

Doctoral Program in Business

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Program Objectives

The Doctor of Philosophy in Business program is designed to add to the theoretical knowledge base and other skills acquired at the master's level and to develop outstanding scholars in their respective fields of study.

The specific objectives of the program are:

1. To provide the students with advanced theoretical, analytical and research training in their given fields of study. At the onset, training leading to the doctor of philosophy degree will be provided in the areas of accounting, economics and management;
2. To expose the students to the classical as well as the most current methodologies in their fields;
3. To develop academic scholars who will use their knowledge and skills to investigate issues and problems facing their communities and to develop appropriate solutions to those problems; and
4. To prepare students for careers in university teaching and research.

Admissions

Jackson State University offers admission to the doctoral program in the College of Business to students who have the potential to become excellent teachers and researchers, and who will provide service to the business community and the general population. The criteria for admission are:

- ◆ Master's degree from an accredited college or university;
- ◆ Satisfactory Graduate Management Admission Test (GMAT) score(s). Only scores on tests taken within the last five (5) years will be accepted. Scores should be sent directly from the Educational Testing Service (ETS);
- ◆ Satisfactory TOEFL score (international students only);
- ◆ Three (3) completed recommendation forms;
- ◆ Satisfactory previous academic record. Please submit an official transcript from every college and university attended;
- ◆ Statement of career plan and objective.

Admission to the doctoral program in the College of Business is during the fall semester only. The deadline for submitting the application package is March 15 of each academic year. Applicants will receive a written admission decision by April 15. Completed admission applications, transcripts, letters of

recommendation, financial aid forms, statement of purpose, and other requested information should be submitted to:

Director of Doctoral Program
College of Business
Jackson State University
P.O. Box 17760
Jackson, MS 39217

Transfer of Credit

Graduate courses taken at another institution accredited by the American Assembly of Collegiate Schools of Business (AACSB) may be accepted toward satisfying degree requirements at Jackson State University provided a grade of at least "B" was earned in the course. All transfer courses must be evaluated by the Department Chair of the respective major, the Director of the Doctoral Program, and the Dean of the College of Business during the initial semester of enrollment.

Advising

Each doctoral student in the College of Business will be assigned an academic advisor by the chair of the student's major during the first semester of enrollment. The advisor will provide guidance to the student in course selection and other academic matters pertaining to the program of study. After satisfactory completion of the required coursework, the comprehensive examinations, and the selection of the Dissertation Committee, the chair of the Dissertation Committee will serve as the student's primary academic advisor.

Areas of Concentration

The Doctor of Philosophy in Business will be offered in three areas: Accounting, Economics and Management.

Residence Requirement

The doctoral degree in business is a full-time day program. Students entering the program should be able to meet all requirements for the Ph. D. degree within a four-year period. Therefore, students should take an average of nine (9) credit hours per semester during the four-year period.

Time Limit for Degree

A student has seven (7) years from the initial semester of enrollment to complete all requirements for the Ph.D. degree. Failure to satisfy all requirements during this time period may result in academic suspension. A suspended student may file an appeal for readmission to the Dean of the College of Business within one semester from the suspension decision. The appeal may be granted only under well-documented and extenuating circumstances.

Graduation Requirements

To graduate with a Ph.D. degree in the College of Business, the student must satisfy all requirements listed below:

1. A grade point average of at least 3.0 in all courses taken at the doctoral level at Jackson State;
2. A passing score on all written and oral comprehensive examinations;

3. Successful completion and defense of a dissertation approved by the Dissertation Committee; and
4. Submission of three (3) copies of the final draft of the dissertation to the Office of the Doctoral Program Director.

Language Requirement

Jackson State University does not require doctoral students of the College of Business to satisfy a language requirement. Students are strongly encouraged to acquire a level of proficiency in a foreign language. Also, students are expected to have a level of proficiency with the use of computers.

Academic Responsibility of the Student

Students are required to observe all university guidelines and regulations contained in the University Graduate Catalog. Those regulations apply to the doctoral program and all doctoral students. The academic record of each student enrolled in the doctoral program will be reviewed at the end of each semester by the Department Chair and the Director of the Doctoral Program. Students must maintain a cumulative 3.0 average to remain in the program in good standing. Students with a cumulative grade point average below 3.0 will be given two semesters to remove the deficiencies. Failure to do so may result in dismissal from the program. No doctoral level course with a grade less than “B” will be accepted toward satisfying the requirements for graduation.

