School of Management

The School of Management's mission is to meet the challenges of a rapidly changing, technology-driven, global society by partnering with the business community to:

- deliver high quality management education to a diverse group of undergraduate and graduate students and practicing executives;
- develop and continuously improve programs advancing management education and practice; and
- conduct research enhancing management knowledge.

Because the companies the School serves operate in a rapidly changing, global economy, U.T. Dallas must be prepared to meet new challenges with new programs that address business needs and research that deals with business problems that are the byproducts of change. The firms the School of Management serves must evolve continuously to remain competitive, and this requires that the School be just as innovative and responsive to the changing competitive landscape. The School is committed to meeting this need.

The Bachelor of Science degree in Business Administration is designed to provide students with a broad preparation for a business career and to lay the foundation for further study in business administration. Strong emphasis is placed on problem solving techniques that are typical of the modern business organization functioning in a complex environment. Students are prepared to apply their skills and knowledge toward solving the complex problems that face business and industry in today's society. The Bachelor of Science in Business Administration offers concentrations in Finance and Management Information Systems in addition to the general degree. A double major in Biology is offered in conjunction with the Biology Department.

The program leading to the degree of Bachelor of Science (B.S.) in Accounting provides students a broad-based education that balances conceptual with pragmatic knowledge and exposes accounting students to other related areas. Completion of this program will enable students to seek information services related positions in industry or government and to sit for professional examinations such as Certified Management Accountant, Certified Internal Auditor, or Certified Information Systems Auditor. Students who desire a comprehensive accounting education and are seeking to become Certified Public Accountants are advised to pursue the combination of the B.S. and M.S. degrees in Accounting. Students who successfully complete both degrees may choose to sit for the CPA examination upon completion of the 150 semester hour educational requirement of the Texas State Board of Public Accountancy.

Both degrees contain a central core of 24 hours. In the core courses, students have an opportunity to learn theories and analytical techniques that can be applied to the functional areas of business, such as finance and marketing. They are exposed to the international dimensions of business activities and to social and political factors that impinge on business behavior. A capstone course in the social and political environment of business provides an integrative experience where students are challenged to solve real world business problems.

Students are also required to take courses outside the School of Management in order to broaden their educational experience in preparation for leadership roles as professionals and/or managers in the modern business organization.

Fast Track Baccalaureate/Master's Degrees

The Fast Track B.S./MBA program is designed to permit undergraduate students enrolled at U.T. Dallas to begin work on the Master of Business Administration (MBA) degree before graduation. Qualified seniors may take up to 12 hours of graduate courses in Management that will apply toward the bachelor's degree and also satisfy requirements for the MBA degree. These courses will be selected from a list determined by the School. The Fast Track MBA program is only available for students who are planning to enroll in the Evening MBA Program.
The Fast Track B.S./M.S. in Accounting program is designed for students enrolled in the Bachelor of Science in Accounting program at U.T. Dallas to begin work on the Master of Science in Accounting degree before graduation. The program permits students to meet the educational requirements of the Texas State Board of Public Accountancy to become Certified Public Accountants. Qualified seniors may take up to 9 hours of graduate courses in Accounting that will apply to the bachelor's degree in Accounting and also satisfy requirements for the M.S. in Accounting degree. Students choosing this program may select from four tracks for their graduate studies. These courses will be selected from a list determined by the School. Upon entering the graduate accounting program, students may select any specialization for their M.S. in Accounting degree.

Admission to the Fast Track programs requires an overall GPA of 3.0, senior status, and approval from the student's advisor. Students are also required to meet admission requirements of the MBA and M.S. programs, including the GMAT scores. The student must take the GMAT examination prior to completing the baccalaureate degree. Students interested in participating in these programs should apply in the School of Management Advising Office (call 972-883-2750).

Admission to the Undergraduate Business Administration or Accounting Program

The School of Management is an upper-division school. Students entering U.T. Dallas at the lower-division who seek admission to the Business Administration or Accounting major must satisfactorily complete the 42 credit hours which constitute the lower-division core curriculum. Courses taken by upper-division transfer students to make up deficiencies in prerequisites may not be used to satisfy upper-division degree requirements. Also note that fifty percent of the upper-division business credit hours must be taken at U.T. Dallas.

To receive a double major in Accounting and Business Administration, an additional 12 hours of coursework in the field must be taken. For Accounting and MIS, take CS 1315, CS 3333, BA 4326 and either BA 4319, BA 4324, BA 4327 or BA 4395 in addition to the courses taken to satisfy the accounting major. For Accounting and Business Administration, take an additional 12 hours from Groups 1 and 2 below.

Minors

The School of Management does not offer minors at this time.

