



# TELEAS8621

## Master of Engineering in Telecommunications

### Program structure checklist

Never Stand Still

Engineering

School of Electrical Engineering & Telecommunications

Students have to complete 16 courses (96 UOC), normally over the 2-year period, from the following list:

Six Disciplinary Electives	<p>ELEC4621 Advanced Digital Signal Processing</p> <p>TELE4642 Network Performance</p> <p>TELE4651 Wireless Communication Technologies</p> <p>TELE4652 Mobile and Satellite Communications Systems</p> <p>TELE4653 Digital Modulation and Coding</p> <p>PHTN4661 Optical Circuits and Fibres</p> <p>PHTN4662 Photonic Networks</p>
Five Advanced Disciplinary Electives	<p>ELEC9725 Satellite Navigation: Systems, Signals &amp; Receivers</p> <p>TELE9751 Switching Systems Architecture</p> <p>TELE9752 Network Operations and Control</p> <p>TELE9753 Advanced Wireless Communications</p> <p>TELE9754 Coding and Information Theory</p> <p>TELE9755 Microwave Circuits, Theory and Techniques</p> <p>TELE9756 Advanced Networking</p> <p>TELE9757 Quantum Communications</p> <p>GMAT9205 Fundamentals of Geo-Positioning</p> <p>GMAT9210 GeoIT and Infomobility Applications</p> <p>GSOE9758 Network Systems Architecture</p>
Two Management Electives	<p>GSOE9420 Project Management in Engineering and Research</p> <p>GSOE9445 Entrepreneurial Engineering</p> <p>GSOE9510 Ethics and Leadership in Engineering</p> <p>GSOE9747 Innovation and Commercialisation for Engineers</p> <p>GSOE9820 Project Management</p>
1 Design course	ELEC9123 Design Proficiency
ME Project A	ELEC9120 Enroll in 1st semester of 2nd year
ME Project B	ELEC9121 Enroll in 2nd semester of 2nd year
Industrial Training (IT)	Need to get IT (60 working days) and submit an IT report; recommend to do work experience by the end of your 1st year

Note: check available courses offered in each semester from this site: <http://classutil.unsw.edu.au/>