

## Kendriya Vidyalaya No.1, Devlali Career after 12th Science

Once you are done with your 12th standard, the problem starts. Often students get really confused with the question that arises in front of them, which way to take career forward. Well it is not at all a problem, with the advanced of technology and in the internet era, there are thousands of options opened for you.

It depends on you if you are interested in pursuing higher studies or not. However you can start off with your career just after 12th grade but it is important if you get a graduation degree after 12th. Basically, if you are a student with science background, there are various ways opened for you. If you want to take up academics, you can certainly have a career in scholastic discipline. But for that you require a graduation and a master's degree in any of your science subjects that was in class 12th. Be it Mathematics, Physics, Chemistry or Biology. You can have a career after 12th Science with engineering as well.

### ❖ Courses after 12<sup>th</sup> Science with PCB:

- MBBS
- BAMS (Ayurvedic)
- BHMS (Homoeopathy)
- BUMS (Unani)
- BDS
- Bachelor of Veterinary Science & Animal Husbandry (B.VSc AH)
- Bachelor of Naturopathy & Yogic Science (BNYS)
- Bachelor of Physiotherapy
- Integrated M.Sc
- B.Sc. Nursing
- B.Sc. Dairy Technology
- B.Sc. Home Science
- Bachelor of Pharmacy
- Biotechnology
- BOT (Occupational Therapy)
- General Nursing
- BMLT (Medical Lab Technology)
- Paramedical Courses
- B.Sc. Degree
- LLB (Bachelor of Law)
- Education/ Teaching
- Travel & Tourism Courses
- Environmental Science
- Fashion Technology
- Hotel Management
- Designing Courses
- Media/ Journalism Courses
- Film/ Television Courses

### ❖ For detail visit following websites:-

- [www.aipmt.nic.in/](http://www.aipmt.nic.in/) All India Pre-Medical / Pre-Dental Entrance Test
- [www.dmer.org](http://www.dmer.org) Directorate of Medical Education & Research, Govt. of Maharashtra
- [www.muhs.ac.in](http://www.muhs.ac.in) Maharashtra University of Health Sciences
- [www.cee-kerala.org/](http://www.cee-kerala.org/) Directorate of Medical Education Kerala
- [www.cgdme.in/](http://www.cgdme.in/) Directorate of Medical Education Chhattisgarh
- [www.jceceboard.org/](http://www.jceceboard.org/) Combined Entrance Test Jharkhand
- <http://www.ruhsraj.org> Rajasthan University of Health Sciences
- <http://www.uhsr.ac.in> Pandit Bhagwat Dayal Sharma University of Health Sciences, Rohtak
- <http://www.rguhs.ac.in> Rajiv Gandhi University of Health Sciences
- <http://www.dme.ap.nic.in/> Directorate Of Medical Education Andhra Pradesh
- <http://www.mahayush.gov.in/> Directorate or Ayurveda, Maharashtra
- <http://www.ayurveduniversity.edu.in> Gujarat Ayurved University, Jamnagar
- <http://www.raujodhpur.org> Rajasthan Ayurved University, Jodhpur
- <http://www.acuindia.org/> Acupuncture Institute of Ananda Nagar
- <http://www.ghmccalicut.org> Government Homoeopathic Medical College, Calicut, Kerala
- <http://www.punenin.org> National Institute of Naturopathy (NIN)
- <http://www.mafsu.in> Maharashtra Animal & Fishery Sciences University, Nagpur
- <http://www.tanuv.ac.in> Tamil Nadu Veterinary and Animal Sciences University , TANUVAS

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### ❖ Courses after 12<sup>th</sup> science with PCM:

- Engineering (B.E/ B.Tech)
- B.Arch
- Integrated M.Sc
- BCA
- Defence (Navy, Army, Air force)
- B.Sc. Degree
- LLB (Bachelor of Law)
- Education/ Teaching
- Travel & Tourism Courses
- Environmental Science
- Fashion Technology
- Hotel Management
- Designing Courses
- Media/ Journalism Courses
- Film/ Television Courses
- CA Program
- ICWA Program
- CS Program

