MECHATRONIC AND BIOMEDICAL, TESTAMUR MAJOR (T116)

Western Sydney University Major Code: T116

Previous Code: ST3089.1

Available to students in other Western Sydney University programs?
No

Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	pg-enq@westernsydney.edu.au

Major Structure

Students must complete 100 credit points as follows.

Subject	Title	Credit Points
Complete the following core double major subjects:		
MECH 7005	Advanced Robotics	10
MECH 7004	Advanced Mobile Robotics	10
ELEC 7008	Instrumentation and Measurement (PG)	10
ENGR 7024	Advanced Biomedical Electronics	10
Select three of the following Mechatronic major subjects:		**30**
ELEC 7001	Advanced Control Systems	
ELEC 7003	Advanced Electrical Machines and Drives	
MECH 7007	Mechanical System Design	
MECH 7008	Mechatronic System Design	
MECH 7003	Advanced Dynamic Systems	
Select three of the following Biomedical alternate major subjects:		**30**
ENGR 7023	Advanced Biomedical Data and Images	
ELEC 7002	Advanced Data Networks	
ELEC 7005	Advanced Signal Processing	
ENGR 7025	Human Physiology and Biomedical Technologies	
HLTH 7008	Introduction to Biostatistics	
ELEC 7009	Personal Communication Systems	
Total Credit Points		**100**

Related Programs

Master of Engineering (3693) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-engineering/)