Meet Your Course Coordinator-
Master of Information Systems
For future leaders in IT Management & Business

PRESENTED BY: Dr Wally Smith

Coordinator: Dr Sean Maynard
Melbourne School of Engineering
LinkedIn  http://www.linkedin.com/in/seanbm69
Email    seanbm@unimelb.edu.au
Welcome to Melbourne (the City of)
And to Melbourne (the University of)
Information Systems is the study of the interaction between technology and people. It uses hardware and software as tools to solve social and business problems.

**Technical Knowledge**
- databases, programming, etc.

**Management Knowledge**
- managing change, knowledge management, data management and analytics, project and change management, etc.

**Business Knowledge**
- organisational processes, etc.
• Employment for **ICT Managers** to November 2019 is expected to be above average. Employment in this very large occupation (58000 in 2015) rose very strongly in the past five years and rose strongly in the long-term (ten years).

• Employment for **ICT Business and Systems Analysts** to November 2019 is expected to grow very strongly. Employment in this large occupation (25,900 in November 2015) rose moderately in the past five years and in the long-term (ten years).

• Employment for **Database & Systems Administrators & ICT Security** to November 2019 is expected to be above average. Employment in this large occupation (38,100 in November 2015) rose very strongly in the past five years and rose strongly in the long-term (ten years).

• Employment is in fields such as
  – Professional, Scientific and Technical Services, Health, Financial and Insurance Services and Public Administration and Safety
National Australia Bank (NAB)
PriceWaterhouseCoopers (PWC)
SMS Management & Technology
KPMG
State Government, Victoria
BHP Billiton
Accenture
Site Point
ANZ Bank
Australia Post

Our partners have *shaped* our programs in areas of high demand
“…it was that balance between the management side and the technical side which really meant the MIS stood out for me.”

Stephen Edgeworth
Alcatel Luscent

“I chose the Master of Information Systems with Melbourne University because of the broad range of options I knew the course would provide for my future career.”

SAP Consultant, Accenture (Malaysia)
Lavinia Jayasainan
Melbourne School of Engineering
Computing and Information Systems

About CIS
Formed in 2012 from the merger of Computer Science and Software Engineering, and Information Systems, CIS is one of Australia's leading IT academic environments.

Read more

Study With Us
We offer world-leading programs across the IT spectrum at all of undergraduate, graduate coursework, and graduate research levels, to both Australian and international students.

Read more

Research
Our high international standing is a result of innovative research across a wide range of IT disciplines and their applications. We are home to ground-breaking technology.

Industry and Community
Our success is based on strong collaborations with industry, government, and alumni partners. Our students and associates are our best asset.

Make a gift online

News
» Superhuman abilities could lurk under your skin
» No more keys or cards? Technology goes under the skin
» Can hackers turn off the lights?
» Kinecting with the orang-utans
» View all news
MSE Welcome Celebration
Engineering Student Lounge, Old Engineering Building

4:15-6:00
Light refreshments
Public Lectures

Hear about the latest research in Engineering & IT

go.unimelb.edu.au/bh2a

Disaster management, rehabilitation engineering, social algorithms, healthy buildings, and more...
What’s life like in the MIS?
• Lots of students
  – MIS, MIT, other Masters courses

• MIS Classes
  – What are MIS classes like?
  – When are MIS classes taught?
    • Weekly classes (Day / Evening), Block Mode classes
  – Industry Staff / Academic Staff
  – Lectures
  – Group work – Your employers expect it!
  – What is expected of you?
Some differences you may find in Australia:

- More unscheduled class time than at home
- Self-directed learning & less individual attention from lecturers
- More active discussion in tutorials
- Academics expect a more argumentative and less descriptive style of writing for essays and exams
- A different approach to grading assignments

The marking system was a bit difficult to adjust to. It’s quite difficult to get that H1 (80+), they’re much rarer here.

Fredrik, Germany
• Important Reminder
  – It is expected that all students remain in Melbourne for the ENTIRE examination period and ideally until the release of results on Friday 7 July 2017
  – You must not book flights for departure during the exam period.
  – The exam timetable CANNOT be changed. NO EXCEPTIONS!
• The University uses the following marks scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark</th>
<th>Normal # students</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1</td>
<td>80% +</td>
<td>~20%</td>
</tr>
<tr>
<td>H2A</td>
<td>75% +</td>
<td>About 60-70% of students get grades in the H2-H2A range</td>
</tr>
<tr>
<td>H2B</td>
<td>70% +</td>
<td></td>
</tr>
<tr>
<td>H3</td>
<td>65% +</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>50%+</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>&lt;50%</td>
<td>Usually 10% fail (less in Postgraduate)</td>
</tr>
</tbody>
</table>

