

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 Biology with Minor 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 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 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*

ELECTIVE		Students may use a total of 6 Co-curricular credits towards their Level I credits.
	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	3	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 COURSES – 10 COURSES (30 BIOLOGY CREDITS)

BIOLOGY COURSES CORE - (Tick Completed Courses)		CREDITS
CHOOSE any 3 courses in year 2 and 1 in Year 3		
1. BIOL 2163 Biostatistics	3	Sem.I
2. BIOL 2165 Genetics II	3	Sem.I
3. BIOL 2262 Evolutionary Biology	3	Sem.I
4. BIOL 2061 Cell and Developmental Biology	3	Sem.I
CHOOSE any 3 courses in year 2 and 3 courses in Year 3		
5. BIOL 2464 Fundamentals of Ecology	3	Sem.II
6. BIOL 2867 Physiology of Animals	3	Sem.II



	7. BIOL 2764	Physiology of Plants	Sem.II	3
	8. BIOL 2265	Fundamentals of Microbiology	Sem.II	3
	9. BIOL 2164	Principles of Molecular Biology		
PLUS One Biology (1) electives to replace BIOL 2360: (Tick Completed Courses)				
	10.		Sem. I/ II/ III	

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

MINOR IN BIOCHEMISTRY LEVEL II/III COURSES – 6 COURSES (15 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 2169	Practical Skills in Biochemistry II	Sem.II	1.5
PLUS two (2) additional courses taken from the following: (Tick Completed Courses)				
YEAR 3				
	5. BIOC 3062	Cellular and Molecular Defence Systems	Sem.I	3
	6. BIOC 2162	Circulatory and Secretory Systems	Sem.II	3
	7. BIOC 2262	Gene Expression	Sem.II	3
	1. BIOC 3262	Medical Biochemistry	Sem.II	3
	8. BIOC 3364	Biochemical Basis of Disease	Sem.II	3
PLUS 5 Level II/III 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

