

DOCTORAL PROGRAMS IN BUSINESS ADMINISTRATION

COLLEGE OF BUSINESS ADMINISTRATION

**THE UNIVERSITY OF TEXAS
AT
ARLINGTON**

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PH.D. PROGRAMS IN BUSINESS ADMINISTRATION

1. INTRODUCTION

The programs for the Doctor of Philosophy in Business Administration degree of The University of Texas at Arlington (UTA) are designed primarily to develop scholars with an ability to teach and conduct independent research in various areas of business administration. The programs prepare students for careers as creative teachers and researchers by providing thorough preparation in both the theory and practice of business administration. The curriculum emphasizes and develops the rigorous analytical skills needed to make significant contributions in the fields of business. Graduates of the programs will assume significant roles in the world's educational and research institutions through the dissemination of knowledge in the classroom and the publication of research in journals and books and add significantly to the body of knowledge in their chosen fields.

2. FIELDS OF STUDY

Coursework in the programs is offered in the following areas: accounting, banking and finance, business policy/strategic management, business economics, business statistics, personnel human resource management, insurance and risk management, international business management, investments and securities, labor/industrial relations, management information systems, management sciences, marketing management and research, organizational behavior, organizational theory, real estate, small business management and ownership, operations management, and taxation. Coursework in these areas of study supports the following major fields: Accounting, Economics, Finance, Information Systems, Management, Management Sciences (Operations Management or Business Statistics), and Marketing. All students must complete work in two fields: a major (dissertation) field and a minor field. A minor field may be external to the College of Business. Examples are Industrial Engineering, Mathematics, Computer Science, Sociology, and Psychology. The student must petition the Graduate Advisor for approval of an external minor field. Additionally, a student must complete a research field. The major and minor fields of study are chosen by the student with the assistance of the Graduate Advisor, Major Field Coordinator, and/or Supervisory Committee Chair (Section 4 discusses the Supervisory Committee).

3. STEPS IN THE PH.D. PROGRAMS

Progress through the programs constitutes completing the following steps:

Coursework

- Confer with Major Field Coordinator
- Pass first-year Diagnostic Evaluation and subsequent Annual Evaluations
- Select Supervisory Committee and gain approval of Program of Study
- Complete coursework

Comprehensive Examinations

- Request and pass written comprehensive examinations in major, minor, and research fields
- Request and pass oral comprehensive examination
- Submit Comprehensive Examination Report to Graduate School

Dissertation

- Select Dissertation Committee
- Prepare and present dissertation proposal
- Write dissertation
- Apply for graduation
- Defend dissertation and submit to Graduate School

4. SELECTION OF A SUPERVISORY COMMITTEE

A. Around the end of the first year (18-24 hours), the student, in consultation with the Major Field Coordinator, will select a Supervisory Committee consisting of three members from the student's major field and one member from the minor field. The Chair of the Supervisory Committee must be a full member of the Graduate Faculty and a member of the student's major field. Other Supervisory Committee members must be members or associate members of the Graduate Faculty. The role of the Supervisory Committee is to approve the student's Program of Study and oversee his/her progress through completion of the comprehensive examinations.

B. Membership of a student's Supervisory Committee may be changed upon the approval of the Chair of the Supervisory Committee, the Major Field Coordinator, and the Director. The student's Supervisory Committee is dissolved when he/she passes the oral comprehensive examination.

5. SELECTION OF MAJOR AND MINOR FIELDS

A. A student must complete coursework in two fields of study (see Section 2).

B. The coursework required in a major or minor field will be approved by the student's Supervisory Committee and the Director. The appropriate Major Field Coordinators must approve and sign the student's Program of Study (see Section 9) to document that the field requirements have been met. See Appendix for course requirements.

C. A student may include a special minor field (a field not listed as a major field in Section 2) in his/her program provided it is adequately justified by the student and appropriate to the student's Program of Study. Generally, approval of a special minor field may be granted by the Director. The coursework required of a special minor field will be approved by the student's Supervisory committee, the Major Field Coordinator, and the Director.

D. If a student desires a special minor field external to the College of Business Administration, he/she must petition to include the special external minor field. The special external minor field must be a recognized discipline in a graduate program on the UTA campus. The special external minor field must consist of a minimum of 12 hours of graduate courses, exclusive of leveling and foundation courses.