Other Strange Grades you might see

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49 NH</td>
<td></td>
<td>This means you failed one of the subject hurdles</td>
</tr>
<tr>
<td>WXT</td>
<td></td>
<td>The mark isn’t ready yet – its withheld</td>
</tr>
<tr>
<td>CNT</td>
<td></td>
<td>The subject goes across more than one semester and thus there isn’t a mark yet – its continuing</td>
</tr>
</tbody>
</table>
• Academic Integrity
  – Rich tradition
  – The University of Melbourne expects the highest ethical standards from its students and staff in all areas of their academic work and professional behaviour. The work of each individual reflects on the academic and professional standing of the University as an institution that upholds ethical practice in research, learning, and teaching. Academic work submitted for assessment or publication must be the original work of the author or authors. **If the ideas or words of others have been drawn upon, this must be thoroughly and clearly acknowledged using agreed scholarly conventions** (Prof Richard James)

• A guide for how to reference sources in your reports is provided at http://www.lib.unimelb.edu.au/cite/
• 140 allegations of academic misconduct
• 50 resulted in educative exercises
• 2 found not guilty
• 54 given substantial penalties (zero for subject or zero for the assignment)
• 34 received reprimands
• Copying and pasting from web sites or other published material, even if referenced (but not quoted)
• Same as 1) but then substituting some synonyms in the belief that it is paraphrasing
• Copying images and tables without acknowledgment
• Copying words, analysis, structure or style from other students (often from previous years)
• Using computer code from others without acknowledgment
• “Signing in” for other students where attendance is mandatory
• Not turning off mobile phones in exams
Easiest ways to avoid academic misconduct

• Compose the argument yourself, rather than modifying someone else’s.
• Develop and set out analysis yourself.
• Learn the fine detail of how to properly reference the work of others.
• Learn how to read a ‘Turn It In’ report so you can check a team mates work.
• Use a reference manager (EndNote or Mendeley)
• Decide whether you want to learn and maintain your self respect and values
• Self-paced material on library skills useful for research
  – Contains both basic and advanced material
  – you can skip around
    • so if your library skills are already well-developed, you can skip the basic material concentrate on the more advanced material, which might be new to you.
  – Suggests concrete ways to relate these skills to your particular research area

• Access from the LMS:
  – “My Communities” is under “My Subjects”
  – Click on “Library Research Skills for Engineering”
Course Structure

<table>
<thead>
<tr>
<th>Course Structure - MIS Health</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foundation Core</strong></td>
</tr>
<tr>
<td>ISYS90026 Fund. of IS or ISYS90081 Org. Processes</td>
</tr>
<tr>
<td>ISYS90069 eHealth &amp; Biomed Systems</td>
</tr>
<tr>
<td>INFO90002 Database</td>
</tr>
<tr>
<td>ISYS90088 Application Devt</td>
</tr>
<tr>
<td><strong>Lower Core</strong></td>
</tr>
<tr>
<td>ISYS90049 Bus. Anal. &amp; Mod.</td>
</tr>
<tr>
<td>INFO90001 eHealth &amp; Biomed Methods</td>
</tr>
<tr>
<td>ISYS90078 Health Data, Info &amp; Knowledge</td>
</tr>
<tr>
<td><strong>Upper Core</strong></td>
</tr>
<tr>
<td>ISYS90038 IS Strat. Govern.</td>
</tr>
<tr>
<td>ISYS90043 Ent. Apps. Archs.</td>
</tr>
<tr>
<td>ISYS90077 eHealth Apps &amp; Solutions</td>
</tr>
<tr>
<td>ISYS90076 IT Infra. for Health</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
</tr>
<tr>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
</tr>
<tr>
<td>CAPSTONE</td>
</tr>
<tr>
<td>CAPSTONE</td>
</tr>
</tbody>
</table>

**CAPSTONE:** Choose between
ENGR90033 Internship (eHealth) or ISYS90079 Health IT Project
• Electives (Everyone)
  – Students would normally select four subjects from the list of electives.
  – We group Electives into “Streams”
    • You can select electives from within a stream, or can select from multiple streams
  – A subject in the foundation, or lower core you haven’t done can be an elective (100 & 150 point students)
  – Students may also study electives from elsewhere in the University and if interested they should discuss this with the MIS coordinator.
• Areas of Electives:
  
  – *IS Project and Change Management*
    • ISYS90040 Managing Change for IS Professionals – 2
    • ISYS90052 Managing Large Projects – 2 (rested 2017)
  
  – *IT Service Provision*
    • ISYS90055 Managing IT Outsourcing – 2 (2017) Summer (from 2018)
    • ISYS90036 Enterprise Systems – 1
    • ISYS90034 B2B Electronic Commerce – 2
    • ISYS90070 Information Security Consulting – June
• Areas of Electives:
  
  – **Business Analytics**
    • ISYS90086 Data Warehousing - Summer
    • MGMT90141 Business Analysis & Decision Making – 1&2
    • COMP90049 Knowledge Technologies – 1&2
    • MAST90072 Data and Decision Making – 1