Bachelor of Science in Accounting Degree Requirements (120 hours)

I. Core Curriculum Requirements1: 42 hours

A. Communication (6 hours)
   3 hours Communication (RHET 1302)
   3 hours Communication Elective (BA 4305)²
B. Social and Behavioral Sciences (15 hours)
   6 hours Government (GOVT 2305 and 2306)
   6 hours History (HST 1301 and 2301)
   3 hours Social and Behavioral Science Elective (ECO 2301)²
C. Humanities and Fine Arts (6 hours)
   3 hours Fine Arts (AP 1301)
   3 hours Humanities (A&H 1301)
D. Mathematics and Quantitative Reasoning: (6 hours)
   6 hours Calculus (MATH 1325 and 1326)³
E. Science (9 hours including at least one course with a substantial laboratory component)
II. Major Requirements: 63 hours

Major Preparatory Courses (15 hours)
- ACCT 2301* Introductory Financial Accounting
- ACCT 2302* Introductory Cost Management
- BA 2301* Business and Public Law
- ECO 2301* Principles of Macroeconomics
- ECO 2302* Principles of Microeconomics
- MATH 1325* Applied Calculus I
- MATH 1326* Applied Calculus II
- MATH 2333* Matrices, Vectors, and Their Application

Major Core Courses (21 hours)
- BA 3341 Business Finance
- BA 3351 Management Information System
- BA 3352 Production Management
- BA 3361 Organizational Behavior
- BA 3365 Marketing Management
- BA 4371 International Business
- BA 4305 Social & Political Environment of Business
- STAT 3360 Probability and Statistics

Major Related Courses (27 hours)
- ACCT 3191 Professional Accounting Communications I
- ACCT 3192 Professional Accounting Communications II
- ACCT 3321 Managing Accounting Data
- ACCT 3322 Integrated Accounting Data
- ACCT 3331 Intermediate Financial I
- ACCT 3332 Intermediate Financial II
- ACCT 3334 Auditing
- ACCT 3341 Intermediate Cost Management
- ACCT 3351 Individual Taxation
- ACCT 4193 Professional Accounting Communications III
- ACCT 4342 Accounting Information Systems
- BA 4323 Business Data Communications

III. Elective Requirements: 15 hours

Advanced Electives (6 hours)
- All students are required to take at least six hours of advanced electives outside their major field of study.
- These must be either upper-division classes or lower-division classes that have prerequisites.

Free Electives (6 hours)
- Both lower- and upper-division courses may count as electives but students must complete at least 51 hours of upper-division credit to qualify for graduation.

Guided Electives (3 hours)
- To be chosen from ACCT 4343, BA 4319, or BA 4324.
Specified Course Descriptions

A&H 1301 (HUMA 1301) Exploration of the Humanities (3 semester hours) An introduction to the concept of cultural tradition through the study of selected works of literature, philosophy, music, and visual art. Emphasis on the relations among various forms of cultural expression and developing students' ability to interpret complex artistic works in their historical, cultural, and intellectual contexts. General education core course. (3-0) S

ACCT 2301 Introductory Financial Accounting (3 semester hours) An introduction to business external financial reporting designed to create an awareness of the accounting concepts and principles used in preparing the three basic financial statements: the income statement, balance sheet, and statement of cash flows. The course is designed to benefit all business students, whether future users or preparers of accounting information. (3-0) S

ACCT 2302 Introductory Cost Management (3 semester hours) An introduction to the determination, development, and uses of internal accounting information needed by business management to satisfy customers while continuously controlling and containing costs. The course is designed to benefit all business students, whether future users or preparers of accounting information. (3-0) Y

ACCT 3191 Accounting Professional Communications I (1 semester hour) The course is designed to develop professional communication skills. Topics covered range from the professional interview process to writing effective memoranda. Students will interact with guest speakers from industry and accounting firms. (1-0) Y

ACCT 3192 Accounting Professional Communications II (1 semester hour) The course is designed to refine accounting communication skills and provide an introduction to professional analysis of accounting issues that impact the business world. Students will interact with guest speakers from industry and accounting firms. Prerequisite: ACCT 3191 (1-0) Y

ACCT 3321 Managing Accounting Data (3 semester hours) This course introduces database concepts in the context of accounting systems and the basic design and implementation of relational databases and database applications. The goal is to understand how relational databases can be used for managing accounting data. Prerequisite: ACCT 3320 (3-0) Y

ACCT 3322 Integrated Accounting Systems (3 semester hours) This course introduces fundamental concepts in integration of information systems. It addresses the complexity of integration and flexibility of an integrated accounting information system. This course employs SAP software. Prerequisite: ACCT 3321 (3-0) Y

