Proposed Honours Topics and Supervisors - 2009.

As at 19 January 2009.
Subject to change; you will need to discuss with the staff concerned.

<table>
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<tr>
<th>Supervisors</th>
<th>Topics</th>
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| A/Prof. Aybüke Aurum | - Value-based Software Development in Australian Industry  
- Identifying Success and Failure Issues of Software Projects and Software Products in Australian Industry  
- Global Requirements Engineering for Product Release Planning  
- Requirements Engineering for Service Oriented Architecture (SOA) Application Systems Development  
- Global Software Development Process  
- Decision Making Process in Software Development  
- Knowledge Management Practice in Software Companies in Australia.  
- Cyber Law  
- Legal Aspects of Carbon Emissions |
| Dr. Deborah Bunker (on leave S1 2009) | - Information Systems As Tools in Context: Technology Transfer and Diffusion Issues in Systems Implementations.  
- A Perspectival Model for Information Systems Management: Phenomenology as a Means on Understanding.  
- Electronic Commerce and SMES: Are Current Ecommerce Business Models Appropriate for the Successful Adoption of Ecommerce by SMES.  
- Electronic Commerce Procurement Models: Industry Differences and Their Implications.  
- The Management of Inter-organisational Information and Systems Requirements. |
| Dr. Fletcher Cole | - Document management systems  
- News management systems  
- Data management practices in specific organizations  
- User and systems issues related to the representation of complex data; e.g. geographic information systems, financial trading systems, e-research  
- Topics in social informatics, or history of information & communication technologies  
- Taxonomy and classification theory  
- Other topics – as agreed |
| Prof. Dubravka Cecez-Kecmanovic | - Organisational and Social Implications of IS: Creating Value through IS  
- IS Impacts on Company Competitive Advantage  
- Critical Theory Informed Empirical Research (there is a possibility to conduct an empirical study in UNSW)  
- Exploring Knowledge and Learning, Knowledge Management and Knowledge Management Systems (KMS) in Organizations through: Application of the Sensemaking AND/OR Theory Autopoietic Approach  
- Designing and Testing IS Technologies to Support Public Communication and Debate (intra and inter-organisational, Professional Associations, Local Councils, etc.) |
| A/Prof John D’Ambra | • Computer mediated –communication  
• Issue of Email use  
• Instant Messaging adoption and diffusion  
• Evaluation of the Web  
• ICT and Tourism |
|---------------------|-------------------------------------------------|
| Dr. Farhad Daneshgar | • Knowledge Management in SMEs  
• Taxonomies of Knowledge in Virtual Organizations  
• eLearning at Workplace  
• ICT Management in Global Organizations  
• eBanking in Australia |
| A/Prof Pat Finnegan | • Business models for open innovation and peer production (including open source software)  
• User-generated and open content in gaming, travel, media, education, etc  
• Architectures of participation for virtual worlds and communities (e.g. Second Life, Youtube, SourceForge)  
• Innovation Marketplaces (e.g. Innocentive, Nine Sigma, Yet2)  
• Economic and societal impact of 'new media' and Web 2.0  
• Network governance in strategic business networks  
• Electronic Business Models |
| Dr. Zixiu Guo | • Computer-mediated communication systems adoption and usage  
• Web2 technologies in learning contexts  
• Cultural impact on IS/IT adoption and usage |
| Prof. Vernon Hsu | • Information Systems in Multinational Companies  
• Impact of Internationa Tax Planning on Information Technology Development in a Multinational Company  
• Supply Chain Management Systems in Australia |
| Dr. Lesley Land | • Use/adoption of online news, virtual communities, e-auction, or other ISs.  
• Software reviews/inspections - case studies or experimentation.  
• E-health adoption for developed or developing countries  
• E-learning - corporate or for university students or for medical professionals/consumers.  
• Using IS for improving customer satisfaction |
| Prof. Graham Low | • Design of agent oriented information systems.  
• Method engineering.  
• Use of ontologies in agent oriented information systems.  
• Innovation and adoption of information systems.  
• Outsourcing of information systems  
• Management of information systems development and/or operations. |
| A/Prof. Fethi Rabhi | • Large scale analysis of news data  
• Simulation of financial markets  
• Business to Business Integration using EDI. |
| A/Prof. Pradeep Ray                                      | • Metamodel for intelligent service management  
|                                                        | • Privacy Management in eHealth  
|                                                        | • Assessment of Mobile eHealth  
| Dr. Greg Stephens                                     | • Application of Socio-network Analysis to the Partitioning and Allocation in Distributed Systems (with G Low).  
|                                                        | • Authentication mechanisms e.g. Biometrics (with R. Jamieson).  
|                                                        | • Computer Mediated Communication.  
| Dr. Chung Li Tseng                                     | • IT applications in supply chain management  
|                                                        | • Proactive project risk management  
|                                                        | • Flexibility in product development  
|                                                        | • Dynamic pricing for e-commerce  
| Ms Christine Van Toorn / Prof. John D’Ambra           | • E-mail and organisational productivity.  