

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 Biochemistry with Minor in Biology

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		*For students who do not have a pass in Pure Mathematics at CAPE Units I & II or GCE A 'Level or equivalent.

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

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

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS)

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

LEVEL II/III BIOCHEMISTRY COURSES – 11 COURSES (30 BIOCHEMISTRY CREDITS)

BIOCHEMISTRY COURSES - (Tick Completed Courses)				CREDITS
YEAR 2				
1. BIOC 2061 Bioenergetics	3	Sem.I		
2. BIOC 2069 Practical Skills in Biochemistry I	1.5	Sem.I		
3. BIOC 2161 Primary Metabolism	3	Sem.I		
4. BIOC 2162 Circulatory and Secretory Systems	3	Sem.II		



	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

LEVEL II/III COURSES – 5 COURSES (15 BIOLOGY CREDITS)				
BIOLOGY COURSES CORE - (Tick Completed Courses)				CREDITS
	1. BIOL 2262	Evolutionary Biology	Sem.I	3
	2. BIOL 2061	Cell and Developmental Biology	Sem.I	3
PLUS Three (3) additional BIOLOGY ELECTIVE COURSES (9 credits) taken from the list of Biology electives available in the FACULTY BOOKLET				
	1.		Sem. I/ II/ III	3
	2.		Sem. I/ II/ III	3
	3.		Sem. I/ II/ III	3
PLUS 5 Level II/III ELECTIVE 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

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