E. If a student wants to change a major field, he/she must submit a Change of Program Form. The form must be approved by the Major Field Coordinator for the student's proposed major field and the Ph.D. Program Director (see Section 15).

F. A student can change a minor field after approval of the Supervisory Committee, the Major Field Coordinator, and the Director.

6. THE RESEARCH FIELD

A. The research field consists of 15 hours of approved coursework. The research field is designed to provide students with a mastery of research philosophy, design, and methodology. Major issues addressed by the research field courses include philosophy of science; theory development and typologies; experimental and quasi-experimental design; survey design; sampling; measurement and scaling; descriptive and inferential statistics, including regression and multivariate statistics; evaluation research; the use of data banks; and computer application.

B. The research field for each student is designed from the eight core research courses listed. Occasionally as appropriate, the Ph.D. Program Director may approve specialized research substitute courses.

C. The faculty of each major field (Accounting, Economics, Finance, etc.) are responsible for coordinating the student's research field comprehensive examination. Faculty from other field areas are invited to participate in evaluating the student's competence in the research field, as appropriate.

D. Courses taken to meet a student's research field requirement may not be counted toward meeting the requirements of either a major or a minor field.

7. THE BUSINESS FOUNDATION

A. The Business Foundation lays the groundwork for the advanced courses in the program. It includes an integrative cross-section of business administration fields. Up to 12 hours of business foundation courses are required for someone without a master's degree in business, or the equivalent in behavioral science and economics (intermediate equivalent) and two graduate-level preparation courses or equivalent in accounting, finance, information systems, management sciences, marketing, and organizational behavior. The Business Foundation requirements normally can be fulfilled by taking courses from the MBA Foundation Program and any required deficiency courses.

B. Rules regarding the Business Foundation are:

1. Waivers for courses in the Business Foundation can be made as follows:
 - a. Courses taken at AACSB-accredited (or equivalent) schools-grades of A or B are acceptable.

- b. Courses taken at non–AACSB-accredited schools are evaluated on an individual basis.
2. Courses taken over ten years before enrollment generally will not be accepted.
 3. Students must achieve a GPA of at least 3.25 in the Business Foundation courses taken at AACSB-accredited (or equivalent) schools. Substitute courses from an approved list of advanced courses can be used to compute the GPA.
 4. Business Foundation courses should generally be taken during the first year and must be completed before sitting for any comprehensive examination.
 5. A candidate must demonstrate competence in the Business Foundation through successful completion of a diagnostic and/or annual performance evaluation (see Section 8). The form of the evaluation is a matter to be decided by the Chair of the student’s Supervisory Committee in consultation with the Major Field Coordinator and the Director.
 6. The four foundation courses should be taken from at least three different departments outside the student’s major area.

8. DIAGNOSTIC AND ANNUAL PERFORMANCE EVALUATIONS

- A. A diagnostic evaluation will be conducted near the end of the first year but no later than 24 credit hours. An annual performance evaluation will take place each subsequent year.
- B. The evaluation will be conducted by the Major Field Coordinator in consultation with a faculty committee. If the student has not yet passed all comprehensive examinations or does not have a formal Dissertation Committee, the faculty committee will consist of the faculty in the major area. If the student has passed all comprehensive examinations and has a formal Dissertation Committee, the faculty committee will consist of the Dissertation Committee.
- C. Upon completion of the evaluation, a recommendation of continuation or discontinuation in the program is made to the Ph.D. Program Director for a final decision. For a discontinuation decision resulting from the first year diagnostic evaluation, the student will immediately be discontinued in the Ph.D. program. For a discontinuation decision in the annual performance review in the second year and beyond, the student will have one regular semester (Fall or Spring) to demonstrate satisfactory improvement in his/her performance. At that time the Major Field Coordinator, in consultation with the appropriate faculty committee and the Ph.D. Program Director, will make a final decision on whether the improvements are satisfactory. An unsatisfactory decision at that time will result in the immediate discontinuation of the student in the program.

9. PROGRAM OF STUDY

- A. The following minimum semester hours must be included in the student’s Program of Study.

