

## **Diploma in Science**

GISM offers Diploma in Science programme with five different major options for the students to choose. On successful completion with 120 credits, students will be awarded with Diploma in Science. This Diploma is an entry qualification to enter the second year of Massey University Bachelor of Science Degree pathway programme. This Diploma in Science programme provides you with solid, integrated, foundational knowledge in sciences to either proceed with higher levels of bioscience areas or work in related industry.

Leaders and influential thinkers around the world see the training, nurturing and appointment of well-qualified scientists and technologists as instrumental for the health of people and the environment and the prosperity of the country. Studying science will put you in sync with this thinking, and set you up to play a part in an exciting and prosperous future.

### **Study type:**

The course is studied full-time over a year and consists of a variety of teaching methods including lectures, tutorials, assignments and independent study.

Total credits the student can earn is 120 and, on successful completion, they can join the second year of the Bachelor of Science Degree in relevant major at Massey University in New Zealand. Those who are willing to stay in Sri Lanka, can obtain a Diploma in Biological Science. Paper details and credit entitled for each paper in Degree major pathways are specified in this document.

### **Entry requirements:**

Minimum three “C” passes at G.C.E (A/L) Examination or London (A/L) Examination, including Biology and Chemistry.

OR,

Minimum three “C” passes at G.C.E (A/L) Examination (Old Syllabus) including Biology and Chemistry.

OR,

GISM Foundation Programme (Successfully completed with B average)

AND

Selection by an interview.

**Diploma Pathways to Degree Majors are as follows:**

## **GISM Diploma in Science - Course Curriculum of First Year Papers (all majors)**

List of Papers offered

<b>GISM Campus</b>				
Serial No.	Module Code	Paper Code and Name	Credits	Module Type
Year One				
1	MBM.101	Science for Sustainability	15	Compulsory
2	MBM.111	Biostatistics and Bioethics	15	Compulsory
3	MBM.103	Fundamentals of Biophysics	15	Compulsory
4	MBM.102	Chemical Biology	15	Compulsory
5	MBN.102	Molecules and Cells	15	Compulsory
6	MBN.202	Biochemistry	15	Compulsory
7	MBM.104	Environmental Biology	15	Elective
8	MBN.101	Life on Earth	15	Elective
9	MBN.104	Introductory Physiology	15	Elective
10	CS.111	Programming Concepts	15	Elective
11	ELH.114	Academic Writing, Orientation and IELTS Preparation	-	

**Note:** In Module Code, the first number indicates the year in which it is done. Second is specific to the semester (0 - Semester one and 1 - Semester two), and the third indicates the module number. In the credit system, 1 credit is equivalent to 3 lecture hours or, 2 lecture hours and 2 practical hours or, 6 hours of practical. Thus, a 15 credit course has 30 hrs of theory and 30 hours of practical.

### **How to Join?**

1. Complete the enrolment form and provide with supporting documents.
  2. Sit for an online session with academic consultants.
  3. Congratulations on your selection proceed with our enrollment procedure.
- If you require more information, you can contact our counselors.

