Programme: BSc Honours (Statistics)

BSc Honours (Statistics) is a bachelor's degree programme that revolves around Statistics and enhances problem-solving skills and mathematical comprehension essential for statistical analysis and tackling statistical problems. BSc Honours (Statistics) includes a detailed study of topics from Mathematics even. It is a 4-year programme.

A student pursuing BSc Honours (Statistics) can expect job positions like Statistician, Risk Analysis, Actuary Manager, etc., from companies like Cognizant, IBM, Infosys, etc.

BSc Honours (Statistics) broadly deals with the areas of Probability and Statistical Methods, Survey Sampling, Numerical Analysis, etc that is essential for statistical analysis and solving statistical problems. The course includes lectures, flying and simulation training, assignments etc., aimed at offering classroom, and practical training as well.

What is BSc Honours (Statistics)?

BSc Honours (Statistics) is a UG course allowing the students to understand, learn and use knowledge of statistics and mathematics to have a successful career. BSc Statistics emphasizes the areas of Probability and Statistical Methods, Survey Sampling, Numerical Analysis, etc

BSc Statistics plays a huge role in getting through the fields of risk assessment and management. Computer science and Mathematics are the two most important parts of the BSc Statistics course curriculum.

The demand for BSc Honours (Statistics) is growing rapidly and various national and international firms like Banks, Financial institutions, R&D firms, etc look for qualified graduates in this particular field.

Why Study BSc Honours (Statistics)?

There are numerous advantages of pursuing BSc Statistics out of which some are mentioned underneath:

- The students will get relevant skills like data analysis, observation of patterns, deduction of conclusions, etc.,
- BSc Statistics is the right course to develop problem-solving skills in an individual
- This course helps the students to use logical ways to formulate theories and apply the same to solve problems in the job sector.

- Students can explore various job roles in the industries like Banks, Financial institutions, R&D firms, etc.,
- Pursuing BSc Statistics makes a candidate eligible to earn an average salary within the range of INR 5 to 8 LPA.
- Some of the top recruiters of this field are Federal bank, Cognizant, IBM, UBS, L&T, Infosys, Wipro, Deloitte, Future First, HDFC Bank, Google, etc.

Who should study BSc Honours (Statistics)?

- Individuals who are curious to learn about new research, methods, and models where statistics are used in exciting and surprising new ways.
- Individuals wanting to change their career path can pursue Bsc. Statistics
- Biology students can also pursue BSc Statistics to record experimental data in laboratories.

BSc Honours (Statistics) Jobs

BSc Honours (Statistics) graduates can get decent placements within the same industry immediately after completing their studies. There are plenty of Statistics Jobs available in both the government and private sector. B.Sc Honours (Statistics) covers both the public and private sectors, there is a wide range of employment opportunities for aspirants after this course. A student pursuing a bachelor's degree in statistics can look forward to jobs such as statistician, risk analyst, actuarial manager, etc. The average salary ranges from INR 450,000 to INR 800,000 per year and increases with time and experience. B.Sc. Honours (Statistics) careers often pay well and are associated with high job satisfaction and a good work-life balance. Some of the top recruiters in this field include Google, Infosys, Wipro, Cognizant, Deloitte, Federal Bank, UBS, IBM, and HDFC Bank.

Job Profiles
The table below describes some of the BSc Statistics Jobs that can be considered by the BSc Statistics graduates, along with the Average Salary Scale:

Financial Analyst	They work in the accounts department within a company and their role includes preparing, managing and analysing accounting information.	8 LPA
Data Analyst	They are responsible for preparing every kind of data for a company and they collect, validate, transform, and present the collected information in a more presentable way.	7 LPA
Financial Accountant	They ensure that the operations of accounting and financial activities are being carried in the right way.	6 LPA
Analyst-Broking	They offer useful information to the stockbrokers, fund managers, stock market traders etc.	5.5 LPA
Credit Control	These professionals decide the capability of a creditor's eligibility	5 LPA

Executive	for loan and also looks after the debts of existing customers.	

Top Recruiters

Some of the popular companies hiring these graduates are:

Cognizant	IBM
UBS	Infosys
Wipro	Deloitte
HDFC Bank	Google

BSc Honours (Statistics) Scope

The demand for the BSc Statistics is growing rapidly and various national and international firms like Banks, Finance institutions, R&D firms, etc look for the qualified graduates in this particular field.

This sector is expected to create more than 20 Lakh jobs in the coming 5 years. So B.Sc. Statistics have emerged as one of the popular choices for those students planning to have a career in the Finance industry.

However, apart from making a career in any of the above fields, one can also opt for higher studies. Pursuing a Master's in Statistics and to take up Actuarial Science as a specialization by studying M.Sc Actuarial Science. Studying further in the same domain will increase the possibilities of an individual to earn well and get ample opportunities.

ISI, TIFR, IITs are some of the top institutions to help you carry out research in the same field.

B.Sc Honours (Statistics) Admission Process

Admissions to B.Sc Honours (Statistics) are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 35 seats. The remaining 15 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

B.Sc Honours (Statistics) Eligibility

Students who wish to pursue B.Sc Honours (Statistics) courses should fulfil the following eligibility criteria in order to get through colleges offering B.Sc Honours (Statistics) course,

- Students should clear class 12th board exams with Mathematics as one of the subjects.(MPC, MEC and MBiPC)
- They should clear their class 12th board exams from a recognized board

Proposed Minor courses

Data Science/Data Analytics