

DOUBLE MAJOR IN Zoology and Botany

CORE

BL12C	Cells, Molecular Biology & Genetics	(6 credits)
BL12B	Diversity of Organisms	(6 credits)
BL20J	General & Molecular Genetics	(4 credits)
BL20K	Evolution Biology	(4 credits)
BL20N	Ecology	(4 credits)
BL20P	Biometry	(4 credits)
BT21B	Seed Plants	(4 credits)
BT22A	Plant Physiology	(4 credits)
Z 20G	Functional Organization of Animals I	(4 credits)
Z 20H	Functional Organization of Animals II	(4 credits)

(32 level 2 credits)

ELECTIVES:

32 credits from Level 3 with no more than 16 credits from either the Environmental Biology or Experimental Biology Double Major syllabuses (q.v.).

REQUIREMENTS FOR THE AWARD OF A BSc DEGREE

In all instances, a degree is granted for successful completion of courses such that the student has obtained, at minimum, the following:

Level 1 Compulsory	24 credits
Level 2 and Level 3	60 credits
Level 1-3 (Additional)	8 credits
Foundation courses	9 credits

Total 101

SINGLE and DOUBLE MAJORS

A single major may be obtained by securing 32 credits in Level 2 and Level 3 courses from a single subject area e.g. Botany or Zoology.

N.B. A Double Major requires a total of 64 credits from Level 2 and Level 3.

(Taken from Faculty of Pure and Applied Sciences Regulations and Syllabuses.)

Summer courses also accepted for credit:

CM20A	Tropical Marine Invertebrate Zoology (4)
BL20L	Diving Technology for Aquatic Sciences (4)

Not all courses are available every year, and certain combinations of courses are limited by timetable constraints.



THE UNIVERSITY OF THE WEST INDIES MONA

DEPARTMENT OF LIFE SCIENCES
2007-2008

BSc GENERAL WITH MAJORS IN

BOTANY or ZOOLOGY

&

A DOUBLE MAJOR IN
BOTANY & ZOOLOGY

DEPARTMENT OF LIFE SCIENCES UWI, MONA

MAJOR IN ZOOLOGY

CORE

BL12C	Cells, Molecular Biology & Genetics	(6 credits)
BL12B	Diversity of Organisms	(6 credits)
BL20K	Evolutionary Biology	(4 credits)
BL20N	Ecology	(4 credits)
Z20G	Functional Organization of Animals I	(4 credits)
Z20H	Functional Organization of Animals II	(4 credits)

ELECTIVES:

8 credits from Advanced Level 'Z' courses **plus** 8 credits from Advanced Level 'Z' or 'BL' courses.

MINOR IN ZOOLOGY

Core listed above.

**2007-2008
UNDERGRADUATE COURSES
PART I**

PRELIMINARY LEVEL

BL05A	Preliminary Biology I	(6P credits)
BL05B	Preliminary Biology II	(6P credits)

LEVEL 1

BL12C	Cells, Molecular Biology & Genetics	(6 credits)
BL12B	Diversity of Organisms	(6 credits)

PART II

LEVEL 2

BL20J	General and Molecular Genetics	(4 credits)
BL20K	Evolutionary Biology	(4 credits)
BL20N	Ecology	(4 credits)
BL20P	Biometry	(4 credits)
BT21B	Seed Plants	(4 credits)
BT22A	Plant Physiology	(4 credits)
Z 20G	Functional Organization of Animals I	(4 credits)
Z 20H	Functional Organization of Animals II	(4 credits)
BL23D	Eukaryotic microorganisms	(4 credits)

LEVEL 3

*BL30M	Mycology	(4 credits)
*BL30K	Soil Biology	(4 credits)
BL31A	Coastal Management	(4 credits)
BL31E	Marine Ecology 1: Biological Oceanography	(4 credits)
BL31F	Marine Ecology 11: Benthic Communities	(4 credits)
BL31G	Coral Reef Biology	(4 credits)
BL33D	Freshwater Ecology	(4 credits)
BL38A	Virology	(4 credits)
BL39C	Research Project	(4 credits)
BL39D	Caribbean Biodiversity	(4 credits)
BL39E	Conservation Biology	(4 credits)
*BT31A	Phycology	(4 credits)
BT33A	Forest Ecology, Agroforestry and Sustainable Development	(4 credits)
BT33B	Medicinal and Economic Botany	(4 credits)
*BT34A	Principles of Plant Breeding	(4 credits)
BT37Q	Plant Health	(4 credits)
BT38B	Plant Biotechnology	(4 credits)
BT 38D	Principles of Horticulture	(4 credits)
*Z 30A	Sensory & Neuromuscular Physiology	(4 credits)
*Z 30B	Metabolic Physiology	(4 credits)
Z 30G	General Parasitology	(4 credits)
Z 30M	Immunology	(4 credits)
*Z 31B	Fisheries	(4 credits)
*Z 31C	Fish Biology	(4 credits)
Z 31F	Fisheries & Aquatic Technologies	(4 credits)
Z 32C	Insect Biology and Systematics	(4 credits)
Z 32G	Pest Management	(4 credits)

* Not offered in 2007/08 academic year

MAJOR IN BOTANY

CORE

BL12C	Cells, Molecular Biology & Genetics	(6 credits)
BL12B	Diversity of Organisms	(6 credits)
BL20J	General and Molecular Genetics	(4 credits)
BL20N	Ecology	(4 credits)
BT21B	Seed Plants	(4 credits)
BT22A	Plant Physiology	(4 credits)

ELECTIVES:

8 credits from Advanced Level 'BT' courses **plus** 8 credits from Advanced Level 'BT' or 'BL' courses.

MINOR IN BOTANY

Core listed above.