ELECTRICAL AND BIOMEDICAL, TESTAMUR MAJOR (T114)

Western Sydney University Major Code: T114

Previous Code: ST3087.1

Available to students in other Western Sydney University programs?
No

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:		
ELEC 7008	Instrumentation and Measurement (PG)	10
ELEC 7009	Personal Communication Systems	10
ELEC 7005	Advanced Signal Processing	10
ELEC 7002	Advanced Data Networks	10
Select three of the following Electrical alternate major subjects:		**30**
ELEC 7001	Advanced Control Systems	
ELEC 7003	Advanced Electrical Machines and Drives	
ELEC 7004	Advanced Power Quality	
ELEC 7006	Advanced Smart Grids and Distributed Generation	
ELEC 7010	Power System Planning and Economics	
Select three of the following Biomedical alternate major subjects:		**30**
ENGR 7024	Advanced Biomedical Electronics	
ENGR 7025	Human Physiology and Biomedical Technologies	
ENGR 7023	Advanced Biomedical Data and Images	
HLTH 7008	Introduction to Biostatistics	
MECH 7005	Advanced Robotics	
MECH 7004	Advanced Mobile Robotics	
Total Credit Points		**100**

Related Programs

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