Program Requirements

The curriculum leading to a Ph.D. in Business is developed under the assumption that the typical student has already completed a master’s degree in business administration or a related field. Typically, a doctoral student, who has satisfied the necessary prerequisites (undergraduate prerequisites and the graduate business core), will complete twelve (12) credit hours of a research core, eighteen (18) to twenty-four (24) credit hours of coursework in the major field, six (6) to nine (9) credit hours in a supporting field, and twenty-one (21) hours of dissertation research to meet the requirements for the Ph.D. degree in Business.

Following admission into the doctoral program, all students must complete four phases of study which include:

- ◆ Phase I: Development and approval of an individual program of study with the assistance of the faculty advisor and completion and/or satisfaction of the graduate business core and all curriculum;
- ◆ Phase II: Doctoral level coursework;
- ◆ Phase III: Satisfactory completion of relevant field examinations;
- ◆ Phase IV: Satisfactory completion of the dissertation process

Phase I: The Plan of Study and the Graduate Business Core.

Each student will be assigned a faculty advisor when admitted to the doctoral program. The faculty advisor will assist the student in the development of a plan of study to be followed throughout the completion of the program. The plan of study, co-signed by the student, the faculty advisor, the department

chair and the director of the doctoral program, will be part of the student’s permanent record.

Graduate Business Core

Prior to engaging in the pursuit and completion of the actual doctoral curriculum, the student must show evidence of having satisfactorily completed the graduate business core composed of 27 hours of coursework in accounting, economics, finance, management, and marketing. Satisfactory completion requires that the student earns at least a “B” in every course included in the core. The majority of those courses are usually included in a typical MBA curriculum.

To the extent that some of those courses were not completed prior to admission, the student will be advised to complete the coursework before matriculating in the doctoral curriculum.

The following courses constitute the graduate business core:

Course	Title	Semester Hours
ACC 540	Advanced Managerial Accounting	3
ACC 545	Financial Statement Analysis	3
ECO 511	Macroeconomic Theory	3
ECO 512	Microeconomic Theory	3
FNGB 515	Managerial Finance	3
MNGT 516	Statistics for Business Decisions	3
MNGT 560	Business Policy	3
MKT 530	Managerial Marketing	3
MNGT 520	Advanced Production Management	3

Phase II: Doctoral Coursework Requirements.

Phase II constitutes the actual doctoral level coursework. It consists of forty-two (42) credit hours of coursework organized under four basic categories: the research core, a course in teaching methodologies, the courses in the major concentration, and the courses in a supporting field:

1. The “research core” contains 12 credit hours of courses in statistics and research methodologies;
2. A course (three credit hours) in teaching methodologies;
3. The “major concentration” component contains 18 to 24 credit hours in the student field of interest. As part of the 18 to 24 credit hours in the field of specialization, the student will complete at least six hours of seminar-type courses aimed at exploring and analyzing the classical and current theoretical and empirical issues in the field; and
4. The “supporting field” component contains six (6) to nine (9) credit hours in the student’s minor field.

Research Core

All students, except those majoring in Economics, must satisfactorily complete the following 12 hours, that constitute the research core:

Course	Title	Semester Hours
MNGT 710	Advanced Statistical Methods I	3
MNGT 711	Advanced Statistical Methods II	3

MNGT 712	Applied Multivariate Analysis	3
MNGT 714	Research Methods	3

Students majoring in Economics will complete two courses in Econometrics in lieu of MNGT 711 and MNGT 712. For those students, the research core will include the following:

Semester	Course Title	Hours
MNGT 710	Advanced Statistical Methods I	3
ECO 760	Econometrics	3
ECO 762	Advanced Econometrics	3
MNGT 714	Research Methods	3

Teaching Methodology Requirement

As teaching remains an important component of the school's and the university's mission, and a specific goal of the program is the development of outstanding scholars with the potential to become college professors, all doctoral students will be required to complete a course in teaching methodologies and will be assigned at some point some degree of classroom instruction.

Course	Course Title	Semester Hours
BEAS 790	Teaching Methods in Business	3

Courses in Major Field: Accounting

The 21 semester hours of accounting courses listed below are required of all accounting majors. The 500-level accounting courses may be transferred into the program if there is evidence they or their equivalents have been completed satisfactorily. The 700-level courses may not be transferred into the Ph.D. program.

