

## 844AA Bachelor of Information Systems (Degree with Honours)

<b>Year and Campus:</b>	2010 - Parkville
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Level:</b>	Undergraduate
<b>Duration &amp; Credit Points:</b>	100 credit points taken over 12 months full time. This course is available as full or part time.
<b>Coordinator:</b>	Dr Reeva Lederman Email: <a href="mailto:reeva.lederman@unimelb.edu.au">reeva.lederman@unimelb.edu.au</a>
<b>Contact:</b>	Melbourne Graduate School of Science Faculty of Science The University of Melbourne Tel: + 61 3 8344 6404 Fax: +61 3 8344 5803 Web: <a href="http://graduate.science.unimelb.edu.au">http://graduate.science.unimelb.edu.au</a>
<b>Course Overview:</b>	The honours program in the Department of Information Systems is designed to: <ul style="list-style-type: none"> <li># broaden students' knowledge of a range of more advanced topics in information systems;</li> <li># provide an introduction to the process and practice of research in information systems;</li> <li># enable the acquisition of research skills and current knowledge in specific areas of information systems;</li> <li># extend students' ability to think critically and independently;</li> <li># improve oral and written communication skills and other professional competencies; and</li> <li># provide a finishing year which is attractive to employers.</li> </ul>
<b>Objectives:</b>	Please refer to Overview above.
<b>Course Structure &amp; Available Subjects:</b>	<p><b>Honours coordinator</b> Dr Reeva Lederman</p> <p><b>Duration and commencement of course</b> This particular honours program is undertaken on a full-time basis. The program commences in February and finishes in November. Part-time enrolments or mid-year commencement may be possible, subject to the approval of the Honours coordinator.</p> <p><b>Assessment</b></p> <p><b>Course Requirements</b> To qualify for the BIS (Honours) degree students must:</p> <ul style="list-style-type: none"> <li># pass 100 points at the honours level (or a level deemed appropriate for an honours student); and</li> <li># achieve a grade of at least 65 percent for each honours subject completed.</li> </ul> <p><b>Hurdle assessment requirements</b> In addition to the honours degree Course requirements, students enrolled in the information systems honours program must also satisfy the hurdle assessment requirements listed for the Information Systems Research Project below.</p> <p><b>Components of assessment</b> Honours comprises a research project subject and four advanced coursework subjects. These subjects with their relative weightings are as follows: Information Systems Research Project subject = 50 percent Advanced Coursework subjects: four at 12.5 points each = 50 percent</p> <p>The marks achieved for the Information Systems Research Project subject and each of the advanced coursework subjects will be recorded on the student's academic transcript. Students will also receive an overall mark for the course.</p>

**Research project**

This subject requires regular weekly meetings with a supervisor and the completion of a research project. The research project usually involves an empirical study.

An oral presentation providing a summary of research findings is a hurdle assessment requirement for the Information Systems Research Project.

The assessed item for the Information Systems Research Project is a written research report, of approximately 12,000 words, submitted at the end of the subject.

**Advanced coursework**

As mentioned above, students complete four advanced coursework subjects. Students will need to devote about seven hours per week for each subject to complete the required reading plus three hours class-time per week. Students will also need to allow additional time for the reading required for the Information Systems Research Project.

One of the four advanced coursework subjects is compulsory. The compulsory subject is 615-610 Research Methods in Information Systems. This subject increases the students' understanding of effective information systems research methodologies.

The remaining three advanced coursework subjects are chosen from a range of advanced coursework subjects. Information about these subjects is available at <http://www.dis.unimelb.edu.au>

**Subject Options:****Elective Options**

Subject	Study Period Commencement:	Credit Points:
ISYS90026 Fundamentals of Information Systems	Semester 1, Semester 2	12.50
SINF90001 Database Systems & Information Modelling	Semester 1, Semester 2	12.50
ISYS90048 Information Technology Infrastructure	Semester 1	12.50
ISYS90049 Business Analysis Modeling and Design	Semester 1, Semester 2	12.50
ISYS90050 IS Project and Change Management	Semester 2	12.50
ISYS90045 Professional IS Consulting	Semester 1, Semester 2	12.50
ISYS90032 Emerging Technologies and Issues	July	12.50
ISYS90038 IS Strategy and Governance	Semester 1	12.50
ISYS90043 Business Applications & Architectures	Semester 1	12.50
ISYS90051 Impact of Digitisation	Semester 2	12.50
ISYS90037 Advanced IS Project Management	Semester 1	12.50
ISYS90040 Advanced IS Change Management	Semester 2	12.50
ISYS90052 Models of IS Project Management	Semester 2	12.50
615-692 Organisational Behaviour for IS Managers	Not offered 2010	12.50
ISYS90053 Managing In-house IT Service Provision	Semester 1	12.50
615-686 ICT Outsourcing Fundamentals	Not offered 2010	12.50
615-687 ICT Contract Law Basics	Not offered 2010	12.50
ISYS90055 ICT Outsourcing Contract Management	Semester 2	12.50
SINF90004 Data Warehousing	Semester 1	12.50

	615-691 Decision Support Using ICT	Not offered 2010	12.50
	ISYS90034 Business to Business Electronic Commerce	Semester 2	12.50
	ISYS90035 Knowledge Management Systems	Semester 1	12.50
	ISYS90036 Enterprise Systems	Semester 1	12.50
	ISYS90039 Innovation & Entrepreneurship in IT	Semester 1	12.50
	615-672 Pervasive Computing	Not offered 2010	12.50
	SINF90002 Interaction Design and Usability	Semester 2	12.50
	615-645 Information Systems Modelling	Not offered 2010	12.50
	615-663 IS in an International Context	Not offered 2010	12.50
	SINF90006 Internet Software Development Principles	Semester 1, Semester 2	12.50
<b>Entry Requirements:</b>	Applications are invited from students who have completed a degree in information systems, or a related field, with a 65 percent average in at least 62.5 points (or five subjects) of 300-level information systems or an equivalent level of studies. Admission is highly competitive and depends in part on the department's capacity for supervision. For University of Melbourne graduates, the standard path to the Bachelor of Information Systems (Degree with Honours) program is via either the Bachelor of Information Systems degree or a combined information systems degree.		
<b>Core Participation Requirements:</b>	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.		
<b>Further Study:</b>	Honours offers a pathway to a PhD.		
<b>Graduate Attributes:</b>	Graduates will have: drawn together the theory and practical skills gained in previous undergraduate studies; developed new research and professional skills to take into the workforce or further study; and gained an in-depth knowledge in a particular discipline.		