

BEIJING JIAOTONG UNIVERSITY

BJTU-1.1

See below for the maximum credit exemptions approved.

Institution Unit Code	Institution Unit Name	UOW Subject Code	UOW Subject Name	Credit Points
20L394Q	Materials in Design	ENGG103	Materials in Design	6
20L393Q	Engineering computing and analysis	ENGG100	Engineering computing and analysis	6
73L160Q 73L187Q	Geometry and Algebra (B) Calculus B	MATH141	Foundations of Engineering Mathematics	6
73L178Q	Calculus B (II)	MATH142	Essentials of Engineering Mathematics	6
30L722Q	Fundamentals of Engineering Mechanics	ENGG102	Fundamentals of Engineering Mechanics	6
20L765Q	Engineering design for sustainability	ENGG105	Engineering design for sustainability	6
90L325Q	Electrical systems	ENGG104	Electrical systems	6
20L392Q	Programming for engineers	CSCI291	Programming for engineers	6
70L484Q	Physics for engineers (A)	Phys143	Physics for engineers	6
20L748Q	Digital hardware	ECTE233	Digital hardware 1	6
20L753Q	Engineering Fluid Mechanics (English)	ENGG252	Engineering fluid mechanics	6
73L168Q	Probability Theory and Mathematical Statistics (B)	MATH283	Advanced Engineering Mathematics and Statistics	6
30L723Q	Mechanics of solids	ENGG251	Mechanics of solids	6
20L752Q	Machine Dynamics	MECH226	Machine Dynamics	6
20L910Q	Fundamentals of machine component design	MECH215	Fundamentals of machine component design	6

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20L750Q	Signals and systems	ECTE203	Signals and systems	6
20S205Q	Thermodynamics, experimental methods and analysis	MECH252	Thermodynamics, experimental methods and analysis	6
20L749Q	Circuits and systems	ECTE202	Circuits and systems	6
20L761Q	Microcontroller architecture and applications	ECTE333	Microcontroller architecture and applications	6
20L912Q	Electronics	ECTE212	Electronics	6
20L758Q	Digital signal processing	ECTE 301	Digital signal processing	6
20L760Q	Engineering Design and Management	ECTE350	Engineering design and management	6
20L759Q	Robotics and Flexible Automation	ECTE471	Robotics and flexible automation	6
20L757Q	Control Theory	ECTE344	Control theory	6
20S004T	Engineering Training (A)	MECH203	Mechanical Workshop Practice	0
Total specified credit				144
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Unspecified credit at 100-level Note: if a student is approved less than 144 cap credit transfer, they are allowed to request a 100 level 6 cps unspecified credit transfer. But the total credits must be no more than 144cps.				6
Maximum eligible credit points of credit transfer				144