

## DISCIPLINE

- Biotechnology
- Chemistry
- Economics
- Mathematics
- Physics

## MINORS

- Data Analytics
- Green and Sustainable Science
- Material Science
- Translational Health Science
- All majors will be minors for different departments

## SALIENT FEATURES

- Single Major with Minors
- Multiple entries & exits
- Admission through CUET UG rank

## OPPORTUNITIES

- Jobs in core sectors
- Higher education in premiere institutes
- Qualify national level examinations like CSIR/NET/GATE
- R&D professionals in Industry
- Make-in-India drive

## ABOUT DTU

Delhi Technological University (DTU) has served the nation since 1941 as Delhi Polytechnic, 1952 as Delhi College of Engineering, and 2009 as DTU. The University has a legacy of 83 years of providing quality education, research, and entrepreneurship. DTU is a non-affiliating, teaching and research University, committed to achieve excellence in Engineering, Science, Technology, Management, and allied areas. The University currently offers various inter-disciplinary and industry relevant programmes in Science, Technology, Management, and allied areas at Undergraduate, Postgraduate and Doctoral level.

## Integrated B.Sc. & M.Sc. PROGRAM

Integrated BSc & MSc program is a new program in the DTU based on NEP 2020. This is a 5-year program with multiple entries and exits designed for students who wish to peruse higher education after class XII. This programme allows the opportunity to experience the full range of skilled courses, vocational education and IKS based courses for holistic development and multidisciplinary education in addition to a focus on the chosen major and minors as per the choices of the student. The 4th and 5th year of the programs are research oriented. This allows the students to pursue their career in R & D or lead to PhD.

## ELIGIBILITY

Passed Class XII examination of any Board / University examination in India, or any foreign country recognized as equivalent to the 10+2 system by the Association of Indian Universities (AIU) with a minimum of 55% marks or equivalent grade along with valid CUET UG rank

## DELHI TECHNOLOGICAL UNIVERSITY

Established by the Govt. of NCT of Delhi vide Act 6 of 2009  
(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Bawana Road, Delhi-110042



## Integrated B.Sc. & M.Sc. PROGRAM

<http://www.dtu.ac.in>



Admission Process will start soon For more information keep visiting–

<http://www.dtu.ac.in>



WE OFFER

Lively environment, state-of-art research/practical labs, financial assistance to attend conferences, qualified faculty, awards, hostel accommodation, and many more.

Structure of 5-Year Integrated B.Sc. & M.Sc. Programme

The 5-Year Integrated B.Sc. & M.Sc. is a five year programme in different disciplines with multiple entry and exit options. The details of the structure is provided below in Tables – 1 and 2.

Table 1. Course Credits Summary

All courses are of 4 Credits; #Courses are of 2 Credits; ##Courses are of 6 Credits

S. No.	Course Type	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	Sem IX	Sem X	Total Credits	Credits Division
1	DCC	3	3	3	3	3	2	3	2	3	3	112	28×4 = 112
2	GEC*	1	1	1#	-	-	-	-	-	-	-	10	4+4+2 = 10
3	DEC/ GEC**	-	-	1	1	2	2 + 1#	1#	1 + 1#	-	-	34	7×4 = 28 + 3×2 = 6
4	DEC	-	-	-	-	-	-	-	-	1	1	8	4+4 = 8
5	AEC	1#	1#	1#	1#	-	-	-	-	-	-	8	2×4 = 8
6	SEC	1#	1#	1#	1#	-	1#	-	-	-	-	10	2×5 = 10
7	VAC	1#	1#	-	1#	-	-	-	-	-	-	6	2×3 = 6
8	Summer intern.	-	-	-	-	1#	-	-	-	-	-	2	2×1 = 2
9	Project	-	-	-	-	-	-	1##	1##	1##	1##	24	6×4 = 24
	Total		44		88		130		170			214	

