

List of Central Universities in India

	Name of University	University Website
	Assam University	http://assamuniversity.nic.in
	Babasaheb Bhimrao Ambedkar University	http://www.bbauindia.org
	Banaras Hindu University	http://www.bhu.ac.in
	University of Hyderabad	http://www.uohyd.ac.in
	Jawahar Lal Nehru University	http://www.jnu.ac.in
	The Indira Gandhi National Tribal University	http://igntu.nic.in
	University of Delhi	http://www.du.ac.in
	Manipur University	http://manipuruniv.ac.in
	Pondicherry University	http://www.pondiuni.edu.in
	Tripura University	http://tripurauniv.in
	University of Allahabad	http://universityofallahabad.co.in
	Central University of Rajasthan	http://www.curaj.ac.in

University - 1

Assam University, Silchar

**Assam
University,
Silchar, Assam**



Eligibility For MSc (Statistics)

BA/B.Sc. with at least 45% marks for honours course or 50% marks for pass course with Mathematics or Statistics as one of the main subject

Key Points:

- Duration of entrance is of one hour and of 50 marks and the exam is of objective type. The interview is of 25 marks.
- For final admission the weight age of marks allocated to qualifying exam, Written Test and Interview is 25:30:25 respectively.
- Candidates who have passed the graduation degree from any institute affiliated to Assam University, the weight age for qualifying exam is 30% marks.

Syllabus of M.Sc in Statistics Entrance Exam

Probability:

Conditional Probability

Unconditional Probability

Approaches to probability - Classical approach to probability, Relative frequency approach to probability, Richard Von Mises approach to probability, Cramer and Kolmogorov's approach to probability

Sample Space - Discrete sample space, Continuous sample space

Event - Operation of Event, Independent Events, Mutually Exclusive Events

Random Experiment

Trial

Baye's theorem and its application

Random Variables

Moment generating functions

Probability generating functions

Chesbyshev's inequality and its application

Distributions:

Uniform Distribution

Binomial Distribution

Poisson distribution

Geometric Distribution

Hyper-geometric Distribution

Continuous univariate distributions

Normal Distribution

Exponential Distribution

Gamma and Beta Distribution

Types of Data:

Qualitative and quantitative Data

Discrete and Continuous data

Primary and Secondary data

Presentation of Data

Construction

Diagrammatic

Graphical representation

Bar diagram

Ogive diagram

Histogram

Frequency Polygon

Types of Data:

Measures of central tendency

Dispersion

Relative Dispersion

Absolute Dispersion

Bivariate Data

Scatter diagram

Correlation coefficient

Rank correlation

Spearman's and Kendall's measures

Multivariate Data

Multiple correlations in three variables

Partial correlation in three variables

Regression lines

Regression coefficient

Principal of least squares

Analysis of Categorical Data

Sampling:

Random sample

Point estimate of a parameter

Concept of bias and standard error of an estimate

Tests of significance based on Chi- square

Testing for the mean and variance of Univariate

Sample tests:

Use of central limit theorem for testing and interval estimation

Fisher's Z transformation

Non- Parametric tests

Wilcoxon- Mann- Whitney test

Run- test

Median- test

Sample Surveys:

Concept of population and sampling

Census and sample survey

Sample selection

Sample size

Non-Sampling error

Simple random sampling

Stratified random sampling

Systematic sampling

Linear programming:

Elementary theory of convex sets

General linear programming problems (LPP)

Graphical and simplex method of solving LPP

Transportation Problems

Assignment problems

Introduction to computers:

Basic set of an electronic computer

CPU

Input devices

Output devices

Need of computers in statistics

Binary number system

Machine

Language

Basic commands to operate a computer

Demographic Methods:

Sources of demographic data

Measurement of mortality

Measurement of fertility

Economic statistics

Index number

Simple aggregative methods

Weighted average methods

Laspeyres's, Passche's and Fisher's index numbers

Time series Analysis:

Economic time series

General theory of control charts

Process control charts for variables (X, R and S Charts)

Control chart for attributes (np, p and c charts)

Hypothesis

Statistical hypothesis

Simple and composite hypothesis

Statistical hypothesis

Null and alternative hypothesis

Parameter models

Parameter space

Point Estimation

Interval estimation

Concepts of confidence interval and confidence

Assam University Reservation 2021

Sc	15%
ST	7.5%
OBC	27%
PWD	03%

Application Process of Assam University:

The university has provided the application process through **online mode**.

