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Career Options & Courses For Students Who Opted For Science In 12th

Let's look at the traditional and popular career options for science studeents after 12th

B.Tech/B.Engg: It is one of the most popular and preferred career options for science students. Most of the parents in India want their children to become an engineer. Every year around 15 lakh engineers graduate according to AICTE data.

B.Sc.: Bachelor of Science. Both PCM and PCB students can elect to join this 3-year program. You can specialize in different subjects like chemistry, physics, mathematics, computer science, biology, etc.

BCA: Bachelor of Computer Application is a 3-year program. As a career option, it is perfect for candidates who are looking to build a career in the world of Information Technology and Digital data.

B.Arch: A Bachelor's degree in Architecture is a five-year graduation course which gives them knowledge of the science behind the building, construction, interior and exterior designing. The students need to clear NATA (National Aptitude Test in Architecture) to get admission in the recognized architecture colleges.

New Age Career Options after 12th for Science with Math's students

In this era of technology, numerous new-age career options have emerged in the last decade.

- Artificial Intelligence & Machine Learning
- Data Analytics
- Big Data
- Data Science
- Ethical Hacking
- Robotics
- Aerospace
- Cyber Security
- Physicists & Teaching
- Block chain Engineer
- Game coder

Career Options for PCB/Medical Students

A common preconceived notion in a traditional Indian family is that if it is a boy then 'engineer' or if it is a girl then 'doctor'. After engineering the second most famous career path is Medical.

Students who have an interest in Biology or they want to become a doctor can choose this stream.

MBBS: Bachelor of Medicine & Bachelor of Surgery is one of the most popular education choices for people studying Biology. The five-and-a-half-year course prepares students for the rigorous demands of a doctor. The specializations you can choose from are many, and it is regarded as one of the most rewarding career paths. Many doctors had shifted from the field to focus on research and created path-breaking treatment options.

BDS: It is a 5-years Bachelor's degree in Dental Surgery. It is the initial choice of many students who want to become doctors minus the pressure of a surgeon

or doctor of medicine. Students who finish the course can choose to become dental surgeons.

B.Pharma: Bachelor in Pharmacy is another lucrative course for biology students. It's a 4-year course, and you can practise as a chemist after completion of the degree. B.Pharma students are preferred by Medical companies as Medical Representative with generous salary packages and other perks.

Paramedics: There are numerous other Paramedical programs as well, that student can pursue after 10+2. These courses are specialized programs that relatively take sub-specialization in a particular domain. Some of the famous paramedical courses are ECG technology, anaesthesia, lab technician, and others.

List of other career options you can opt-in Medical:

- BAMS(Ayurveda)
- BHMS(Homeopathy)
- Bachelor of Pharmacy
- Bachelor of Physiotherapy
- Nursing
- Biotechnology
- B.Sc (Botany, Zoology, Nursing, Radiography)
- Bachelor of Occupational Therapy
- Food and Agriculture Science
- Ecologist

New Age Career Options for Biology students

- Sports Physiotherapy
- Health care management
- Health tourism
- Dietician
- Biomedical engineering
- Biotechnologist
- Bioinformatics
- Neuroinformatics
- Cognitive Neuroscience

- Bachelor of Naturopathy & Yogic Science
- Environmental Science and Sustainable Development
- Optometry
- Audiology
- Clinical research
- Hospital Management

Career Options & Courses after 12th for Commerce students:

Commerce is also considered to be one of the most popular career options after 12th. The Class 12th students who study commerce will cover Economics, Accounts, Business Studies, and Mathematics.

B.Com: It is one of the most popular graduation programs for commerce candidates. Bachelor of Commerce is a 3-year course with an abundance of specializations like Financial Accountancy, Economics, Business Organisation, Business Statistics and others.

You have the option to choose either B.Com or B.Com (Hons) depending upon your 10+2 marks. More or less, both courses are alike, but B.Com (Hons) has a higher value given that the subjects are more complex.

BBA: Students who are interested in Business and Management can go for Bachelor of Business Administration. This program is the primary step for students who are considering doing a Masters in Management. It offers a great career opportunity for students as they get to know a lot about the dynamics of management and other issues related to business administration.

