



# PATH



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Charting Your Path to Success:  
A Comprehensive Career  
Handbook for Illuminating  
Students' Next Steps



NSS SGSITS

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# GENERAL QUESTIONS

1. How do I help my child to choose the right career option after school?

Identifying the Aptitude, Personality, and Interest(API) of the child is the key. His/Her comfort in particular subjects at grade 9 and 10 level and further at grade 11 & 12 levels shall help us understand his/her aptitude. Observing the child while being engaged in different activities will give us an insight into his/her personality. Activities that really interest him/her will show us his/her interest area. By aligning these three aspects, we can help him/her choose the right stream. You can also get help from an Expert Career Counsellor.

2. What are different Career options after the 10th?

In the Indian education system, there are only 4 streams available after 10th . The child can choose to take Science A-Group(Physics, Chemistry, Mathematics), Science B-Group (Physics, Chemistry, Biology), Commerce Group (Accounts, Statistics, Economics, Business studies), or Arts/Humanities Group(History, Geography, Psychology, Political Science).

3. What Are The Different Career Options Available After 12th?

- a. For Pure Stream Degree in Science A-(Physics, Chemistry, Mathematics)
- b. For Pure Stream Degrees in Science B-(Physics, Chemistry, Biology)
- c. For Pure Stream Degrees in Commerce
- d. For Pure Stream Degrees in Arts/Humanities.
- e. For General Degrees open to any stream of 11/12

4. My Child is not good at math, will a lot of streams get closed for him if he leaves Maths

after 10th ?

No, for all the general degrees open to any stream, no mathematics is required in grades 11/12.

Also, he/she shall not beat loss in any general stream.

5. We want our child to join a family Business. Which course is most suitable for Him/her?

The course in which he/she has the best interest wavering mind is the most suitable course. Pushing the child into a degree program matching your family business may not be the right thing to do. Rather give him/her a course of his/her interest which will make the child bright. Subsequently, he/she will be in a position to take your business forward.



# SCIENCE

## PHYSICS, CHEMISTRY AND MATHS

### INTRODUCTION

- Math is a discipline that deals with the study of numbers, quantities, and shapes, and their relationships and operations.
- It involves a wide range of topics such as arithmetic, algebra, geometry, trigonometry, calculus, and statistics, and is used extensively in fields such as science, engineering, finance, and economics.
- Math provides a systematic way to solve problems and make logical deductions based on rules and principles, and is essential for understanding the natural world and modern technological advancements.

### WHO SHOULD CHOOSE MATH ?

- Anyone who enjoys problem-solving and logical thinking may find math to be a fulfilling subject.
- Students who plan to pursue careers in fields such as engineering, computer science, physics, or finance will likely need a strong foundation in math.
- Math can help develop critical thinking skills that are useful in many areas of life, such as decision-making and evaluating evidence.
- For students who struggle with math, persevering and seeking help can help develop resilience and perseverance.
- Choosing math as a subject can broaden one's horizons and deepen one's understanding of the world around us.
- Math is a subject that can be challenging, but with hard work and dedication, anyone can improve their



### SUBJECTS

PCM is a combination of subjects a student can take in class 11 and 12 which must include Physics, Chemistry and Mathematics.

#### PHYSICS

Physics is the natural science of matter, involving the study of matter, its fundamental constituents, its motion and behavior through space and time, and the related entities of energy and force. Physics is one of the most fundamental scientific disciplines, with its main goal being to understand how the universe behaves.

#### CHEMISTRY

Chemistry is the scientific study of the properties and behavior of matter. It is a physical science under natural sciences that covers the elements that make up matter to the compounds made of atoms, molecules and ions: their composition, structure, properties, behavior and the changes they undergo during a reaction with other substances. Chemistry also addresses the nature of chemical bonds in chemical compounds.

#### MATHEMATICS

Mathematics is an area of knowledge that includes the topics of numbers, formulas and related structures, shapes and the spaces in which they are contained, and quantities and their changes. These topics are represented in modern mathematics with the major subdisciplines of number theory, algebra, geometry, and analysis, respectively. There is no general consensus among mathematicians about a common definition for their academic discipline.

## TOP UG COURSES AFTER 12th

There are several UG courses you can do after 12th .

These courses are as follows:

- Engineering (B.E./Btech)
- B.Arch or Bachelor of Planning and Design
- BCA
- B.SC.
- Defense(Navy,Army,Air force)
- LLB
- B.Ed
- Travel and Tourism
- Environmental Science
- Hotel management
- Designing courses
- Fashion Technology
- Media/Journalism
- Film/Television courses
- CA Program
- ICWA Program
- CS Program
- Dual Degree Programs in Engineering (Btech+Mtech)
- Technical Entry in Indian Army
- B.Sc. in Aviation, Forensic Science, Nautical Science
- Commercial Pilot license
- Bachelors in Animation and graphic design

### Engineering(B.E./Btech)

Bachelor of Technology (B.Tech) is an undergraduate academic degree awarded for a course or program in the fields of engineering, technology, and computer science. It is typically a four-year program.

### EXAMS YOU CAN GIVE TO GET INTO THE ENGINEERING COLLEGES

- JEE Main - <https://jeemain.nta.nic.in/>
- JEE Advanced - <https://www.jeeadv.ac.in/>
- WBJEE - <https://wbjeeb.in/wbjee>
- KCET - <https://cetonline.karnataka.gov.in/kea>
- MHT-CET - <http://cetcell.mahacet.org/>
- GUJCET - <https://ctet.co.in/gujcet-2023/>
- UPSEE - <https://ctet.co.in/upsee-application-form/>
- COMEDK - <https://www.comedk.org/>
- BITSAT - <https://www.bitsadmission.com/bitsatmain.aspx>
- EAMCET - <https://eamcet.tsche.ac.in/>

## TOP ENGINEERING COLLEGES IN INDIA

1. Indian Institute of Technology (IIT) Bombay
2. Indian Institute of Technology (IIT) Delhi
3. Indian Institute of Technology (IIT) Madras
4. Indian Institute of Technology (IIT) Kanpur
5. Indian Institute of Technology (IIT) Kharagpur

## FUTURE JOB OPPORTUNITIES

1. Automation Engineer
2. Aerospace Engineer
3. Data Scientist
4. Robotics Engineer
5. Electrical Engineer
6. Structural Engineer
7. Mechanical Engineer
8. Civil Engineer
9. Software Engineer
10. Network Engineer

### 2)B.Arch .

Bachelor of Architecture is a five-year undergraduate program that has a blend of both theoretical and practical knowledge. The course teaches students the art of planning, designing and constructing using appropriate techniques and principles.

### EXAMS YOU CAN GIVE TO GET INTO THE B.ARCH COLLEGES

- JEE Main - <https://jeemain.nta.nic.in/>
- JEE Advanced AAT - <https://www.jeeadv.ac.in/>
- NATA – <https://www.nata.in/>
- CEED – <https://www.ceed.iitb.ac.in/2023/>

## TOP B.ARCH. COLLEGES IN INDIA

- Department of Architecture and Planning, Indian Institute of Technology (IIT) Roorkee
- School of Planning and Architecture (SPA), New Delhi
- Chandigarh College of Architecture (CCA), Chandigarh
- School of Architecture and Planning, Anna University, Chennai
- Indian Institute of Technology (IIT) Kharagpur

## FUTURE JOB OPPORTUNITIES

- Architectural Project Manager
- Architectural Designer
- Building Inspector
- CAD Drafter
- Construction Project Manager
- Landscape Architect
- Sustainability Consultant
- Urban Planner
- Building Surveyor
- Building Conservationist
- Historic Preservationist
- Restoration Architect
- Technical Illustrator
- Interior Designer
- Facilities Manager
- Construction Manager
- Construction Estimator
- Real Estate Developer
- Building Contractor
- Housing Developer

## BCA

The Bachelor of Computer Applications (BCA) is a three-year undergraduate degree course in computer applications. The course is designed to give a comprehensive knowledge of various aspects related to computer applications and its related field applications to solve real life problems.

## EXAMS YOU CAN GIVE TO GET INTO BCA COLLEGES

- KIITEE - <https://kiitee.kiit.ac.in/>
- IPU CET - <http://www.ipu.ac.in/admission2022cetmain.php>
- SHIATS - <https://ctet.co.in/shiats/>
- IUET - <https://iuet.net/>
- DSAT - <https://www.dsu.edu.in/dsat/>
- SUAT - <https://suat.sharda.ac.in/>
- SAJEE - <https://saitm.ac.in/sajee/>

## TOP BCA COLLEGES IN INDIA:

- Christ University, Bangalore
- Symbiosis Institute of Computer Studies & Research (SICSR), Pune
- St. Xavier's College, Kolkata

## FUTURE JOB OPPORTUNITIES:

- Business Systems Analyst
- Database Administrator
- Network Systems Engineer
- Computer Programmer
- Web Developer
- Network Security Administrator
- Technical Support Engineer
- Cyber Security Analyst
- Mobile Application Developer
- Cloud Solutions Architect

## B.SC.

B.Sc. stands for Bachelor of Science. It is an undergraduate academic degree awarded for completed courses that generally last three to five years, or a person holding such a degree. Common areas of study for B.Sc. programs include biology, chemistry, physics, mathematics, computer science, and engineering.

