



# Careers after 12 Science (Biology Group)



## In Medical



**“Journey  
Of  
A thousand miles,  
Begins  
With  
Small  
Steps”.**



# MEDICAL

## ❖ Course :

Medical field contains a broad range of academic education other than MBBS. It contains the certificate courses, medical diploma courses, bachelor degree courses, master degree courses and many short time knowledge booster courses for medical professionals. The candidates having PCB or PCMB group in their +2 can appear in [NEET 2017](#) for admission to the top medical colleges of the country. It is an expanded field of educational study and there are so many courses including medical diploma courses, degree courses, certificate courses and [lab technical courses](#) & other medical technical courses.

## ❖ Eligibility:

admission to bachelor degree, the students must have to prepare for medical entrance test after 12<sup>th</sup> standard. The students must have science with Biology in 12<sup>th</sup> standard.

CPMT & CBSE are the top national level medical entrance test after 12<sup>th</sup>. Some universities conduct their own entrance examination.

❖ **Duration:** In India MBBS course is currently for a duration of **5.5 years**, which include **4.5 years** of curriculum plus **1 year** of rotating internship. Indian government has recently added an additional **1 year** of internship plus **1 year** of rural posting, making MBBS of total **7.5 years**.

## ❖ Scope:

Medical courses are in demand and fast growing. The healthcare industry is very large and around 14 million jobs are in the US only. The career is divided at the level of your education in the medical field. Whether you have a diploma or bachelor degree or master degree, you are in a race of a good career. After the completion of medical course you can choose the right organization or industry or hospital.

# **List of MBBS Colleges in Gujarat – Total Medical Seats in Gujarat**

**Ahmedabad  
Municipal Coporation  
Medical Education Trust Medical College,  
Ahmedabad**      **Gujarat University**      **Govt.**

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**B J Medical College,  
Ahmedabad**      **Gujarat University**      **Govt.**

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**CU Shah Medical  
College, Surendra  
Nagar**      **Saurashtra University Trust**

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**GCS Medical College,  
Ahmedabad**      **Gujarat University**      **Trust**

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**GMERS Medical  
College, Dharpur  
Patan**      **Hemchandracharya  
North Gujarat  
University,Patan**      **Govt-Society**

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**GMERS Medical  
College, Gandhinagar**      **Gujarat University**      **Govt-Society**

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**GMERS Medical  
College, Gotri,  
Vadodara**      **MS University of  
Baroda**      **Govt-Society**

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## Babaria Institute of Pharmacy



📍 Vadodra-Mumbai National Highway 8  
Vadodra, Gujarat  
☎ (0265) 6549999, 6599991  
📠 (0265) 2359999

Approved By: **AICTE**

### Courses Offered

- M.Pharm. (Pharmaceutical Technology)
- B.Pharm.
- M.Pharm. (Pharmaceutics) 📄

[More](#)

## Global Institute of Medical Sciences - GIMS

📍 Waghodia Road  
Vadodra, Gujarat  
📠 9099463048, 9099463178

### Courses Offered

- Diploma in Clinical & Community Psychology
- Diploma in Medical Record Technology
- Diploma in Health Insurance 📄

[More](#)

## Fortune Institute of Management and Technolgy



📍 201-202, Shailja Complex, Near R.C. Patel Estate, Akota  
Vadodra, Gujarat  
☎ (0265) 3265777

Approved By: **UGC**

### Courses Offered

- Diploma in Multipurpose Health Worker
- Diploma in Medical Laboratory Technology (DMLT)
- Diploma in Ayurvedic Pharmacy 📄

## Gujarat Medical Education and Research Society Medical College - GMERS



📍 Gotri Main Road, (Old TB Hospital Campus)  
Vadodra, Gujarat  
☎ (0265) 2398008  
📠 (0265) 2398009

## Gujarat Paramedical Science Institute - GPSI



📍 Dandia Bazar Main Road, Opposite Lakadi Pull  
Vadodra, Gujarat  
☎ (0265) 2422206  
📠 9825797595

