

BITS Pilani Dual Degree System Explained

The **Dual Degree program** at BITS Pilani allows a student to graduate with **two degrees** at the same time: an Integrated **M.Sc. (Master of Science)** and a **B.E. (Bachelor of Engineering)**. This program typically takes **5 years** to complete.

1. The Entry Point: M.Sc. Branches Offered

When you apply for a Dual Degree through the BITS Admission Test (BITSAT), you are initially admitted into a 5-year Integrated M.Sc. program. BITS Pilani offers the following M.Sc. programs:

- M.Sc. (Biological Sciences)
- M.Sc. (Chemistry)
- M.Sc. (Economics)
- M.Sc. (General Studies)
- M.Sc. (Mathematics)
- M.Sc. (Physics)
- **M.Sc. Semiconductor and Nanoscience (Newly Added)**

2. How the First Year Works

The first year of study at BITS Pilani is **common for all students**, regardless of whether they are in a pure engineering (B.E.) branch or an M.Sc. dual degree branch. Everyone studies basic sciences, mathematics, and introductory engineering courses to ensure a level playing field.

3. What B.E. Branch Will You Get After the First Year?

At the end of your first year, you will be allotted your second degree—a B.E. (Engineering) branch based entirely on your **CGPA (Cumulative Grade Point Average)** from that 1st year.

- **Preferences:** You will submit a list of your preferred B.E. branches in order of priority.
- **Merit List:** The institute generates a merit list based on the CGPA of all first-year dual degree students.
- **Allotment:** Branches are allocated based on your CGPA ranking relative to your peers.

Every student enrolled in an M.Sc. dual degree program is **guaranteed** an engineering branch.

The full spectrum of B.E. programs available includes:

- B.E. (Computer Science)
- B.E. (Mathematics and Computing)
- B.E. (Electronics and Communication)
- B.E. (Electronics and Computer)
- B.E. (Electrical and Electronics)
- B.E. (Electronics and Instrumentation)
- B.E. (Mechanical)
- B.E. (Manufacturing Engineering)
- B.E. Environmental and Sustainability Engg.
- B.E. (Chemical)
- B.E. (Civil)

Dual Allotment Cutoffs

Please note that these are approximate data and actual cutoffs may vary year by year based on batch performance and seat availability.

B.E. Branch	Approximate CGPA Cutoff
B.E. (Computer Science) / CSE	8.3
B.E. (Mathematics and Computing) / MNC	8.0
B.E. (Electronics & Communication) / ECE	7.7
B.E. (Electrical & Electronics) / EEE	7.22
B.E. (Electronics & Instrumentation) / ENI	7.1
B.E. (Mechanical)	6.43
B.E. (Chemical)	5.25

B.E. Branch	Approximate CGPA Cutoff
B.E. (Civil)	4.6

4. Summary of Advantages

The biggest advantage of the dual degree system is that it gives you a second chance at securing a top-tier engineering branch like Computer Science or Mathematics and Computing if your initial BITSAT score wasn't high enough during admission. By working hard in your first year, you can lock in your desired engineering degree while also earning a highly specialized master's degree.

5. Document Creators & Contact Information

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