

Biochemistry

Biochemistry involves studying the chemistry of living things such as substances, compounds and processes. Biochemists combine the fields of microbiology, cell biology, genetics, chemistry, cell biology, and physics in their day-to-day work or experiments. They get into the most, minute characteristics of organisms, and their biological processes. They may be identifying the way in which DNA, which carries the genetic information, is transferred between cells and can be manipulated. Biochemistry finds application in clinical and forensic science and in the food and pharmacological industries. Biochemists are contributing to advances in a wide variety of areas, including health, agriculture and the environment. The screening of unborn babies for disease and investigation of possible cures for illnesses such as cancer and AIDS are possible due to progress in the biochemical understanding of disease.

Eligibility:

Science stream student's fresh out of 10+2 can opt for a B.Sc. in Biochemistry. At the Masters level, B.Sc. degree holders can go for an M.Sc in Biochemistry.

Career Prospects:

Biochemists may work in vaccine research, hormone production, virology or immunology; food science jobs; plant science jobs; or zoology jobs in areas from marine biology to entomology. They could be placed in industry, hospitals, forestry, agriculture, dietetics, research institutes, education and associated areas. They may work in pharmaceutical, food, brewing, biotechnology and agrochemical companies not just to develop new products but also to monitor the production, quality control and safety of existing ones.

Mass Communication and Journalism

Mass Communication and Journalism involves dissemination of information and media effects through reporting, writing, editing, photography, broadcasting or cable casting news items through the print (magazines & newspapers) or electronic (television & web) media.

Mass Communication/Journalism can be pursued either at the graduate level or at postgraduate level. For Bachelor in Journalism, the minimum requirement is 10+2 with any combination. The duration of journalism courses is generally three/four years.

Careers in Mass Communication:

- A journalist in print media
- PROs in Corporate and Government organizations
- Program producer, researcher, scriptwriter, Radio Jockey
- Newsreader, anchor, a reporter in television
- Camera and light operator. Production assistant in cinema
- Account executive media planner in advertising