Courses in Information Systems & Business Analytics

B Itm 215
Information Technologies for Business (3)
This course offered fully online. This course focuses on the role of information systems and data analytics in solving business problems. Students will understand the role and importance of IT/IS within organizations and will develop business-oriented applications using Microsoft Excel (comprehensive / advanced level) to achieve a solid base for development of information systems and data analytics applications in business, accounting, or other areas. Topical discussions may include the fundamentals of information technology (IT), emerging trends in data analytics, Customer Relationship Management, Supply Chain Management, elements of e-business, and information security. The course may be offered in a blended/hybrid format. The course is not open to freshmen and is offered in both fall and spring semesters.
(2426) Sprissler, Ethan
6 Week 1: May 24-July 2

B Itm 330
Improving Business Performance with Information Technologies (3)
This course offered fully online. This course offers an introduction to the fundamentals of information technology in business. It focuses on models for modern business processes, the integration of business functions, strategic information systems, and information systems for small business and e-businesses, and the tasks and techniques for developing computer-based information systems. Each lecture is followed by required individual work in the Computer Lab supervised by the course instructor or a TA. Students will work on problem solving using popular end-user software packages (spreadsheets and databases), to apply and expand their knowledge gained in BITM215. Students will create models for decision making in various business areas, such as: Supply Chain Management, Customer Relations Management, Enterprise Resource Planning, Project management and Knowledge management using business cases. Prerequisite(s): A MAT 106 and B ITM 215 or their equivalents, A MAT 108 or A ECO 320.
(2292) Liu, Xiaomai
6 Week 2: June 21-July 30
Scheduled synchronous class meetings via Zoom:
MTWTh 9:00a.m.-11:40a.m.

Graduate Courses

B Itm 510
Advanced Excel with Visual Basic for Applications (1)
This course offered fully online. Excel is the most used software in any organization. This course includes advanced Excel including the use of Excel objects, Macros, Functions, Goal Seek, Solver, Visual Basic for Applications (VBA), regression analysis, charts, pivot tables, etc. Problems will focus on business decision support, scenario analysis and statistical techniques. The student will learn how to improve productivity using spreadsheet software and VBA for problem solving in a business environment. S/U graded.
(2293) Scott, Sarah
May 31-June 28
Scheduled synchronous class meetings via Zoom:
T 6:00p.m.-8:50p.m.

B Itm 520
Database Management (1)
This course offered fully online. This is an introductory course in database modeling, design and implementation for business applications. The role of database systems in the management of information
and the procedures for modeling the data resource to support managerial/executive needs are presented. It includes principles of database theory, query languages, and forms of data organization. Students gain hands-on experience through developing one or more database applications using one of the standard database packages.

(2294) Scott, Sarah
July 5-August 2
Scheduled synchronous class meetings via Zoom:
T 6:00 p.m.-8:50 p.m.