

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 - 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 CORE CREDITS	LEVEL II/III ELECTIVE CREDITS	TOTAL
BSc. General (Major in 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 OR MATH 1125* Fundamental Mathematics for General Science II	3	Sem.I/II Sem.II

*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**

COMPLETED	RECOMMENDED		Students may use a total of 6 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 1101 Caribbean Civilization	3
2. FOUN 1105 Scientific and Technical Writing	3
3. FOUN 1301 Law, Governance, Economy and Society	3

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

CORE COURSES - (Tick Completed Courses)	CREDITS
1. BIOC 2061 Bioenergetics	3
2. BIOC 2069 Practical Skills in Biochemistry I	1.5
3. BIOC 2161 Primary Metabolism	3
4. BIOC 3062 Cellular and Molecular Defence Systems	3
5. BIOC 3162 Experimental Biochemistry and Molecular Biology	3
6. BIOC 2162 Circulatory and Secretory Systems	3
7. BIOC 2169 Practical Skills in Biochemistry II	1.5
8. BIOC 2262 Gene Expression	3
9. BIOC 3364 Biochemical Basis of Disease	3

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

1. BIOC 3069 Biochemistry Research Project	3
2. CHEM 2470 Introduction to Analytical Chemistry	3
3. BIOC 3262 Medical Biochemistry	3
4. BIOC 3500 Molecular Virology	3
5. BIOL 3162 Principles of Microbial Biotechnology	3



Please Turn Over

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:

1. 30 Credits of Elective Courses.
2. One Minor and 15 Level II/III Elective Credits.
3. Two (2) Minors (15 Credits each)
4. A Second Major
(E.g.) Biology and Biochemistry Major
Biology and Chemistry Major

LEVEL II/III ELECTIVE COURSES – (30 ELECTIVE CREDITS)			
ELECTIVE COURSES - (Tick Completed Courses)			CREDITS
	1.	Sem. I/II/III	
	2.	Sem. I/II/III	
	3.	Sem. I/II/III	
	4.	Sem. I/II/III	
	5.	Sem. I/II/III	
	6.	Sem. I/II/III	
	7.	Sem. I/II/III	
	8.	Sem. I/II/III	
	9.	Sem. I/II/III	
	10.	Sem. I/II/III	

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