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 and Information Management provides students a broad-based education that balances conceptual with pragmatic knowledge and exposes accounting students to other related areas. The objective of the Program is to develop professionals who understand the role of information in organizations and financial markets; have the necessary skills to integrate financial analysis and information technology; and possess analytical and management functional area skills. Completion of this program will enable students to seek careers in information-intensive organizations as information managers, consultants or financial analysts. Students who desire a comprehensive accounting education and are seeking to become Certified Public Accountants are advised to pursue the 150 credit-hour, B.S. and M.S. Fast-Track Program in Accounting and Information Management. 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. Fifty percent of the total business credit hours must be taken at U.T. Dallas.

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.

Faculty


**Associate Professors:** J. Richard Harrison, Zhiang Lin, B.P.S. Murthi, Steve Perkins, Suresh Radhakrishnan, Young Ryu, David Springate, Houmin Yan

**Assistant Professors:** Mark Anderson, Indranil Bardhan, Norris Bruce, Hshui Chang, Milind Dawande, Laurel Franzen, Rakesh Gupta, Eran Haruvy, Suya Janakiraman, Robert Kieschnick, Nanda Kumar, Nirup Menon, Barry Mishra, Ramahandran Natarajan, Steven Phelan, Mina Pizzini, Ashutosh Prasad, Srinivasan Raghunathan, Orlando Richard, Rafal Szwejkowski, Kam-Ming Wan, Yexiao Xu, Wei Yue

**Senior Lecturers:** Jasper Arnold, George Barnes, Amy Bass, Mary Chaffin, Dale Chismore, William C. Dent, Ann Ferrante, Richard Fisher, David Heroy, Marilyn Kaplan, Peter Lewin, Cornelia Lind, John McCracken, Diane S. McNulty, Joseph Picken, Carolyn Reichert, Michael Savoie, Charles Solcher, Habte Woldu, Laurie Ziegler

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 of Science 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 and Information Management program is designed for students enrolled in the Bachelor of Science in Accounting and Information Management program at U.T. Dallas to begin work on the Master of Science in Accounting and Information Management 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 6 hours of graduate courses in Accounting and Information Management that will apply to the Bachelor of Science degree in Accounting and Information Management and also satisfy requirements for the M.S. in Accounting and Information Management degree. Students choosing this program may select from seven tracks for their graduate studies that relate to core services identified by the accounting and information management professions including financial planning and analysis, assurance services, taxation services, international services, management consulting, information management, and software management. Candidates have the option of choosing a track that meets their needs based on their previous experience and future aspirations. The program provides a tailored educational experience that encourages (1) a globally-oriented, interdisciplinary focus, (2) a balanced conceptual and pragmatic approach, (3) development of written and oral communication skills, (4) a refinement of research and analytical skills that results in enhanced decision-making abilities, and (5) a commitment to life-long learning. The classes for the M.S. degree are largely offered in the evenings.

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).

Minors
For a minor in Business Administration, students must take BA 3361, BA 3365 and AIM 2301 or AIM 2302 with an additional 9 hours to be selected from upper-level BA and AIM courses. All course prerequisites must be met.

For a minor in Accounting and Information Management (AIM), students must take a minimum of 18 hours, 12 of which must be upper-division AIM courses. All students must take AIM 2301, AIM 2302, and AIM 3320. In addition, students may choose from one of the following three tracks: Financial Analysis Track: (Choose any 3 of: AIM 3331, AIM 4336, AIM 4337, BA 3341); Information Management Track: (Choose any 3 of: AIM 3321, AIM 3322, AIM 4342, BA 4321); or Software Management Track: (Choose any 3 of: AIM 3321, AIM 4343, AIM 4344, BA 4318). Students may design alternative tracks combining a different set of upper division AIM courses to match their career interests.

Bachelor of Science in Business Administration
Degree Requirements (120 hours)

I. Core Curriculum Requirements\(^1\): 42 hours
   A. Communication (6 hours)
      3 hours Communication (RHET 1302)
      3 hours Communication Elective (BA 4305 or 4309)\(^2\)
   B. Social and Behavioral Sciences (15 hours)
      6 hours Government (GOVT 2301 and 2302)
      6 hours American History
      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 (HUMA 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)

\(^1\) Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at U.T. Dallas.
II. **Major Requirements: 51-54 hours**

**Major Preparatory Courses (15 hours/18 hours for MIS Concentration)**

- AIM 2301* Introductory Financial Accounting
- AIM 2302* Introductory Management Accounting
- BA 2301* Business and Public Law
- CS 1315* Computer Science I
- 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 Introduction to Management Information Systems
- BA 3352 Production Management
- BA 3361 Organizational Behavior
- BA 3365 Marketing Management
- BA 4305 Social & Political Environment of Business
- BA 4371 International Business
- STAT 3360 Probability and Statistics for Management and Economics