  – **IT Innovation and Interaction Design**
    • ISYS90035 Knowledge Management Systems – 1
    • ISYS90085 Interaction Design and Usability – 2
    • ISYS90087 Service Management and Innovation – 1
Areas of Electives:

- **eHeath**
  - ISYS90069 eHealth & Biomedical Informatics Syst. – 1
  - ISYS90078 Health Data, Information and Knowledge – 2
  - INFO90001 eHealth & Biomedical Informatics Methods - 2
  - ISYS90077 eHealth Applications and Solutions – 1
  - ISYS90076 IT Infrastructure for eHealth – 1
  - 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/2015/MC-IT](https://handbook.unimelb.edu.au/view/2015/MC-IT) for a list.
• Areas of Electives:
  – **Geomatics**
    • GEOM90008 Foundations of Spatial Information – 1
    • GEOM90007 Spatial Visualisation – July
    • 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 – 1&2
    • MGMT90111 Management and Business Communication – 1
    • ECON90015 Managerial Economics – 1&2
• Areas of Electives:

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

  – **Operations & Marketing**
    • MGMT90032 Operations Management – Sept
    • MKTG90017 Internet Marketing – 2
    • MKTG90007 Service Marketing – 1
• Areas of Electives:
  
  – **People Management**
    • IBUS90004 Cross Cult Mgmt. & Teamwork – Mar & Aug
    • MKTG90004 Marketing Management – Summer, 1&2
    • MGMT90011 Managing Stakeholders – 1
  
  – **Other Subjects**
    • ISYS90082 Industry Based IT Experience Project (must enroll S1 & S2 or S2 & Summer – 25 points)
    • ENGR90033 Industry Based Learning – Jan, 1&2
    • BUSA90473 Melbourne Business Practicum – Feb, Jul
    • BUSA90485 Global Business Practicum – Jan, Jul
The Master of Information Systems (MIS) is a 200 credit point coursework degree for those interested in professional or research careers in IT management and digital business; professionals supporting, managing and changing business processes through information and communications technology (ICT) and information systems. Elective streams are available in areas such as: IS Project and Change Management, IT Service Provision, Business Analytics, IT Innovation and Interaction Design, Spatial Information, and eHealth. Students choose between one of two specializations:

https://handbook.unimelb.edu.au
### ISYS90081 Organisational Processes

<table>
<thead>
<tr>
<th>Credit Points:</th>
<th>12.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level:</td>
<td>9 (Graduate/Postgraduate)</td>
</tr>
</tbody>
</table>

This subject has the following teaching availabilities in 2016:

- **Semester 1, Parkville - Taught on campus.** [Show/hide details](#)
  - Pre-teaching Period Start: not applicable
  - Teaching Period: 29-Feb-2016 to 29-May-2016
  - Assessment Period End: 24-Jun-2016
  - Last date to Self-Enrol: 11-Mar-2016
  - Census Date: 31-Mar-2016
  - Last date to Withdraw without fail: 06-May-2016

**Dates & Locations:**

- **Semester 2, Parkville - Taught on campus.** [Show/hide details](#)
  - Pre-teaching Period Start: not applicable
  - Teaching Period: 25-Jul-2016 to 23-Oct-2016
  - Assessment Period End: 18-Nov-2016
  - Last date to Self-Enrol: 05-Aug-2016
  - Census Date: 31-Aug-2016
  - Last date to Withdraw without fail: 23-Sep-2016

Timetable can be viewed [here](#).
For information about these dates, click [here](#).

**Contact Hours:** 36 hours, comprising of one 3 hour seminar per week

**Total Time Commitment:** 200 hours

**Prerequisites:** None

**Corequisites:** None

**Recommended Background Knowledge:** None

**Non Allowed Subjects:** None

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For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Standard No. 4), and other relevant legislation, the university does not discriminate on the grounds of disability.

**Coordinator**
Dr Wally Smith

**Email:** wsmith@unimelb.edu.au
# ISYS90070 Information Security Consulting

| Credit Points: | 12.5 |
| Level: | 9 (Graduate/Postgraduate) |

This subject has the following teaching availabilities in 2016:

- **Dates & Locations:**
  - June, Parkville - Taught on campus. Show/hide details
  - Pre-teaching Period Start: not applicable
  - Teaching Period: 25-Jun-2016 to 23-Jul-2016
  - Assessment Period End: 29-Aug-2016
  - Last date to Self-Enrol: 30-Jun-2016
  - Census Date: 08-Jul-2016
  - Last date to Withdraw without fail: 05-Aug-2016

Timetable can be viewed [here](#).
For information about these dates, click [here](#).

