

Elec9716 Electrical Safety
Elec9719 Real Time Digital Simulations
Elec9721 Digital Signal Processing Theory
Elec9722 Digital Image Processing
Elec9723 Speech Processing
Elec9725 Satellite Navigation
Elec9731 Robust and Linear Control Systems
Elec9732 Analysis and Design of Nonlinear
Elec9733 Real Computing and Control
Elec9725 Satellite Navigation
Elec9781 Special Topics in EE
Elec9782 Special Topics in EE

List of Engineering Technical Management (ETM) courses: (no more than 24uoc of ETM courses taken)

GSOE921 Engineering Decision Structures
GSOE9830 Engineering Economics OR EN9701 Engineering Economics
and Financial Management OR CEIC8204 Topics in Business Management in Chemical Engineering

Postgraduate by coursework program guideline t School of Electrical Engineering & Telecommunications

Master of Engineering Science (2 years)
 Program code 8338
 Specialisation: ELECIS8338 (Energy Systems)

Students choose		UOC
Disciplinary Courses	4 from List A	24
Advance Disciplinary Research	4 from List B	24

Graduate Diploma of Engineering Science (1 year)
 Program code 5341
 Specialisation: ELECRS5341 (Energy Systems)

Students choose		UOC
Disciplinary Courses	3 from List A	18
Advance Disciplinary Research	3 from List B	18

GSOE9017 Managing Energy Efficiency OR GSOE9121 Operational Energy Efficiency
 MATH3156 Optimization
 COMP9021 Principles of Programming
 MANF9472 Production Planning and Control
 GSOE9360 Professional Discourse in Engineering
 GSOE9820 Project Management OR CVEN9731 Project Management Framework
 GSOE9810 Quality in Engineering
 SOLA9103 RE System Modelling & Analysis
 MANF6860 Strategic Manufacturing Management
 SOLA9004 Sustainable and Renewable Energy
 CVEN9892 Sustainability Assessment
 GSOE9143 Sustainable Electrical Energy Technology Assessment
 SOLA5056 Sustainable Energy in Developing Countries

Notes:

Each course worth 6 units of credit (6 uoc).

Not all courses are offered in both semesters. Course availability in each session:

<https://www.engineering.unsw.edu.au/electrical-engineering/timeables>

Courses exemption: Students in the program may apply for some courses exemptions. Students with a four year honours degree (for example in Electrical Engineering) may obtain a maximum of 48 UOC of exemptions.

Postgraduate by coursework program guideline t School of Electrical Engineering & Telecommunications

Master of Engineering Science (2 years)
Program code 8338

Graduate Diploma of Engineering Science (1 year)

GSOE9445 Entrepreneurial Engineering
 MATH5846 Introduction to Probability and Stochastic Processes
 GSOE9340 Life Cycle Engineering OR SOLA9015 Life Cycle Assessment
 GSOE9017 Managing Energy Efficiency OR GSOE9421 Operational Energy Efficiency
 MATH3156 Optimization
 COMP9021 Principles of Programming
 MANF9472 Production Planning and Control
 GSOE9360 Professional Discourse in Engineering
 GSOE9820 Project Management OR CVEN9731 Project Management Framework
 GSOE9810 Quality in Engineering
 SOLA9103 RE System Modelling & Analysis
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 GSOE9143 Sustainable Electrical Energy Technology Assessment
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Notes:

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GSOE9143 Sustainable Electrical Energy • SOLA }šZ • ••]}v•X z}μ v š} À] Á šZ š]u š
 availability in each session:

https://www.engineering.unsw.edu.au/eTf_s.35.32_841.92_re_W*n_BT_/F7_11>3<0003>9<017D>-5<01B5>3<019

GSOE9810 Quality in Engineering
SOLA9103 RE System Modelling & Analysis
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SOLA