Master of Information Technology
&
Master of Information Technology
(Management)

Director of MInfTech & MInfTech(Man)

Dr Mohamed Sharaf

Orientation

Semester 2, 2018

School of Information Technology and Electrical Engineering
The University of Queensland
Master of Information Technology (MInfTech)

Information valid for students commencing 2017

Why study the Master of Information Technology?

The Master of Information Technology will give you skills in web development, software development, information systems and other aspects of information technology. The program consists of a core of courses in these areas along with design computing team projects and a capstone research project. Both introductory and advanced electives are available in areas including computer systems, web information systems, human-computer interaction, artificial intelligence, networks and computer security. You can build on your previous skills and be able to apply information technology within your own industries. The Master of Information Technology is an ideal choice for a student who does not have a previous IT degree and wishes to enhance their current discipline areas through specialist IT knowledge.

What you can study
Diversity in MInfTech

- diverse backgrounds (*non-IT*)
- Full-time & Part-time
- International & Domestic

- Engineering
- Business
- Law
- Health
- Teaching
- Journalism
- Science
- Fine Arts
- Social Science
- Agriculture
- Philosophy
MInfTech and MInfTech (Man) at a glance ...

http://www.uq.edu.au/study/program_list.html?acad_prog=5581
http://www.uq.edu.au/study/program_list.html?acad_prog=5582

- **Four (4) semesters full time (#32)**
  - 4 courses / semester
  - 16 courses (#32 units) in 4 semesters (2 years)

- **MInfTech (Man) (#40)** has 1 semester extra studying four more Business Management courses (#8), with Electives in Business management
UQ Terminology

- **Program** = degree you’re studying, e.g. BInfTech degree
- **Course** = subject
- **Credit Unit (#)** = measure of workload for course (most courses #2, CSSE7306 is #4)
- Standard load is #8 (typically 4 courses) per semester
- **MInfTech** requires #32 - i.e. typically 4 semesters in 2 years.
- **MInfTech (Man)** requires #40 - i.e. typically 5 semesters in 2.5 years.
Responsibility

• We are responsible for helping you understand your **study plan** and giving you academic advice

• You are responsible for almost everything else: following rules, choosing electives, timetable, enrolment, attendance, assignments …

• Ask questions: academic advice, lectures, tutorials, …
Getting help

• The lectures and tutors are there to help you. Seek them out.
• Ask questions! There are no dumb questions.
• Chat with fellow students but don’t get involved in plagiarism!
• Check your student email often.
Master of Information Technology (MInfTech)

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- What you can study
Overview

- **Strong focus on information systems and software engineering**
  - Half of the IT industry in Australia in this area

- **A group project & thesis**
  - Industrial-scale system from initial specification through design, implementation and documentation.
  - Research thesis

- **Options**
  - Human-Computer Interaction.
  - Deeper programming: Advanced Software Engineering, Algorithms and Data Structures, Software Engineering II.
  - Artificial Intelligence
  - Wide range of electives offered by other Schools
MInfTech Program Structure
(Code 5581)

PART A (#22)

♦ six (6) core courses (#12)
  • DECO7140, MATH7861, CSSE7023, CSSE7030, INFS7900, INFS7903

♦ Five (5) courses: Project + Thesis courses (#10)
  • Design Computing Studio (#4) (Proposal & Build) (DECO7830 / DECO7831)
  • Masters Thesis (#6) in two semesters or in one semester

PART B (#2)

PART C (at least #6)
  ♦ Advanced IT courses from a list of 21 courses

PART D (at most #2)
  ♦ A list of 15 courses from related fields
# MInfTech
Sample Study Plan (July start)

