

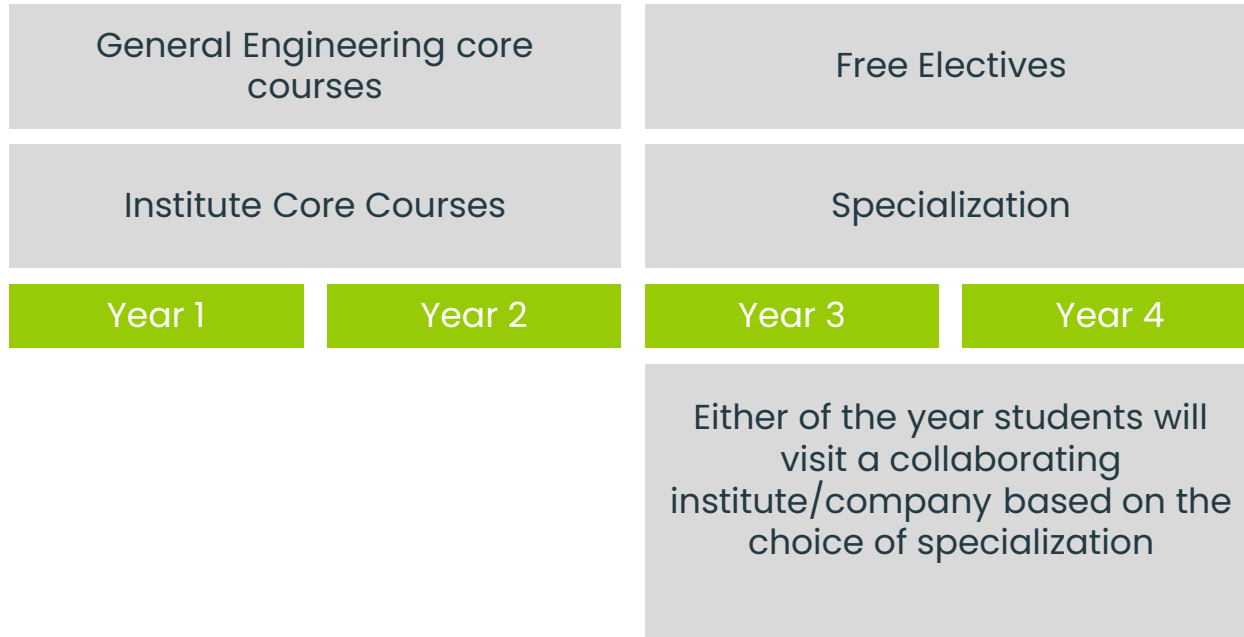


Indian Institute of Technology, Mandi



- A General Engineering program is an interdisciplinary course that provides students with a strong foundation in theoretical and practical engineering.
- Students learn the basics across various engineering streams in the first two years.
- For the final two years, they select a specialization and spend one year with a partner institute or company to gain in-depth expertise in their chosen field.
- The students will be offered a degree: **BTech in General Engineering with a specialization in ABC.**
- Students also have the choice of not taking any specialization.

General Engineering: Overall Structure



General Engineering: Compulsory Courses

Institute Core Courses

IC Courses
Institute Core
Courses

HSS
Humanities and
Social Science
Courses

IKS
Indian Knowledge
System

ISTP
Inter Socio-
Technological
Practicum

MTP
Final year project

General Engineering Discipline core courses

● Reverse Engineering	● Product realization Technology
● Electrical Systems Around Us	● Rigid Body mechanics
● Materials Science for Engineers	● Engineering Thermodynamics
● Measurement and Instrumentation	● Essentials of Entrepreneurship
● Mathematical Foundations of Data Science	● Communication Systems
● Artificial Intelligence	● Fluid Mechanics

General Engineering: Specializations

Dalarna University, Sweden
(7th and 8th Semester)

1. Energy Engineering
2. Information systems



**Central Manufacturing
Technology Institute**
(7th and 8th Semester)

3. Advanced manufacturing



**National Institute of
Fashion Technology**
(6th and 7th Semester)

4. Fashion Technology

IIT Mandi
(7th and 8th Semester)



5. Robotics
6. Entrepreneurship
7. Machine Learning
8. Microelectronics & VLSI

Active Specializations
36 Credits



Thank You!