The specific courses assigned to an individual student will be determined by the student's faculty advisor at the beginning of the first semester of enrollment. Students will be awarded the Ph.D. degree after successful completion of the doctoral curriculum and all other university requirements. Additionally, students with a non-business-related master's degree must follow the special note for applicants without an MBA.

Course	Title	Semester Hours
ACC 536	Advanced Accounting Problems	3
ACC 541	Advanced Accounting Theory	3
ACC 565	Seminar in Governmental and Nonprofit Accounting	3
ACC 575	Research in Taxation	3
ACC 790	Seminar in Accounting Education and Regulation	3
ACC 791	Seminar in Accounting Research Methodology I	3
ACC 792	Seminar in Accounting Research Methodology II	3

Dissertation Requirement

ACC-799	Ph.D. Dissertation Research in Accounting	3
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(Course may be repeated; a minimum of 21 credit hours is required)

Note-The following courses are considered prerequisites for Ph.D. level accounting courses. Most must be completed prior to enrollment in 500-level graduate courses and all must be completed prior to enrollment in 700-level Ph.D. seminar courses. Consult your faculty advisor for additional details.

Course	Title
ACC 314	Intermediate Accounting I
ACC 315	Intermediate Accounting II
ACC 423	Income Tax Accounting
ACC 455	Auditing
ACC 457/557	Advanced Auditing
ACC 473/573	Advanced Income tax Accounting
ACC 492/592	Accounting Information Systems

Courses in Major Field: Management

The courses listed below are required of all management majors. Students with a master's degree in a business-related area, but not an MBA degree, must successfully complete the graduate business core or its equivalent before starting the doctoral curriculum. The number and name of the courses to be completed will be determined by the student's faculty advisor during the first semester of enrollment. Students will be awarded the Ph.D. degree after successful completion of the doctoral curriculum and all other University requirements. Additionally, students with a non-business-related master's degree must follow the special note for applicants without an MBA.

Course	Course Title	Semester Hours
MNGT 721	Advanced Organizational Behavior	3
MNGT 722	Seminar in Decision Support Systems	3
MNGT 723	Seminar in Strategic Management	3
MNGT 724	Advanced International Management Strategy	3
MNGT 725	Seminar in Organizational Change	3
MNGT 726	Seminar in Organizational Strategy and Decision Making	3
MNGT 727	Seminar in Special Topics	3

Dissertation Requirement

MNGT 799	Ph.D. Dissertation Research in Management	3
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(Course may be repeated; a minimum of 21 credit hours is required)

Note- The following courses are considered prerequisites for Ph.D. level management courses. Most must be completed prior to enrollment in 500-level graduate courses and all must be completed prior to enrollment in 700-level Ph.D. courses. Consult your faculty advisor for additional details.

Course	Course Title
MNGT 330	Management to Organizations
MNGT 333	Quantitative Business Analysis
MNGT 416	Organizational Behavior
MNGT 460	Management Information Systems
MNGT 462	International Business

Courses in Major Field: Economics

The courses listed below are required of all economics majors. Students with a master’s degree in a business-related subject, but not an MBA degree, must successfully complete the graduate business core or its equivalent before starting the doctoral curriculum. The number and name of the courses to be completed will be determined by the student’s advisor during the first semester of enrollment. Students will be awarded the Ph.D. degree after successful completion of the doctoral curriculum and all other University requirements. Additionally, students with a non-business-related master’s degree must follow the special note for applicants without an MBA.

Course	Course Title	Semester Hours
ECO 711	Advanced Macroeconomic Theory	3
ECO 712	Advanced Microeconomic Theory	3
ECO 716	History of Economic Thought	3
ECO 730	Managerial Economics	3
ECO 746	Seminar in International Trade and Finance	3
ECO 725	Methods of Urban and Regional Analysis and Planning	3
ECO 735	Seminar in Economics of Housing and Urban Transportation	3
ECO 713	Monetary and Fiscal Policy Analysis	3

Dissertation Requirement

ECO 799	Ph.D. Dissertation Research in Economics	3
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(Course may be repeated; a minimum of 21 credit hours is required)

Note--The following courses are considered prerequisites for Ph.D. level economics courses. Most must be completed prior to enrollment in 500-level graduate courses and all must be completed prior to enrollment in 700-level courses. Consult your faculty advisor for additional details.