## EXAMS YOU CAN GIVE TO GET INTO B.SC. COLLEGES:

- UGAT - <https://ntaexam.net/ugat-2023/>
- BHU UET - <http://bhuonline.in/>
- CUCET - <https://cuet.nta.nic.in/>
- ICAR-AIEEA - <https://icar.nta.nic.in/>
- TIFR GS - <http://univ.tifr.res.in/admissions/>
- IISER - <https://www.iiserpune.ac.in/>
- AMU - <https://www.amu.ac.in/>
- GGSIPU CET - <http://www.ipu.ac.in/>
- NEST - <https://nestexam.in/>

## TOP B.SC. COLLEGES IN INDIA:

- St. Stephen's College, Delhi
- Loyola College, Chennai
- Fergusson College, Pune
- Presidency College, Chennai

## FUTURE JOB OPPORTUNITIES:

- Research Scientist
- Data Analyst
- Lab Technician
- Research Scientist
- Data Analyst

- Lab Technician
- Environmental Scientist
- Medical Laboratory Technician
- Quality Control Technician

## B.ED:

B.Ed is a Bachelor of Education degree, which is an undergraduate course. It is an educational degree that prepares students to teach at the primary, secondary and higher secondary level. The duration of the course is two years and it is offered by various universities and colleges in India.

## EXAMS YOU CAN GIVE TO GET INTO TEACHING COLLEGES:

DU B.Ed Entrance Exam- <http://www.doe.du.ac.in/>  
 IGNOU B.Ed Entrance Exam-

<http://www.ignou.ac.in/>

BHU UET- <https://bhuet.nta.nic.in/>

IPU CET- <http://www.ipu.ac.in/>

HPU B.Ed- <https://hpuniv.ac.in/>

MAH B.Ed CET-

<https://bedcet2022.mahacet.org/StaticPages/HomePage>

## TOP B.ED. COLLEGES IN INDIA

<https://www.shiksha.com/teaching-education/colleges/b-ed-colleges-india>

## FUTURE JOB OPPORTUNITIES :

- Teacher
- Education Consultant
- School Administrator
- Education Program Manager
- Education Researcher
- Professor
- Education Technologist
- Education Policy Analyst

## DIPLOMA COURSES

Diploma in Computer Technology

Diploma in Computer Engineering

Diploma in IT

Diploma in Computer Science

- Diploma/Certificate in Digital Marketing
- Diploma in Software Engineering
- Diploma in Computer Hardware Technology
- Diploma in Computer Science and Engineering
- Diploma in Data Science Diploma in Nautical Science or Marine
- Diploma in Nutrition and Dietetics
- Diploma in Textile Designing
- Diploma in web designing
- Diploma in Fashion Designing
- Diploma in Civil Engineering
- Diploma in Information Technology
- Diploma in Drawing and Painting
- Diploma in Dress Designing

## PG COURSES

- M.Arch
- MCA (Master in Computer Application)
- MBA (Master in Business Administration)
- M.Ed
- M.Tech Biotechnology
- M.Tech Mechanical Engineering
- M.Tech Civil Engineering
- M.Tech Chemical Engineering
- M.Tech Information Technology
- M.Tech Genetic Engineering
- M.Sc in Robotics
- M.Tech Aeronautical Engineering
- M.Tech Automobile Engineering
- M.Des Industrial Design/ Vehicle Design
- M.SC in Applied Mathematics
- M.Tech Industrial Engineering
- M.Sc in Hotel Management
- M.Tech Mining Engineering
- M.Tech Electronics
- M.Sc Physics
- M.Sc Chemists
- M.Sc Maths
- M.Sc Aviation
- M.Sc Home Science
- M.Sc in MathematicsM.Sc in Statistics
- M.Sc in Data Science/ Data Analytics
- M.Sc in Economics
- M.Sc in Finance
- M.Tech Electronics and Communication Engineering

- M.Des Product Design
- Bachelor of Fashion Technology
- M.Tech Instrumentation and Control Engineering
- M.Planning

## PHD COURSES



## JOB PROFILES

- Engineer
- Architect
- Commercial Pilot
- Forensic Scientist
- Statistician
- Defence Officer
- Physicist

## SCHOLARSHIPS

Mukhyamantri Medhavi Vidyarthi Yojana (MMVY),  
Madhya Pradesh

Mukhya Mantri Jan Kalyan Yojana (MMJ KY),  
Madhya Pradesh

Post Matric Scholarship Scheme for OBC Students,  
Madhya Pradesh

Post Matric Scholarship Scheme for SC Students,  
Madhya Pradesh



# PHYSICS, CHEMISTRY AND BIOLOGY

## INTRODUCTION

- Biology is a branch of science that deals with the study of living organisms, including plants, animals, and microorganisms.
- Biological systems are complex: Biological systems are made up of a vast number of interconnected components, from molecules to organs and even entire ecosystems.
- This field of study aims to understand the structure, function, behavior, and evolution of living organism.

## WHO SHOULD CHOOSE BIOLOGY

- Individuals who are fascinated by the complexity and diversity of living organisms may be drawn to biology.
- Those interested in healthcare careers, such as doctors, nurses, or physical therapists, will benefit from studying biology.
- Environmentalists and conservationists may choose biology as a means to understand and preserve the natural world.
- Individuals interested in research and innovation may pursue biology to contribute to the advancement of scientific knowledge.
- Students interested in pursuing careers in agriculture or food production can benefit from studying biology.

## SUBJECTS

### BIOLOGY

- Structural Organization in Animals and Plants
- Reproduction
- Biology and Human Welfare
- Ecology and Environment
- Biotechnology & Its Applications
- Human Physiology



### PHYSICS

- Laws of motion
- Gravitation
- Thermodynamics
- Oscillation
- Electromagnetic Waves
- Electromagnetic Induction
- Optics
- Kinetic Theory

### CHEMISTRY

- Structure of atom
- Basics of chemistry
- Redox reaction
- Surface chemistry
- Chemical Kinetics
- Organic Chemistry

## TOP UG COURSES AFTER 12TH

### MBBS (BACHELOR OF MEDICINE AND BACHELOR OF SURGERY)

- ABOUT: Professional course for students who want to become doctors, detect diseases, prescribe medications and conduct surgery.
- ELIGIBILITY: 10+2 with minimum 50% marks
- COURSE DURATION: 5.5 years
- ADMISSION PROCEDURE: NEET  
<https://neet.nta.nic.in/>

## **BHMS (BACHELOR OF HOMEOPATHIC MEDICINE AND SURGERY)**

- ABOUT: Provides in-depth education on the homeopathic treatment of diseases.
- ELIGIBILITY: 10+2 with a minimum 50% in PCB
- COURSE DURATION: 5.5 years
- ADMISSION PROCEDURE: NEET  
<https://neet.nta.nic.in/>

## **BAMS(BACHELOR OF AYURVEDIC MEDICINE AND SURGERY)**

- ABOUT: Course deals with the integrated concept of modern medical science and traditional medicines,i.e. Ayurveda.
- ELIGIBILITY: 10+2 with minimum 50% in PCB
- COURSE DURATION: 5.5 years
- ADMISSION PROCEDURE: NEET  
<https://neet.nta.nic.in/>

## **BDS (BACHELOR OF DENTAL SURGERY)**

- ABOUT: Program in the dental field.
- ELIGIBILITY: 10+2 with minimum 50% in PCB
- COURSE DURATION: 5.5 years
- ADMISSION PROCEDURE: NEET  
<https://neet.nta.nic.in/>

## **BPT (BACHELOR OF PHYSIOTHERAPY)**

- ABOUT: Deals with the physical movement and helps people increase, maintain or restore their physical mobility, function and strength.
- ELIGIBILITY: 10+2 with minimum 50% in PCB
- COURSE DURATION: 4.5 years

## **B PHARM (BACHELOR OF PHARMACY)**

- ABOUT: BPharm is an undergraduate academic degree course in the field of pharmacy that involves the study of drugs and medicines, their

- composition, preparation, usage, and effects on the human body. BPharm graduates can pursue careers in various areas such as drug research and development, quality control and assurance, clinical research, drug regulatory affairs, community pharmacy, hospital pharmacy, and academic research.
- ELIGIBILITY: 10+2 with minimum 50% in PCB/PCM
- COURSE DURATION: 4 years

## **BUMS(BACHELOR OF MEDICINE AND SURGERY)**

- ABOUT: The course covers all the aspects of medicine which include the study of principles of medicine, diagnostics, therapeutics, material medica, pharmacology, repertory, toxicology, etc.
- ELIGIBILITY: 10+2 with minimum 50% in PCB
- COURSE DURATION: 5.5 years
- ADMISSION PROCEDURE: NEET  
<https://neet.nta.nic.in/>

