

Program Overview & Objectives

Designed to prepare students to succeed in roles that use Enterprise System (ES) Technology to manage, integrate and expand business endeavours.

This post-graduate program gives students the opportunity to gain a deep understanding of relevant topics and technology pertaining to ES (like ERP, SCM, and CRM) , BPR, Big Data, Business Analytics, Cloud Computing, IS Security, Project Management and IT strategy, using some cutting edge technologies from leading vendors like SAP, IBM, SAS and Teradata. Students will participate in ERP simulation games which teach ERP concepts “by doing”.

This program provides students with an opportunity to gain up to date knowledge and skills to analyse, implement and use ES. It further enhances the student ability to comprehend how and why these systems provide economic, technological, operational and strategic value to an adopting organisation. It unleashes the strategies to manage ES implementation in order to achieve the anticipated benefits.

To provide hands on experience with ES, courses in this program are embedded with software's from leading ES vendors like SAP. Students not only develop skills in learning SAP but also gain the opportunity to prepare for SAP certifications related to business processes, business intelligence and HANA. By doing this, students will have a competitive advantage in the job market.

Master of Technology (ES & BA) is accredited by Australian Computer Society (ACS) as professional level courses. The ACS has reciprocal arrangements with many international computer societies and student qualification will be recognised around the world.

Professional Recognition

Master of Technology (Enterprise System) is recognised by the Australian Computer Society.

Career Opportunities

Our graduates find employment in:

- ERP systems operation
- ERP project management
- Functional analysis
- ERP Data Analyst
- ERP Business Analyst

Admission requirements

Completion of (at least) an undergraduate three year degree program, or equivalent from a recognised university

Required proficiency in English: IELTS overall band score of 6.0 with no band less than 6.0 TOEFL Paper 550 (TWE 4.0), TOEFL Computer 213 TOEFL iBT 60-79 with minimum of 13-Reading, 12-Listening,18-Speaking, 21-Writing. Pearson 50 (no band score less than 50) and Cambridge 52 with no less than borderline in each skill.

MASTER OF TECHNOLOGY (ENTERPRISE SYSTEMS & BUSINESS ANALYTICS)

Program offered: Sydney & Adelaide

CRICOS Code	Course Duration
080493M	2 Years

Program Structure

COURSE NAME	CREDIT POINTS
YEAR 1	
ITECH1100 UNDERSTANDING THE DIGITAL REVOLUTION	15
ITECH1102 NETWORKING AND SECURITY	15
ITECH1103 BIG DATA AND ANALYTICS	15
ITECH1400 FOUNDATIONS OF PROGRAMMING	15
ITECH7000 IT PROFESSIONAL ENGAGEMENT	15
ITECH5402 ENTERPRISE SYSTEMS	15
ITECH5404 BUSINESS PROCESS ANALYTICS AND CHANGE	15
ITECH5500 PROFESSIONAL RESEARCH AND COMMUNICATION	15
ITECH7406 BUSINESS INTELLIGENCE AND DATA WAREHOUSING	15

SEMESTER 1

SEMESTER 2

YEAR 2	
ITECH7400 IT SERVICE MANAGEMENT AND PROFESSIONAL CULTURE	15
ITECH7401 LEADERSHIP IN IT PROJECT MANAGEMENT	15
ITECH7407 REAL TIME ANALYTICS	15
ITECH7413 SUPPLY CHAIN OPERATIONS AND MANAGEMENT	15
ITECH7415 MASTERS PROJECT	60

SEMESTER 1

SEMESTER 2