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
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</thead>
<tbody>
<tr>
<td>Jul - Nov</td>
<td>Mar - Jun</td>
<td>Jul - Nov</td>
<td>Mar - Jun</td>
</tr>
<tr>
<td>INFS7900 Introduction to Information Systems</td>
<td>DECO7380 Design Computing Studio 3 (Proposal)</td>
<td>DECO7381 Design Computing Studio 3 (Build)</td>
<td>Part C</td>
</tr>
<tr>
<td>MATH7861 Discrete Mathematics</td>
<td>Part B (e.g. CSSE7201 Introduction to Computer Systems)</td>
<td>INFS7903 Relational Database Systems</td>
<td>Part C Elective (e.g., INFS 7202 Web Information Systems)</td>
</tr>
<tr>
<td>Part B, C, or D</td>
<td>DECO7140 Introduction to Web Design</td>
<td>Part C Elective (e.g., INFS7204 Service Oriented Architecture)</td>
<td>Thesis</td>
</tr>
<tr>
<td>CSSE7030 Intro to Software Engineering</td>
<td>CSSE7023 Advanced Software Engineering</td>
<td>Thesis</td>
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# MInfTech (man)
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<th>Semester 5</th>
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<tr>
<td>INFS7900</td>
<td>CSSE7023</td>
<td>INFS7903</td>
<td>MGTS7208</td>
<td>Part C Elective</td>
</tr>
<tr>
<td>Introduction to Information Systems</td>
<td>Advanced Software Engineering</td>
<td>Relational Database Systems</td>
<td>Managing Information Systems</td>
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<tr>
<td>MATH7861</td>
<td>DECO7380</td>
<td>DECO7381</td>
<td>INFS7255</td>
<td>Part C (or D) Elective</td>
</tr>
<tr>
<td>Discrete Mathematics</td>
<td>Design Computing Studio 3 (Proposal)</td>
<td>Design Computing Studio 3 (Build)</td>
<td>Information Analysis &amp; Design</td>
<td></td>
</tr>
<tr>
<td>ACCT7101</td>
<td>MGTS7603</td>
<td>Part B (e.g. DECO7180 Design Computing Studio)</td>
<td>Part C Elective (e.g., INFS 7202 Web Information Systems)</td>
<td></td>
</tr>
<tr>
<td>Accounting</td>
<td>Strategic Human Resource Management</td>
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<td>CSSE7030</td>
<td>DECO7140</td>
<td>Part C Elective</td>
<td>Thesis</td>
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<td>Introduction to Web Design</td>
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<td>Thesis</td>
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Things to remember

- Not all courses are offered in every semester
- Non-standard courses require special approval
- Be careful about the course pre-requisites

Make a study plan
Credit and Exemptions

  - Forms Online
  - Credit from previous postgraduate study

- Documents Required
  - Course Description: Extended syllabus, aims and objectives, contact hours, texts and references and assessment.
  - Official Academic Transcript

- Determined by Faculty (Not School of ITEE)

- Submit request as early as possible
Plagiarism and Collusion

See
http://www.itee.uq.edu.au/about/student-misconduct.jsp

- Academic Merit: *Original effort*
- Plagiarism: *Proper referencing*
- Collusion: *Know your boundaries*

- Severe penalties!
- Ignorance is not a defense
- When in doubt, consult with your lecturer
Surviving the Workload

- **Preparation**
  - Get a head start by studying course profiles and organizing textbooks
  - Carefully read the assumed knowledge clause
  - All resources on the web at [www.itee.uq.edu.au/~coursecode](http://www.itee.uq.edu.au/~coursecode)

- **Study**
  - Make a weekly study schedule, most courses are progressive
  - Focus on learning outcomes
  - UQ/ITEE courses emphasize understanding of principles and concepts –
    - Learn to think, not click!!

- **Assessment**
  - Make sure you understand assessment criteria
  - Remember – no supplementary exams are permitted for postgraduates
Important Dates


- **13 July**  
  Last day to request change of program via mySI-net

- **23 July**  
  Semester 2 classes commence

- **03 August**  
  Last day for adding/substituting courses.  
  (After this date and up to 31 August, students must complete a Change of Enrolment form, pay $50 fee, and submit to EAIT Faculty, with endorsement from course coordinator)

- **31 August**  
  Last day for dropping courses without financial liability (Sem 2 Census Date)

- **30 Sept**  
  Last date for dropping of Sem 2 courses without academic penalty (financial liability remains)
UQ Online

• Study at UQ: http://www.uq.edu.au/study/
• mySI-net: https://www.sinet.uq.edu.au
• Library: http://www.library.uq.edu.au
• Campus Maps: http://www.uq.edu.au/maps
ITEE Online

• ITEE home page: http://www.itee.uq.edu.au/
• ITEE Programs: http://study.itee.uq.edu.au/
• ITEE Student Help: http://studenthelp.itee.uq.edu.au/
• Course Web Pages
• Newsgroups
• Online assignment submission
Contacts

- ITEE
  - enquiries@itee.uq.edu.au
  - Tel: 3365 2097
  - Office open: 8:30am to 4:30pm, Monday to Friday

- MInfTech & MInfTech (Man) Program Coordinator

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