Bachelor of Science (B.Sc. PCM)

ITM University

3 Years   Under Graduate   Full Time

APPLY NOW

Bachelor of Science (B.Sc. PCM)

What is Bachelor of Science (B.Sc. PCM)?

B.Sc is a standard undergraduate programme that people pursue after finishing their 10+2 education. The course is often provided by all of the country's major institutions, with varying specialisations. B.Sc PCM prepares students for higher education in physical, mathematical, and chemical sciences while contributing to societal well-being. The course intends to assist students to comprehend the significance of the chemicals, chemical industry and enhancing human life quality. It also helps academics recognise and appreciate the contributions of outstanding scientists in the fields of physics, chemistry, and mathematics. The undergraduate course in Mathematics aims to provide students with a solid foundation in a variety of mathematics disciplines. B.Sc PCM helps pupils to build an excellent intellectual level while attempting to expose the many notions in mathematics. It also attempts to improve the student's thinking, analytical, and problem-solving abilities with the advancement of the course. The course primarily focuses on developing professionals who are aware of the functional and fundamental aspects of the Universe. It establishes the foundation of science, and applicants understand the chemical, physical, and mathematical sciences.

Eligibility Criteria for Bachelor of Science (B.Sc. PCM)

Candidates must have finished their 12th grade with at least a 55 % grade point average to be eligible for this course. During their 12th year, they must have studied physics, chemistry, and mathematics. The course must have some age restrictions, which must be confirmed before submitting the application form.

APPLY NOW

Master of Planning (M.Plan)
APPLY NOW

Master of Computer Applications (MCA) Mobile Computing
APPLY NOW

Master of Architecture (M.Arch.)
APPLY NOW

Master of Design (M.Des.)
APPLY NOW

Bachelor of Physiotherapy (BPT)
APPLY NOW

Master of Physiotherapy (MPT)

APPLY NOW

Scopes and Bachelor of Science (B.Sc. PCM)

B.Sc. graduates are not restricted to science-based disciplines; they can also work in a wide range of non-scientific sectors.

Aside from research and government positions, science graduates can find work in business, marketing, technical writing, the financial industry, and other fields.Biology Researcher, Chemist, Dairy Technologist, Doctor, Ecologist, Geneticist, Lecturer, Laboratory Technician, Marine Geologists, Oceanographers, Pharmacist, Plant Biochemist, Science Adviser, Taxonomist, Toxicologist, Cell Biologists, Food Microbiologists Conservationist, Bacteriologist, Biotechnologist, Farming consultant and others are examples of Bachelor of Science Jobs.

Career and Job Opportunities after Bachelor of Science (B.Sc. PCM)

Jobs for B. Sc (PCM) graduates are not limited to the discipline of science; they may also pursue careers in management, engineering, law, and other fields. Students who complete the B.Sc course can work in various professions, including both science and non-science fields. The career options offered to students are excellent in terms of remuneration and provide a rewarding work experience.

After completing their B. Sc. (PCM), students have a variety of options. Students can pursue a career in research; in some colleges, students are recruited directly by large organisations at an excellent salary package; some professional B.Sc courses with PCM background, or others such as animation and IT, open the door to the animation and IT industries for graduates; and other professional B. Sc fields also have numerous career opportunities. Aside from research employment, students can also work in marketing, business, and other technological sectors. Science graduates with PCM backgrounds are also hired as customer service executives in the banking industry. Students might also get work in the government sector.

Candidates are also allowed to get exposure to theoretical and experimental elements of disciplines and understand scientific advancements such as nanotechnology.

An individual's wage in this sector is determined according to his work field; several professional B. Sc (PCM) degrees have an excellent scope and offer attractive salaries to suitable candidates. Starting salaries in this area might range between Rs. 15,000 and Rs. 30,000. After obtaining valuable expertise in a particular sector, a student may earn Rs. 60,000 to Rs. 80,000 per month.

Fee Structure & Course Duration of Bachelor of Science (B.Sc. PCM)

The average B.Sc course fee ranges from INR 20,000 to INR 200,000.A B.Sc. degree course spans from 3 to 5 years, depending on the mode of study.

Campus

Gwalior

University

ITM University

Delivery Mode

Eligibility

12 with Science

Duration

3 Years

Type of Course

Under Graduate

Syllabus of Bachelor of Science (B.Sc. PCM)

Syllabus of Bachelor of Science (B.Sc. PCM)

Year 1

S.No	Subjects
1	Mechanics and Wave Motion
2	Atomic Structure,Bonding, and hydrocarbons
3	Calculus
4	English
5	Universal Human Values and Professional Ethics Foundation
6	Kinetic Theory
7	Chemical Energetic, Equilibrium & Organic Chemistry
8	Universal Human Values and Professional Ethics Foundation

Year 2

S.No	Subjects
1	Thermodynamics
2	Solutions, Electrochemistry &Organic Chemistry
3	Algebra
4	Solid State Physics Skill Enhancement
5	Basic Analytical Chemistry
6	Computer Fundamentals

Year 3

S.No	Subjects
1	Physical Optics
2	Lasers and Electrostatics
3	Electromagnetic
4	Industrial Chemicals and Environment
5	Quantum Chemistry, Spectroscopy & Photochemistry
6	Industrial Chemicals and Environment

7	Numerical Methods Discipline

ITM University Highlights

Established in	1997
University Type	Private University
Recognized by	UGC , AICTE , NCTE , BCI , PCI , COA , INC ,
Courses	74

Top Courses

Management

Pharmacy

Science

Law

Top Institue

Amity University Jaipur

Chandigarh University

Manipal University, Jaipur

Kalinga University

SGT University

Online Course

MBA

BBA

BCA

MCA

Other Useful Link

Study Abroad

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