ACCT 3331 Intermediate Financial Accounting I (3 semester hours) A study of business external financial reporting, intended for students who desire further knowledge of concepts, principles and practice. Consideration of issues related to measurement and reporting of cash, receivables, inventories, property, plant and equipment, and intangibles. Current financial statement presentation issues are analyzed to gain an appreciation for the impact of generally accepted accounting principles on the business environment as a whole. Prerequisite: ACCT 2301. (3-0) S

ACCT 3332 Intermediate Financial Accounting II (3 semester hours) A continuation of topics in business reporting including accounting for debt equity, investments, taxes, leases, pensions, cash flows, revenue recognition, accounting changes, and error analysis. Current generally accepted accounting principles for business reporting are analyzed as is their effect on the presentation of financial results by corporations and other entities. Prerequisite: ACCT 3331. (3-0) Y

ACCT 3334 Auditing (3 semester hours) Basic concepts, philosophy, standards, procedures, and practices of auditing are presented. Topics include generally accepted auditing standards, the changing role of the independent auditor in society, professional conduct and ethics, auditor's reporting responsibilities, risk assessment, internal control, fraud, evidential matter, and the computer in auditing and the global economy. Prerequisites: ACCT 3331 (3-0) Y

ACCT 3341 Intermediate Cost Management (3 semester hours) A study of business management's internal accounting information needs as it pertains to cost control and containment. Emphasis on the processes of business planning, controlling, and decision making. Topics include cost behavior, cost accumulation alternatives, cost allocation issues, budgeting, and performance measurement. Prerequisite: ACCT 2302. (3-0) Y

ACCT 3351 Individual Taxation (3 semester hours) An introduction to federal taxation principles and concepts for individual income. Prerequisites: ACCT 2301 and 2302. (3-0) Y

ACCT 4193 Accounting Professional Communications III (1 semester hour) This course is designed for students to develop an understanding of the professional literature of accountants. Students will interact with guest speakers from industry and accounting firms. Prerequisite: ACCT 3192 (1-0) Y

ACCT 4342 Accounting Information Systems (3 semester hours) The course focuses on the needs and responsibilities of accountants as end users of information systems. It is based on the use of conceptual frameworks to emphasize the
professional and legal responsibility of accountants and auditors for the design, operation, and control of AIS applications. While the course is primarily constructed for accountants, other business majors may find the contents beneficial to their careers. Prerequisite: ACCT 3321. (3-0) S

**ACCT 4343 Evaluating Information Systems and Technologies** (3 semester hours) This course introduces quantitative techniques used to characterize costs, benefits, and risks of IT investments. Advanced spreadsheet models are used to implement these evaluation techniques. Prerequisite: ACCT 4342 (3-0) Y

**AP 1301 (ARTS 1301) Exploration of the Arts** (3 semester hours) This course introduces students to the physical and intellectual demands required of the author, the performer, and the visual artist. This introduction includes, but is not limited to, the student's production of a creative project as well as written assessments of art and performance. (3-0) Y

**BA 2301 (BUSI 2301) Business and Public Law** (3 semester hours) Commercial and administrative law, focusing on the law of contracts, agency, bailments, property, and laws of partnerships and corporations. (3-0) Y

**BA 3341 Business Finance** (3 semester hours) Theoretical and procedural considerations in the administration of finances in the firm: sources and uses of funds, working capital, capital budgeting, capital structure, and costs of capital. Corequisite: STAT 3360. (3-0) Y

**BA 3351 Introduction to Management Information Systems** (3 semester hours) Introduction to basic management information systems and computer concepts. Emphasis on the various facets of the computer, information processing including computer applications, processing data into information, computer hardware, file organization and databases, communications, and information system development. Use of word processing, spreadsheet, and database application software to develop PC skills. (3-0) S

**BA 3352 Production Management** (3 semester hours) Applications of operations research methods to production problems. Production processes in the business firm with emphasis on forecasting, production planning, and production control techniques. Prerequisite: ACCT 4342. (3-0) Y

**BA 3361 Organizational Behavior** (3 semester hours) An integrated social science approach to administrative problems using behavioral sciences. Behavior in organizations is examined with attention given to such topics as performance appraisal, selection, training, motivation, job satisfaction, communications, leadership, small group processes, decision making, power, conflict, organizational structure, and organizational change. (3-0) Y

**BA 3365 Marketing Management** (3 semester hours) Marketing principles including marketing planning, the decision making environment, market measurement, product decisions, promotion, pricing, and distribution. Special emphasis placed upon the determination and evaluation of market segments. (3-0) S

**BA 4305 Social and Political Environment of Business** (3 semester hours) Capstone-level course requiring integration of all fields of business. Students will draw on their broadened awareness of various environmental influences (social and political) to solve business problems. Management alternatives will be examined with an ethical perspective relating policy trends to the strategic planning mode. Prerequisite: Completion of all core courses. (3-0) S