Business Foundation	*
Major Field	18**
Minor Field	12**
Research Field	15**
Teaching Effectiveness Seminar	1***
Dissertation Hours	18

*From 0 to 12 hours depending upon the student's background at the time of admission to the Program (see Section 7)

**Previous equivalent advanced coursework may be accepted.

***Required for students holding an assistantship and recommended for others

- B. Waiver courses for major, minor, and research fields are allowed only from AACSB-accredited (or equivalent) institutions for courses with a B grade or better.
- C. The purpose of the Teaching Effectiveness Seminar is to prepare students to excel in teaching their subject matter. Established teachers with evidence of good to excellent teaching performance may petition to be excused from this requirement.
- D. Students must select the major field prior to taking any coursework. Students may defer the selection of a

minor field until the diagnostic evaluation.

E. At the beginning of each semester, students in the programs should, if required, confer with the Major Field Coordinator, who will assist and advise the student in the selection of appropriate courses.

F. Upon completion of the diagnostic evaluation, the student will prepare a Program of Study, which must be approved by the Supervisory Committee and the Director. In addition, for each major or minor field selected, the Program of Study must be signed by the Major Field Coordinator indicating that the coursework conforms to the policies established by the faculty of that field.

10. COMPREHENSIVE EXAMINATIONS

A. Students must demonstrate competence in their major, minor and research fields by the successful completion of written examinations. The content of the comprehensive examinations may vary depending on whether the examination is a major or minor field examination.

B. Written comprehensive examinations in each field will be given in February and early September. Students may not take a written comprehensive examination until all coursework in the field is completed.

C. A student who is eligible to take the written comprehensive examinations must complete a Comprehensive Examination Request Form and submit it to his/her Major Field Coordinator for approval. A student is eligible for a written comprehensive examination when he/she has completed the Business Foundation (with a GPA of at least 3.25) and prescribed coursework in the field. Upon approval, the form will be forwarded to the Director no later than August 1 for the September examinations and November 30 for the January/February examinations. A course listed on the Comprehensive Examination Request Form cannot be listed for examination in any other field.

D. No student will be required to take more than one field examination on a single day. For each student, three weeks prior to the examination date, the Director will provide the Major Field Coordinator administering the examination with a list of the coursework completed by the student in that field. Completed tests for written comprehensive examinations must be submitted to the Director by the Major Field Coordinator at least one week before the examination. For each field, the Major Field Coordinator shall establish a panel of at least three faculty members who are full or associate members of the Graduate Faculty to prepare the questions and grade the completed examinations.

E. After administration of the comprehensive examinations, the Director will code the examinations and forward the examinations to the Major Field Coordinators, who will forward them to the examination panel. Each examination will be read independently by the panel members and graded. The panel will collectively determine whether the student passes or fails and inform the Director of the results in writing on the prescribed form. The Director will notify the student, the Major Field Coordinator, and the Chair of the student's Supervisory Committee of the results in writing.

F. If a student fails a written comprehensive examination and if the he/she continues in that field, the examination must be retaken the next time the examination is offered. If a student fails a second written comprehensive examination in a major or research field, then he/she will not be permitted to continue in the program. If a student fails a written comprehensive examination in a minor field twice, then he/she will not be permitted to continue in that field. If a student is awarded a conditional pass in the comprehensive exam, then the conditions must be satisfied by the start of the next semester (Spring or Summer), or the grade becomes a fail.

G. A student who fails to complete all comprehensive examinations within 25 months will be required to retake any examinations falling outside the 25- month period.

H. If a student successfully completes all the written examinations, then he/she will schedule a comprehensive oral examination as soon as possible. The oral examination is administered by the student's Supervisory Committee. The content of the oral examination will be determined by the Supervisory Committee.

I. Any student failing the comprehensive oral examination will be given a second comprehensive oral examination within 12 months of the date of the first comprehensive oral examination. If a student fails the second comprehensive oral examination, then he/ she will not be permitted to continue in the program.

J. If a student successfully completes the comprehensive oral examination, then he/she is admitted to candidacy following completion of the Comprehensive Examination Report.