**Time Commitment:**
- Contact Hours: 36 hours
- Total Time Commitment: 200 hours

**Prerequisites:**
- None

**Corequisites:**
- None

**Recommended Background Knowledge:**
- None

**Non Allowed Subjects:**
- None

**Core Participation Requirements:**
- For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Overview, Objectives, Assessment and Generic Skills sections of this entry.
- It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact

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**Contact**
Dr Atif Ahmad
Email: atif@unimelb.edu.au
### Subject: ISYS90081/U1/SM1 - Organisational Processes

**Department:** ENGR - Comp & Info Sys  
**Displaying Dates:** 04 Jan 2016 - 01 Jan 2017 (week 1-52)

<table>
<thead>
<tr>
<th>Class/Events</th>
<th>Description</th>
<th>Day</th>
<th>Start</th>
<th>Finish</th>
<th>Duration</th>
<th>Weeks</th>
<th>Location</th>
<th>Class/Events Date</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS90081/U1/SM1/L01/01</td>
<td>Lecture 1</td>
<td>Monday</td>
<td>17:30</td>
<td>20:30</td>
<td>3:00</td>
<td>9-12,14-21</td>
<td>PAR-Chemistry-189 (Masson Theatre)</td>
<td>29 Feb 2016 - 21 Mar 2016, 04 Apr 2016 - 23 May 2016</td>
<td>29 Feb 2016</td>
</tr>
</tbody>
</table>

### Subject: ISYS90081/U1/SM2 - Organisational Processes

**Department:** ENGR - Comp & Info Sys  
**Displaying Dates:** 04 Jan 2016 - 01 Jan 2017 (week 1-52)

<table>
<thead>
<tr>
<th>Class/Events</th>
<th>Description</th>
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<th>Start</th>
<th>Finish</th>
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<th>Weeks</th>
<th>Location</th>
<th>Class/Events Date</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS90081/U1/SM2/L01/01</td>
<td>Lecture 1</td>
<td>Friday</td>
<td>12:00</td>
<td>15:00</td>
<td>3:00</td>
<td>30-36,40-42</td>
<td>PAR-Redmond Barry-102 (Latham Theatre)</td>
<td>29 Jul 2016 - 23 Sep 2016, 07 Oct 2016 - 21 Oct 2016</td>
<td>29 Jul 2016</td>
</tr>
</tbody>
</table>
• In the LMS!

Job Opportunity - First Derivatives PLC

We are an Irish organization who works within the Capital Markets industry. Luckily for us business is booming and we have a large number of graduate vacancies currently available.

We are currently looking for people with a Computer Science/IT/Engineering background who are available to start work immediately.

We have exciting roles that involve an initial training period here in Ireland and then returning to work on client sites throughout Australia.

We would like to target both your alumni and students in final year.

FD provides fantastic client exposure and we also provide free accommodation for our graduates throughout their career with us. I have attached some information which may be useful for students.

Perhaps you could circulate our opportunities to relevant students who may be interested in applying? One thing I must note is that we do require Australian citizenship from candidates due to the travelling nature of the job. In order to apply candidates simply click on the links below for our website and attach a CV and we will be in touch.

See more here
On this page we have made available the welcome slides for students starting in semester 1 or semester 2. We will also have the most current course plans for each course for each starting semester. Also, a list of current (and planned) electives (subject to change) will be available.

Course Coordinator: Sean Maynard (sean.maynard@unimelb.edu.au)

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**SEMESTER 1 START - MIS Welcome Slides 2016 - S1**

**MIS Professional Specialisation**
- 200 Point Course Plan
- 150 Point Course Plan
- 100 Point Course Plan

**MIS Health Specialisation**
- 200 Point Course Plan

**MIS Research**
- Research Course Plan

Research can be done in the 100/150 point programs by using 3 electives (see the above link).

**Electives**
A list of current and planned electives. Electives may change on a year by year basis
- 200 Point Professional Specialisation Electives
- 200 Point Health Specialisation Electives
- 100 & 150 Point MIS Electives
- 200 Point Research Specialisation Electives

**Links**
1. Melbourne School of Information
2. Master of Information Systems - for excellence in IT mar
3. Melbourne School Engineering
4. Handbook Entry for the MIS
5. Study a PhD in Information Security Management
Stop 1 offers a range of services to help you succeed as a student

- **Administrative and information services** - fees, transcripts/academic statements, scholarships and graduations
- **Enrolment services** - course planning, enrolment assistance, special consideration and student equity
- **Skills and development services** - employability, global experience, academic development, and student development
- **Support services** - disability, housing, financial aid, the Safer Community Program and international student support
Look online

- **students.unimelb** for comprehensive information
- **ask.unimelb** has answers to more than 800 FAQs
- **Facebook** facebook.com/uomstop1 for updates
- **Twitter** twitter.com/uomstop1 and #stop1 for updates

Still can’t find what you’re looking for?