## **D PHARMA[FOR LATERAL ENTRY]**

- COURSE DURATION: 4 years
  - ADMISSION EXAMS: Merit And Entrance Examinations
1. WBJEE: <https://wbjeeb.nic.in/>
  2. GUJCET: <https://gujcet.gseb.org/>
  3. BITSAT: <https://www.bitsadmission.com/>
  4. MHT-CET: <http://cetcell.mahacet.org/>
  5. UPCET: <https://upcet.nta.nic.in/>
  6. TS EAMCET: <https://tseamcet.nic.in/>

## **DIPLOMA COURSES**

- Diploma in Physiotherapy Diploma in Yoga
- Diploma in Nursing
- Diploma in Environmental Science
- Diploma in Elementary Education
- Diploma in Pharma
- Diploma in Hotel Management
- Diploma in Fashion Communication
- Diploma in Agriculture
- Diploma in Digital Marketing

## PG COURSES

- MS in general surgery
- MS in ophthalmology
- MD in forensic medicine
- MS in ENT (Ear Nose Throat MD in aerospace medicine
- MD in anatomy
- MD in obstetrics and gynecology
- MS in orthopedics
- MD in general medicine
- MD in dermatology, venerology and leprosy
- MD in pediatrics
- MD in radiology
- MBA in Health care Management
- M Pharma
- M.Sc. Nursing
- M.Sc. Operation Theatre Technology
- M.Sc. Dental Hygiene
- M.Sc. Dental Operating Room Assistant
- Master of Veterinary Sciences
- M.Tech. Textile Chemistry
- M.Tech. Genetic Engineering
- M.Tech. in Chemical Engineering
- Master of Pharmacy
- M.Sc. Marine Biology
- M.Sc. in Nutritional Biology
- Master in Physiotherapy
- M.Sc. Toxicology
- M.Sc. Zoology
- Masters in Botany
- M.Sc. Medical Technology in Radiography

## PHD COURSES

- PhD in Health Care.
- PhD in Medical Studies.
- PhD in Pharmaceutical Medicine.
- PhD in Nursing Studies.
- PhD in Biomedical Studies.
- PhD in Alternative Medicine.
- PhD in Global Healthcare.
- PhD in Mental Healthcare.
- PhD in Biopharmaceutical Sciences
- PhD in Medicinal Chemistry
- PhD in Pharmacognosy

## JOB PROFILES

- Lecturer or Professor
- Food Researcher Scientist

- Consultants
- Epidemiologist
- Educator in a Museum
- Biotech Engineer
- Pharmaceutical Engineer
- Food Processing
- Researcher
- Immunologist
- Biophysicist
- Nutritionist
- Laboratory technician
- Content Developer for biology
- Anatomical pathology technologist
- Clinical scientist, genomics
- Dental therapist
- Dentist
- Fisheries officer
- Forensic scientist
- Genetic counselor

## TOP COLLEGES

- AIIMS – All India Institute Of Medical Science, New Delhi
- CMC- Christian Medical College, Vellore
- BHU- Banaras Hindu University, Varanasi
- KMC-Kasturba Medical College, Manipal
- JIPMER-Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry

## SCHOLARSHIPS

- Central Sector Scheme Of Scholarship For College And University Students, Govt Of India
- Kishor Vaigyanik Protsahan Yojana (KVPY), Govt Of India
- NEC Merit Scholarship, North Eastern Council
- Mukhyamantri Medhavi Vidyarthi Yojana (MMVY), Madhya Pradesh
- Kotak Kanya Scholarship

## EXAMS FOR STUDENTS IN 10TH

- National talent search examination (NTSE)-  
<https://ncert.nic.in/national-talent-examination.php>
- National science Olympiad (NSO)-  
<https://sofworld.org/nsa>

- National level science talent search examination (NSTSE)- <https://www.unifiedcouncil.com/about-nstse.html>
- SCHOLASTIC APTITUDE TEST(SAT)- <https://collegereadiness.collegeboard.org/sat/>
- National cyber Olympiad (NCO)- <https://sofworld.org/nco>
- International Maths Olympiad- [https://www.imo-official.org/year\\_info.aspx?year=2022](https://www.imo-official.org/year_info.aspx?year=2022)
- National Biotechnology Olympiad
- International English Olympiad- <https://sofworld.org/ieo>
- Indian National Olympiad- <https://www.iapt.org.in/89-exams/2435-ino.html>
- International Earth Science Olympiad

Q.5 Which course after 12th has the highest salary?  
 Ans. The following courses after 12th PCM+PCB yields maximum returns after its completion:  
 Medicine: MBBS  
 Engineering and Technology: BTech/BE  
 BSc Information Technology  
 BSc Computer Science  
 Bachelor of Pharmacy  
 Alternative Medicine Courses: BHMS, BAMS,  
 Naturopathy Courses  
 BSc in Nursing

## FREQUENTLY ASKED QUESTIONS

1. Which is the best PCM or PCB?

Ans: If you want a quick response, take PCB if you intend to pursue medicine when you finish high school. If you want to get into engineering after high school, take PCM. If you are unsure about what you want to study, take both (PCMB). If you want to take courses in fundamental sciences, you can pick your subjects accordingly.

2. Can PCB students do an MBA?

Ans: They certainly can! Because the MBA is a postgraduate degree, you must first complete your undergraduate studies.

3.What are the various career options other than engineering for PCM students?

Ans: The students are not restricted to engineering. Career Options after 12th Science PCM Other than Engineering are plenty. You can work in a merchant navy, defense, data scientist, aviation, etc.

Q.4 What can a PCB student become?

Ans. Clinical researchers, research scientists, lab technicians, quality control inspectors, health sector officials, and other general work possibilities are available. There are several subdivisions, providing numerous alternatives. The study of animal anatomy is referred to as zoology.



# AGRICULTURE

## INTRODUCTION

- Agriculture plays a very useful role in grading up the Indian economy. Nowadays candidates from all over the world are using agriculture as their career prospect because it is a significant source of providing the most desirable jobs and industries all over the world.
- In agricultural courses, students learn how to use technology to enhance agricultural production and the basic concepts of agriculture. There are several areas covered by it, including dairy, horticulture, plant science, food science, and food technology. Many students from an engineering background choose to study Agricultural Engineering today since it has gained a good reputation.
- It will give an ocean of opportunity as well as challenges. We know the living and working conditions of farmers, thus agriculture students could take this huge and humble opportunity to improve the lifeline of the Indian economy.

## WHO SHOULD TAKE AGRICULTURE?

- Agriculture is ideal choice for all those individuals who have passion for forming and those who are concerned about problems of agriculture, It won't be suitable for you if you want to grab high packages and salaries as agriculture provides decent salaries to its job aspirant. To gain money especially in the agriculture field, entrepreneurship is a better choice. Passion to improve village and farmers live: farmer suicide rate is a sad reality of India, one could solve the problems of farmers by opting agriculture.

- Passion for agriculture: To succeed in agriculture, one needs to have a deep passion for farming and a genuine interest in the field. A genuine love for nature and plants is essential as agriculture requires working with the environment and the land .
- Love of the outdoors and concern for the environment: Agriculture work involves long hours in the sun and rain, sometimes in remote areas. An individual with a love for the outdoors, nature and fresh air, and willingness to work in various weather conditions can do well in this field.

## SUBJECTS

In class 11, agriculture could be taken with a science stream.

Most school offer ABC (agri, bio, chem) and PCA (physics, chem, agri)

Some schools also allow agriculture as optional with commerce and math.

Topics you will study are:- Physical Environment, Agriculture Economics and Crop Production, Genetics, Plant Breeding and Microbiology, Livestock Production, Bio-Waste Management and Government Schemes, Scope and Importance.

For agriculture engineering you will be required to study math in +2, and you will study subjects of engineering and designing agriculture machinery. You will also study math and commerce in agriculture management-based courses, else agriculture is mostly science based.

## TOP UG COURSES AFTER 12TH

### BSC AGRICULTURE(HONS)

BSc Agriculture is a 4-year undergraduate course that primarily focuses on research and practices in agricultural science, dealing with disciplines like Genetics and Plant Breeding, Agricultural Microbiology, Soil Science, Plant Pathology, etc. The syllabus and course curriculum is inclusive of class lessons, field trips, lab sessions, practical training, cattle training, etc. Subjects such as Soil Microbiology, Plant Breeding and Genetics, Agricultural Economics, Agronomy, Plant Pathology, Statistical Methods, Post Harvest Technology, etc. are included in the BSc Agriculture syllabus.

### BSC HORTICULTURE

It is a 3 year course. Horticulture is the science of plant cultivation including the process of preparing soil for planting of seeds, tubers or cutters.

### BTECH AGRICULTURE

B Tech Agricultural Engineering is a 4 year undergraduate program dealing with the machineries, engineering and science in the agricultural sector, Crop Processing Engineering & Biotechnology.