**Major Related Courses (15 hours)**

**Breadth Core Courses for the Finance concentration**

- AIM 3341 Cost Management Systems
- BA 4321 Database Fundamentals
- BA 4345 Money and Capital Markets
- BA 4346 Investment Management
- BA 4347 Applied Corporate Finance

**Breadth Core Courses for the MIS concentration**

- BA 4321 Database Fundamentals
- BA 4322 Systems Analysis and Design
- BA 4323 Business Data Communications
- BA 4326 Systems Development Project
- CS 3333 Data Structures

**Breadth Core Courses for students not choosing a concentration - General Business**

Select from the following with at least 3 hours from 3 of the 4 groups:

**Group 1: Government and Regulation**

- BA 4307 Corporations and Politics
- BA 4309 Regulation of Business

**Group 2: Marketing and Trade**

- BA 3372 Export Market Development
- BA 3374 International Marketing
- BA 4345 Money and Capital Markets

**Group 3: Finance and Accounting**

- AIM 3320 Financial Information Management
- AIM 3341 Cost Management Systems
- AIM 4336 Financial Statement Analysis
- AIM 4337 Business Valuation
- BA 4346 Investment Management

**Group 4: Information Systems**

- AIM 4344 Software Management
- BA 4321 Database Fundamentals
- BA 4322 Systems Analysis and Design
- BA 4323 Business Data Communications

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*Indicates a prerequisite class to be completed before enrolling for upper-division classes.

2 A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.

3 These hours are counted under Mathematics Core above; students may substitute MATH 2417 and 2419.

4 Only required for MIS Concentration.

5 Students with MIS concentration may substitute MATH 2418 or CS 2305.
III. **Elective Requirements: 24-27 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

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.

- **Finance Concentration:** (15 hours) (must be non-business courses)
- **MIS Concentration:** (9 hours) (6 hours must be non-business courses)
- **General Business:** (21 hours) (6 hours must be non-business courses)

Guided Electives

- **Finance Concentration:** (6 hours) To be selected from AIM 3320, AIM 3331, AIM 3351, BA 4322, and BA 4323.
- **MIS Concentration:** (9 hours) To be selected from BA 4318, BA 4319, BA 4320, BA 4324, BA 4328, BA 4329, BA 4331, BA 4V95, AIM 4343, CS 3375, CS 4376

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Bachelor of Science in Business Administration and Biology Degree Requirements (Double Major – 134 hours)

I. **Core Curriculum Requirements**: 42 hours

A. Communication (6 hours)
   - 3 hours Communication (RHET 1302)
   - 3 hours Communication Elective (BA 4305)

B. Social and Behavioral Sciences (15 hours)
   - 6 hours Government (GOVT 2301 and 2302)
   - 6 hours American History
   - 3 hours Social and Behavioral Sciences Elective (ECO 2301)

C. Humanities and Fine Arts (6 hours)
   - 3 hours Fine Arts (AP 1301)
   - 3 hours Humanities (HUMA 1301)

D. Mathematics and Quantitative Reasoning (6 hours)
   - 6 hours Calculus (MATH 1325 and 1326)

E. Science (9 hours)
   - 9 hours Chemistry (CHEM 1311, 1111, 1312, 1112 and 2123)

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[1] Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at U.T. Dallas.

II. **Major Requirements: 80 hours**

Business and Management Major Preparatory Courses (15 hours beyond Core Curriculum)

- AIM 2301* Introductory Financial Accounting
- AIM 2302* Introductory Management Accounting
- 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

Business and Management Core Courses (21 hours)

- BA 3341 Business Finance
- BA 3351 Introduction to Management Information Systems
- BA 3352 Production Management
- BA 3361 Organizational Behavior
- BA 3365 Marketing Management
- BA 4305 Social & Political Environment of Business
- BA 4371 International Business
STAT 3360 Probability and Statistics for Management and Economics
or STAT 3341 Probability and Statistics in Science and Engineering
or STAT 3332 Statistics for Life Sciences

Biology Major Preparatory Courses (15 hours beyond Core Curriculum)
CHEM 2323*/2123* Introductory Organic Chemistry I with Laboratory
CHEM 2325*/2225* Introductory Organic Chemistry II with Laboratory
PHYS 1301/1101 College Physics I with Laboratory
or PHYS 3341/2125 Physics for Bio Science I with Laboratory
PHYS 1302/1102 College Physics II with Laboratory
or PHY 3342/2126 Physics for Bio Science II with Laboratory

Biology Core Courses (29 hours)
BIOL 2311*/2111* Introduction to Modern Biology I with Workshop
BIOL 2312*/2112* Introduction to Modern Biology II with Workshop
BIOL 2281* Introductory Biology Laboratory
BIOL 3301/3101 Classical and Molecular Genetics with Workshop
BIOL 3302/3102 Eukaryotic Molecular and Cell Biology with Workshop
BIOL 3361/3161 Biochemistry I with Workshop
BIOL 3362/3162 Biochemistry II with Workshop
BIOL 3380 Biochemistry Laboratory

2 A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.
3 Students may substitute Calculus (MATH 2417 and 2419).
*Indicates a prerequisite class to be completed before enrolling for upper-division classes.

