CS&SE Advanced Coursework Programmes
Sem1 2016 Introduction Session

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CS&SE Honours Program 2016

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Overview

The plan for today:

- Enrolments
- Units
- Research projects
- Assessment and penalties
- Timetable
- Administrative arrangements
- Prizes
- Getting the most out of your course
Outline

1 Enrolments and Units
   - End-on Honours

2 Managing Project Year Study

3 Research Projects
   - What is a research project
   - Managing your deadlines
   - Assessment

4 Making the most out of your final year!
Enrolments and Units

Managing Project Year Study

Research Projects

Making the most out of your final year!

End-on Honours

Enrolments for end-on Honours

- Students must complete a research project and four honours-level units
- The research project is worth 24 course credit points
- Units are worth 6 course credit points each
- Aim to do one or two units in Semester 2
- **All students must email the project coordinator by Thursday, 3rd March (by 1pm) to confirm their enrolment**
- Discuss enrolment changes with the project coordinator first
Enrolments and Units Managing Project Year Study Research Projects Making the most out of your final year!

End-on Honours

Enrolments for end-on Honours

Full-time students starting in Sem 1, 2016 should be enrolled in:

- CITS4001 CS&SE Research Project Part 1
- CITS4002 CS&SE Research Project Part 2
- CITS4008 Scientific Communication (Sem 1)
- exactly **three** “research-group” units chosen from:
  - CITS4402 Computer Vision (Sem 1)
  - CITS4403 Computational Modelling (Sem 1)
  - CITS4404 Artificial Intelligence & Adaptive Systems (Sem 2)
  - CITS4419 Mobile and Wireless Computing (Sem 2)
  - CITS5503 Cloud Computing (Sem 2)
4th year units

- Aim to do no more than two units in the last semester of the research project
- Some 4th year units run very differently to earlier units
  - more research oriented
  - you are expected to take more responsibility for your own learning
  - you may be expected to find more information for yourself or to organise yourselves to a greater extent
  - less structured forms of assessment, e.g. more open-ended problems
Academic Conduct Essentials (ACE)

- ACE is a zero-load unit that covers a number of important aspects of ethical scholarship that the University considers essential for all students to understand.

- All newly enrolled students must complete the unit.

- For more information, see: http://www.ace.uwa.edu.au/
What is a research project

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What is a research project

Research projects

- An introduction to independent study and research
- The project is done individually
  - different students do different projects
- The project is supervised by an academic from CS&SE
  - sometimes jointly
  - sometimes jointly with people from outside the School
- Projects are proposed by members of the School
  - research areas are available on the CITS4001 web-site
  - or propose your own project!
- CEED projects are linked to industry and involve a summer placement
What is a research project

Research projects

- The project is assessed principally by
  - a literature review (10%)
  - a dissertation (75%),
  - a seminar (10%), and
  - a poster (5%)
- You are expected to meet with your supervisor(s) regularly
  - at least once a fortnight is typical
  - the length of these meetings will vary according to your needs
  - meet with your supervisor(s) even if you have no current problems
Managing your deadlines