### BTECH FOOD TECHNOLOGY AND DAIRY TECHNOLOGY

It is a 4 year course about food processing machinery and dairy machinery. This is a beneficial course for students who want to work with fci, fssai, food manufacturing companies.

### OTHER UG COURSES

- Bachelor of Science (B.Sc.) in Agriculture
- Bachelor of Technology (B.Tech.) in Agricultural Engineering
- Bachelor of Science (B.Sc.) in Forestry
- Bachelor of Fisheries Science (B.FSc.)
- Bachelor of Science (B.Sc.) in Agribusiness Management

- Bachelor of Science (B.Sc.) in Food Science and Technology
- Bachelor of Science (B.Sc.) in Sericulture
- Bachelor of Science (B.Sc.) in Dairy Technology
- Bachelor of Science (B.Sc.) in Agricultural Biotechnology
- Bachelor of Science (B.Sc.) in Soil Science and Agricultural Chemistry

### DIPLOMA COURSES

If you want to become a distributor of agricultural products and open fertilizer shops, agriculture courses are a must, one could pursue diploma courses also in agriculture, especially a diploma in agriculture.

- Diploma in Agriculture
- Diploma in Food Processing
- Diploma in Seed Technology
- Diploma in Horticulture
- Diploma in Organic Farming
- Diploma in Animal Husbandry
- Diploma in Agriculture Products Processing
- Diploma in Post Harvest Technology

### PG COURSES

- M.Sc. in Agriculture
- M.Sc. in Horticulture
- M.Sc. in Forestry
- M.Sc. in Fisheries Science
- M.Sc. in Dairy Science
- M.Sc. in Plant Pathology
- M.Sc. in Agricultural Biotechnology

### PHD COURSES

- PhD in Agriculture
- PhD in Agronomy
- PhD in Genetics and Plant Breeding.
- PhD in Horticulture.
- PhD in Agriculture Economics.
- PhD in Plant Pathology

### JOB PROFILES

The job profiles one can opt for after pursuing career in agriculture are as follows :-

- UPSC IFS, NABARD assistant manager, RRB agriculture officer, FCI assistant grade, IBPS AFO/RDO, FSSAI food inspector, FSSAI, IFFCO/KRIBHCO, TGT PGT lecturer jobs, Journalist at agriculture magazine. These organizations conduct its own exam at PG level.
- Working food processing companies, and farming based private companies at different posts. All these post release vacancies annually, candidates must keep checking for it.
- Jobs like NABARD and IFS (Indian forest service) provide handsome salaries. In all cases the salary will increase as you gain experience.
- Private companies also conduct placement drives for roles in R & D. manufacturing and packaging sector for agriculture student. Most of these jobs will be field based.
- Apart from jobs, entrepreneurship is a golden opportunity for agriculture students as the government provides a lot of subsidies for agriculture based startups. There will be boom in agritech industry in future.
- New age farming techniques like aquatic farming, multi floor farming are also becoming popular. Having some acres of land and modern knowledge of agriculture could turn farming into business.

## SCHOLARSHIPS

Different colleges have different criteria for scholarship, there are various scholarships for ug students that apply for agriculture students too.

Beside this on this research level, various organizations like SAARC provide fellowship for study abroad

- The India Agri Fellowship
- Netaji Subhas-ICAR International Fellowships
- SAARC Agricultural PhD Scholarships
- UAS Bangalore Sharans Vedanth Scholarship
- R.N. Lakshmi pathi and Smt. Nagarathnamma Merit Scholarship

## ENTRANCE EXAM

- ICAR AIEEA EXAM

It is the most important exam for agriculture students. The ICAR exam is a national level MCQ based exam after class 12. Candidates can apply for ICAR AIEEA in any of the three streams: PCB, PCM, or PCA. It offers various ug courses across ICAR colleges of the country.

Now the ICAR AIEEA is conducted under CUET. There are a total 150 MCQ, and the time is 2.5 hours. This exam is like IIT JEE of agriculture student as it opens the door to ICAR colleges of India that are the best agriculture college after 12th.

- Some of the popular state-level agricultural entrance exams are as follows:

1. TJEE
2. MHT-CET
3. UPCATET
4. MP-PAT-MP-PAT

## TOP COLLEGES



## FREQUENTLY ASKED QUESTIONS

1.What does the bachelor's Degrees in Agricultural Science teach us?

ANS: Bachelor's degree programs in agricultural science teach you the skills you need to handle sales, research, finance, management and other aspects of agricultural operations.

2.What are the various branches of the agriculture stream?

ANS: There are a number of branches under agricultural science like crop science, horticulture, dairy, animal husbandry, fisheries, agronomy and soil science.

3.What are popular Agricultural Jobs for Recent college Graduates?

ANS: Agriculture is a broad and expanding area of study and the agricultural job market is expanding with it. The US Department of Agriculture is one of the major entry level employers in the field.

4.What is Agricultural Engineering?

ANS: Some people might only think of fruits and vegetables when they think of agricultural Engineering, but in this field, you may help with the production of cotton shirts or the design of packaging to keep potato chips fresh.

5.What Can an Agricultural Degree Get You?

ANS: Agriculture studies are now not just for a farmer's child but big business as food companies works with farmers to improve crops and raise profits. According to the US Bureau of labor statistics, jobs in the agriculture, forestry and fishing sectors are expected to experience growth by 3% over the 2020-2030 period.

## OVERVIEW



# COMMERCE

## INTRODUCTION

- Commerce comes under one of the top academic courses.
- Commerce is part of daily life – Look around you will find commerce. This can easily be attributed to the many successes people see entrepreneurial ventures achieve, such as multinational companies like Microsoft, Apple Inc, Uber, etc., carving a niche for themselves in the world's market.
- Commerce helps you to pursue knowledge of Finance, Business Administration, Accountancy, E Commerce, Economics & Marketing.

## WHO SHOULD SELECT COMMERCE?

- If you are good at maintaining Accounts.
- If you are good at maintaining records.
- If you are good in Management.
- If you like Maths and Economics.
- If you are interested in knowing How money works.
- If you want to start your own business / become an entrepreneur.

## SUBJECTS

### ACCONTANCY

Accountancy is the practice of recording, allocating and outlining trade transactions for a business. It provides an assessment of management concerning the financial outcomes and ranking of an establishment.

### BUSINESS STUDIES

Business Studies is a vast subject in the social sciences that allows an in-depth study of a degree of specialities. This would include Finance, Accountancy, Marketing and Organisation.

## ECONOMICS

Economics helps people to understand how an individual, companies, and governments make decisions on declared resources to satisfy desires and requirements.

## TOP UG COURSES AFTER 12th:

There are various courses after 12th commerce that are available for students. These courses are based on the subjects included in CBSE Class 12 Syllabus for Commerce stream. These courses are:

- B.COM. (Hons.)
- B.A. (Hons.) Business Economics
- B.COM.(with specialization in Business Economics)
- B.COM.(Pass)
- B.A. Economics
- B.A Hons (English)
- BBA (Bachelor of Business Administration)
- BCA (Bachelor of Computer Applications)
- BAF (Bachelor of Accounting and Finance)
- BFM (Bachelor of Financial Markets)
- BBI (Bachelors in Banking and Insurance)
- B.SC. (H) Statistics
- B.STAT. (Hons)
- CS (Company Secretary)
- Mass Communication/ Journalism
- Language Courses
- BA Visual Communication
- BA LLB
- Bachelor of Fine Arts BFA
- Bachelor of Business Studies
- ICWAI (Institute of Cost and Works Accountants of India)

## BACHELOR OF COMMERCE (B.COM)

It is the most common three year undergraduate course among the other courses after class 12 commerce. This after 12 commerce course comprises the study of financial accounting, corporate tax, economics, company law, auditing, business management, etc. This course can be pursued in regular and correspondence mode by commerce stream students after 12th.

## **BACHELOR OF COMMERCE OR B.COM(HONS.)**

It is the second most pursued course among the courses after 12th commerce stream and similar to B.COM. General. There is a difference between both courses that students are taught main subjects and elective subjects during B.com program but in case of B.COM. (Hons) students will have the option to choose a specialization in a subject or field.

He/she will study in-depth in a subject or field.

Candidates who want to make a career in a particular field such as Accountancy, Finance, Management etc. should go for B.COM. (Hons). This is a three-year undergraduate course for commerce stream students.

Popular Subjects/Fields to pursue B.Com(Hons)

- Accounts and Finance
- Investment Management Business Management
- Economics
- Banking and Insurance
- Taxation
- Marketing

## **BUSINESS MANAGEMENT AND ADMINISTRATION (BBA)**

BBA is an undergraduate course with a 3 year duration. Talking about courses after 12th commerce, BBA is one of the sought-after courses.

## **BACHELOR OF MANAGEMENT STUDIES (BMS)**

BMS is the short name used for Bachelor of Management Studies which is one of the best courses after 12th commerce. This course incorporates the advanced study of Management practices including team-building qualities, Organizing and Problem Solving. It is a three-year undergraduate course for candidates who want to go into the Management profession.