### ❖ For detail visit following websites:-

- <http://www.jeemain.nic.in> IIT-JEE Main Entrance Exam.
- [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in) Directorate of Technical Education, Maharashtra State
- <http://www.coa.gov.in/school/admission.htm> Architecture Admission Guide Line (Council of Architecture)
- <http://www.nift.ac.in> National Institute of Fashion Technology (NIFT), Head Office, New Delhi
- <http://www.nda.nic.in> National Defense Academy
- <http://www.nchmct.org/> National Council for Hotel Management and Catering Technology
- <http://www.iittmgwalior.org/> Indian Institute of Tourism and Travel Management, Gwalior (IITTM)
- <http://www.riehopal.org/> Regional Institute of Education (RIE), Bhopal
- <http://www.tnteu.in> Tamil Nadu Teachers Education University
- <http://www.msct.org.in> Maharashtra State Council of Education Research and Training (D T Ed and B Ed Admission)
- <http://www.hnluraipur.com/> Hidayatullah National Law University, Raipur
- <http://www.nls.ac.in/> National Law School of India -Admissions, centres, student life, academics, faculty, and more.
- <http://www.nlujodhpur.ac.in> National Law University, Jodhpur
- <http://www.ijnm.org/> Indian Institute of Journalism & New Media (IJNM)
- <http://www.icmai.in> The Institute of Chartered Accountants of India.

### ❖ Diploma courses after 12<sup>th</sup> Science:

- Diploma in Beauty Culture & Hair Dressing
- Computer Hardware
- Fashion Designing – DFD
- Dress Designing – DDD
- Drawing and Painting
- Cutting and Tailoring
- Web Designing
- Graphic Designing
- Information Technology
- Application Software Development – DASD
- Textile Designing – DTD
- Hospital & Health Care Management
- Physical Medicine and Rehabilitation
- Film Arts & A/V Editing
- Animation and Multimedia
- Print Media Journalism & Communications
- Film Making & Digital Video Production
- Mass Communication
- Mass Media and Creative Writing
- Animation Film Making
- Air Hostess
- Air Crew
- Event Management

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- HR Training
- Computer Courses
- Foreign Language Courses

### ❖ For detail visit following websites:-

- [www.startoons.com](http://www.startoons.com) Heart Animation Academy, Mumbai
- [www.afaanimationindia.com](http://www.afaanimationindia.com) AFA-Animation And Fine Arts Academy, Coimbatore.
- [www.wlci.in](http://www.wlci.in) Wagon & Leigh College, Delhi.
- [www.aptechuniversity.ac.in](http://www.aptechuniversity.ac.in) Aptech University (at Arena Multimedia Centers)
- [www.race-india.com](http://www.race-india.com) RACE Animation College, Hyderabad
- [www.pran.in](http://www.pran.in) Prans Media, New Delhi
- [www.arenamultimedia.com](http://www.arenamultimedia.com) Arena Animation Academy
- [www.niemindia.com](http://www.niemindia.com) National Institute of Event Management, Mumbai.
- [www.nifms.com](http://www.nifms.com) National Institute for media studies, Ahemadabad.
- [www.iiftindia.net](http://www.iiftindia.net) International Institute of fashion Technology, New Delhi.
- <http://www.niftem.ac.in> National Institute of Food Technology Entrepreneurship and Management (NIFTEM), New Delhi

### ❖ Top 10 Courses after 12th Science

What to choose as a career after 12th Science is the biggest question that runs in every students mind. Parents too loose their peaceful sleep after their child clears 12th science board exam. Actually there are hundreds of options available to the students of 12th science stream. But without proper knowledge and guidance about the right option it does become difficult and confusing for both the students and their parents to select the suitable option for a bright career.

In this article information have been provided about Top 10 career after 12th science that will help students to choose what is best career options after 12th for them.

The term Science is actually used in a broad sense and it has two forms under its umbrella: Pure Science and Applied Science. Again science can be divided into two more sub categories namely: Maths category and Biology category. There are various graduation and professional courses available to the students as career after 12th science. Choosing a career options after 12th science is very promising as the scope for science student is very high and opportunities are always knocking at the door if they select right field of career matching with their natural talent. According to now-a-days market trend professionals with science background are always on high demand not only in home but also in abroad. The two most popular and most sought career options after 12th science in India are engineering and Medical.