### Courses Offered

- Diploma in General Nursing and Midwifery (G.N.M.)
- M.B.B.S.
- B.A.M.S. 📄

[More](#)

## J.C. Institute of Medical Sciences - JCIMS



📍 (Near Vishawamitri Fatak) Lalbaug Manjalpur  
Vadodra, Gujarat  
☎ (0265) 2660941  
📠 (0265) 2660941

[More](#)

## ITM Vocational University



📍 Plot 6512, Ajwa Nimeta Road, Ravaal, Taluka Waghodia  
Vadodra, Gujarat  
☎ () Toll Free No. 1800 209 9727  
📠 9574005021, 9574005018, 8000861008, 7817080861-62

Approved By: **UGC**

### Courses Offered

- A.N.M. (Nursing)
- Diploma in General Nursing and Midwifery (G.N.M.)
- B.Optom. 📄

## K.J. Pandya College of Physiotherapy

📍 P.O. Pipariya, Ta. Waghodia  
Vadodra, Gujarat  
☎ (02668) 245262, 245264  
📠 (02668) 245292

Approved By: **UGC**

### Courses Offered

- M.P.T.
- B.P.T.

**Private Medical  
collages in  
Vadodara**

## Medical College of Baroda, Vadodara



Alumni Rating: 4/5

**Diploma in Obstetrics & Gynecology** - Full Time , Diploma

Fees: Not Available

## Smt. B.K. Shah Medical Institute & Research Centre, Vadodara



**M.B.B.S.** - 66 Months , Full Time , Under Graduate Degree

Fees: INR 5225000

Affiliated to Deemed University

## ukraine medical education center, Vadodara



**ABROAD MBBS ADMISSION** - 6 Years , Full Time , Under Graduate Degree

Fees: INR 2000000

Affiliated to DONETSK NATIONAL MEDICAL UNIVERSITY

[Download E-Brochure](#)

Add

## Parul University (PU, Vadodara), Vadodara

*"Be Here Be Vibrant"*



**MBBS** - 65 Months , Full Time , Under Graduate Degree

Fees: Not Available

# Sumandeep Vidyapeeth University, Vadodara



Alumni Rating: 5/5

**Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.)** -

Under Graduate Degree

Fees: INR 950000

[Download E-Brochure](#)

# **MBBS** (Bachelor of

**Medicine, Bachelor of Surgery) is the most popular and designated degree of doctors. The doctor is also treated like a God or life-saver in India; hence it is one of the most respectful profession in India. It is the only bachelor degree that makes the students eligible to carry the term “doctor” with their name. This field is always been an evergreen field in the medical history. In this course, the students are taught about the human anatomy, human cytology, medicine, chemistry, pharmaceutical chemistry, drugs formulation & effect and method of surgery.**

**Course Type: Degree**

**Duration: 5.5 Years**

**Salary: around 4-8 lakh per Annum (for fresher)**

**Career Interest: Science**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**







**BDS** (Bachelor of Dental Surgery) is the only educational and professional programme for dental surgery. The BDS degree is equivalent to an MBBS degree but works in a different domain. In medical educational field, this is the second choice of the students after the MBBS course. In this course, the students are taught about the denture, dental problems and dental surgery. It is also a good job oriented degree and vast jobs options are available in hospitals, pharmaceutical and medical device manufacturing industries.

**Course Type: Degree**

**Duration: 5 Years**

**Salary: around 4-7 lakh per Annum (for fresher)**

**Career Interest: Science**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



# **BAMS**

**(Bachelor of Ayurvedic Medicine and Surgery) is the doctoral degree and can be done after the 12<sup>th</sup> Science (Biology). It is the bachelor degree in Ayurveda. It is also one of the sought courses after 12<sup>th</sup> among the science students having biology. It is equivalent to the MBBS degree programme. The ayurvedic medical treatment is growing in India. There is heavy demand of ayurvedic graduates in hospitals and in ayurvedic pharmaceutical industries.**

**Course Type: Degree**

**Duration: 5.5 Years**

**Salary: around 4-6 lakh per Annum (for fresher)**

**Career Interest: Science & Ayurveda**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



**BHMS** (Bachelor of Homeopathic Medicine and Surgery) is the doctoral degree and can be done after the 12<sup>th</sup> Science (Biology). It is the bachelor degree in Homeopathy. Beside MBBS and BAMS, it is also one of the popular courses after 12<sup>th</sup>. It is equivalent to the BAMS degree programme. The homeopathic treatment is one the oldest treatment adopted from the ancient time. There is heavy demand of homeopathy graduates in hospitals and homeopathic pharmaceutical industries like SBL, schwabe, etc.