## **BACHELOR IN BUSINESS STUDIES**

It is a 3-year undergraduate course for which consists of the study of accountancy, finance, marketing, organizational studies and economics. BBS is one of the best management courses after 12th commerce. This course helps the students to develop their intellectual and interpersonal skills.

## **BACHELOR OF COMMERCE AND BACHELORS OF LEGISLATIVE LAW (B.COM.LLB)**

It is a 5 years integrated course after 12th which can be pursued by any stream student. B.COM. L.L.B. admissions are done on the basis of B.COM. LLB entrance exams and marks obtained by a candidate in class 12th.

## **CHARTERED ACCOUNTANT (CA)**

This is a prestigious course with a duration of 5 years to make a business career. This is one of the job-oriented courses after 12th commerce. To become CA after 12th, one must have to go through with the following steps:First of all, register with the Institute of Chartered Accountants of India(ICAI)

After registration, students will have to appear for the Common Proficiency Test (CPT).

After clearing CPT, the next step is to prepare and appear for IPCC (Integrated Professional Competency Course).

Then, Candidates will go for Articleship Training under practicing CA.

Then, the final CA exam will be conducted and after clearing it, one will become a Chartered Accountant(CA).

## **COMPANY SECRETARY (CS)**

Company Secretary is one of the prestigious posts in a company to handle the legal activities of a firm. CS is a Job-oriented course among the professional courses after 12th commerce.

A candidate who has completed class 12th with at least 50% marks in aggregate, can pursue the CS course.

This course and exam is held by the Institute of Company Secretaries of India (ICSI). After 12th commerce, the student will have to go through the 3 stages: foundation, executive, and professional programme. There are numerous job opportunities for CS in the private sectors

## COST AND MANAGEMENT ACCOUNTANT (CMA)

CMA is the underestimated course in India, however, it has vast job opportunities around the globe. Candidates looking for best courses after 12th commerce can pursue CMA course. Candidates will have to qualify ICWA to become a Cost and management accountant. For this, one will have to register with The Institute of Cost Accountants of India or ICWA. After this, the candidate will have to go through three stages: Foundation, Intermediate and Final course. There are many good colleges/Institutes to pursue cost and Management courses in India. CMA plays an important role in business to decide the cost and price of an item.

## CERTIFIED FINANCIAL PLANNER (CFP)

CFP is a better option for candidates interested in making their career in the financial services sector. It is a High-level course in Finance among the other best courses after 12th commerce. To become a CFP, first of all, a candidate will have to register with Financial Planning Standard Board India or FPSB India.

He/She will have to pass the following 5 examinations:

- Risk Analysis & Insurance Planning
- Retirement Planning & Employee Benefits
- Investment Planning
- Tax Planning & Estate Planning
- Advance Financial Planning

All these exams will have 20% questions from 'Introduction to Financial Planning'.

## OTHER COURSES AFTER 12th COMMERCE

Apart from these commerce stream courses, candidates can also go for other courses after 12th arts, which includes the following courses:

- BA
- BCA
- Bachelor of Hotel Management
- Bachelor of Journalism & Mass Communication
- Bachelor of Hospitality Management

## TOP COURSES AFTER 12th COMMERCE WITH MATHEMATICS

- Here is the top after 12th commerce courses list which includes Mathematics:
- Bachelors of Business Administration (BBA)
- Bachelor of Management Studies (BMS)
- Bachelor of commerce (B.Com)
- Bachelors in Finance and Accounting (BAF)
- BA/ B.Sc in Economics
- BA/ B.Sc in Statistics
- BBA LLB
- Chartered Financial Analyst (CFA)
- Company Secretary

## TOP COURSES AFTER 12th COMMERCE WITHOUT MATHEMATICS

If you are one among the aspirants who do not want to see themselves struggling with Mathematical equations and numerical anymore - we have got you covered. Here is a list of courses after 12th commerce without Maths:

- BA + LLB
- Bachelor of Fine Arts (BFA)
- BJMC (Bachelor of Journalism and Mass Communication)
- BAMC (Bachelor of Arts and Mass Communication)
- BA (Hons.) English
- Diploma Courses in Languages
- BA Courses in Languages
- ANM

## LIST OF COMPUTER COURSES AFTER 12th COMMERCE

The information technology industry is currently one of the most in-demand globally. The modern world's demand for computers has resulted in a plethora of computer-based courses worldwide, improving career prospects.

- Tally ERP Course
- BCA
- Sage 50 Accounts and Payroll Diploma
- B.COM. in Computer Applications
- Diploma in Office Automation
- Data Entry Operator Course
- Hardware and Networking Courses

## ENTRANCE EXAMS FOR COMMERCE AFTER 12th

The following are other entrance exams for commerce after the 12th.

- SAT
- CLAT
- ACLAT
- CUSAT CAT
- NCHMCT JEE
- NIFT
- NMIMS - NPAT
- CA Common Proficiency Test (CPT)
- Institute of Chartered Accountants in India (ICAI)
- ACET
- Institute of Actuaries of India (IAI)
- IPMAT
- DU JAT

## ADDITIONAL COMPETITIVE EXAMS

These are a few competitive exams for students to explore after commerce 12th.

- NCHMCT JEE
- NIFT
- NATA

For more details:

<https://finance.careers360.com/articles/entrance-exams-after-12th-for-commerce-students>

## DIPLOMA COURSES AFTER 12th COMMERCE

There are several diploma courses available for students after 12 commerce. Here is a long list of them:

- Diploma in Digital Marketing
- Diploma in Banking and Finance
- Diploma in Advanced Accounting
- Certified Management Accountant
- Diploma in Financial Accounting
- Diploma in Retail Management
- Diploma in Business Management
- Diploma in Computer Application
- Diploma in Industrial Safety
- Diploma in Elementary Education
- Diploma in Physical Education

- Diploma in Yoga
- Diploma in Accounting and Finance
- Diploma in Management
- Diploma in Fashion Designing

## LIST OF POSTGRADUATE COURSES AVAILABLE IN COMMERCE

Postgraduation in the field of Commerce is one of the most lucrative career choices among youth now-a-days. It opens a variety of job opportunities for Commerce graduates. There's a lot of competition to get admitted into top commerce colleges. Students need to crack entrance tests conducted by the educational institutions to secure admission into the Commerce courses. These courses include subjects like accountancy, business statistics, auditing, economics, business studies, corporate finance and taxation.

## LIST OF HIGHER EDUCATION COURSES AVAILABLE IN COMMERCE

- Master of Commerce
- Master of Commerce in Accountancy and Business Statistics
- Master of Commerce in Accounting and Auditing
- Master of Commerce in Accounting and Finance
- Master of Commerce in Accounting and Taxation
- Master of Commerce in Advanced Accountancy
- Master of Commerce in Applied Economics
- Master of Commerce in Bank Management
- Master of Commerce in Banking & Insurance Management
- Master of Commerce in Banking and Finance
- Master of Commerce in Business Policy and Corporate Governance
- Master of Commerce in Business Studies
- Master of Commerce in Computer Applications
- Master of Commerce in Computer Oriented Business Application

- Master of Commerce in Finance & Computer Applications
- Master of Commerce in Finance and Systems
- Master of Commerce in Financial Management
- Master of Commerce in Financial Risk Management
- Master of Commerce in Financial Services
- Master of Commerce in Financial Studies
- Master of Commerce in Foreign Trade Management
- Master of Commerce in Garment Production & Export Management
- Master of Commerce in International Banking
- Master of Commerce in International Business
- Master of Commerce in Management
- Master of Commerce in Management Accounting & Financial Strategies
- Master of Commerce in Marketing
- Master of Commerce in Taxation
- Master of Commerce in Tourism Administration
- Master of Commerce in Trade & Services
- Master of Finance and Control
- Master of Finance and Control (MFC)
- Master of International Affairs
- Master of Investment and Financial Analysis
- Master of Marketing Technology (MMT)
- Master of Philosophy in Accounting

## Ph.D. Courses

- Doctor of Philosophy in Banking & Finance
- Doctor of Philosophy in Business Economics
- Doctor of Philosophy in Commerce
- Doctor of Philosophy in Corporate Secretariat

## LIST OF SCHOLARSHIPS FOR COMMERCE STUDENTS

- Commerce Ka Arjun Scholarship Program
- Ranker Scholar Aptitude Test (RSAT)
- South Indian Bank (SIB) Scholarship Scheme
- Sarla Devi Scholarship
- ICAI Commerce Wizard
- IIM Ahmedabad Fellow Program in Management

## JOB PROFILES

- Here we have curated the list of career options after 12th Commerce -
- Chartered Accountant
- Company Secretary
- Tax Consultants
- Chartered Financial Analyst
- Auditor
- Stock Broker
- Accountant
- Finance and Budget Analyst
- Banker
- Financial Risk Analyst
- Market Analyst
- Investment Administrator
- Economist
- Some other popular options are -
- Certified Management Accountant (CMA)
- Business Accounting and Taxation (BAT)
- US Certified Public Accounting (CPA)
- Financial Risk Manager (FRM)

## TOP UNIVERSITIES

- Here are the top universities to study Commerce in India:
- Top Universities
- Christ University, Bangalore
- Banaras Hindu University, Varanasi
- University of Delhi
- Jamia Millia Islamia
- Savitribai Phule University
- Mumbai University

## FREQUENTLY ASKED QUESTIONS

1. Is a career in commerce really a future?  
ANS: Yes, You won't believe but commerce has more career options than there are in science or any other field. Because finance is the backbone for any company. with skilled professionals and commerce people can help run the business successfully.

