Synopsis Summary

Master of Information Technology (Management Informatics)

Faculty of Informatics and Computing, UniSZA

No	Subject Code	Subject Name	Synopsis
1	ITC13103	Advanced IT for Business / Teknologi Maklumat Lanjutan untuk Perniagaan	This course introduces the student to the principles of information technology, data management, network, computer security, e-commerce, mobile technology, social media and performance management in an organization. Informatics concepts emphasize the solutions for management information systems in the organization.
2	ITC13203	Advanced Management Information System / Pengurusan Sistem Maklumat Lanjutan	This course introduces the theory, concept and implementation of an effective management information system in an organization. It provides an understanding of how the right models, techniques, and methods of management information system able to solve problems in a real working environment. At the end of the study, students will be able to build ideas and skills to apply a proposal for problem-solving based on real environment requirements.
3	ITC13303	Advanced System Analysis and Design / Analisa dan Rekabentuk Sistem Lanjutan	This course introduces the principles and methods in the analysis and design of information systems. The focus is on system development activities include analysis and modelling, process design, databases, input and output, and programmable user interface. The process of system implementation and maintenance are reviewed taking into account the important activities in the development life cycle. Emphasis is given on object-oriented analysis and design.
4	ITC13403	Informatics Project Management / Pengurusan Projek Informatik	This course exposes students to the IT project management skills. Topics to be presented include concepts, methodologies, and IT project management process which are planning, controlling, budgeting, quality assurance and risk management. This course will also guide students on how to manage IT projects from start to study after implementation of the project based on case studies provided.
5	ITC13503	Web Technology for Management / Teknologi Web untuk Pengurusan	This course requires the students to work as a group to design and develop a functional system using appropriate theories and techniques in software development. This course is supervised by a lecturer that acts as a mentor to each group. Throughout this workshop, students need to do

			presentations as well as to submit progress and final report.
6	ITC13603	Advanced Knowledge Management In Informatics / Pengurusan Pngetahuan Lanjutan dalam Informatik	This course exposes students to the advanced of knowledge management techniques in theory and practical. Students will have the opportunity to acquire, organize and manage information in order to achieve competitive advantages for an organization. This course exposes the Knowledge Management task such as the acquisition of knowledge and technology for organizational learning, use of the Internet and websites as a source of knowledge. It also discusses the implications of Knowledge Management and other issues such as cooperation and teamwork, communication tools (synchronous and asynchronous) and methods for application development, indexing and searching the information in the knowledge base.
7	ITC11102	Research Methodology / Metodologi Penyelidikan	This course introduces the concept of research with a focus on system modelling skills and ICT based applications. Some of the research processes such as proposal preparation, modelling, development of innovation, testing, integration and documentation will be introduced to students. Students will also be exposed to the techniques of information gathering and organizing the research and analyzing the data. Emphasis is given on writing approaches and scientific research publications.
8	ITC29920	Dissertation / Disertasi	This course requires students to use all the theoretical and practical skills learned to solve a problem. This course is conducted under the supervision of a supervisor or supervisory committee. The supervisory committee shall approve the thesis proposal prior to the case study being conducted. Students are required to present the finding of the research to the supervisory committee and will be evaluated through an oral examination. Emphasis is given on academic writing for thesis writing and presentation.