

ABOUT THE COURSE

Bachelor of Science (B.Sc.) is an undergraduate degree course usually of three years duration. It is one of the most popular course choices among Science students after Class 12th. Full form of B.Sc. is **Bachelor of Science** (*Baccalaureus Scientiae in Latin*)

The course is considered as a foundation course for students who want make their career in the field of Science. It is offered in a variety of Science subjects at a majority of universities in India. Some of the popular B.Sc. courses that students usually choose to pursue after Class 12th are B.Sc. Physics, B.Sc. Computer Science, B.Sc. Chemistry, B.Sc. Biology, B.Sc. Mathematics, and so on.

A B.Sc. course can be pursued as both a full-time or part-time course. Students can choose to pursue plain B.Sc. or B.Sc. (Honours). The course is most apt for students who have a strong interest and background in Science and Mathematics. The course is also beneficial for students who wish to pursue multi and inter-disciplinary science careers in future.

After the completion of a B.Sc. degree, candidates can opt to pursue Master of Science (M.Sc.) or even secure admission in a professional job-oriented course.

B.Sc. serves as a foundation for candidates who have a keen interest to build a career in the field of Science. Basic skills and traits that candidates should have to pursue a B.Sc. course are:

Skill set for B.Sc. Candidates	
Observation skills	Problem-solving skills
Analytical skills	Logical skills
Scientific skills	Research skills

B.Sc.: Job Profiles & Top Recruiters

Depending on their respective subjects, B.Sc. graduates can find jobs in various sectors such as educational institutes, healthcare industry, pharmaceuticals and biotechnology industry, chemical industry, research firms, testing laboratories, wastewater plants, oil industry, and the list continues. However, it is advisable that B.Sc. students first complete their M.Sc. degree and then look out for a job.

Given below are popular job profiles that B.Sc. graduates can take up after completing the course:

- **Research Scientist:** A research scientist is responsible for undertaking as well as analysing information obtained from laboratory-based experiments and investigations. A research scientist may work for government labs, specialist research organisations and environmental organisations.
- **Scientific Assistant:** A scientific assistant is a professional who provides complete support to the scientist in research. A scientific assistant is also responsible for performing and managing various administrative tasks.
- **Treasury Specialist:** A treasury specialist is responsible for helping organisations increase profitability by assessing their periodic liquidity needs and investing excess cash in capital markets.
- **Market Research Analyst:** A market research analyst researches and gathers data to help a company market its products or services. An analyst helps a company determine its position in the market by researching its competitors and analysing its sales, prices, etc.

- **Quality Control Manager:** A quality control manager ensures that products of a particular company meet set quality and efficiency standards. The manager plans, directs and coordinates quality assurance programmes and also formulates various quality control policies.
- **Statistician:** A statistician gathers different numerical data of a company and then displays it, thereby helping them to analyse quantitative data and spot trends.
- **Teacher:** A Science teacher is typically involved in tasks such as preparing lesson-plans, evaluating student performances and teaching through lectures and technology.
- **Technical Writer:** A technical writer writes articles and prepares instruction manuals and other supporting documents to communicate technical information easily.
- **Lab Chemist:** A lab chemist analyses chemicals and creates new compounds that are useful in different aspects of human life. Research and testing are two crucial job responsibilities of a lab chemist.
- **Commanding Officer:** Different level Officers posts in Defence, Navy, and Airway forces in Govt. of India.
- **Degree Level Officer:** A B.Sc. holder can apply any Degree level Officer posts in KPSC, KEA, UPSC etc...

List of Combinations:

1.	PHYSICS	CHEMISTRY	MATHEMATICS
2.	CHEMISTRY	BOTANY	ZOOLOGY
3.	PHYSICS	MATHEMATICS	ELECTRONICS
4.	PHYSICS	MATHEMATICS	COMPUTER SCIENCE
5.	PHYSICS	COMPUTERSCIENCE	DEFENCE & STRATEGIC STUDIES
6.	PHYSICS	MATHEMATICS	DEFENCE & STRATEGIC STUDIES