INFO 7007 MASTERS THESIS

Credit Points 40

Legacy Code 301125

Coordinator Yi Zhou (https://directory.westernsydney.edu.au/search/name/Yi Zhou/)

Description This is a 80 credit point year-long subject taken over two terms (40 credit points in each term). This subject provides an opportunity for masters students to carry out a comprehensive investigation and practical work on a cutting edge research topic in the area of Information and Communication Technologies. Students are encouraged to select topics they envisage to be of value to their future careers. Students will undertake individual research-intensive project-based study under the guidance of an academic supervisory panel.

School Computer, Data & Math Sciences

Discipline Information Technology, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 40cp

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) ENGR 7017 AND
ENGR 7018 AND
HUMN 4009 AND
HUMN 4010

Restrictions

Students must be enrolled in the Master of Information and Communications Technology (Research).

Assumed Knowledge

Prior knowledge deemed appropriate by the project supervisor.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Further critically review and analyse literature in relevant area to identify important research problems.
2. Develop a successful research plan and methodology to tackle identified research problems.
3. Conduct effective research activities to carry out the research plan.
4. Exemplify advanced academic analytical and written skills in the final thesis.
5. Communicate ideas and plans at a professional level to academic audiences.

Subject Content

All students enrolled in this subject will be supervised by an academic supervisor or a supervisory panel to undertake a yearlong independent ICT related research project, proposed in the subject 800169 - Research Design 2. Under supervision, each student needs to further critically review and appraise current literature, and conduct research activities to carry out the research plan. At the end, all students need to write a master thesis for the undertaken research and present their major research findings. Students are highly encouraged to publish peer-reviewed papers from outcome of their research.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/Group Task
3-month progress report	2500 words	10	N	Individual
6-month progress report and presentation	5000 words for progress report, 20 minutes for progress presentation	20	N	Individual
Final masters thesis	20,000-25,000 words	60	N	Individual
Final presentation	30 minutes	10	N	Individual

Teaching Periods