*Ask us online or check our FAQs at ask.unimelb.edu.au*
*Call us at 13 MELB (13 6352)*
*Visit us at PARKVILLE 757 Swanston Street SOUTHBANK (VCA & MCM students only)*
As a student, you may have ongoing or episodic circumstances that adversely affect your academic performance. These could include:

<table>
<thead>
<tr>
<th>Example circumstances</th>
<th>Example study adjustments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic illness</td>
<td>Leave of absence</td>
</tr>
<tr>
<td>Disability</td>
<td>Reduced study load</td>
</tr>
<tr>
<td>Students with carer status</td>
<td>Alternative exam arrangements</td>
</tr>
<tr>
<td>Elite athletes or performers</td>
<td>Support, such as note-takers</td>
</tr>
<tr>
<td>Army Reservists</td>
<td>Specialist equipment/technology</td>
</tr>
</tbody>
</table>

If you have ongoing circumstances that may affect your studies, find out how to register for assistance at [students.unimelb.edu.au/admin/special](students.unimelb.edu.au/admin/special)
As a student, you have access to a range of wellbeing services including:

- **Health Service**
  8:45am – 5pm, Monday to Friday

- **Counselling and Psychological Services**
  9am – 5pm, Monday to Friday

- **Chaplaincy**
  9am – 5pm, Monday to Friday

138 Cardigan Street, Carlton

students.unimelb.edu.au/balance
• If nothing has changed since your application
  – no need to apply, advanced standing (credits or exemptions) has already been assessed

• If there are changes since your application
  – Apply for more advanced standing (By the end of Week 1)
    • [http://students.unimelb.edu.au/admin/credit](http://students.unimelb.edu.au/admin/credit)
    • need to provide transcript, syllabus for assessment

• If you get to a subject and think you have already **studied** the materials please see me to discuss your options. For example:
  – students who are full time or have extensive work experience shouldn’t complete ISYS90045
  – students who have already studied programming shouldn't complete the programming subject ISYS90088, likewise for database INFO90002
• If you see a subject in the Handbook that should be available in your course but you can’t find it in your Study Plan
  – Email me (seanbm@unimelb.edu.au) to check if it is available to you
  – submit an Enrolment Variation Form
    • https://enrolmentvariations.app.unimelb.edu.au
  – Attach my approval Email (printed to pdf)
  – It will then be added to your Study Plan.
• Avoid clashes
  – Some of the MIS subjects clash deliberately
  – You need to plan your course around these clashes
  – If a clash happens you will have to choose one subject over the other.

• Use the Class Registration Enquiry Management (CREM) system if you have any issues in completing your timetable that cannot be avoided
  – You will need to raise the issue in CREM for advice:
  – https://youtu.be/vlSFIFeksCE
• Administration
  – Fees
  – Issues with enrolling in subjects
  – Issues dealing with course administration, visas, etc

• All contact via EMAIL in the 1st instance
  – Include your student ID in all EMAILS
  – Attach any supporting documentation (eg statement of results)
• Academic (Sean Maynard – seanbm@unimelb.edu.au)
  – Advanced Standing (via email)
    • Getting credit from past studies
      – must be postgraduate from a completed degree
    • Getting exemptions from subjects
      – can be ugrad subjects or pgrad subjects
  – General questions about subjects
  – General questions about which subjects to choose to become a …
  – Changing your course plan
    • Approval to enrol in
      – Research Specialisation (MIS 200) and Research (All MIS degrees) Subjects
      – Health Specialisation
    • Changing core subjects in your course plan (rarely approved)
    • Once you get approval you then need to submit an Enrolment Variation Form attaching the approval
Careers, Exchange & Internships!

Associate Professor Shanton Chang
Melbourne Careers Centre are here to help with your career development in 2016

CAREER EXPRESS DROP-INS
CV reviews, career questions
Mondays – Fridays
10:00am – 12:00pm
2:00pm – 4:00pm
Level 1, Alan Gilbert
(check website for venue changes)

INDUSTRY CAREER PANELS
Hear from alumni, recruiters & professional associations about career pathways and industry updates

*Day in the Life of an Engineer
Tuesday 15th March, 12-2pm
Wright Theatre, C403, Medical Building

*Day in the Life of an IT Professional
Tuesday 22nd March, 12-2pm
A1 Lecture Theatre, Old Engineering

WORKSHOPS & SEMINARS
covering a range of career topics:
• Graduate job applications
• Interviews
• Taking Charge from 1st year
• Networking
• LinkedIn Essentials

Check Careers Online for further sessions and venue/booking info: careersonline.unimelb.edu.au
Employers looking for IS/IT Graduates include:

**BOLD text means they also consider international students**

- A.T. Kearney
- ACCA
- Accenture
- Aldi Store
- ANSTO
- ANZ
- Arup
- ASIO
- Atlassian
- Aurecon
- Australian Secret Intelligence Service
- BAE Systems
- Bain & Company
- BDO
- Beca
- BP
- Brookfield Multiplex Constructions
- Built
- Caterpillar
- CGU - Technology
- Citi
- Coles
- Corplex
- CPA Australia
- Cristal. Brilliance in Titanium
- Crowe Horwath
- Defence Graduate Opportunities
- Deloitte
- Dixon Advisory
- Engineers Australia
- Ericsson
- ExxonMobil
- EY
- GHD
- Golder Associates
- Grant Thornton Australia Limited
- Honeywell
- IBM
- IMC Pacific
- Institute of Chartered Accountants Aust
- Integrated Research
- KordaMentha
- KPMG
- Lend Lease
Employers looking for IS/IT Graduates include

