Master of Engineering Science Program

Approved electives from other schools

Note: Courses should be at least 3 hours per week, at a postgraduate level and 6 UOC. One to two day workshops or short courses are usually not permitted (unless equivalent to a 13 week course). Students should check with the relevant school before enrolling to make sure that they have the assumed knowledge or prerequisites to do the course. Also check current timetables to see whether the course is offered in the appropriate semester.

ACCT5930  Financial Accounting
ACCT5996  Management, Accounting and Business Analysis
ARCH7162  Environment
AVIA5018  Aviation Human Factors
BENV7809  Building Services
COMM5005  Quantitative Methods for Business
COMP9021  Principles of Programming
COMP9331  Computer Networks and Applications
CONS0009  Construction Planning and Control
CONS0016  Construction Risk Management & Business Analytics
CVEN9706  Human Resources Management (it is preferred you enrol in CVEN9707)
CVEN9707  Contract Management
CVEN9710  Management of Risk
CVEN9720  Problem Solving and Decision Making
CVEN9822  Steel and Composite Structures
CVEN9855  Water and Wastewater Analysis and Quality Requirements
CVEN9888  Environmental Management
CVEN9892  Sustainability Assessment and Risk Analysis
ECON5103  Business Economics
ECON5111  Economics of Strategy
ELEC9713  Industrial and Commercial Power Systems
ELEC9716  Electrical Safety
ELEC9721  Digital Signal Processing Theory and Applications
ELEC9731  Robust and Linear Control Systems
ELEC9733  Real Computing and Control
ENGG9741  Introduction to Nuclear Engineering
FINS5510  Personal Financial Planning and Management
FINS5530  Financial Institution Management
FINS5535  Derivatives and Risk Management Techniques

For GBAT courses, permission is required from the Australian Graduate School of Management
GBAT9102  Management of Manufacturing Systems
GBAT9106  Information Systems Management
GBAT9119  Managing for Organisational Sustainability
GBAT9122  Business Economics
GBAT9123  Fundamentals of Corporate Finance
GBAT9125  Fundamentals of People Management
GBAT9128  Quantitative Methods for Business Decision Making
GBAT9130  Enterprise Risk Management
GMAT9200  Principles of GPS Positioning
GMAT9606  Microwave Remote Sensing
GSOE9010  Engineering Postgraduate Coursework Research Skill
GSOE9011  Engineering Postgraduate Coursework Research Skill (online)
GSOE9017  Managing Energy Efficiency
GSOE9122  Integrated Design Studio for High Performance Buildings
GSOE9141  Smart Grids and Distribution Networks
GSOE9143  Sustainable Electrical Energy Technology Assessment
GSOE9210  Engineering Decision Structures
GSOE9510  Ethics and Leadership in Engineering
GSOE9712  Engineering Statistics and Experimental Design
GSOE9758  Network Systems Architecture
INFS5885  e-Business
INFS5978  Accounting Information Systems
MARK5700  Elements of Marketing
MARK5800  Consumer Behaviour
MARK5816  Services Marketing
MATH5165  Optimization
MATH5185  Special Topics in Applied Mathematics B
MATS6615  Materials Design
MATS6635  Materials Properties & Behaviour
MGMT5601  Global Business and Multinational Enterprise
MGMT5710  Managing and Leading People
MGMT5712  Negotiation Skills
MGMT5800  Technology, Management and Innovation
MGMT5801  Strategic Management of Technology and Innovation
MNGT8601  Managers, Markets and Prices
PTRL5009  Well Drilling Equipment and Operations
PTRL5011  Petroleum Production Engineering
PTRL5015  Overview of the Petroleum Industry
PTRL5016  Well Completions and Stimulation
SOLA9001  Photovoltaics
SOLA9009  Low Energy Buildings and Photovoltaics
SOLA9010  Wind Energy
SUSD0002  Resources, Materials and Sustainability
SUSD0003  Energy and the Built Environment
SUSD0009  Environmental Auditing

Courses not approved

CVEN9701  Engineering Economics and Financial Management (equivalent to GSOE9830)
CVEN9702  Project Planning and Control (equivalent to GSOE9820)
CVEN9730  International Project Management (equivalent to MANF9420)
CVEN9731  Project Management Framework (equivalent to GSOE9820)