For those who has a keen interest in Medical can opt for courses: MBBS or Bachelor of Medicine and Bachelor of Surgery. Those who wish to have a career in biology will surely agree this to be the best career option. Other options available in the Medical Field are: BDS (Bachelor of Dental surgery) and BAMS or Bachelor of Ayurveda medicine and surgery, Physician, Optometrists, Dental Surgeon, Pharmacists, Nursing and a lots of others

Students with interest in Math and Physics or chemistry can get into Engineering Field. There are many choices available in this field for specialization like Mechanical, Civil, Aeronautical, Bio-Medical, Information Technology, Marine, Electronics and telecommunication and many others. Engineering is by far the best career options after 12th science with a bright future.

### Some other opportunities available to the students after 12th science are the following:

#### ❖ Agriculture

Agriculture known to be the mainstay of Indian economy Agriculture includes Dairying, Poultry Farming and Horticulture apart from production of Fruits, Vegetables and food grains. In this field there many options available like research and teaching. One can select among these courses after 12th science in agriculture;-

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1. B. Sc in Agriculture.
2. B. Science in Agricultural Eco and Farm management
3. B. Sc in Agricultural Meteorology
4. B. Sc in Agricultural Biotechnology
5. B. Sc in Agricultural Statistics
6. B. Sc in Agronomy
7. B.Sc (Agriculture Mktg and Business Management)
8. B.Sc (Bio-chem and Agricultural Chemistry)
9. B. Sc in Crop Physiology
10. B. Sc in Entomology
11. B. Sc (Hons) in Agriculture

❖ **Forensic Science**

The field of Forensic science involves investigating of a crime with the help of applying scientific principles. These are degrees and diplomas after 12th for students who is interested in forensic science as career options after 12th.

1. B. Sc in Forensic Sciences
2. B. Sc in Life Science, Chemistry, Forensic Science
3. Diploma in Criminology and Forensic Science for Police personnel
4. B.Sc in Forensic Sciences
5. Diploma in F/Sciences (Ballistics and Finger Prints)
6. Diploma in Forensic Science (Cyber Crimes)
7. Diploma in Forensic Science (Computer Forensics)

❖ **Bio Technology**

The field of Biotechnology is totally a combination of biology with modern technology, which produce result in alter cells to manipulate them as required. It helps scientists to develop treatments for various diseases and very helpful to humans and other living forms. Biotechnology used in a variety of fields like Environmental, Agricultural, Pharmaceutical, Energy and Chemical. These are the degrees and diplomas after 12th in biotechnology:-

1. B. Science in Biotechnology
2. B. Sc in Biotechnology and Bio informatics
3. B.E. in Biotechnology
4. B. Tech (Industrial Biotechnology)
5. Diploma in Biotechnology

❖ **Geology**

Geology is the study of earth and everything related to its structure, processes including study of organisms inhabited on earth. Geology also comprises study of oceanography, hydrogeology, and geostatistics. Interest and study in this field may get you the chance to work with the environmental consultant companies, nonprofit organisation, natural resources consultant and companies, Universities and government agencies and Geological survey of India. These are the degrees and diploma after 12th in geology:-

1. B. Science in Geology
2. B.Sc (Hons) Geology
3. PG Diploma in Environmental Geology
4. PG Diploma in Engineering Geology
5. PG Diploma in Geology (Ground water)

❖ **Zoology**

It deals with the study of living and extinct animals their evolution, structure, behavior, function and interaction with environment. Zoology is diverse and broad field which includes studies of mammals,

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insects, birds, amphibians, reptiles, fishes and a lot of other. One can become zoologist, lecturer, ornithologist and even wildlife expert after studying in this branch of science. These are degree in zoology while considering career after 12th science:

1. B. Sc in Zoology
2. B. Science (Hons) in Zoology
3. B. Science in Aquaculture (Fishery Microbiology)
4. B. Sc in Advanced Zoology and Biotechnology
5. B. Sc in Zoology and Animal Biotechnology