- Mars Australia
- McGrathNicol
- Mondelez
- National Australia Bank
- Nexia Australia
- Norman Disney & Young
- Optiver
- Orica
- OSIsoft
- **Pactera**
- Palantir Technologies
- Pitcher Partners
- **Professionals Australia**
- Protiviti
- **PWC**
- Redflex Traffic Systems
- RSM Bird Cameron Chartered Accountants
- **Schlumberger**
- **See Hoy Chan Group**
- Shell
- Sick Pty Ltd - Sensor Intelligence
- Sinclair Knight Merz
- State Government Victoria
- Teach For Australia
- UBS
- URS
- Venture Consulting
- VicRoads
- Vivir
- **Wood & Grieve Engineers**
- Wood Group PSN
- **Woodside Energy**
- WSP

**BOLD text means they also consider international students**
• Going on Exchange / Study Abroad for some of your MIS degree
  – Usually its easiest to use your ELECTIVES for exchange.
  – Most of the UPPER core can not be used and SOME of the lower core
  – Where do our students go
    • Germany - Muenster
    • USA – Boston, Texas, UCLA
    • Japan
    • UK

• Our exchange adviser is Dr Atif Ahmad
Internship Subjects

• ISYS90082 (25 points - across 2 semesters)
  – Students have to do prep coursework with ACS in Semester 1 including building on ePortfolio and Project Proposal, then through a competitive system is places in an internship in S2 (200 hours).
  – Application via to Student Centre (application form available there or online, closing date ~8th Dec)

• ENGR90033 (25 points - 1 semester)
  – Much like ISYS90080 and will eventually encompass ISYS90080
  – Students compete for an internship from the listing of projects from MSE...
  – Subject to approval from the Course Coordinator (see latest email to register interest)
COMPUTING AND INFORMATION SYSTEMS STUDENTS ASSOCIATION

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facebook.com/cissa.unimelb

Sponsored By

- Pizza Lunches
- Industry Networking Night
- Tech Workshops
- Career Test

SCAN TO SIGN UP
Course Planning

Understanding acceptance letters from the University
• **Credit**
  – You get the 12.5 points for that subject credited to your degree
  • Occurs when
    – you have completed a similar subject at the same level (i.e., postgraduate)
    – You have applied for the 150 / 100 point program with work experience

• **Exemption**
  – You replace the subject with an elective in your degree
  • Occurs when you have covered the material in that subject in an undergraduate degree.
    • ALL core subjects get replaced by ISYS electives
This is an offer for the Master of Information Systems 200 point program. The length of the course is 2 years depending on subject availability. Course planning will be provided during orientation. Please refer to the University's handbook for further information about the course structure. https://handbook.unimelb.edu.au/view/current/MC-IS

You have been exempted from ISYS90026, INFO90002, ISYS90088, ISYS90049, ISYS90050. These must be replaced with ISYS electives after your arrival.
<table>
<thead>
<tr>
<th>Foundation Core</th>
<th>Lower Core</th>
<th>Upper Core</th>
<th>Electives</th>
</tr>
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<td>ISYS90026</td>
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<td>ISYS90032</td>
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<td>ISYS90043</td>
<td>Elective</td>
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<td>INFO90002</td>
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<td>ISYS90038</td>
<td>Elective</td>
</tr>
<tr>
<td>Database</td>
<td>Prof. IS Consult.</td>
<td>IS Strat. Govern.</td>
<td>Elective</td>
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<tr>
<td>Programming</td>
<td>ISYS90050</td>
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### Outcome of Advanced Standing Application

<table>
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<td>ProgSoftwDevlpt</td>
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Please note that you have been awarded **50 points credit**. The cost and duration of your course will be reduced accordingly.

This is an offer for the Master of Information Systems **150 point program**. The length of the course is **1.5 years** depending on subject availability. The 150 point entry level requires the completion of 100 points of lower / upper core subjects and 50 points of electives. Course planning will be provided during orientation. Please refer to the University's handbook for further information about the course structure. [https://handbook.unimelb.edu.au/view/current/MC-IS](https://handbook.unimelb.edu.au/view/current/MC-IS)
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<td>INFO90002 Database</td>
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<td>Granted</td>
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Please note that you have been awarded **100 points credit**. The cost and duration of your course will be reduced accordingly.

This is an offer for the Master of Information Systems **100 point program**. The length of the course is **1 year** depending on subject availability. The 100 point entry level requires the completion of 50 points of upper core subjects and 50 points of electives. Course planning will be provided during orientation. Please refer to the University's handbook for further information about the course structure.