**BA 4319 Programming in C++** (3 semester hours) This course will introduce students to concepts in object-oriented programming. Students will develop application programs using C++. Application development using Java will also be introduced. Prerequisite: CS 1315 (3-0) S

**BA 4323 Business Data Communications** (3 semester hours) IS managers need to have an in-depth understanding of a gamut of issues relating to data communication and distributed processing, including technical, economic, and managerial details. The course will focus on currently observed industry trends, including the digital convergence of voice, video and data, enterprise-wide connectivity, distributed computing environments, and the massive demand for Internet-based open systems. (3-0) Y

**BA 4324 Information Systems Management** (3 semester hours) Management of the information technology within an organization is a critical activity. Students will be introduced to issues relating to IT investment, management of IT, and using IT for competitive advantage. (3-0) Y

**BA 4371 International Business** (3 semester hours) Examination of worldwide patterns of trade and investment. Overview of financial, managerial, and marketing problems confronted by multinational firms. Prerequisites: BA 3341 and 3365. (3-0) S

**ECO 2301 (ECON 2301) Principles of Macroeconomics** (3 semester hours) An introduction to theories of the determination of national production and income, interest rates, inflation, and unemployment. Other topics include the banking system, the balance of payments, economic growth and development. (3-0) S
ECO 2302 (ECON 2302) Principles of Microeconomics (3 semester hours) An introduction to theories of the behavior of markets. Topics include the theory of demand and supply, market structure, resource markets, international interdependence in commodity markets, the role of government policy and regulation. (3-0) S

GOVT 2301 Constitutional Foundations and Political Behavior in the U.S. and Texas (3 semester hours) This course examines the evolution and current state of political behavior and public policy making in the U.S. and Texas. Topics discussed will include the constitutions, federalism, intergovernmental relations, voting, elections, political parties, public opinion, and interest groups. (Fulfills one-half of the legislative requirement of 6 hours of American government.) (3-0) S

GOVT 2302 Political Institutions in the U.S. and Texas (3 semester hours) This course explores the primary institutions of U.S. and Texas government. It examines the bureaucracy as well as the executive, legislative, and judicial branches of government at the state and federal level. (Fulfills one-half of the legislative requirement of 6 hours of American government.) (3-0) S

HST 1301 Themes and Ideas in American History (3 semester hours) An introduction to the methods of historical inquiry through the study of selected main themes in American history. A course designed to offer students an understanding of the historical and cultural context of America in the contemporary world. Fulfills one-half of the Texas legislative requirement for six hours in American history. (3-0) S

HST 2301 Issues in American History (3 semester hours) Readings, commentary, and discussion aimed at varying aspects of history and culture. Fulfills one-half of the Texas legislative requirement for six hours in American history. (3-0) Y

MATH 1325 Applied Calculus I (3 semester hours) Functions and graphs, differentiation, maxima and minima, exponential and logarithmic functions, integration, applications of integrals. Cannot be used to satisfy degree requirements or majors in the School of Engineering and Computer Science or major requirements in the School of Natural Sciences and Mathematics. Credit given for only one of MATH 1325 or 2417. Prerequisite: MATH 1314 or equivalent. (3-0) S

MATH 1326 Applied Calculus II (3 semester hours) Applications of differential equations, functions of several variables, least squares modeling, multiple integrals, infinite series. Cannot be used to satisfy degree requirements for B.S. majors in Schools of Engineering and Computer Science or Natural Sciences and Mathematics. Credit given for only one of MATH 1326 or 2419. Prerequisite: MATH 1325. (3-0) S

MATH 2333 Matrices, Vectors, and Their Application (3 semester hours) Matrices, vectors, determinants, inverses, systems of linear equations, and applications. Cannot be used to satisfy degree requirements for majors in the School of Engineering and Computer Science, or major requirements in the School of Natural Sciences and Mathematics. Credit given for only one of MATH 2333 or 2418. Prerequisite: MATH 1314 or equivalent. (3-0) S

RHET 1302 (ENGL 1302) Rhetoric (3 semester hours) The course presents an integrated approach to writing, reading, and critical thinking by developing the grammatical, logical, and rhetorical skills necessary for university writing. All classes work in a computerized learning environment. Students are taught basic computer literacy and submit all work electronically and on paper. (3-0) S

STAT 3360 Probability and Statistics for Management and Economics (3 semester hours) Probability theory including independence, conditioning, density functions, frequently used families of distributions, random variables, expectation, moments, and the central limit theorem; statistical inference including sampling, estimation, hypothesis testing, and regression. Cannot be used by mathematical sciences, engineering, or computer science majors to satisfy degree requirements. Prerequisite: MATH 1326. (3-0) S