11. DISSERTATION

- A. The Dissertation Committee consists of a minimum of four members at least two of whom must be from the major field. The chair of the Dissertation Committee must be from the major field, at least one member of the committee must be from the research field, and one member of the committee must be from outside the major field. With the approval of the Graduate Dean, one of the members may be a nationally or internationally recognized non-UTA scholar.
- B. When forming the Dissertation Committee, the student must obtain the written consent of each Dissertation Committee member by completing the Dissertation Committee Form and filing it with the Director. The chair of the Dissertation Committee must be from the major field and a full member of the Graduate Faculty.
- C. The Chair of the Dissertation Committee has a special responsibility to direct all activities in relation to the dissertation as a representative of the Graduate Faculty.
- D. If a member of the Dissertation Committee can no longer serve due to illness, extended absence from the University, discontinuation of employment, or any other reason, then the student, in consultation with the Chair of the Dissertation Committee and the Major Field Coordinator, will select a replacement and inform the Director in writing. In other cases, the student must petition the Graduate Faculty through the Director to change any member(s) of the Dissertation Committee.
- E. The candidate will prepare a dissertation proposal and submit copies to each member of the Dissertation Committee and the Director prior to the proposal presentation. The entire Dissertation Committee must convene formally to act upon the dissertation proposal at a time and place announced by the Director. The committee may reconvene for additional meetings. All faculty members and graduate students may attend the proposal presentation. The proposal must be approved by each Dissertation Committee member and the Director.
- F. Following completion of the comprehensive examinations, a student will be required to enroll for at least six hours of dissertation credits each regular semester and at least six hours each summer until completion of the dissertation. Doctoral students not in residence are required to take three hours in the summer. All doctoral students are required to register for nine hours in their graduating semester.
- G. During the research and writing phase of the dissertation, students are encouraged to consult with all members of the Dissertation Committee. Students must register for a minimum of 18 credit hours in the dissertation and show reasonable progress during any semester they are registered for the dissertation course. Candidates must complete the dissertation defense and all other requirements within four calendar years after the semester in which the oral comprehensive examination is completed.
- H. After consultation with the Dissertation Committee Chair, the student will prepare and distribute sufficient copies of the completed dissertation to Dissertation Committee members and the Graduate Advisor. If the Dissertation Committee gives its preliminary approval to the dissertation, the Chair will schedule the dissertation defense, which will be open to all faculty members, graduate students, and guests. All members of the Dissertation committee must attend the dissertation defense.
- I. All members of the Dissertation Committee and the Ph.D. Director must approve the dissertation.

12. PERFORMANCE STANDARDS

- A. Grades of D and F will count toward the overall grade point average but will not be considered successful fulfillment of a course appropriate to a field. Another course, as determined by the Supervisory Committee, will have to be taken if a student receives a grade other than A, B, C, or P. Any student who receives three grades of "C" or lower in any courses taken will not be permitted to continue in the program.
- B. A student's academic performance will be reviewed periodically by his/her Supervisory Committee in coordination with the Ph.D. Director. To remain in good standing, students must maintain a minimum cumulative 3.25 GPA in all UTA coursework taken after admission to the program and in all courses on their Program of Study. Students whose GPA falls below a 3.25 overall or 3.00 in their major, research, or minor area will be placed on academic probation. Students who do not meet the terms of the academic probation will be dropped from the program (see the Graduate Catalog).

13. RESIDENCE REQUIREMENTS

Each student enrolled in the doctoral program must enroll for and successfully complete a minimum of 15 hours in one 12-month period prior to completion of the comprehensive examinations. Each student must enroll for at least

12 hours every year. All students enrolled in the program must successfully complete all coursework and comprehensive examinations within a maximum of 60 months from initial enrollment in the program. A minimum of 24 graduate hours in residence, excluding dissertation, are required for all candidates.

14. COURSE APPLICABILITY TOWARDS MASTER'S DEGREE

Up to 21 hours (7 courses) of graduate coursework taken in the Ph.D. program may be applied towards a master's degree. (Courses already used to earn a degree cannot be utilized.) No more than two courses in the major and research fields and three courses in the minor field may be applied for this purpose.

15. PROGRAM GOVERNANCE

The Director of the Doctoral Programs in Business Administration oversees the program. The Director works with the Ph.D. Graduate Studies Committee to manage the program, advise the Graduate Dean and the Dean of the College, and provide recommendations to the college graduate faculty who are responsible for the program.

