



Higher Diploma in Applied Statistics 2024

Conducted by



Institute of Applied Statistics, Sri Lanka
(Incorporated by Parliament Act No. 38 of 2011)



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Higher Diploma in Applied Statistics (HDAS) Programme

General

The Higher Diploma in Applied Statistics is a one-academic year programme and equivalent to Level 2 of a B. Sc. Degree in Statistics. An academic year consists of two semesters and a semester consists of 20-24 weeks that may be spread over six calendar- months.

Admission Requirements

To eligible for the admission to the Higher Diploma Programme in Applied Statistics, a candidate should have one of the following:

- (i) Having the diploma in Applied Statistics conducted by the IASSL, or
- (ii) Complete the Level 1 of bachelor's degree with Statistics as a subject [This entails completing coursework covering probability, descriptive statistics, distribution theory, and inference.], or
- (iii) Secured an equivalent qualification acceptable to the Executive Council.

Exemptions

- (i) The Council upon the recommendation of the ATC, may grant specific credit exemptions in recognition qualification(s) obtained previously.
- (ii) The total credit exemptions so granted shall not exceed ten (10) credits out of the total of thirty (30) credits of the programme required for the award of the Diploma.
- (iii) The grade that shall be awarded for an exempted course unit should be grade C.

Examinations and Evaluation Procedures

Methods of Evaluation

The knowledge and skills of the student in a course unit will be assessed throughout the semester as well as at the end of each semester by means of

- Continuous assessments
- Evaluation of Reports, Submission of Dissertations and Presentations
- End of 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 Council upon the recommendation of the ATC.

Continuous Assessment

Marks obtained for mid semester examination/ tutorials/ spot test/ practical/ assignments/ quizzes/ reports/ presentations will be taken into account in the determination of the final grade, depending on the nature of each course unit.

End of Semester Examination

A Course unit will be evaluated at the end of corresponding semester either by a theory paper or a practical examination or both, depending on the nature of the unit.

The duration of each end of semester theory examination will be as follows:

- For a one credit unit : a minimum of one hour paper.
- For a two credit unit : a two-hour paper.
- For a unit of three credits : a two and half or three - hour paper.

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

Course Summary

Course Code	Course Title	Credits	Direct Contact Hours	Notional hours
SEMESTER 1				
HSTA1301	Design and Analysis of Experiments	3	45	150
HSTA1302	Statistical Quality Control	3	45	150
HSTA1303	Nominal and ordinal Logistics Regression	3	45	150
HSTA1204	Modeling Time Series Data	2	30	100
HSTA1205	Statistical Laboratory	2	30	100
HSTA1206	Research Methodology	2	30	100
Total [Semester I]		15	225	750
SEMESTER 2				
HSTA2301	Operational Research	3	45	150
HSTA2202	Modeling Categorical Data	2	30	100
HSTA2203	Medical Statistics	2 [E]	30	100
HSTA2204	Introduction to Data Mining	2 [E]	30	100
HSTA2105	Official Statistics	1	15	50
HSTA2306	Multivariate Data Analysis	3	45	150
HSTA2407	Project for Higher Diploma	4	60	200
Total [Semester II]		15	225	750
Total		30	450	1500
E – Electives; Students can select one course from STAT22203 and STAT22204 1 credit = 50 notional hours				

Evaluation

The evaluation of each course shall be based on within course and end of course examinations and assignments. The weightage of marks or the evaluation of the work will be based on the criteria given under each course unit. The pass mark for each course unit is 40 or C while the overall Grade Point Average (GPA) will be 2.0.

Other Information

Course Duration: 1 Year

Mode: Online

Commencement Date: 2nd week of June 2024

Course Fee: LKR.100,000/-

(Optional - 10% Discount for full payment at the registration, Installments Facility, Credit Card payments are allowed)

Application: <https://forms.gle/LZwZuj32LVsoyvi5A>

Deadline for Application: 25th May 2024

For any other assistance – 011 2 588 291/ appstatsl@gmail.com