2. What are the career options in the Commerce stream?

**ANS:** Jobs: Commerce is a vibrant field with a range of interdisciplinary branches including -Commerce, Accountancy, Finance, Marketing, Business Management. After completing any of the job oriented courses after 12th commerce or graduation, students may join private firms as a specialist in finance domain.

Not only the private sector but government sectors of services also need skillful and knowledgeable commerce professionals. By appearing in competitive exams arranged by government entities also open many gates of job opportunities for students. Popular fields for employment in the government sector in finance domains are banking exams arranged by IBPS and RBI.

**Entrepreneurship:** Young aspirants can also opt for independent finance practice including project consultations, tax consultation, auditing to name a few.

3.What are the best courses after 12th commerce?

**ANS:**

1. B.COM.: Bachelor of Commerce
2. BBA: Bachelor of Business Administration
3. BBS: Bachelor of Business Studies
4. BMS: Bachelor of Management Studies
5. CA, CS, ICWA, CFA: These are the most admired professional courses one opts after your admission into the desired course.

choosing the commerce stream.

These are just the degree and professional courses after 12th commerce, which will give you a direction about what actually happens in commerce, finance, and business.

## OVERVIEW





## LAW

### INTRODUCTION

- Law is a career stream that aspirants can pursue at the Undergraduate (UG), Postgraduate (PG), or Doctorate (PhD) level to study, research, and practice in India. Law as a career is prestigious and is popular among students in India.
- Law practitioners include famous people like Mahatma Gandhi, Nelson Mandela, Ram Jethmalani, as well as former US President Barack Obama.
- A career in law requires one to put in overtime grinds spent in legal research. This sounds laborious, however, in order to sort the black and white of a case, one has to immerse himself in legal research. There are no shortcuts in law, and for even a good lawyer, it takes years of legal practice to become sharp-witted.

### WHO SHOULD SELECT LAW

Other than the educational qualification mentioned above, candidates should possess some skills mentioned below in order to be successful in the field of law.

### LAW SUBJECTS

The subjects taught to an aspiring student when he or she chooses to study law are: -

- Labor Law
- Company Law
- Jurisprudence
- Legal Writing
- Family Law
- Administrative Law
- Consumer Protection Law
- Constitutional Law

### BEST UG COURSES AFTER 12TH

#### B.COM. LL.B

The B.Com LL.B is a blend of Law and Commerce subjects, including Trade and Commerce, financial and cost accounting, Economics, corporate accounting and Taxation etc.

#### B.B.A. LL.B

In B.B.A. LL.B, along with legal education including Commercial and Corporate Laws, etc, Business and Management topics are also covered, like business environment, Fundamentals of management, financial management, Business Policy & Strategic management, marketing management and human resource management, etc.

#### B.A. LL.B.

The B.A. LL.B programme is a combination of Arts and Law, and it helps you to approach law with a humanities perspective. In this law course after 12th, students study Sociology, Political science, economics, international relations, etc, along with legal education. It nurtures students to understand the social and political aspects of respective Laws.



## ELIGIBILITY FOR UG LAW COURSES

Candidates are eligible to secure admission in UG law courses if they have cleared Higher Secondary School/Intermediate (10+2) or its equivalent exam from a recognised board with not less than 45% marks in aggregate.

## ELIGIBILITY FOR PG LAW COURSES

For admission in LLB (3 years) course, aspirants need to be graduates from a recognised university. Also, for admission in LLM course candidates need to possess an LLB or equivalent degree from a recognised university.

## ENTRANCE EXAM FOR LAW

- CLAT - Common Law Admission Test
- AILET -All India Law Entrance Test
- SLAT-Symbiosis Entrance Test-Law
- PU BA LL.B/B.Com LL.B (Hons) 5-year Integrated Course Entrance Test
- IPU CET- Indraprastha University Common Entrance Test

## DIPLOMA COURSES FOR LAW

- Diploma in Criminal Law
- Diploma in Business Law
- Post Graduate Diploma in Corporate Law
- Diploma in Co-operative Law
- Post Graduate Diploma in Cyber Law
- Diploma in Criminology
- Post Graduate Diploma in Human Rights Law
- Diploma in Information Technology Laws
- Diploma in Labour Laws
- Diploma in Labour Laws & Labour Welfare
- Diploma in International Laws
- Diploma in Taxation Laws
- Diploma in Women Studies & Gender Justice

## OTHER UG COURSES

- LLB Course - Bachelor of Law
- LLB Course (Hons) - Bachelor of Legislative of Law (Honors)
- LLB Course (Intellectual Property Rights) - Bachelor of Law in Intellectual Property Law

- BBA + LLB (Hons) - Bachelor of Business Administration & Bachelor of Legislative Law (Honors)
- BA LLB Course - Bachelor of Arts & Bachelor of Legislative Law
- BA+LLB (Hons) - Bachelor of Arts & Bachelor of Legislative of Law (Honors)
- BCom LLB Course - Bachelor of Commerce & Bachelor of Legislative Law
- BCom + LLB (Hons) - Bachelor of Commerce & Bachelor of Legislative of Law (Honors)
- BSL LLB Course - Bachelor of Socio-Legal Sciences & Bachelor of Law
- BSc LLB Course - Bachelor of Science & Bachelor of Legislative Law
- BSc + LLB (Hons) -Bachelor of Science & Bachelor of Legislative of Law (Honors)
- BTech LLB Course- Bachelor of Technology & Bachelor of Legislative Law

## PG COURSES

- LLM Master of Law
- LLM (Business Law) - Master of Legislative Law in Business Law
- LL M(Constitutional Law & Administrative Law) - Master of Law in Constitutional Law & Administrative Law
- LLM (Constitutional Law) - Master of Legislative Law in Constitutional Law
- LLM (Corporate and Securities Law) - Master of Law in Corporate and Securities Law
- LLM (Corporate and Financial Law) - Master of Law in Corporate and Financial Law
- LLM Criminal Law - Master of Law in Criminal Law
- LLM (Criminal Law and Criminology - Master of Law in Criminal Law and Criminology
- LLM (Energy Law) - Master of Law in Energy Laws
- LLM in Human Rights - Master of Law in Human Rights
- LLM (Environmental Law) - Master of Law in Environmental Law
- LLM (Intellectual Property Rights) - Master of Law in Intellectual Property Rights

- LLM (International Environmental Rights) - Master of Law in International Environmental Rights
- LLM (International Trade Law) - Master of Law in International Trade Law
- LLM (Labour Law and Administrative Law) - Master of Law in Labour Law and Administrative Law
- LLM (International Law, Constitutional Law and Human Rights) - Master of Law in International Law, Constitutional Law and Human Rights
- LLM Corporate Law - Master of Law in Corporate Law
- LLM Labour Law - Master of Law in Labour Law
- LLM (Mercantile Law) - Master of Law in Mercantile Law
- LLM (Hons) - Master of Legislative Law Honors
- MA (Business Law) - Master of Business Law

## PhD PROGRAMS

- PhDs Law Studies
- PhDs International Law Studies
- PhDs Interdisciplinary Law
- PhDs Administrative Law
- PhDs Dispute Resolution Studies
- PhDs International Law
- PhDs Civil Law Studies
- PhDs Canon Law
- PhDs Jurisprudence

## SCOLARSHIPS

- GEV Memorial Merit Scholarship
- Aditya Birla Scholarship Programme
- Central Sector Scheme of Scholarship
- Quill Foundation Scholarship
- MOMA Scholarship Selection Process
- Nirankari Rajmata Scholarship Scheme

## JOB PROFILES

- Lecturer/Professor of Law
- Corporate Lawyer
- Investigator
- Criminologist
- Banking and Insurance: Administrative Law Officer, Specialist Law Office
- Public Prosecutor
- State-Level or Local-Level Judge

- Solicitor
- Paralegal
- Litigation Support Professional
- Banking and Insurance: Administrative Law Officer

## FREQUENTLY ASKED QUESTIONS

1. A Law course is of how many years?

ANS: If you pursue Law after Class 12, the law course is of five years duration. If you pursue LLB after graduation, it is usually of three years duration. For LLM courses, generally a candidate has to spend one year or two years to obtain the degree.

2. What educational qualification is needed to pursue Law?

ANS: Candidates need to be Class 12 pass to pursue integrated Law courses such as BA LLB, BBA LLB, BSc LLB and BCom LLB. On the other hand, candidates need to be graduates in any stream to pursue three-year duration LLB degree courses.

