

Certificate in Applied Statistics

Introduction

This programme is designed to cover the core principles and theories of Probability and Statistics, providing you with a strong foundation. We emphasize practical applications, enabling you to confidently apply statistical methods to real-world scenarios.

Admission Requirements

To be eligible for admission to the Certificate in Applied Statistics programme, a candidate should have one of the following:

06 passes at the G.C.E. (O/L) (SL/ UK) including at least “C” pass for Mathematics and English

Or

- Student who are with pending O/L results, may apply without the results sheet**
Or
- Any other equivalent qualification that is acceptable to the IASSL Executive Council.

** Stating the O/L index number on the application is compulsory. The final certificate for the completion will be issued for students ONLY upon submitting the O/L results sheet with at least “C” pass for Mathematics and English.

Course Units

Course Code	Course Name	Credits	Hrs
CAS 201	Mathematics for Statistics	2	20
CAS 202	Probability and Distribution Theory	2	20
CAS 103	Descriptive Statistics	1	10
CAS 104	Introduction to Inference	1	10
CAS 105	Introduction to Statistical Modelling	1	10
CAS 106	Basic in SPSS	1	10
CAS 107	Basic in R Programming	1	10
CAS 108	Basic in Python programming	1	10
		10	100

Examinations and Evaluation Procedures

Methods of Evaluation

The knowledge and skills of the student for a course will be assessed through

- Continuous assessments
- End Semester Examination

The content, nature, and weightage for each of these components will be in accordance with the Code of Procedures relating to the methods of evaluation as determined by the Executive Council upon the recommendation of the ATC.

Continuous Assessment

Marks obtained for mid-semester examinations/ tutorials/ spot tests/ practicals/ assignments/ quizzes/ reports/ presentations will be taken into account in the determination of the final grade, depending on the nature of each course.

End–Semester Examination

A course will be evaluated at the end of the corresponding semester, either by a theory paper, a practical examination, or both, depending on the nature of the unit. The duration of an end–semester theory examination will be as follows:

The duration of the end–semester practical examination of each course will be notified by the ATC with the approval of the Council at the beginning of each semester.

Grade Points and Grade Point Average (GPA)

Grade Point Average (GPA) is a numerical representation of a student’s overall academic achievement. The GPA is the quotient obtained by dividing the total number of grade points earned by the total number of credit hours in which a student receives a ‘letter’ grade. The Grade Point Average (GPA) will be computed using the grades earned for core courses and elective courses taken for credit.

Award of the Certificate in Applied Statistics

The award in respect of each student shall be recommended to the Executive Council by the Board of Examiners constituted as follows;

President/ IASSL,

Chairperson of the ATC, All Examiners,

The Secretary/ IASSL - (shall function as the Secretary to the Board of Examiners).

Other

Course duration: 4 Months

Course Fee: 40,000/-

(Discounts at the registration: 10% at the registration for full payments and 5000/- will be added for installments)

Installments: within 2 times as 25,000/ + 20,000/

Application Closing date: 30th September 2024

Commencement: Mid of October 2024

Delivery Mode: Online

Medium: English