

# MECHANICAL AND MECHATRONIC, TESTAMUR MAJOR (T112)

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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
<b>Complete the following core double major subjects:</b>		
MECH 7007	Mechanical System Design	10
MECH 7008	Mechatronic System Design	10
MECH 7003	Advanced Dynamic Systems	10
MECH 7005	Advanced Robotics	10
<b>Select three of the following Mechanical alternate major subjects:</b>		<b>30</b>
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	
<b>Select three of the following Mechatronic alternate major subjects:</b>		<b>30</b>
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	
<b>Total Credit Points</b>		<b>100</b>

## Related Programs

Master of Engineering (3693) (<https://hbook.westernsydney.edu.au/programs/master-engineering/>)