Application process for the course of master's degree has required to fill for five steps. Candidate should fill

personal details,

General information,

Examination Information,

Education Information,

and Declaration. to complete steps.

University - 2

BBAU:

Babasaheb Bhimrao Ambedkar University

Lucknow



Eligibility:

Graduation:

Must have completed graduation in statistics or Applied Statistics.

Category	Percentage
General	50%
PH	45%
SC	45%

Eligibility Criteria For Course

Name of the Course	Duration of Course	Eligibility
M.Sc. Statistics	2 Years (4 Semesters) Graduate	Degree with 50% marks (45%for SC/ST/PwD candidates) in Statistics or Applied Statistics

Application Fee :-

SC/ST/PH/Women Category	500/- (Per Courses)
Open Category (Including OBC and EWS)	1000/- (Per Course)

M.Sc.(Statistics) –

The Syllabus for the entrance test would be in consonance to what has been prescribed by the

UGC/ICAR/CSIR/ICMR/DBT/GPAT/GAT

E such central body for the National

Eligibility Test in the subject concerned.

Registration Open	27 May 2020
Closing of Online Application	10 August 2020
Starting date of correction window	13 August 2020
Last date of correction window	17 August 2020
Entrance Tests Centers	115 centres all across the country (Detailed Centers List Mention in Admission Brochure)

University - 3

Banaras Hindu University (BHU), Varanasi.



BHU M.Sc 2021 Marking Scheme

Response Type	Marking Scheme
Correct Answer	+3
Incorrect Answer	-1
No Answer/ Unanswered	0

M.Sc in Statistics and Technology

- There shall be one paper consisting of 150 questions carrying 450 marks.
- Time duration to complete the paper is 150 minutes.
- Out of 150 questions, 125 questions will be based on Statistics and 25 will be based on Statistical computing using high level programming language

UNIVERSITY -4

UNIVERSITY OF HYDERABAD (UOH)



M. Sc (STATISTICS)- OPERATION RESEARCH

Specialisation	Eligibility Criteria
Statistics	at least 55% aggregate in BA/ BSc (Hons) course in Maths/Statistics

Apart from this, the candidates should also clear a written entrance test + interview successfully for the admission.

The written test consists of objective type questions only.

University - 5

*JAWAHARLAL NEHRU UNIVERSITY -
[JNU], NEW DELHI
MASTER OF SCIENCE*



Name of programme	M.Sc. (Master of Science)
Duration	2 years
Type of course	Full time
Entrance Exam	JNU M.Sc. Entrance
Application Mode	Online
Admission Criteria	Entrance Test
Specializations	5 Life Sciences, Environmental Sciences, Physical Sciences, Computational and Integrative Sciences and Molecular Medicine
Basic Eligibility	Candidates must hold a Bachelor's degree under the 10+2+3 pattern of education with at least 55% marks
Official Website	https://www.jnu.ac.in/

JNU M.Sc Admission Guidelines

Candidates will have to appear for the Entrance Examination which shall be conducted by JNU in order to secure admission for M.Sc. course.

Candidates must fill the application form in order to participate.

University - 6

Indira Gandhi National Tribal University,
Amarkantak
Lalpur, Madhya Pradesh



Eligibility Criteria:

A Bachelor degree with Statistics /Mathematics / Computer Science as one of the subjects from a recognized Indian or foreign university (as per the AIU foreign equivalence list) having secured a minimum of 50% in aggregate in case of General and OBC categories and 45% in case of candidates belonging to SC/ST/PWD categories are eligible to apply.

Age

Maximum: 25 years

International students eligibility

International students must have valid TOEFL/IELTS Score

Other eligibility criteria

5 years relaxation in the age limit is given to SC/ST/PWD students.

Admission Process

Register and Apply

Interested candidates can apply online with the required information.

Merit Screening

Admission is based on the marks obtained in Graduation.

University - 7

DELHI UNIVERSITY - [DU], NEW DELHI

DELHI, DELHI NCR



DU PG Exam Pattern 2021

The DU PG entrance exam is conducted in offline mode (pen and paper).

There will be different exams for the different courses but the exam pattern will remain the same for all the Delhi University PG courses.

