

ELECTIVE SUBJECTS – MIS 100 & 150

Note: the availability of elective subjects changes from year to year. For updates and more details on subjects, including their timetabling and pre-requisites, see the University Handbook on-line <https://handbook.unimelb.edu.au> (Search Courses under "MC-IS" for MIS)

<http://currentstudents.eng.unimelb.edu.au/coursework/mis/>

KEY

1 –running in semester 1

2 –running in semester 2

Period – running in that period (eg Jan, Jun, Mar)

R – subject is currently being rested

Foundation Core

ISYS90026 Fundamentals of Information Systems – 1
ISYS90081 Organisational Processes – 1 & 2
INFO90002 Database Systems & Info Modelling – 1 & 2
ISYS90088 Introduction to Application Development – 2

IS Project and Change Management

ISYS90037 Managing IS Projects: People Proc. & Politics – R
ISYS90040 Managing Change for IS Professionals – 2
ISYS90052 Managing Large Projects – R

IT Service Provision

ISYS90036 Enterprise Systems – 1
ISYS90034 B2B Electronic Commerce – 2
ISYS90055 Managing IT Outsourcing – 2, (Jan 2018)
ISYS90070 Information Security Consulting – Jun

Business Analytics

ISYS90086 Data Warehousing - Jan
MGMT90141 Business Analysis & Decision Making – Jan, 1 & 2
COMP90049 Knowledge Technologies – 1 & 2
MAST90072 Data and Decision Making – 1

IT Innovation and Interaction Design

ISYS90035 Knowledge Management Systems – 1
ISYS90039 Innovation & Entrepreneurship in IT - 2
ISYS90085 Interaction Design and Usability – 2
ISYS90087 Service Management and Innovation – 1

Industry Based Learning

ISYS90082 Industry Based IT Experience Project (must enroll in 2 consecutive semesters - S1 & S2 or S2 & Jan) – 25 points
ENGR90033 Industry Based Learning – Jan, 1 & 2

Entry into these Industry Based Learning subjects is competitive and application processes will need to be followed for entry (see handbook entries).

Research (must complete BOTH of these subjects)

ISYS90031 Research Methods in Information Systems (S1)
ISYS90044 Minor Research Project in IS

MIS Course Coordinator approval is required for subjects in research. Students will normally be required to achieve at least a 75% average with no subject receiving less than 65%. Students will also normally achieve a mark of 80% in Research Methods to be able to continue in the research studies elective stream. Entry is dependent on the availability of a suitable supervisor for the chosen area of research.

Lower Core (MIS 100 point only)

ISYS90048 Managing ICT Infrastructure – 1 & 2
ISYS90049 Business Analysis Modelling and Design – 1 & 2
ISYS90045 Professional IS Consulting – 1 & 2
ISYS90050 IT Project and Change Management – 1 & 2

Health

ISYS90069 eHealth & Biomedical Informatics Systems. – 1
INFO90001 eHealth & Biomedical Informatics Methods - 2
ISYS90076 IT Infrastructure for eHealth – 1
ISYS90077 eHealth Applications and Solutions – 1
ISYS90078 Health Data, Information and Knowledge – 2
POPH90263 Technology and Ageing – Online - Oct

Technical Subjects

Other technical computing subjects can be selected from the MIT as elective subjects. See

<https://handbook.unimelb.edu.au/view/2016/MC-IT> for a list.

Geomatics

GEOM90008 Foundations of Spatial Information – 1 & 2
GEOM90007 Spatial Visualisation – 2
GEOM90015 Spatial Data Infrastructure – 2
GEOM90016 Advanced Topics in GIScience – 1
GEOM90018 Spatial Databases – 1

General Management

MGMT90140 Management Competencies – Jan, 1 & 2
MGMT90144 Managing for Value Creation – Jan, 1 & 2
MGMT90111 Management and Business Communication – 1
ECON90015 Managerial Economics – 1 & 2

Accounting & Finance

ACCT90004 Accounting for Decision Making – Jan, 1&2
ACCT90009 Strategic Cost Management – 1&2
BISY90009 Managing Information Technology – Jan, 1&2
ACCT90012 Corporate Reporting – 1 & 2

Operations & Marketing

MGMT90032 Operations Management – 2
MKTG90017 Internet Marketing – 2
MKTG90007 Service Marketing – 1

People Management

IBUS90004 Cross Cult Mgmt. & Teamwork – Mar & Aug
MKTG90004 Marketing Management – Jan, 1 & 2
MGMT90011 Managing Stakeholders – 1