Ph.D. Graduate Studies Committee

The Ph.D. Graduate Studies Committee is responsible for the implementation of the programs' policies and is comprised of the Major Field Coordinators who are recommended by the Director to the Dean of the college and the Graduate Dean for appointment. The responsibilities of the Ph.D. Graduate Studies Committee are:

(1) Provide oversight of:

- * Recruitment
- * Admissions
- * Course requirements/coursework programs
- * Course additions/deletions
- * Academic performance
- * Written and oral comprehensive examinations
- * The Business Foundation and the Research Core
- * Diagnostic evaluations and annual performance reviews

(2) Review and act on:

- * Student petitions requesting committee changes or major or minor field changes
- * Student petitions for reinstatement following probation suspension
- * Cases of student academic dishonesty
- * Student petitions for other reasons

(3) Perform other duties as directed by the Ph.D. Program Director

16. PROGRAM COMPLIANCE

Failure to comply with the program rules incorporated in the Graduate Catalog, this Information Bulletin, and other documents issued by the Director will result in penalties ranging from disallowing credit for work performed to dismissal of the student from the program. The requirements stated in the Graduate Catalog are minimum standards that are superseded in part by standards stated in this Information Bulletin. Students may request exceptions to published rules by filing a proper petition with the Director.

17. ACADEMIC DISHONESTY

All students are expected to pursue their academic careers with honesty and integrity. Academic dishonesty includes, but is not limited to, cheating on a test or other coursework, plagiarism (offering the work of another as one's own), and unauthorized collaboration with another person. Students found responsible for dishonesty in their academic pursuits are subject to penalties that may range from disciplinary probation to suspension to expulsion from the University.

In accordance with the *Rules and Regulations of the Board of Regents of The University of Texas System* (Part One, Chapter VI), institutional procedures regarding allegations of academic dishonesty are outlined in Part Two, Chapter 2, of the *UTA Handbook of Operating Procedures*. This information may be obtained by accessing the Student Judicial Affairs Web site at www2.uta.edu/discipline or by obtaining a hard copy of *Mav Dates & Data* in the Office of Student Development.

APPENDIX

ADVANCED COURSE REQUIREMENTS

The following pages list the minimum course requirements for major fields (18 hours), minor fields (12 hours), and research fields (15 hours) in the areas of Accounting, Economics, Finance, Information Systems, Management, Management Sciences (including Operations Management and Business Statistics), and Marketing. Major fields require core courses beyond the Business Foundation. Previous equivalent coursework may be applied toward both core and advanced course requirements.

ACCOUNTING

www2.uta.edu/accounting/

MAJOR FIELD

Core Courses

Coursework equivalent to an M.S. in Accounting or an M.S. in Taxation at The University of Texas at Arlington (some course substitutions are allowed).

Advanced Courses

Three courses (9 units) required:

ACCT 6309	Seminar in Accounting Research I
ACCT 6310	Seminar in Accounting Research II
ACCT 6311	Seminar in Accounting Research III

MINOR FIELD

A minimum of 12 hours in 5000- or 6000-level accounting courses. The student and the Major Field Coordinator, with the approval of the student's Supervisory Committee, will create a schedule of courses tailored to the student's interests and needs.

Ph.D. in Accounting

Program Description

The Ph.D. in Business Administration degree with a primary field in accounting is designed for students pursuing careers as college or university professors or careers in business or government that require an understanding of accounting and related research matters. The program is balanced in its focus on knowledge of technical accounting matters, research tools, and methodologies. Student competence is emphasized.

ECONOMICS

economics.uta.edu

MAJOR FIELD

ECON 5301	Mathematics for Economists
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ECON 5310	Microeconomic Theory
ECON 5312	Macroeconomic Theory
ECON 5336	Econometrics
ECON 6310	Applied Microeconomics
ECON 6312	Applied Macroeconomics
ECON 53xx	Elective
ECON 63xx	Elective

MINOR FIELD

A student who chooses a minor field in economics must be prepared for examinations in microeconomic theory, macroeconomic theory, econometrics, and one other area.

Recommended Courses:

ECON 5310	Microeconomic Theory
ECON 5312	Macroeconomic Theory
ECON 5329	Research Methods
ECON 5336	Econometrics (Same as BSAD 6317)
ECON 53xx	Elective
ECON 53xx	Elective

Ph.D. in Economics

Program Description

The Ph.D. in Business Administration with a concentration in Economics is oriented toward applied economic analysis appropriate for positions in academics, business, or government. The department's strengths in econometrics, international economics, and business economics facilitate the development of strong research and analytical skills.

Note: The Department of Economics is not currently accepting students into the major field of Economics.