Duration of DU PG Entrance Exam 2021	2 Hours
Total Number of Questions	100 Marks
Marks Allotted for Each Right Answer	4 Marks
Negative Marking	1 Mark
DU PG Entrance Exam Syllabus	The syllabus for the DU PG Entrance Exam will vary from course to course.

DU PG Admission Reservation Criteria 2021

Check out the DU reservation for postgraduate courses in detail below:

- Other Backward Classes (OBC) - 27%
- Scheduled Caste (SC)- 15%
- ScheduledTribe (ST)- 7%

University - 8

Manipur University, Imphal



Eligibility

Qualification	Minimum Eligibility
Graduation	50%

Admission Process

Register and Apply
Interested candidates can apply online/offline with the required information.

Merit Screening

Admission is based on the score in admission test conducted by the university and Degree Examination record.

Selection parameters and weightages:

Specialisation	Eligibility Criteria
Statistics	at least 55% aggregate in BA/ BSc (Hons) course in Maths/Statistics

University - 9
Pondicherry University,
Amaravati



PONDICHERRY UNIVERSITY

पाण्डिच्येरी विश्वविद्यालय

புதுச்சேரி பல்கலைக்கழகம்



Qualification	Minimum Eligibility
Graduation	55%
University Entrance Examination	Offline Mode

Admission Process

Register and Apply

Interested candidates can apply online with required information

Entrance Test

Eligible candidates need to appear for the Common Entrance Test (CET) conducted by the university

Merit Screening

Admission is based on score obtained in Common Entrance Test (CET) conducted by the university

University - 10

TRIPURA UNIVERSITY (TU), Agartala



Admission Process

Entrance Test

Eligible candidates need to appear for the entrance test conducted by the University

Merit Screening

Admission is based on the marks obtained in entrance test conducted by the University

TUET 2020 Exam Pattern Highlights

Features	Details
Exam mode	Paper-based test mode
Exam duration	Two hours
Type of questions	Objective-type of questions
Test language	English for all papers except for language papers
Total questions	50 questions
Total marks	100 marks

University - 11

UNIVERSITY OF ALLAHABAD



Entrance Exam Pattern for MSc Statistics:

The students are chosen on the base of the **academic records, written exam** and the **personal interview**.

The exam paper is separated into 2 parts. People who pass the written exam will be notified about the interview.

Objective Type
Descriptive Type

Candidates who are applying for the **M.Sc Statistics** program should beforehand have their results from the respective Entrance Exams required by the selected/opted Universities.

Applications for admissions can be availed either from the University website or by visiting the Admissions Office of the same. Candidates will have to fill out the required details in a match with the existing documents.

Candidates are advised to have a look at the list of Entrance Exams applicable for **M.Sc Statistics**, for various Universities. Candidates should also make sure they qualify in the **Education Eligibility** criteria with the minimum required marks.

University - 11

CENTRAL UNIVERSITY OF RAJASTHAN - [CURAJ]



ELIGIBILITY CRITERIA

Aspirants seeking admission to the program must fulfill the following criteria:

Academic Requirement:

An undergraduate student having B.Sc./B.A. in Statistics/Mathematics with

1.1. Statistics as a subject for minimum of two years in annual system or

1.2. Have a minimum of 4 papers from core Statistics as prescribed in model curriculum of UGC in the semester system and should have a minimum of 50% marks in the graduation, provided that the candidate has 45% or equivalent grade for SC/ST/OBC/PWD/EWS candidates.

Events	Date
CUCET application form	Third week of March, 2021
CUCET application form ends	Fourth week of April, 2021
CUCET application correction	Fourth week of April, 2021
Release of admit card	Second week of May, 2021
CUCET 2021	Fourth week of May, 2021
Provisional CUCET answer key 2021	Fourth week of May, 2021
Objections against CUCET Answer key	Fourth week of May, 2021
Final CUCET answer key	First week of June, 2021
Result	Third week of June, 2021
CUCET 2021 merit list	Third week of June, 2021
Counseling of CUCET 2021	Fourth week of June, 2021

University - 12

Central University of Punjab



Qualification	Minimum Eligibility
Graduation	55%
University Entrance Examination	Offline Mode

Admission Process

Register and Apply

Interested candidates can apply online with required information

Entrance Test

Eligible candidates need to appear for the Common Entrance Test (CET) conducted by the university

Merit Screening

Admission is based on score obtained in Common Entrance Test (CET) conducted by the university



**THANK
YOU
AND
GOOD
LUCK!**