3. What are the various types of Law courses in India?

ANS: Some of the popular types of undergraduate and postgraduate Law courses in India include:

BA LLB  
BBA LLB  
BCom LLB  
BSc LLB  
LLB  
LLM

4. Can I pursue a three-year LLB after Class 12?

ANS: No, you can pursue a three-year LLB course after completing graduation only. No candidate is eligible to pursue Law after class 12.

5. Which is the best Law specialization?

ANS: Among so many Law specializations, it is difficult to pick the one best as being successful in a field entirely depends on one's interest and aptitude. However, given below are some most popular Law specializations among students:

Civil Law  
Tax Law  
Criminal Law  
Corporate Law

International Law

Labour Law

Real Estate Law

Patent Law

Media Law

Intellectual Property Law

Mergers and Acquisition Law

## 6. Can I become a lawyer without a Law degree?

ANS: No, you cannot become a lawyer without a Law degree. You mandatorily need to obtain degrees such as BA/BCom/BSc/BBA LLB or LLB in order to be a lawyer in India.

## 7. Can I study law courses online?

ANS: LLB courses are mostly offered by reputed colleges and universities in offline mode as classroom-based full-time programmes. However, some universities these days also offer some short-term certificate Law courses that candidates can pursue in online mode.

## 8. What is the maximum age limit to pursue LLB?

ANS: There is usually no upper age limit to apply for LLB courses. The Bar Council of India (BCI) had removed the age criteria for Law admissions a few years back.

## 10. Which are the top Law colleges in India?

ANS: As per NIRF Rankings 2022, the following are the top five Law colleges in India:

1. National Law School of India University (NLSIU) Bengaluru

2. National Law University (NLU) Delhi

3. Symbiosis Law School, Pune

4. NALSAR University of Law, Hyderabad

5. The West Bengal National University of Juridical Sciences (WBNUJS) Kolkata

## 9. Can I become a lawyer after completing my LLB?

ANS: After completing LLB you become a lawyer, however, you are still not an advocate. To become an advocate and to practice law as a profession, you mandatorily need to clear the All India Bar Examination (AIBE).

## OVERVIEW



# ARTS

## INTRODUCTION

- Arts also known as humanities is a very popular and diverse stream after class 10.
- The stream is best for the students who have a theoretically bent mind.
- Students interested in subjects like history, geography, political science, psychology, sociology, languages etc. can also opt for this stream.

## WHO CAN WHOOSE ARTS

One can opt for this stream if has following qualities-

- Good at language subjects like english.
- Good at social sciences subjects like history, geography and civics etc.
- Good at theory reading and retaining.
- Good observer of people's behavior, society and surroundings etc.
- Comfortable in communicating even with strangers.
- Good at visual arts, performing arts, literary arts etc.

## SUBJECTS

The subjects that are compulsory for an arts student are Hindi/English, history, geography, politics, home science, economics, psychology, sociology.

Meanwhile-the Optional subjects for an arts students are Physical Education, computer, math, yoga, dance, music, artificial Intelligence.

## BEST UG COURSES AFTER 12TH

### **Bachelor of Arts [BA]**

Bachelor of Arts (BA) is a 3 years undergraduate degree course that focuses on various disciplines like English, History, Political Science, Geography etc. Candidates can pursue a BA general or BA Hons program as per choice and also on the marks obtained at their +2 board exams. BA general program focuses on an overview of primary subjects whereas BA Hons program focuses on a particular specialization.

### **BFA ( Bachelor of Fine Arts )**

It is one the best undergraduate courses after 12th arts or for any stream student can pursue it. It deals with visual and performing arts. Some specializations for visual arts are painting, literature, photography, animation, graphic design, applied arts calligraphy, textile design, printmaking, digital arts, etc.

### **Bachelor of Journalism & Mass Communication**

BJMC (Bachelor of Journalism and Mass Communication) is a three-year long undergraduate degree programme. In order to be eligible for the course, aspirants need to clear Class XII in any discipline. The course is suitable for students to wish to pursue their career in the media industry.

### **A LLB (5-year Integrated Program)**

BA LLB (Bachelor of Arts + Bachelor of Laws) is an integrated Law course offered at undergraduate level. The duration of BA LLB programme in Indian universities and colleges is typically five years.

### **Bachelor of Design (BDes)**

Bachelor of Design or BDes in Design is a bachelor's degree undertaken to become a designer. BDes is an undergraduate degree, students from Arts or even Science and Commerce stream are eligible to pursue a BDes degree.



## OTHER UG COURSES

- BBA- Bachelor of Business Administration
- BMS- Bachelor of Management Science
- BFA- Bachelor of Fine Arts
- BEM- Bachelor of Event Management
- Integrated Law Course- BA + LL.B
- BJMC- Bachelor of Journalism and Mass Communication
- BFD- Bachelor of Fashion Designing
- BSW- Bachelor of Social Work
- BBS- Bachelor of Business Studies
- BTM- Bachelor of Travel and Tourism Management
- Aviation Courses
- B.Sc- Interior Design
- B.Sc.- Hospitality and Hotel Administration
- Bachelor of Design (B. Design)
- Bachelor of Performing Arts
- BA in History

## ENTERANCE EXAMS

- ACET – IAI (Institute of Actuaries of India)
- CA Common Proficiency Test (CPT)
- Combined Shiksha Acharya Entrance Test (CSAET)
- Combined Shiksha Shastri Entrance Test (CSSET)
- Company Secretary Executive Entrance Exam (CSEET)
- Humanities and Social Sciences Entrance Examination (HSEE)
- RRB IBPS (Institute of Banking Personnel Selection)
- Clerk IBPS – Institute of Banking Personnel Selection
- IBPS PO – Institute of Banking Personnel Selection Probationary Officer Exam
- ICICI PO
- Reserved Bank of India (RBI Grade I) & (RBI Grade II)
- SBI (State Bank of India) Clerk/PO
- State Bank of India Exam SBI SO Exam
- Tata Institute of Social Science National Entrance Test (TISSNET)

## LIST OF GOVERNMENT EXAMS

### AFTER 12TH

- Railway Recruitment Exam
- SSC (CHSL, CGL, JHT, Stenographer, Junior Engineer, GD Constable, Multitasking Staff & more)
- UPSC
- Public Service Commission
- Insurance Exams
- Bank Exams

## DIPLOMA COURSES

- Diploma in Advertising and Marketing
- Diploma in Photography
- Diploma in Public administration
- Diploma in various languages
- Diploma in Digital Marketing
- Diploma in Website Designing
- Diploma in Traveling

## PG COURSES

- MA Language
- MA Economics
- MA Political Science
- MA History
- MA Psychology
- MA Communication Studies
- MA Philosophy
- MA Sociology
- MA Religious Studies
- MA Geography
- MA Literature

## Ph.D COURSES

- Ph.D. in Fine Arts
- Ph.D. in English
- Ph.D. in History
- Ph.D. in Environmental Science
- Ph.D. in Home Science
- Ph.D. in Creative Writing
- Ph.D. in Philosophy
- Ph.D. in Hindi
- Ph.D. in Sanskrit
- Ph.D. in Geography and Geology

## TOP UNIVERSITIES

- Lady Shri Ram College, Delhi
- Loyola College, Chennai
- Christ University, Bengaluru
- St. Xavier's College, Mumbai
- Miranda House, Delhi

## JOB PROFILES

- SBI Relationship Manager
- Civil Servant
- Executive Assistant
- Government Economist
- Government Editor
- Government Lecturer
- Trained Graduate Teacher
- Office Assistant

## SCHOLARSHIPS

- College Admission Scholarship Application (CASA)
- Schindler Igniting Minds Scholarship
- INSPIRE Scholarship
- AICTE Pragati Scholarship for Girls
- Foundation For Excellence (FFE) Scholarship

## FREQUENTLY ASKED

### QUESTIONS

1. Can I pursue Law after Class 12 Arts?

ANS: Yes, you can pursue BA LLB or BA LLB (Hons) courses after passing Class 12 in the Arts stream.

2. Which are the best Arts colleges in India?

ANS : As per India Today Rankings 2020, Hindu College followed by St. Stephen's College, Miranda House, Lady Shri Ram College for Women, and Madras Christian College are the top five Arts colleges in India.

3. Is it useful to pursue BA if I wish to appear for UPSC exams?

ANS: To crack UPSC exams, it is always useful to study BA subjects in college such as History, Political Science, Geography, Public Administration, and Philosophy. Therefore, if you wish to crack the UPSC exams in the future, it is advisable to take up a BA course in graduation.

4. If I choose Arts in class 11th, will I have no future??  
 ANS: If you take up arts, you will study subjects that some combination of these subjects: English, political science, economics, sociology, and psychology, business studies, entrepreneurship, multimedia web technology, history (there may be a few more depending on your school/ boards). After getting exposed to these subjects, the following career options will open up for you

- Law
- Civil services
- Counseling
- Organizational behavior
- Foreign services
- International relations
- Public Policy
- Advertising
- Media studies
- Gender studies
- Teaching and Research in any of these areas
- Archaeology
- Anthropology
- Entrepreneurship

And these are just from the top of my head. In these times, when automation is beginning to take over most "technical" jobs, being trained in arts (humanities) is actually the more sensible course of action. These subjects expose you to a wide variety of topics, and force you to think critically. They also help you develop a broad based world view.

