

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			
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	Sem.I	3
	2.	BIOL 1263	Living Organisms II	Sem.I	3
	3.	CHEM 1066	Introduction to Chemistry I	Sem.I	3
	4.	BIOL 1362	Biochemistry I	Sem.II	3
	5.	BIOL 1364	Genetics I	Sem.II	3
	6.	CHEM 1067	Introduction to Chemistry II	Sem.II	3
	7.	MATH 1115*	Fundamental Mathematics for the General Sciences I	Sem.I/II	3
		MATH 1125*	Fundamental Mathematics for General Science II	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**
*** 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.	*Level I Foreign Language – (for new students 2023-2024) OR FOUN 1101 Caribbean Civilization	*For students who do not have a pass in a Foreign Language at CSEC/CAPE * For students who have a pass in a Foreign Language at CSEC/CAPE	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	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 3062	Cellular and Molecular Defence Systems	Sem.I	3
	5.	BIOC 3162	Experimental Biochemistry and Molecular Biology	Sem.I	3



	6. BIOC 2162	Circulatory and Secretory Systems	Sem.II	3
	7. BIOC 2169	Practical Skills in Biochemistry II	Sem.II	1.5
	8. BIOC 2262	Gene Expression	Sem.II	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 (<i>Students pursuing a major in Chemistry cannot choose this course a Biochemistry elective</i>)	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

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

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

