

Decision and Information Sciences

Introduction to Computers and Management Information Systems

Course & Class Num: DISC 3300H, 18378
 Time & Location: TTH 1:00 – 2:30, TBA
 Instructor: Kathy L Cossick

The purpose of this course is to provide students with an introduction to the basic concepts of computer-based management information systems, and to serve as a foundation that will enable students to take advantage of microcomputer-based tools and techniques throughout their academic and professional careers. The course begins with a brief overview of the operating system. Next, a number of software tools are used to illustrate the diversity of tools available to develop computer-related applications. These tools include a word processing package, a spreadsheet, and a database management system. In addition, students will be introduced to research on the Internet.

Service and Manufacturing Operations

Course & Class Num: DISC 3301H, 18386
 Time & Location: MW 10:00 – 11:30, 120 MH
 Instructor: Everette S. Gardner

This is a practical course in the production of both goods and services. Students learn to forecast customer demand, choose business locations, set inventory levels, develop production plans, monitor quality, and schedule both projects and people. The course is taught using case studies, descriptions of real business problems that allow students to practice decision-making. Some companies featured in the case studies include Benihana of Tokyo, Federal Express, Dell Computers, Amazon, and New Balance Athletic Shoes. Students assume the role of managers and develop solutions to the cases; during class discussions, we compare solutions to the decisions actually made by company managers. We devote at least one class to a discussion of job opportunities in Operations Management. Another class is a field trip to a Houston-area production facility. Continental Airlines also provides a guest speaker to discuss flight scheduling, an important problem area in Operations Management. Contact the instructor for more information.

Statistical Analysis for Business Applications I

Course & Class Num: DISC 3331H, 18396
 Time & Location: MW 11:30 – 1:00, 120 MH
 Instructor: Joaquin Diaz-Saiz

Statistics is an important decision-making tool for people in any area of business. The purpose of this course is to take the audience through the complete statistical process: the collection, the analysis, and the use of the data to draw inferences used in making business decisions. We will emphasize the use of computers to deal with real life data, and an understanding of the information produced by the software used.

Supply Chain Management

(Petition for Honors credit)

Course & Class Num: DISC 4361, 18416
 Time & Location: MW 2:30 – 4:00, TBA
 Instructor: Jamison Day

This course covers the business processes/functions that manage the flow of materials & information from suppliers to customers. It looks at the specifics of inventory management, distribution, information management, supplier & customer relationships, decision support systems, and various integration issues from an operations point of view. Effective Supply Chain Management is the next avenue for increasing competitiveness, market share, and profitability.

Enterprise Resource Planning

(Petition for Honors credit)

Course & Class Num: DISC 4362, 18418
 Time & Location: MW 1:00 – 2:30, 130 MH
 Instructor: Michael Murray

This course covers the evolution of ERP systems, the state-of-the-art in ERP applications, ERP system functionalities, and ERP system selection. Major business processes covered in the course include sales and distribution, order management, procurement, materials management, manufacturing process management and financial management. We utilize the ERP solution of SAP America Inc., the leader in the ERP solutions market with more than 59% market share. Almost every business student will go to work in a company that uses an ERP system, and being able to say that you have had exposure to some of SAP's R/3 modules will be a major benefit to you.

Business Systems Consulting

(Petition for Honors credit)

Course & Class Num: DISC 4379, 18426
Time & Location: TTH 10:00 – 11:30, TBA
Instructor: Carl Scott

Business Systems Consulting is a course that covers the practical aspects of solving Small Business Systems problems. The course operates as a business-consulting course. The students are consultants for small to medium size businesses in the Houston area. Students meet small business owners to find what the problem is and then create a satisfactory solution. Students are graded on billable hours, customer satisfaction, and service evaluations from their customers. The course lets students at Bauer College reach out to the Houston community and build strong relationships. Local small businesses have grown because of solutions provided by Bauer students. Students from all departments in the Bauer College of Business are encouraged to participate in this dynamic ever-changing course.

Administration of Computer-Based Management Information Systems

(Petition for Honors credit)

Course & Class Num: DISC 4478, 18448
Time & Location: M 1:00 – 4:00, TBA
Instructor: Dennis A. Adams

Organizations are spending millions of dollars on the installation, management and use of information systems. The effective management of this important resource is imperative. The purpose of this course is to discuss many of the fundamental issues associated with the management of information systems. Topics discussed will include: the current state of IS today, hiring and keeping IS personnel, acquiring hardware and software, and legal and financial concerns.

Economics

Intermediate Microeconomics

(There are two sections of this course available)
(Petition for Honors credit)

Course & Class Num: ECON 3332, 19892
Time & Location: TTH 11:30 – 1:00, 115 M
Instructor: Scott A. Imberman

Course & Class Num: ECON 3332, 19894
Time & Location: MW 1:00 – 2:30, 106 C
Instructor: Aimee Chin

The purpose of this course is to advance your technical understanding of economic theory concerning individual behavior, the behavior of firms, and about how firms and consumers interact in the marketplace. Specialized topics covered include variation in the competitive environment faced by firms, the role of information and uncertainty, and particular attributes of input markets. Honors students will write a paper exploring a particular market in depth.

Intermediate Macroeconomics

(There are two sections of this course available)
(Petition for Honors credit)

Course & Class Num: ECON 3334, 19896
Time & Location: TTH 11:30 – 1:00, 102 C
Instructor: Rebecca Achee Thornton

Course & Class Num: ECON 3334, 19898
Time & Location: TTH 10:00 – 11:30, 102 C
Instructor: Rebecca Achee Thornton

Macroeconomics is concerned with the behavior of whole economies over time. This course offers a rigorous theoretical framework for understanding market economies and for examining the economic effects of government policy. Topics will include inflation, unemployment, taxation and budget deficits, with an emphasis on classical economic theory. Honors students will receive additional assignments that will emphasize a more complete technical analysis of policy issues.