**Course Type: Degree**

**Duration: 5.5 Years**

**Salary: around 4-6 lakh per Annum (for fresher)**

**Career Interest: Science & Homeopathy**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



**BUMS** (Bachelor of Unani Medicine and Surgery) course after 12<sup>th</sup>. The science (biology) students who are interested in Unani Medical Science can go for BUMS It is the bachelor degree. Unani medical treatment is one of the ancient medical treatment. Beside, BHMS and BAMS; it is also one of the reputed medical field after 12<sup>th</sup> and equivalent to the BAMS degree programme. There is a heavy demand of Unani graduates in hospitals and in homeopathic pharmaceutical industries like Hamdard, charak etc. for this course Urdu is compulsory upto class 10<sup>th</sup>.

**Course Type: Degree**

**Duration: 5.5 Years**

**Salary: around 3-5 lakh per Annum (for fresher)**

**Career Interest: Science, Unani Medicine**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



**Nurses** :The main motive of this educational programme is to produce the qualified and expert nursing professionals. Nurses are the members of the health care team. In this programme, the students are taught about the nursing and cure methods and techniques. After the completion of this course the candidate are free to work with hospital and healthcare organizations.

**Course Type: Degree**

**Duration: 4 Years**

**Salary: around 2-3 lakh per Annum (for fresher)**

**Career Interest: Science, Medical care**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



**Physiotherapy** is the therapy that helps to rehabilitate the temporary disable people. It is a non-medicine or surgery therapy. The concept of the physiotherapy is to recover the temporary disability by physical exercise. It is a good job oriented professional field. You can go for the job in hospitals or can do the private practice.

**Course Type: Degree**

**Duration: 4.5 Years**

**Salary: around 3-4 lakh per Annum (for fresher)**

**Career Interest: Science, Medical care**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



# Occupational

**Therapy** is the therapy that helps to rehabilitate the emotionally and physically challenged people. This therapy helps to make the life enable for such people. It is also a non-medicine or surgery therapy. The concept of the Occupational Therapy is to recover the emotional and physical disability by counselling and some practices. It is a good job oriented professional field. You can go for the job in hospitals or can do the private practice.

**Course Type: Degree**

**Duration: 3 Years**

**Salary: around 3-4 lakh per Annum (for fresher)**

**Career Interest: Science, Medical care**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**



# Medical lab Technology

In every science and medical field, there exists a lab. The career options or courses after 12<sup>th</sup> in medical lab technology are huge and provides ample job opportunities to the candidates having appropriate diploma/degree course in this field. In this course the students are taught about the analysis of medical test, microbiology, instrumentation and many other areas related to medical field.

**Course Type: Diploma/Degree**

**Duration: 1 Year/3 Years**

**Salary: around 1.5-2.5 lakh per Annum (for fresher)**

**Career Interest: Analysis**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**





**Pharmacy** is one of the most popular courses after 12<sup>th</sup> science. There is a heavy requirement of well-qualified pharmacists in our hospitals, colleges and pharmaceutical industries. This programme has the maximum job surety rather than others. This course involves the subjects like chemistry, pharmaceutical chemistry, drugs indication & contraindication, chemical structure, new drugs development, formulations, analysis of chemical and drugs, handling and calibration of the instruments uses in pharmacy and research & development.

**Course Type: Diploma/Degree**

**Duration: 2 Years/3 Years**

**Salary: around 2.5-3.5 lakh per Annum (for fresher)**

**Career Interest: Science & Pharmacy**

**12<sup>th</sup> Stream: Physics, Chemistry, Biology**