Charted Accountant: Charted Accountancy is one of the toughest course in the world, and students should be willing to work hard to become certified Chartered Accountants or Cost Accountants. After 10+2, you can study a

Fundamental Course of either Chartered Accountancy (Approved by ICAI, New Delhi) or Cost Accounting (Approved by ICWAI, Kolkata).

Company Secretary: Company Secretary is a course for students who are interested in pursuing the study of taxations from a financial and investment perspective. Students will gain knowledge and insights about company affairs and all its legal aspects. This program is conducted by the ICSI, New Delhi.

List of other traditional career options you can opt:

- BA (Hons) in economics
- BMS
- BCA(IT & Software)
- Bachelor in a foreign language
- Financial Analyst
- Banking
- Economist

New Age Options for Commerce Students After 12th:

- Risk Management Analyst
- Budget Analyst
- Actuarial Science
- CMA
- Auditing
- Tax Consulting
- Corporate Strategist
- Wealth Management
- Private Equity & Venture Capital
- Certified Financial Analyst
- Stockbroking
- Investment analyst

Career Options & Courses after 12th for Arts

A few years back, Arts was not acknowledged as a popular stream for students. But in this ever-evolving era, you can build a lucrative career from it.

There are numerous colleges in India with advanced faculties in Arts. The student has to choose wisely and study according to their choices.

Usually, students go for BA and BA (Hons). But, over the last few years, they have several other undergraduate courses as well that they can consider for their higher studies like BFA, BSW, BJMC, and B.Lib, etc.

BA or BA (Hons): Bachelor of Arts is still the most favorite course for art students. Candidates can get admission to BA with specialization in their desired subjects either through 10+2 marks or entrance exams conducted by colleges and universities.

BJMC: It is a perfect choice for students aspiring to join the journalism or media industry. It is a 3-year degree course offered by various colleges and universities worldwide.

Some of the famous Government colleges for Journalism and Mass Communication in India are IIMC (New Delhi), Delhi College (New Delhi), FTII (Pune), BHU (Varanasi), Jamia Milia University (Aligarh), and others.

Several other private universities and colleges are offering degree and diploma courses in Journalism like Amity University, HR college, etc.

Bachelor of Fine Arts (BFA): Creative minds that enjoy painting and drawing can opt for this course. It can be a stepping stone for careers in interior designing of homes, cars, hotels, buildings , etc.

List of traditional career options you can opt for:

- BMS- Bachelor of Management Science
- BFA- Bachelor of Fine Arts
- BEM- Bachelor of Event Management
- BBA
- BFD- Bachelor of Fashion Designing
- Animation & Multimedia
- BBS- Bachelor of Business Studies
- Bachelor of Performing Arts
- Sociology
- Psychology
- Photography
- Hotel/ Hospital Management
- Catering
- Travel and Tourism
- Fashion Design
- Interior Design
- Communication Design
- Culinary Arts
- Journalism
- Animation
- Event Management
- Retail and Fashion Merchandise
- Teacher Training
- Photography
- textile Designing
- Sculpture

- Acting
- Air Hostess
- Artistic-Basic Jewelry Design

New Age Career Options for Arts Students

- Liberal arts
- Sound design
- App Design
- Graphical design
- Visual merchandiser
- Content writer
- Social Media Management
- Fashion Styling
- Radio Jockey

These were the list of new-age career options. The list is long and it is not meant to confuse you, rather educate you with a career path. There are many more career options available.

Other Undergraduate Courses

There are various other undergraduate programs as well that you can study after 10+2. Admission to these courses is usually via entrance examination or Board examination marks.

LLB(Law): Students can take admission into BA/ BCom (LLB) after passing +2. It's a 5-year integrated course.

Animation and Graphic Designing: With the elevation in the internet and digital space, the demand for IT professionals is also increasing day by day. There are various short and long-term degrees and a diploma in Animation and Graphic design.

Travel and Tourism: BA in travel and tourism is a 3-year degree course for students who love traveling and have relentless interest in hospitality and meeting new people.