\*GEC1-3: Multidisciplinary science

\*\*DEC/GEC: Minor Track

Table 2. Course Structure

Sem.	DCC (Cr)	DEC (Cr)	GEC (Cr)	AEC (Cr)	SEC (Cr)	VAC (Cr)	Internship/ Projects (Cr)	Total Credits
I	DCC 1(4) DCC 2(4) DCC 3(4)	-	GEC 1(4) Multi-disc.	Choose one from a pool of AEC courses (2)	Choose one from a pool of SEC courses (2)	Choose one from a pool of VAC courses (2)	-	22
II	DCC 4(4) DCC 5(4) DCC 6(4)	-	GEC 2(4) Multi-disc.	Choose one from a pool of AEC courses (2)	Choose one from a pool of SEC courses (2)	Choose one from a pool of VAC courses (2)	-	22
Students on exit after one year shall be awarded Undergraduate Certificate (in the Field of Study) after securing 44 credits of I and II semesters along with a minimum of 4 credits through work-based vocational courses offered during the summer term or through internship/apprenticeship.								44 + 4 = 48
III	DCC 7(4) DCC 8(4) DCC 9(4)	GEC 3(2) Multi-disc. & Choose one from pool of courses, DEC 1 (4) or Choose one from pool of courses, GEC – 4 (minor track) (4)		Choose one from a pool of AEC courses (2)	Choose one from a pool of SEC courses (2)	-	-	22
IV	DCC 10(4) DCC 11(4) DCC 12(4)	Choose one from pool of courses, DEC 2 (4) or Choose one from pool of courses, GEC – 5 (minor track) (4)		Choose one from a pool of AEC courses (2)	Choose one from a pool of SEC courses (2)	Choose one from a pool of VAC courses (2)	-	22
Students on exit after two years shall be awarded Undergraduate Diploma (in the Field of Study) after securing 88 credits of I - IV semesters along with a minimum of 4 credits through work-based vocational courses offered during the summer term or through internship/apprenticeship in first or second year.								88 + 4 = 92
V	DCC 13(4) DCC 14(4) DCC 15(4)	Choose two from pool of courses, DEC 3 & 4 (4+4) or Choose two from pool of courses, GEC – 6 & 7 (minor track) (4+4)		-	-	-	Summer intern. (2)	22
VI	DCC 16(4) DCC 17(4)	Choose three from pool of courses, DEC 5, 6, & 7 (4+4+2) or Choose three from pool of courses, GEC – 8, 9, & 10 (minor track) (4+4+2)		-	Choose one from a pool of SEC courses (2)	-	-	20

(i) Research Methodology shall be offered in VI semester as DEC 5/ GEC 8 included in minor track.							130
(ii) Students on exit after three years shall be awarded Bachelor of (in the Field of Study) with or without minor after securing 130 Cr (NHEQF Level-5.5)							
VII	DCC 18(4) DCC 19(4) DCC 20(4)	Choose one from pool of courses, DEC 8 (2) or Choose one from pool of courses, GEC – 11 (minor track) (2)	-	-	-	Project 1 (6)	20
VIII	DCC 21(4) DCC 22(4)	Choose two from pool of courses, DEC 9 & 10 (4+2) or Choose two from pool of courses, GEC – 12 & 13 (minor track) (4 + 2)	-	-	-	Project 2 (6)	20
Students on exit after four years shall be awarded Bachelor of (in the Field of Study) Honours or Honours with research (with or without minor) after securing 170 Cr (NHEQF Level-6.0)							170
IX	DCC 23(4) DCC 24(4) DCC 25(4)	Choose one from pool of courses, DEC 11 (4)	-	-	-	Project 3 (6)	22
X	DCC 26(4) DCC 27(4) DCC 28(4)	Choose one from pool of courses, DEC 12 (4)	-	-	-	Project 4 (6)	22
Students on completing five years shall be awarded Master of Science in (in the Field of Study) with or without minor) after securing 214 Cr (NHEQF Level-6.5)							214

1 Project - 1 or Entrepreneurship like startups, business etc. The Project 1 or Entrepreneurship will start in VII semester and continued to VIII semester as Project 2, however, their evaluation will be done in both semesters. Similarly, Project 3 will start in IX semester and continued to X semester as Project 4, however, their evaluation will be done in both semesters.