Course Number	Course Title
ECO 211	Principles of Macroeconomics
ECO 212	Principles of Microeconomics
ECO 311	Intermediate Macroeconomics
ECO 312	Intermediate Microeconomics
ECO 357	Business Statistics I
ECO 358	Business Statistics II
ECO 442	Money and Banking
ECO 416	History of Economic Thought

Supporting Field Requirement

All students are required to select a supporting area, preferably in the School of Business, and complete six (6) to nine (9) “doctoral-level” credit hours in that area. The selection and the design of the supporting curriculum must be done in consultation with the faculty advisor, as part of the development of the student’s comprehensive plan of study.

A Special Note to Applicants Without an MBA

Doctoral applicants with a master’s degree other than the MBA must complete the graduate business core courses listed earlier and earn an average grade of at least “B”. Students whose master’s degree and undergraduate degree are in a non-business related area must satisfy a list of undergraduate prerequisites following consultation with the academic advisor. A grade of at least “B” must be earned in those undergraduate prerequisites to meet the admission requirements of the program. Students with an undergraduate degree in business but with a non-business related graduate degree will be required to complete the graduate business core and show evidence of having satisfied the undergraduate prerequisites.

Suggested Undergraduate Prerequisites

Course Title	Hours
Principles of Financial Accounting	3
Principles of Macroeconomics	3
Principles of Microeconomics	3
Business Finance	3
Management to Organizations	3
Business Statistics I	3
Business Statistics II	3
Marketing Management	3
Business Calculus	3

After satisfactorily completing all prerequisite requirements and the graduate business core, students without the MBA will follow the actual doctoral program of study.

Suggested Curriculum Sequence

Major Concentration: Accounting

Course	Title	Semester	Hours
First Year			
ACC XXX	Accounting or Bus. Elective	Fall	3
ACC XXX	Accounting or Bus. Elective	Fall	3
MNGT 710	Advanced Statistical Methods. I	Fall	3
ACC 583	International Accounting	Spring	3
MNGT 711	Advanced Statistical Methods. II	Spring	3
Elective	Supporting Field Elective	Spring	3
BEAS 790	Teaching Methods in Business	Spring	3
Second Year			
ACC 790	Seminar in Accounting Education	Fall	3
ACC 791	Seminar in Accounting Research	Fall	3
MNGT 712	Applied Multivariate Analysis	Fall	3
ACC 792	Seminar in Accounting Research Methods II	Spring	3
Elective	Supporting Field Elective	Spring	3
MNGT 714	Research Methods	Spring	3

After satisfactory completion of the aforementioned coursework and the required doctoral comprehensive examinations, the student is required to complete twenty-one (21) hours of dissertation research (ACC-799).

Major Concentration: Management

Course	Title	Semester	Hours
First Year			
MNGT 721	Advanced Organizational Behavior	Fall	3
MNGT 722	Seminar in Decision Support Systems	Fall	3
MNGT 710	Advanced Statistical Methods I	Fall	3
MNGT 711	Advanced Statistical Methods II	Spring	3
MNGT 723	Seminar in Strategic Management	Spring	3
MNGT 724	Advanced International Management	Spring	3
BEAS 790	Teaching Methods in Business	Spring	3

Second Year

MNGT 712	Applied Multivariate Analysis	Fall	3
MNGT 725	Seminar in Organizational Change	Fall	3
Elective	Supporting Field Elective	Fall	3
MNGT 726	Seminar in Organizational Strategy and Decision Making	Spring	3
Elective	Supporting Field Service	Spring	3
MNGT 714	Research Methods	Spring	3
MNGT 727	Seminar in Special Topics	Spring	3

After satisfactory completion of the aforementioned coursework and the required doctoral comprehensive examinations, the student is required to complete twenty-one (21) hours of dissertation research (MNGT-799).

