

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

BSc. Biology with Specialisations

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 SPECIALISATION CREDITS	TOTAL
BSc. Biology with Specialisations	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 1062* Basic Chemistry for Life Sciences	Sem.I	3	* For students without a pass in CAPE Units I & II or GCE A' Level Chemistry or equivalent)
4.	BIOL 1362 Biochemistry I	Sem.II	3	
5.	BIOL 1364 Genetics I	Sem.II	3	
6.	MATH 1115* Fundamental Mathematics for the General Sciences I	Sem.I	3	* 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**

ELECTIVES			CREDITS	
7.		Sem. I/ II/ III	3	Students may use a total of 6 Co-curricular credits towards their Level I credits.
8.		Sem. I/ II/ III	3	

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS)

(Tick Completed Courses)

FOUNDATION COURSES - 3 COURSES (9 FOUNDATION CREDITS)			CREDITS	
	*Level I Foreign Language – (for new students 2023-024)	Sem. I/ II/ III	3	* For students who do not have a pass in a Foreign Language at CSEC/CAPE.
	OR			
	FOUN 1101 Caribbean Civilization	Sem. I/ II/ III	3	* For students who have a pass in a Foreign Language at CSEC/CAPE
	FOUN 1105 Scientific and Technical Writing	Sem. II/III	3	
	FOUN 1301 Law, Governance, Economy and Society	Sem. II/ III	3	

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

CORE COURSES - (Tick Completed Courses)			CREDITS
1.	BIOL 2061 Cell and Developmental Biology	Sem.I	3
2.	BIOL 2163 Biostatistics	Sem.I	3
3.	BIOL 2165 Genetics II	Sem.I	3
4.	BIOL 2262 Evolutionary Biology	Sem.I	3



5.	BIOL 2360	Biochemistry II A	Sem.I	3
6.	BIOL 2164	Principles of Molecular Biology	Sem.II	3
7.	BIOL 2265	Fundamentals of Microbiology	Sem.II	3
8.	BIOL 2464	Fundamentals of Ecology	Sem.II	3
9.	BIOL 2764	Physiology of Plants	Sem.II	3
10.	BIOL 2867	Physiology of Animals	Sem.II	3

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

SPECIALISATIONS

Students reading the BSc Biology with Specialisations must select two (2) specialisations.

In order to minimize timetable clashes, it is recommended that students pair the Specialisations as follows:

- Biotechnology and Microbiology
- Ecology and Environmental Biology and Marine Biology
- Plant Biology and either Biotechnology or Zoology
- Students can pursue different combinations but this may require more than three (3) years for the completion of the degree program.

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

SPECIALISATION – BIOTECHNOLOGY - (Tick Completed Courses)				CREDITS
1.	BIOL 3263	Introduction to Bioinformatics	Sem.I	3
2.	BIOL 3363	Medical Biotechnology	Sem.I	3
3.	BIOL 3369	Laboratory Skills in Biotechnology (Year-long)	Sem.I & II	3
4.	BIOL 3162	Principles of Microbial Biotechnology	Sem.II	3
5.	BIOL 3366	Plant Biotechnology and Genetic Engineering	Sem.II	3

SPECIALISATION – ECOLOGY & ENVIRONMENTAL BIOLOGY - (Tick Completed Courses)				CREDITS
1.	BIOL 3070	Caribbean Island Ecology and Biogeography	Sem.I	3
2.	BIOL 3468	Biodiversity and Conservation	Sem.I	3
3.	BIOL 3469	Research and Practical Skills in Environmental Biology	Sem.I	3
4.	BIOL 3462	The Ecology of Freshwaters	Sem.II	3
5.	BIOL 3465	Tropical Forest Ecology and Use	Sem.II	3

SPECIALISATION – MARINE BIOLOGY - (Tick Completed Courses)				CREDITS
1.	BIOL 3063	Marine Ecology and Oceanography	Sem.I	3
2.	BIOL 3970	Aquaculture	Sem.I	3
3.	BIOL 3466	Costal Ecosystem Management	Sem.II	3
4.	BIOL 3971	Fisheries Management	Sem.II	3
5.	BIOL 3409	Caribbean Coral Reefs	Sem.II	3

SPECIALISATION – MICROBIOLOGY - (Tick Completed Courses)				CREDITS
1.	BIOL 3960	Environmental Microbiology	Sem.I	3
2.	BIOL 3961	Principles of Medical Microbiology	Sem.I	3
3.	BIOL 3770	Plant Pathogens	Sem.I	3
4.	AGRI 3020	Food Microbiology	Sem.II	3
5.	BIOC 3500	Molecular Virology	Sem.II	3

SPECIALISATION – PLANT BIOLOGY - (Tick Completed Courses)				CREDITS
1.	BIOL 3771	Environmental Plant Physiology	Sem.I	3
2.	BIOL 3773	Plant Anatomy	Sem.I	3
3.	BIOL 3774	Research and Practical Skills in Plant Biology	Sem.I/II	3
4.	BIOL 3768	Plant Diversity and Systematics	Sem.II	3
5.	BIOL 3772	Plant Development	Sem.II	3

SPECIALISATION – ZOOLOGY - (Tick Completed Courses)				CREDITS
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	1. BIOL 3867	Biology of Animal Behaviour	Sem.I	3
	2. BIOL 3868	The Ecology of Humans	Sem.I	3
	3. BIOL 3866	Parasite Biology	Sem.II	3
	4. BIOL 3869	Zoology Project	Sem.II	3
	5. BIOL 3870	Insect Biology	Sem.II	3

