

# 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 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, 3<sup>rd</sup> March (by 1pm) to confirm their enrolment**
- Discuss enrolment changes with the project coordinator first

# 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)

## 4<sup>th</sup> year units

- Aim to do no more than two units in the last semester of the research project
- Some 4<sup>th</sup> 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/>



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# 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

# 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

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  - **Managing your deadlines**
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# 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 csubmit**

# Important dates

## ■ Important dates:

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

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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:  
<http://teaching.csse.uwa.edu.au/units/CITS4001/>
- Where's the food?  
Welcome BBQ Lunch: the courtyard between the General Purpose Building and CS Building.