## OVERVIEW



# COMMON COURSES

## INTRODUCTION

There are several courses which are highly opted by students from different streams regardless of their subjects that they have studied in higher classes. These courses are widely preferred by students these days.

## WHO SHOULD SELECT THESE COURSES?

- Students having passion to pursue their career in different fields such as journalism, fine arts, interior designing, fashion designing, civil services, digital marketing etc. can choose these courses after completing their 12th class.
- These courses can be chosen by any student regardless of their streams in class 12th.
- A student from science\commerce\arts stream can go through these courses to make their career in their passionate fields.

## TOP UG COURSES :

### JOURNALISM AND MASS COMMUNICATION

- Bachelor of Arts in Journalism and Mass Communication is a three-year undergraduate program equipping students with the technical skills and social understanding to write about and convey information to the general public.
- Candidates who have completed their 10+2 schooling or equivalent, in any stream, from a recognized board with an aggregate of 50% marks are eligible to enroll for this program.
- Entrance exams given for this course are CUET, NPAT , TISS BAT, IPU CET, JNUEE.
- Aspiring candidates can proceed with their studies after BA in Journalism and Mass Communication by pursuing a master's in the same and then going for M.Phil. or PhD.

- Job profiles -

Graduates could work in advertising agencies, broadcasting corporations, radio telecasting companies, magazines, and the Legal Affairs department by taking positions of Columnist, Radio Jockey, Photojournalist, News Reporter, Copywriter, and Food Critic.

Top colleges overview:



### FINE ARTS

- BFA or Bachelor of Fine Arts is an undergraduate degree course which deals with the study of Visual or Performing Arts. The course includes subjects such as painting, sculpture, photography, literature, animation, etc.
- All candidates, who have cleared Standard XII in any stream from a recognized board, meet Bachelor of Fine Arts eligibility criteria.
- Job profiles- Fine arts graduates can choose to be an art teacher, writer, actor, art director etc. Students can work in the entertainment sector, marketing companies, publications, art museums, schools, and colleges.





## TEACHING

- To become a teacher in India, students need to graduate with a B.Ed Course after completing their UG degree. B.Ed qualified aspirants to teach at pre-primary and primary levels.
- This course can be pursued after 10+2 or after the completion of any graduation degree. To teach at the secondary or higher secondary level B.ED. is compulsory.
- Some advanced Courses to become a teacher are: M.Ed., M.Sc. and Assistant Professor Course.
- Entrance exams conducted to pursue this course are as follows- Teacher Eligibility Test (TET), Central Teacher Eligibility Test (CTET), State Teacher Eligibility Test (STET), National Eligibility Test (NET) UGC-NET.

## FASHION DESIGNING

- Bachelor of Fashion Design or BFD is an undergraduate degree course in Fashion Designing. This course is specifically for those students who have a passion for the fashion industry. In order to be considered eligible to apply to this course, candidates must have passed Class 12 with an aggregate of at least 50% marks from a recognized board.
- In the private sector options, opportunities are available in top Designer Houses, Top Fashion Brands, Fashion Retail Companies, Fashion Show Management centres, Jewellery Houses, Media Houses, and Fashion Magazines.

- Most of the colleges and universities offer admission to Bachelor of Fashion Design on the basis of entrance exams like NIFT, AIEED, CEED, DAT, IIAD Entrance Examination. After completing this program, candidates can opt for numerous courses such as Master of Fashion Design, Master of Design and many Diploma courses.
- Job profiles-On completion of BFD, students can opt for a wide range of jobs including Costume Designer, Stylist, Trend Forecaster, Fashion Designer, Product Developer among numerous others. In the private sector options, opportunities are available in top Designer Houses, Top Fashion Brands, Fashion Retail Companies, Fashion Show Management Centre, Jewellery Houses, Media Houses and Fashion Magazines.

- Top colleges overview:



## LIBRARY SCIENCES

- The bachelor's degree in library science program is a one-year undergraduate degree that is divided into two semesters. Students will have the opportunity to learn about the many library science resources. Candidates must have completed their graduation from a recognized university. They must have scored at least 50–55 percent overall average in their Bachelor's degree in any field.
- Job profiles: A B.LibSc. graduate can find jobs in both public and private sectors at organizations with large information handling requirements, foreign embassies, museums, galleries, news agencies, photo & film libraries, schools, colleges, universities.

## INTERIOR DESIGNING

- Interior designers help firms/homeowners in planning out the layout, structure, color schemes, furnishings, and decorations of their properties.
- Students can pursue B.Des, BA, BSc or Diploma in Interior Design. After obtaining bachelor's degree, the candidates can pursue postgraduate programmes like M.Des., MA or MSc in Interior Design.
- Candidates are eligible to apply for a course in interior designing if they have completed their Class XII from a recognized board. Most colleges prefer candidates who have studied Mathematics and Physics as a full-time course or as an additional subject in 10+2.
- Job profiles: I.D graduates can opt for the following job opportunities to become Event Managers, Design Managers, Interior Designers ,Consultant and Exhibition Designer.

- Top colleges overview:



## HOTEL MANAGEMENT

- Hotel management involves all the tasks and responsibilities needed to run a hotel smoothly. It includes managing the different areas of the hotel, such as the front desk, housekeeping, reservations, and guest services. Hotel management is like taking care of everything that makes a hotel a great place for people to stay and have a good time.
- **UG COURSES IN HOTEL MANAGEMENT-**  
Students must have successfully passed their class 12 qualifying examination from a recognized board.
- **ENTRANCE EXAM:-** NCHM JEE, AIMA UGAT BHM, UPCET, MAH HM CET, WB JEHOME, AIHMCT WAT, CUET, PUTHAT
- **PG COURSES IN HOTEL MANAGEMENT:**  
Candidates are eligible if they have completed a Bachelor's in Hotel Management with a minimum 50 percent score in the qualifying exam.
- Top colleges overview:



## CIVIL SERVICES EXAMINATION

Civil Services Exam is conducted by a constitutional body, Union Public Service Commission. Via the Civil Services Examination, the UPSC recruit candidates for various Central and All India Civil Service posts in

- Indian Administrative Service (IAS)
- Indian Police Service (IPS)
- 1. Central Services (Group A)
  - Indian Foreign Service (IFS)
  - Indian Audit and Accounts Service (IA&AS)
  - Indian Civil Accounts Service (ICAS)
  - Indian Corporate Law Service (ICLS)
  - Indian Defense Accounts Service (IDAS)
  - Indian Defense Estates Service (IDES)
  - Indian Information Service (IIS)
  - Indian Postal Service (IPoS)
  - Indian P&T Accounts and Finance Service (IP&TAFS)
  - Indian Railway Management Service (IRMS)
  - Indian Railway Protection Force Service (IRPFS)
  - Indian Revenue Service (IRS-IT)
  - Indian Revenue Service (IRS-C&CE)
  - Indian Trade Service (ITrS)
- 2. Central Services (Group B)
  - Armed Forces Headquarters Civil Services (AFHCS)
  - Delhi, Andaman, and Nicobar Islands Civil Service (DANICS)
  - Delhi, Andaman, and Nicobar Islands Police Service (DANIPS)
  - Pondicherry Civil Service (PCS)
  - Pondicherry Police Service (PPS)

## DIGITAL MARKETING

Digital marketing is a field of marketing that utilizes digital technologies and platforms to promote products, services, or brands to a target audience. It involves various strategies and tactics to engage customers and drive online sales and brand awareness.

### TYPES OF DIGITAL MARKETING:-

- Search Engine Optimization
- Content Marketing
- Social Media Marketing
- Pay Per Click Marketing
- Affiliate Marketing
- Native Advertising
- Influencer Marketing
- Email Marketing

## FREELANCER

A freelancer is a self-employed individual who offers services to clients on a project basis. Freelancing is a type of work arrangement where individuals work independently rather than being employed by a company or organization on a long-term basis.

- IN-DEMAND FREELANCE WORKS-:
- 1. DEVELOPMENT AND IT-:
  - Web Developer
  - UX Designer
  - Programmer
- 2. DESIGN AND CREATIVE-:
  - Graphic Designer
  - Video Editor
  - Website Designer
  - Photographer
- 3. SALES AND MARKETING
  - Outreach Coordinator
  - Marketing Strategist
  - Customer Contact Manager in Writing and Translation
  - Copywriter
  - Editor
  - Translator
- 4. FINANCE AND ACCOUNTING
  - Accountant
  - Financial Advisor
  - Investor
- 5. ENGINEERING AND ARCHITECTURE
  - Architect
  - Interior Designer
  - Remote Mechanical Designer
- 6. LEGAL
  - Lawyer
  - Remote Secretary
  - Paralegal

# PATH

