301 Law, Governance, Economy and Society	3	Sem. II/ III		
2. FOUN 1101 Caribbean Civilization	3	Sem. I/ II/ III		
3. FOUN 1105 Scientific and Technical Writing	3	Sem. II/III		

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

BIOLOGY COURSES CORE - (Tick Completed Courses)	CREDITS
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CHOOSE any 3 courses in year 2 and 1 in Year 3

1. BIOL 2163 Biostatistics		Sem.I		3
2. BIOL 2165 Genetics II		Sem.I		3
3. BIOL 2262 Evolutionary Biology		Sem.I		3
4. BIOL 2061 Cell and Developmental Biology		Sem.I		3

CHOOSE any 2 courses in year 2 and 2 courses in Year 3

5. BIOL 2464 Fundamentals of Ecology		Sem.II		3
6. BIOL 2867 Physiology of Animals		Sem.II		3
7. BIOL 2764 Physiology of Plants		Sem.II		3
8. BIOL 2265 Fundamentals of Microbiology		Sem.II		3

PLUS Two Biology (2) electives: (Tick Completed Courses) **SHOULD BE COMPLETED IN YEAR 3**

9.		Sem. I/ II/ III		
10.		Sem. I/ II/ III		

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

LEVEL II/III BIOCHEMISTRY COURSES – 11 COURSES (30 BIOCHEMISTRY CREDITS)					
BIOCHEMISTRY COURSES - (Tick Completed Courses)				CREDITS	
YEAR 2					
	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 2162	Circulatory and Secretory Systems	Sem.II	3
	5.	BIOC 2169	Practical Skills in Biochemistry II	Sem.II	1.5
	6.	BIOC 2262	Gene Expression	Sem.II	3
YEAR 3					
	7.	BIOC 3062	Cellular and Molecular Defence Systems	Sem.I	3
	8.	BIOC 3162	Experimental Biochemistry and Molecular Biology	Sem.I	3
	9.	BIOC 3364	Biochemical Basis of Disease	Sem.II	3
PLUS two (2) electives from the following courses: (Tick Completed Courses)					
	1.	BIOC 3069	Biochemistry Research Project	Sem.I&II	3
	2.	CHEM 2470	Introduction to Analytical Chemistry	Sem.I	3
	3.	BIOC 3262	Medical Biochemistry	Sem.II	3
	4.	BIOC 3500	Molecular Virology	Sem.II	3
	5.	BIOL 3162	Principles of Microbial Biotechnology	Sem.II	3