

Minor in Information Technology

As technology advances, many fields have become increasingly computational in nature. Computer hardware and software are the essential tools for not only science and engineering fields, but also business and liberal arts disciplines. We could easily find applications of IT in biology, chemistry, mathematics, marketing, accounting, psychology, history, etc.

The purpose of the IT minor program is to provide non-IT major students an opportunity to gain more computational skills and knowledge in IT. The IT curriculum includes programming, database, network, information system, as well as professional practice and ethics. The elective gives students' the option to enhance their knowledge in programming languages, security, e-commerce, computer graphics, system analysis and design.

ITEC Minor Requirements

The ITEC Minor requires the completion of 5 ITEC courses with at least 9 credits at 3000/4000 level

Required Courses

ITEC 2140 Programming Fundamentals		4 credits
ITEC 2201 Introduction to Information Systems	(See note 1)	3 credits
ITEC 3100 Introduction to Networks		3 credits
ITEC 3200 Introduction to Databases		3 credits
ITEC 3900 Professional Practice and Ethics	(See note 1)	3 credits

Note 1: For all Business majors, BUSA 3100 (Management Information Systems) and MGMT 3400 (Ethics and Corporate Social Responsibility) are required. These courses are equivalent to ITEC 2201 and ITEC 3900 respectively, but cannot be counted towards the ITEC minor. Therefore, Business majors must select two other ITEC courses for which they meet the prerequisite and co-requisite requirements. One course must be at the 2000 level or above and the other at the 3000 level or above.