MECHANICAL AND MECHATRONIC, TESTAMUR MAJOR (T112)

Western Sydney University Major Code: T112

Previous Code: ST3085.1

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 7007	Mechanical System Design	10
MECH 7008	Mechatronic System Design	10
MECH 7003	Advanced Dynamic Systems	10
MECH 7005	Advanced Robotics	10
Select three of the following Mechanical alternate major subjects:		**30**
MECH 7002	Advanced Computer Aided Engineering	
MECH 7001	Advanced Computational Fluid Dynamics	
MECH 7006	Advanced Thermal and Fluid Engineering	
CIVL 7005	Advanced Numerical Methods in Engineering	
Select three of the following Mechatronic alternate major subjects:		**30**
ELEC 7001	Advanced Control Systems	
ELEC 7003	Advanced Electrical Machines and Drives	
MECH 7004	Advanced Mobile Robotics	
ELEC 7008	Instrumentation and Measurement (PG)	
ENGR 7024	Advanced Biomedical Electronics	
Total Credit Points		**100**

Related Programs

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