Major Concentration: Economics

Course	Title	Semester	Hours
First Year			
ECO 716	History of Economic Thought	Fall	3
ECO 712	Advanced Microeconomic Theory	Fall	3
MNGT 710	Advanced Statistical Methods I	Fall	3
	Minor Elective	Fall	3
ECO 760	Econometrics	Spring	3
ECO 711	Advanced Macroeconomic Theory	Spring	3
BEAS 790	Teaching Methods in Business	Spring	3
Elective	Supporting Field Elective	Spring	3

Second Year

ECO 762	Advanced Econometrics	Fall	3
ECO 725	Methods of Urban and Regional Analysis and Planning	Fall	3
ECO 730	Managerial Economics	Fall	3
Elective	Supporting Field Elective	Fall	3
ECO 735	Seminar in Economics of Housing & Urban Transp	Spring	3
ECO-746	Seminar in International Trade and Finance	Spring	3
MNGT-714	Research Methods	Spring	3
ECO 713	Advanced Monetary and Fiscal Analysis	Spring	3

After satisfactory completion of the aforementioned coursework and the required doctoral comprehensive examinations, the student is required to complete twenty-one (21) hours of dissertation research (ECO-799).

Phase III: Comprehensive Examinations

Each doctoral student is required to take written comprehensive examinations in the major field. The exams will be given to test the student's competency in the field of interest. A student who wishes to sit for the comprehensive examinations must complete the necessary application by the application deadline with the office of the program director. The application must be submitted to the Graduate Dean for approval. Once the application is approved, the student is expected to report on the date of the examination. A student who wishes to withdraw from the examination must submit a formal petition of withdrawal one week prior to the first exam day. Failure to report for the examinations, or any part thereof, without a documented excuse, will constitute a forfeit of the examination and will result in a failing grade.

Student Eligibility

A student must be enrolled, and in good standing, at the time of application for the examinations, and during the semester in which the exams are taken. The examinations will be given after the student completes all coursework in the major. Specifically, to be eligible for the examinations, a student must earn a cumulative grade point average of 3.0 on a four-point scale, and must earn at least a "B" in every doctoral course completed. In addition, students with outstanding incomplete ("I") grades will not be eligible to take the examinations.

Schedule of the Examinations and Role of the Faculty

The examinations will be scheduled in the fall, spring semester, and in the summer (if departmental resources permit). The specific examination dates will be published by the office of the director of the Ph.D. program in Business. The exams will be prepared, administered, and graded by members of the graduate faculty from the student's major. The examinations will be graded using the pass-fail method. Students will be notified of the results, in writing, within three weeks of the last examination day.

Student's Right to Repeat the Examinations

In case of failure, a student is given one additional opportunity to sit for the examinations. The second attempt

must take place within a year of the first examination. Students who do not attempt to repeat the examinations, or any failed part, within one year will forfeit their opportunity. Students who fail the comprehensive examination, or any portion thereof, two times normally will be dismissed from the program.

Student's Right to Petition for a Third Examination

After two failures of the entire examination, or any part thereof, a student may petition in writing for a third attempt. The third attempt will be extended at the discretion of the graduate faculty of the student's area of specialization and the Dean of the College of Business. That is, the appeal must be first approved by the exam committee of the student's department. Following the approval of the departmental committee, an appeal will be presented to the dean on behalf of the student. If granted an approval, the student will be extended the privilege of a third examination. Students failing the comprehensive examinations, or any portion thereof, three times will be dismissed from the program.

Candidacy Status

Students will be certified by the Dean of the College of Business for admission to candidacy for the Ph. D. degree upon the recommendation of the Director of the Doctoral Program after satisfactory completion of the following:

1. All course requirements in major and supporting areas;
2. Earning a passing score on written and oral examinations;
3. Approval of a dissertation proposal by the Dissertation Committee.

Phase IV: The Dissertation Process

An important requirement of the Ph.D. degree is the successful completion of the doctoral dissertation. The dissertation research component requires the completion of 21 credit hours aimed at implementing the skills and knowledge base acquired during the completion of the research core and the courses in the field of specialization. The dissertation, must be a definite scholarly contribution related to the field of business, and must demonstrate the candidate's ability to conduct effective independent research. Students are expected to demonstrate extensive skills in model building, collecting and analyzing data, and developing a quality manuscript as required for the degree. The number of dissertation hours taken each semester is determined by the student in consultation with the dissertation advisor. After successful defense of the dissertation, a final grade will be assigned for the dissertation hours.

The dissertation process includes the following steps:

1. Selection of a dissertation topic;
2. Selection of a dissertation committee;
3. Development and defense of the dissertation proposal;
4. Certification of the proposal; and
5. Development and defense of the completed dissertation.