<table>
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<th>Foundation Core</th>
<th>ISYS90026 Fund. of IS</th>
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<th>INFO90002 Database</th>
<th>Programming</th>
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Please note that you have been awarded **25 points credit**. The cost and duration of your course will be reduced accordingly.

You have been exempted from ISYS90049, ISYS90050. These must be replaced with ISYS electives after your arrival.

This is an offer for the Master of Information Systems **150 point program**. The length of the course is **1.5 years** depending on subject availability. The 150 point entry level requires the completion of 100 points of lower / upper core subjects and 50 points of electives. Course planning will be provided during orientation. Please refer to the University's handbook for further information about the course structure. [https://handbook.unimelb.edu.au/view/current/MC-IS](https://handbook.unimelb.edu.au/view/current/MC-IS)
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<td>ISYS90045 Prof. IS Consult.</td>
<td>Elective</td>
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<td>ISYS90048 Mng. IT Infrast.</td>
<td>ISYS90049 Proc. Anal. &amp; Mod.</td>
<td>ISYS90038 IS Strat. Govern.</td>
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</tr>
</tbody>
</table>

150 Point example….
Course Planning

This is Your Responsibility
# Planning Your Course


## 200 point MC-IS (2 year)

### 16 subjects of study:
- **Foundation Core**: 4 compulsory foundation subjects
- **Lower Core**: 4 compulsory subjects
- **Upper Core**: 4 compulsory subjects
- **Electives**: 4 subjects of your choice

## PLAN FOR FULL-TIME STUDY

### Semester 2, 2017 – You should complete 2 -3 foundation core subjects and 1-2 Lower core subjects. We suggest:

<table>
<thead>
<tr>
<th>Foundation</th>
<th>ISYS90026 Fundamentals of Information Systems</th>
<th>Offered semester 1 &amp; 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation</td>
<td>ISYS90088 Introduction to Application Development</td>
<td>Only offered in semester 2</td>
</tr>
<tr>
<td>Lower Core</td>
<td>ISYS90050 IT Project and Change Management</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
<tr>
<td>Lower Core</td>
<td>ISYS90045 Professional IS Consulting</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
</tbody>
</table>

### Semester 1, 2018 – You should complete 2 -3 foundation core subjects and 1-2 Lower core subjects. We suggest:

<table>
<thead>
<tr>
<th>Foundation</th>
<th>INFO90002 Database Systems &amp; Information Modelling</th>
<th>Offered semester 1 &amp; 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation</td>
<td>ISYS90081 Organisational Processes</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
<tr>
<td>Lower Core</td>
<td>ISYS90048 Managing ICT Infrastructure</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
<tr>
<td>Lower Core</td>
<td>ISYS90049 Business Analysts Modelling and Design</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
</tbody>
</table>

### Semester 2, 2018 – You should complete 2 -3 Upper core subjects and 1-2 elective subjects. We suggest:

<table>
<thead>
<tr>
<th>Upper Core</th>
<th>ISYS90043 Enterprise Applications &amp; Architectures</th>
<th>Offered semester 1 &amp; 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Core</td>
<td>ISYS90032 Emerging Technologies and Issues</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
<tr>
<td>Elective</td>
<td>choose ONE – see over page</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>choose ONE – see over page</td>
<td></td>
</tr>
</tbody>
</table>

### Semester 1, 2019 – You should complete 2 -3 Upper core subjects and 1-2 elective subjects. We suggest:

<table>
<thead>
<tr>
<th>Upper Core</th>
<th>ISYS90038 IS Strategy and Governance</th>
<th>Offered semester 1 &amp; 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Core</td>
<td>ISYS90051 Impact of Digitisation</td>
<td>Offered semester 1 &amp; 2</td>
</tr>
<tr>
<td>Elective</td>
<td>choose ONE – see over page</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>choose ONE – see over page</td>
<td></td>
</tr>
</tbody>
</table>
• When do I enrol in subjects for this year?
  – NOW – ASAP preferably before Wednesday
• When do I enrol in subjects for next year
  – In November
• How do I enrol?
  – Student Portal
• 150/100pt MIS - through the 25pt research project
  – You need to work with the MIS coordinator early (In Your 1st Semester) if you want to explore this option! (to allow course planning for space in your degree)
  – 3 of your electives (37.5 points) become research subjects
  – Must complete (you need the MIS coordinator’s permission to enrol)
    • ISYS90031 Research Methods in Information Systems
      – Need to have an average mark of 75% with no subject below 65% to be allowed to enrol in ISYS90031/COMP90044
      – Need to have a potential supervisor lined up to work with during this subject
    • ISYS90044 Minor Research Project – Both Semesters (25 points)
      – Need to have a mark around 80% in ISYS90031/COMP90044 to enrol in the subject
• MIS 100 point students need to be part time to do research (to fit the subjects in) if they start in semester 2
• 200pt MIS - through the MIS ‘Research Specialisation’
  – The preferred pathway to research higher degrees
  – Must Complete
    • ISYS90031 Research Methods in Information Systems OR
    • COMP90044
    • One of
      – EDUC90716 Introduction to Qualitative Methods
      – MAST90070 Introduction to Quantitative Research
      – EDUC90717 Mixed Methods Research and Evaluation
      – Elective in their research field – needs permission from MIS coordinator
  • 50 point research project
    – comprised from ISYS90100 to ISYS90108 - all research subjects of varied lengths
    – Usual enrolment would be ISYS90100 and ISYS90106
<table>
<thead>
<tr>
<th>S1</th>
<th>S2</th>
<th>S3</th>
<th>S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS90048 Information Technology Infrastructure</td>
<td>Research Method* (quant, qual or mixed) OR Elective in your research area</td>
<td>ISYS90038 IS Strategy and Governance</td>
<td></td>
</tr>
<tr>
<td>ISYS90049 Process Analysis Modelling and Design</td>
<td>ISYS90032 Emerging Technologies and Issues</td>
<td>ISYS90051 Impact of Digitisation</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>ISYS90100 Information Systems Research Proj Major</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Note: Placement of subjects depends on start semester and subject availability