FINANCE

www2.uta.edu/finance

MAJOR FIELD

Six courses (18 units) required at 6000 level:

FINA 6301	Seminar in the Theory of Finance
FINA 6311	Seminar in Theory of Corporate Finance
FINA 6312	Seminar in Theory of Investments
FINA 6314	Advanced Research in Finance
FINA 6390	International Finance
FINA 6390	Math Finance

MINOR FIELD*

Four courses (12 units) required:

FINA 6301	Seminar in the Theory of Finance
FINA 53xx	Elective
FINA 53xx	Elective
FINA 53xx	Elective

*Course selection is dependent on student background, interest, and needs.

*See the Major Field Coordinator concerning coursework for a minor in Real Estate.

Ph.D. in Finance

Program Description

The Ph.D. in Finance is a research-oriented degree designed to prepare graduates for careers in academia or in the financial world. The program is broad-based, with all Finance majors having a research field and a minor field. The minor field is typically Economics, but students may select from a diverse group of minor fields. Minor fields must be approved by the field coordinator.

Graduates are qualified for tenure-track Assistant Professor positions at research universities and at teaching colleges. The program includes in-depth training in both theoretical and empirical/statistical aspects in the field of finance together with training in classroom performance.

The strong analytical approach of the curriculum also provides expertise for graduates to enter the financial world. Numerous opportunities exist for positions in the securities industry, investment banking, and other financial services arenas locally, regionally, and on Wall Street.

INFORMATION SYSTEMS

www.uta.edu/infosys

FOUNDATION

INSY 5335	Applied Database Management
INSY 5341	Analysis and Design
INSY 5343	Computer Communications and Networking
INSY 5375	Management of Information Systems

MAJOR FIELD

Six courses (18 units) required at 6000 level:

INSY 6301	Seminar in IS Research Foundations
INSY 6306	Seminar in Information Technologies
INSY 6307	Seminar in IS Management
INSY 6392	Selected Topics in Information Systems
INSY 6392	Selected Topics in Information Systems
INSY 6392	Selected Topics in Information Systems

MINOR FIELD

Four courses (12 units) required:

INSY 5335	Applied Database Management
INSY 5341	Analysis and Design
INSY 5343	Computer Communications and Networking
INSY 6301	Seminar in IS Research Foundations

Ph.D. in Information Systems

Program Description

The primary objective of the doctoral program in Information Systems is to develop scholars with an ability to teach and conduct independent research. Students who do not have a background in IS are required to take the foundation courses. The major field coursework, comprising three seminars and three special topics courses, provides an in-depth understanding of current research issues in IS. The student also selects a minor field to support his/her dissertation research. Typical minor field areas are Management, Operations Management, Computer Science, Psychology, and Economics.

The IS doctoral program is a research-focused program. While formal dissertation research starts after successful completion of coursework, students are encouraged to collaborate with faculty on research projects early in the program. This prepares our graduates for a successful career in higher education and research.

MANAGEMENT

www.management.uta.edu

MAJOR FIELD

Core Courses

MANA 5320	Organizational Behavior
MANA 5321	Strategy and Organizations
MANA 5340	Strategic Human Resource Management
MANA 5336	Strategic Management

Advanced Courses

Six courses (18 units) at 6000 level:

MANA 6318	Seminar in Organizational Theory
MANA 6328	Seminar in Strategic Management
MANA 6338	Seminar in Organizational Behavior
MANA 6348	Seminar in Human Resource Management

MANA 6282, MANA 6382, and MANA 6392
which must involve completion of an independent project

MINOR FIELD

Two courses (6 hours) from the following:

MANA 5320	Organizational Behavior
MANA 5321	Strategy and Organizations
MANA 5340	Strategic Human Resource Management
MANA 5336	Strategic Management

Two of the following courses that correspond to the two selected above:

MANA 6318	Seminar in Organization Theory
MANA 6328	Seminar in Business Policy
MANA 6338	Seminar in Organizational Behavior
MANA 6348	Seminar in Human Resource Management

Ph.D. in Management Program Description

Ph.D. graduates from the Management Department should be talented, productive, and enthusiastic organizational scholars. They should be able to critically evaluate existing research while creating, translating, and disseminating original research and knowledge to their students, the field, and their communities. Therefore, students whose major field is Management are always receiving research-oriented training with an emphasis on productive, original scholarship.