❖ **Food Technology**

Food Technologist demand is growing day by day as rise in demand for packaged food and its long preservation due to many modern changes in food habits. Food technology deals with the scientific understanding about foods we eat and what are the actual production process to make foods, packaged and preserved. A degree in this field can get one the job of Food Quality controller, Research Officer, Packaging manager and a lot of others jobs. Students may go for food technology courses after 12th science;

1. B. Sc in Food Preservation and Processing
2. B. Sc in Food Processing
3. B. Sc in Food Processing and Technology
4. B. Sc in Food Storage, Preservation and Food Tech.
5. B. Sc in Food Technology (Bio-Chemical Engineering)
6. Diploma in Fish Processing Technology
7. Diploma in Sugar Technology

❖ **Microbiology**

This field is study of living organisms which may be a cell cluster, single cell or may be no cell at all, these are invisible to naked eye such as fungi, bacteria and viruses. There are many types of different microbiology. But Medical microbiology is well known as it deals with the human illness. Other Microbiology includes food microbiology, environmental microbiology and veterinary microbiology. There are ample of career opportunities and jobs for Microbiologists in Pharmaceutical, Food, Research and development laboratories in hospital, Beverage and chemical industries, Research organisations, Agriculture and Health care research.

1. B. Science in Microbiology
2. B. Science (Hons) in Microbiology
3. Diploma in Clinical Microbiology
4. Diploma in Clinical Pathology
5. Diploma in Industrial Microbiology

❖ **Textile**

Textile industries, with growing demands expanding multi dimensional and demand for its professional is sky rocketing. In this branch of engineering, scientific principle and techniques are being used in development and manufacturing of all types of textile fabric and fibers. Textile engineering also deals with physical and chemical principles which are being used for analysis of the polymer behavior involved in textile fiber formation. Textile engineering plays major role in control and design of Apparel and textile processes, products, machineries and fibers. There are a lot of job opportunities in this industries as a Process Engineer, Development Engineer, Medical Textile Engineer, Researchers, Quality control supervisor, Technologist, Operation Trainee, Technical services/Sales Manager etc. courses after 12th science in Textile technology are:-

1. Diploma in Textile Tech
2. Diploma in Textile Eng

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3. Diploma in Fabrication Tech and Erection Eng
4. B.E in Textile Technology
5. B.E in Textile Chemistry
6. B.E in Man Made Fiber Technology

❖ **Architecture**

Architecture deals with the construction of Buildings, bridges and other structures with ventilation, lighting planning, structural integrity, air conditioning system, electrical system and fire safety. An Architect job is providing plans on layout and design of buildings and structure. Architecture is a multi dimensional profession that revolves around a range of tasks and in recent times is a hot career among the aspirants. There are multiple opportunities in this field both in public and private sectors. After completing course there is a lot of employment opportunities in Central and state public work departments, housing and urban development boards, municipalities and private organizations. These are degrees and diploma after 12th in architecture;

1. Diploma in Architecture Assistantship
2. Diploma in Architecture Engineering
3. Bach Eng in Architecture Engineering
4. B. Tech in Architecture Engineering

❖ **Information Technology**

Information Technology is an ever green career inspiring a lot of students for a better career and attractive pay perks from reputed companies like TCS, Wipro, Infosys and a lot of others. Information technology (IT) is the use of telecommunication and computers equipment to gather, control, store, retrieve information and after processing, transmit and manipulate data. IT includes both hardware and software sectors. Now a days present evolution is sometimes considered as Information technology age. There is a lot of scope after trained in IT as Quality Analyst, PHP Developer, Programmers, IT Specialist, Software Developer, Technology Engineer, Graphic Designer and a lot of others. These are the degrees and diplomas after 12th in information Technology;

There are four types of Information Technology Course in computers:

1. University courses (Some offered dual qualification)
2. Courses offered by world class IT authorities companies like Microsoft, Sun and Oracle.
3. Department of Elect Accredited Computer courses.
4. Courses offered by small and large training institutes which are either affiliated with foreign universities or Indian and some have no affiliation at all.

Science is a field that also gives opportunity to the students to switch steams if they so desire. A science student also has the option of taking up careers in commerce and Humanities stream if they wish to afterwards. This gives a science stream student plethora of opportunities and career options after 12th science.

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