III. Elective Requirements: 12 hours
Advanced Electives
All students are required to take at least six hours of advanced electives outside their major field of study. These must be upper-division classes or lower-division classes that have prerequisites. These are satisfied with CHEM 2323 and 2325 counted under Major Preparatory Courses above.

Guided Electives (12 hours)
Business Administration: (9 hours) To be selected from AIM 3341, AIM 4342, BA 4321, BA 4322, BA 4346.
Biology: (3 hours) BIOL 4380 Cell and Molecular Biology Laboratory or approved upper-level biology course.

Bachelor of Science in Accounting and Information Management
Degree Requirements (120 hours)

I. Core Curriculum Requirements: 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 2301 and 2302)
6 hours American History
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 (HUMA 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)

2 Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at U.T. Dallas.

II. Major Requirements: 63 hours
Major Preparatory Courses (15 hours)
AIM 2301* Introductory Financial Accounting  
AIM 2302* Introductory Management Accounting  
BA 2301* Business and Public Law  
ECO 2301* Principles of Macroeconomics\(^2\)  
ECO 2302* Principles of Microeconomics  
MATH 1325* Applied Calculus I\(^2\)  
MATH 1326* Applied Calculus II\(^2\)  
MATH 2333* Matrices, Vectors, and Their Application

**Major Core Courses (21 hours)**
- BA 3341 Business Finance  
- BA 3351 Introduction to Management Information Systems  
- BA 3352 Production Management  
- BA 3361 Organizational Behavior  
- BA 3365 Marketing Management  
- BA 4305 Social & Political Environment of Business\(^2\)  
- BA 4371 International Business  
- STAT 3360 Probability and Statistics for Management and Economics

**Major Related Courses for all Tracks (12 hours)**
- AIM 3191 Professional Communications I  
- AIM 3192 Professional Communications II  
- AIM 3320 Financial Information Management  
- AIM 3341 Cost Management Systems  
- AIM 4193 Professional Communications III  
- AIM 4343 Evaluation of Information Technology

**Major Related Courses for Track 1-Fast Track (15 hours)**
- AIM 3331 Intermediate Financial Accounting I  
- Accounting and Information Management Elective*  
- Accounting and Information Management Elective*  
- Graduate Accounting and Information Management Elective**  
- Graduate Accounting and Information Management Elective**

* Accounting and Information Management elective may be any undergraduate accounting and information management course or graduate elective approved by the Director of Accounting and Information Management Programs.

** Course meets 3 hours of both undergraduate and graduate accounting course requirements. Students choose from a list of courses approved by the Director of Accounting and Information Management Programs.

**Major Related Courses for Track 2-Financial Analysis Track (15 hours)**
- AIM 3331 Intermediate Financial Accounting I  
- AIM 4336 Financial Statement Analysis  
- AIM 4337 Business Valuation  
- Accounting and Information Management Elective***  
- Accounting and Information Management Elective***

*** Accounting and Information Management elective may be any undergraduate accounting and information management course or graduate elective approved by the Director of Accounting and Information Management Programs.

**Major Related Courses for Track 3-Information Management Track (15 hours)**
- AIM 3321 Managing Financial Data  
- AIM 3322 Integrated Information Systems  
- AIM 4342 Analysis and Design of Accounting Systems  
- AIM 4344 Software Management  
- Accounting and Information Management Elective^  

^ Accounting and Information Management elective may be any undergraduate accounting and information management course or graduate elective approved by the Director of Accounting and Information Management Programs.

**Major Related Courses for Track 4-Software Management Track (15 hours)**
- AIM 3321 Managing Financial Data  
- AIM 4342 Analysis and Design of Accounting Systems  
- AIM 4344 Software Management
Any two of the following:
   BA 4318 Programming in Visual Basic
   BA 4319 Programming in C++
   BA 4331 Programming in JAVA

2 A required major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.
3 Students may elect to substitute MATH 2417 and 2419.
* Indicates a prerequisite class to be completed before enrolling for upper-division classes.

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) (must be non-business courses)
   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 AIM 3321, AIM 4344, or BA 4346 (not counted toward degree requirements).