We believe that the Ph.D. program should also prepare students to excel in teaching. Although students will probably not be classroom instructors until after their first year of studies, we emphasize the need to develop a strong competence in instructional delivery.

MANAGEMENT SCIENCES

www.uta.edu/infosys

MAJOR FIELD (Operations Management)

Core Courses

OPMA 5321	Introduction to Management Sciences
OPMA 5361	Operations Management

OPMA 5363	Operations Planning and Control
OPMA 5364	Project Management
OPMA 5367	Quality Management
OPMA 5368	Global Supply Chain Management
OPMA 5369	Logistics Management

Advanced Courses

OPMA 6370	Seminar in Operations Management Research
OPMA 6371	Integrated Operations Strategy and Research
OPMA 6380	Research in Operations Management

MAJOR FIELD (Business Statistics)

BSAD 6315	Time Series
BSAD 6317	Econometrics
MASI 5330	Nonparametric Statistics
MARK6305	Marketing Models I
MARK6327	Advanced Marketing Research Methods
OPMA 6370	Seminar in Operations Management
OPMA 6371	Integrated Operations Strategy and Research
OPMA 6380	Research in Operations Management

(Other approved courses from MATH or other departments)

MINOR FIELD (Operations Management)

Select four:

OPMA 5321	Introduction to Management Sciences
OPMA 5361	Operations Management
OPMA 5363	Operations Planning and Control
OPMA 5364	Project Management
OPMA 5367	Quality Management
OPMA 5368	Global Supply Chain Management
OPMA 5369	Logistics Management

Ph.D. in Management Sciences

Program Description

The doctoral program in Management Sciences allows students to choose a major field of study in either Operations Management or Business Statistics. A minor field is also selected, as a secondary area of specialization. The primary purpose of the Ph.D. program is to develop scholars with the skills and abilities to conduct independent research and teach. Although the large majority of Ph.D. graduates move on to successful research and teaching careers at other universities, some graduates choose careers in industry. While it is preferred that students attend full-time, to better focus on their research, part-time students are also admitted into the Ph.D. program.

MARKETING

www2.uta.edu/marketing/

MAJOR FIELD

Core Courses

MARK 5320	Buyer Behavior
MARK 5328	Product Management

One course (3 units) from the following:

MARK 5326	Advertising and Non-personal Communication
MARK 5330	Service Marketing Management

Advanced Courses

Six courses (18 units) at 6000 level:

MARK 6302	Consumer Behavior I
MARK 6303	Consumer Behavior II
MARK 6305	Marketing Models I
MARK 6310	Marketing Strategy and Management I
MARK 6311	Marketing Strategy and Management II
MARK 6327	Advanced Marketing Research Methods
MARK 6331	Advanced Global Marketing Theory
MARK 6390	Topics in Marketing
MARK 6392	Independent Study in Marketing (areas of interest)

MINOR FIELD

Four courses (12 units) required:

MARK 5336	Advanced Research Analysis
MARK 6302	Consumer Behavior I
MARK 6310	Marketing Strategy and Management I
MARK 63XX	Elective

Ph.D. in Marketing Program Description

The Ph.D. degree in Business Administration with a primary field in marketing is designed for students pursuing careers as college or university professors, or careers in businesses which require an understanding of marketing and research related matters. The Ph.D. is a research degree and the marketing program is balanced in its focus on marketing knowledge, research tools, and methodologies. An important goal of those who receive a Ph.D. from the Marketing Department is to add to the knowledge of the marketing discipline by conducting primary research and disseminating knowledge to their students as well as the business community.

RESEARCH FIELD

www.uta.edu/gradbiz/NewPhD/index.htm

Core Courses

The research field in the Ph.D. Program requires the completion of a five-course sequence. There are eight core courses from which students may draw their five courses, and each program has the option of recommending additional courses for this field.

BSAD 6310	Foundations of Scientific Inquiry
BSAD 6311	Experimental Design
BSAD 6312	Regression
BSAD 6313	Analysis of Variance
BSAD 6314	Multivariate Statistics
BSAD 6315	Time Series (cross listed as ECON 5338)
BSAD 6316	Financial Econometrics
BSAD 6317	Econometrics (cross listed as ECON 5336)

Ph.D. Research Core

The Ph.D. in Business Administration is a research-based degree requiring rigorous preparation in research methods. The College faculty has designed and approved a set of eight core research courses for use by all seven tracks in the Ph.D. program.