After completion of steps 1, 2 and 3 above, a student is eligible for admission to candidacy.

Dissertation Committee

After satisfactory completion of the comprehensive examinations, the doctoral student must immediately initiate the process of forming a dissertation committee to advise him/her during the process of conducting the dissertation research and developing the dissertation manuscript. The student is advised to select a faculty member from his/her area of concentration to serve as mentor or chair of the committee. With the assistance of the committee chair and in coordination with the department chair, the committee will be formed. The committee should be in place within sixty (60) days of the announcement of the results of the comprehensive examinations.

The Committee shall consist of five members:

- ◆ Three members from the student's department, one of which will serve as committee chair,
- ◆ One member with a proven quantitative background,
- ◆ One at-large member to be selected by the student in consultation with the chair of the committee.

The primary role of the committee is to advise the student through the dissertation process and to evaluate the proposal and the actual dissertation for quality assurance. Upon satisfactory completion of the dissertation requirement, the committee chair will assign the final grades for the dissertation credit hours.

Note: All faculty members with membership on the Graduate Faculty are eligible to serve on dissertation committees. The names of those individuals are usually listed in the university's graduate catalogue.

Development and Defense of the Dissertation Proposal

After completion of the required coursework in the major and supporting areas, the student must select a dissertation topic and develop a dissertation proposal with the assistance of the Dissertation Committee. The proposal must be presented to the Dissertation Committee and defended through an oral examination, open to the faculty and to other graduate students. The student must successfully defend the dissertation proposal within one year after completing the comprehensive examinations.

Certification of the Dissertation Proposal

Following a successful defense of the dissertation proposal, doctoral degree candidates must submit, within sixty (60) days, a corrected copy of the proposal to the Dissertation Committee for final approval of the project. The proposal will be submitted to the department chair, the director of the doctoral program, and the Dean. The proposal also must be approved by the University's Institutional Review Board (IRB) whenever human subjects are proposed to be used in the dissertation research.

Defense of the Completed Dissertation

Each student is required to take an oral defense of the completed dissertation. The examination is administered by the Dissertation Committee led by the student's dissertation advisor. The dissertation defense must be held by the first Monday in March for prospective May graduates and by the

first Monday in June for prospective summer graduates. The examination will be graded using the pass-fail method.

A candidate who fails the oral defense of the dissertation will be given an opportunity to make the necessary corrections and reschedule the defense during the next academic semester. Candidates who fail the dissertation defense two times normally will be dismissed from the program. After two failures, a candidate may petition in writing for a third attempt. The third attempt will be at the discretion of the graduate faculty of the student's area of specialization. Candidates failing the defense of the dissertation three times will be dismissed from the program.

Awarding a Masters' Degree (MBA or MPA) to Doctoral Candidates

Periodically, the program admits students with a masters' degree outside of the field of business. Those students, upon matriculation, must complete the graduate business core requirements before enrolling in the typical doctoral curriculum. An option is hereby extended to those students to apply for an MBA following the completion of an additional six credit hours beyond the graduate business core (24 credit hours). The transcripts of the students must be evaluated by the MBA advisor to ensure completion of the typical MBA requirements. During the semester of application for the MBA degree, the student must enroll as a Master student to be processed for the MBA degree. Following completion and award of the MBA, the student will be permitted to re-enlist in the doctoral program to complete the requirements for the Ph.D. degree. Doctoral students who wish to apply for an MPA must satisfy the MPA core in addition to the graduate business core.

Second Doctoral Concentration

Students may exercise the option of pursuing a second concentration after completion of the original plan of study. A student who wishes to pursue a second concentration must satisfy the following:

- ◆ Submit an application for admissions to the Division of Graduate Studies and Business Doctoral Program for the second concentration;
- ◆ Submit three letters of recommendation from program professors to the Business Doctoral Program;
- ◆ Submit a personal statement explaining the added value of the second concentration to his/her professional and intellectual development.

If admitted, the student shall be permitted to transfer all relevant courses completed during the first concentration. Additionally, the student must successfully:

- ◆ Complete the research core requirements for the second concentration, if applicable;
- ◆ Complete all relevant departmental coursework in the second concentration;
- ◆ Complete the comprehensive examinations and the dissertation requirement of the second concentration (21 hours).