* May be EDUC90716 (Term 3), MAST90078 (Term 1) or EDUC90717 (Term 4)
• The MIS research-track is **not an easy option**
• Selection is **highly competitive**, is based on marks and on capacity for supervision
• Criteria (normally):
  – an average of 75% in first four coursework subjects with no result below 65%
  – an average of around 80% in BOTH of the research methods subjects (ISYS90031/COMP90044 and one of MAST90070, EDUC90716, or EDUC90717 or Elective in research area)
  – a working relationship with their supervisor whilst studying ISYS90031/COMP90044
  – an agreement for supervision and a project defined with a staff member once you have completed ISYS90031/COMP90044
• Normally research projects are completed in at least two semesters
  – 12.5 points followed by the balance of 37.5 points at the end of your degree
Research Projects

• A list of research projects is available from
  you will need your log in details…

• More details can be found at

• Talk to staff members (especially on the east side of level 9, and level 10 of Doug McDonell)
Research Project Examples

- Ameliorating Social Isolation in Older People
- Using InfoSys for Smoking Cessation
- Emerging technologies to support human well-being
- Modelling the Benefits of Ontology Adoption
- Exploring the Potential of Electronic Commerce in Developing Countries
- Designing interfaces to support group coordination in online multiplayer games
- Measuring the Level of Trust between Trading Partners
- Managing knowledge in organizational contexts
- Adoption of Green Supply Chain Management (GrSCM) Initiatives
- The role of Social networks and Artefacts in Technology Appropriation
- Interaction Design for Information Intensive Applications – World of Warcraft Raiding
- Designing web and smart-phone applications for young psychosis patients
- The Use of Educational Technologies and Social Media in Higher Education
- Teaching Strategies for Information Security Management
- Teleworking and (In)security
- Security and mobility: What does Bring Your Own Device (BYOD) mean for security?
- The best defense is a good offense: Legal limitations to offensive activities by private enterprise
- Preserving the confidentiality of electronic patient records
- What can Information Security learn from Information Warfare?
- The application of formal and informal theories to information security management
- Digital Memorials and Commemoration Practices

Talk to staff members (east side of level 9, and level 10 of Doug McDonell)
What do you do Now?
• Refer to the course advice documents, replacing exempted subjects with electives

• If you:
  – think you should have received credits or exemptions
  – have extraordinary issues with selecting subjects
    • you need to see (drop in at any time)
      – Wally Smith (Level 9.05 Doug McDonell Building)
        » TBA
        » TBA
      – Sean Maynard (Level 10.22 Doug McDonell Building)
        » Tuesday 1\textsuperscript{st} Aug 8am – 9:30am
        » Wednesday 2\textsuperscript{nd} Aug 1pm – 3pm
    • You will need your past transcripts AND your offer letter.
• If you know any student who hasn’t attended this session
  – tell them to see
    • Wally Smith (Level 9.XX Doug McDonell Building)
      – TBA
      – TBA
    • Sean Maynard (Level 10.22 Doug McDonell Building)
      – Tuesday 1st Aug 8am – 9:30am
      – Wednesday 2nd Aug 1pm – 3pm

• If you want to do a research pathway
  – you need to see
    • Wally Smith (Level 10.05 Doug McDonell Building) at the following times (be there from the start)
      – TBA
• if you have issues
  – Special consideration
  – Other issues affecting your study
  – enrolling in a subject (eg a sanction) or with administrative things
    • See the Stop 1
      – Bear in mind – last semester had 3-4 hour waiting lines and 7 day delays in responding to email.

• If you are a part time student feel free to hang around and ask questions / get course advice after this session.
QUESTIONS?

COURSE COORDINATOR DETAILS

Dr Sean Maynard
Melbourne School of Engineering
LinkedIn  http://www.linkedin.com/in/seanbm69
Email     seanbm@unimelb.edu.au