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Managing your deadlines

Research projects – First Semester

1. Choose a project
   - check out the list on the web or propose your own project
   - talk to potential supervisors

2. Submit a proposal
   - by midday Friday of Week 3

3. “Defend” your proposal to your research group (optional)
   - in Week 5

4. Do some work

5. Submit a revised proposal and literature review
   - by midday Friday of Week 12
Research projects – Second Semester

1. Do some work

2. Submit a draft dissertation to your supervisor(s)
   - by Midday Friday of Week 8

3. Get some feedback – and listen to it!

4. Submit your final dissertation
   - by Midday Monday of Week 13

5. Produce a poster
   - by Midday Friday of Week 13

6. Give a seminar
   - in Week 13

Firm dates for deadlines are available on cssubmit
## Important dates

### Important dates:

<table>
<thead>
<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td>Thu, Week 1</td>
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<tr>
<td>Last confirmation of enrolment date</td>
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<td>Fri, Week 3</td>
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<tr>
<td>Project proposal due</td>
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<td>Week 5</td>
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<td>Proposal talk presented to research group</td>
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<tr>
<td>Fri, Week 12</td>
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<tr>
<td>Revised project proposal and literature review</td>
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<table>
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<tr>
<th>Semester 2</th>
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<tr>
<td>Fri, Week 8</td>
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<tr>
<td>Draft dissertation due</td>
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<tr>
<td>Fri, Week 10</td>
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<tr>
<td>Seminar title and abstract due</td>
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<td>Mon, Week 13</td>
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<tr>
<td>Final dissertation due</td>
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<td>Fri, Week 13</td>
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<tr>
<td>Poster due</td>
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<td>Week 13</td>
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<tr>
<td>Seminar</td>
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<tr>
<td>Exams</td>
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<tr>
<td>Marked dissertation available for collection</td>
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<tr>
<td>Post exams</td>
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<tr>
<td>Corrected dissertation due</td>
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</tbody>
</table>
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Assessment and penalties

- Your final mark for the research project unit is comprised of:
  - 10% literature review
  - 75% dissertation
  - 10% seminar
  - 5% poster

- Penalties apply for late or incomplete components:
  - late proposal: withdrawn from honours project unit
  - late revised proposal: withdrawn from honours project unit
  - late draft dissertation: -10% per day (or part thereof) late
  - late dissertation: -10% per day (or part thereof) late
  - dissertation over length: -10/75
  - late/incomplete seminar: 0/10
  - late/incomplete poster: 0/5
  - late corrected dissertation: marks withheld
Getting involved in research in the School

- Research into the School is devolved into a number of different research groups consisting of people with similar interests
  - research groups provide valuable knowledge and interaction
  - each student is expected to join a research group
  - you are expected to attend and contribute to all research group meetings
  - speak to your supervisor for more details

- The School runs a series of research seminars throughout the year by our staff, students, and visitors
  - you are expected to attend all seminars
  - the timetable is available on the web: http://web.csse.uwa.edu.au/research/seminars/
  - watching seminars is a good way to learn how to give them
Administrative arrangements

- You will be housed in the Honours/Masters lab:
  - this is **Lab 2.07**
  - the lab contains a number of computers, a printer, and a small photocopier
  - you have exclusive access to this lab, but
  - you need to share the room with all advanced coursework students
  - i.e., you will not have your own personal position/computer
  - the lab is offered on a trial basis, so, make use of the room!
  - we will attempt to support all reasonable requests for quickly reversible changes to the lab

- You can also get access to your research group lab if needed
Administrative arrangements

- You will have access to the School library in Room 1.27
  - make sure to complete the log book when you borrow a book
- You will have the use of the kitchen, fridge, and showers on the ground floor of the CS&SE building
  - **do not** get caught with food in the labs
Show me the money!

- Faculty prize awarded to the best honours student in CS
- School prize awarded to the best poster
- Travel bursaries
  - some supervisors may provide travel bursaries to honours students who have a paper accepted at a recognised conference
- WAITTA
  - awards a prize to the best project in IT&T in the state
  - CS&SE research project students have traditionally done very well
- PhD Postgraduate scholarships
  - including top-up scholarships and casual teaching, PhD students can earn over $30,000 per year tax free
Getting the most out of research year

- It can be an extremely tough year
  - work consistently throughout the year, i.e. don’t leave everything to the last minute
  - be organised!
  - this is NOT the time to balance full-time study and part-time employment
- It can be an extremely rewarding year
- It can be an extremely fun year
- Get a true sense of community
- Gives you an introduction to research
- You get out of it what you put into it
- And, you finally get to play for the winning soccer team!
Questions?

- honours year home-page:

- Where’s the food?
  Welcome BBQ Lunch: the courtyard between the General Purpose Building and CS Building.