DESCRIPTION OF COURSES

Research Core

Prerequisites: Students must show evidence of having satisfactorily completed a course in Calculus and Matrix Algebra prior to starting Statistics courses in the Research Core.

MNGT 710 Advanced Statistical Methods I. (3 hours)

Prerequisite: MNGT 516 or equivalent. This course offers a thorough coverage of univariate statistical inference. Topics include simple regression, analysis of variance, multiple regression and correlation, and moving average time-series models.

MNGT 711 Advanced Statistical Methods II. (3 hours)

Prerequisite: MNGT 710 or equivalent. This course offers a continuation of MNGT-710. Topics to be covered include concepts and techniques of non-parametric statistics, advanced topics in regression, time series analysis, autocorrelation, auto-regressive moving average models, identification, fitting and forecasting.

MNGT 712 Applied Multivariate Analysis. (3 hours)

Prerequisite: MNGT 710 or equivalent. This course offers the doctoral students a thorough analysis of the theory and applications of multivariate methods. Topics to be covered include matrix algebra, factor analysis, canonical correlation, discriminant analysis and multivariate analysis of variance.

MNGT 714 Research Methods. (3 hours)

This course focuses on social and behavioral research methods to explore business and organizational problems. The course provides the student with theory, research, and techniques associated with the investigation of specific research problems in functional areas of business.

Management

MNGT 721 Advanced Organizational Behavior. (3 hours)

This course offers alternative theoretical approaches useful for analyzing organizational environment and intra-organizational relations. The course emphasizes understanding of macro-organizational behavior concepts and empirical research related to design, structure, and functioning of organizations.

MNGT 722 Advanced Decision Support Systems. (3 hours)

This course offers an analysis of techniques involved in the development of computer-based systems designed to help managers in decision making and problem solving processes. Topics include assessment of technology available, discussion of the design and implementation of such systems.

MNGT 723 Seminar in Strategic Management. (3 hours)

This course offers special topics dealing with important issues in strategic management. The course emphasizes global and technological perspectives of strategic management issues.

MNGT 724 Advanced International Management. (3 hours)

This course offers an in-depth study of problems of operating across multiple political and cultural boundaries. Topics include theory and practice of the international business, global competition, organizing for global operations, market entry, innovations, and comparative management.

MNGT 725 Seminar in Organizational Change. (3 hours)

This course focuses on the human aspects of problems arising in technical, social, and organizational arenas faced with the need to change. The course includes detailed analyses of

organizations as systems, organizational leadership and change.

MNGT 726 Seminar in Organizational Strategy and Decision Making. (3 hours) This course offers an overview of the theory and research in strategic management with a scholarly research orientation on issues of both strategic content and process. The empirical study of these issues is emphasized.

MNGT 727 Seminar in Special Topics. (3 hours) This course offers discussions of special topics dealing with important issues pertaining to efficient management of organizations. Issues dealing with production and inventory management, and the development of leadership skills are to be addressed. Specific topics are to be selected by the instructor and may vary each semester.

MNGT 799 Ph.D. Dissertation Research in Management. Students will complete doctoral level research which must culminate in the successful development and defense of the dissertation in the field of Management. Students may register for more than one section in a given semester. A minimum of 21 credit hours of Ph.D. Dissertation is required. Prerequisite: Consent of the chair of the Dissertation Committee.

Economics

ECO 700 Environmental Economics. (3 Hours) This course is concerned with a theoretical framework for the analysis of environmental problems, including concepts of market failure and externalities, materials balance and property rights. The policy implications of this analytical model are explored for a range of topics including pollution and the preservation of natural environmental species. It also explores the effects of economic growth on the environment to include the interrelationships between the economics activity and the environment. Cost benefit analysis, and the application of the economic theory of external economies and diseconomies and welfare economics is applied to Problems of the physical and socioeconomic environment.

ECO 711 Advanced Macroeconomic Theory. (3 hours) This course offers an analysis of static and dynamic theories of income, employment, and the price level. Other topics include analysis of real and monetary influences on economic growth, theories of investment and consumption, money demand, and stabilization theory and policy.

ECO 712 Advanced Microeconomic Theory. (3 hours) This course offers an advanced analysis of microeconomic theory. Topics include consumer and producer behavior and determination of market prices, resource markets analysis, analysis of game theory, theories of uncertainty, general equilibrium, and welfare economics.

ECO 713 Advanced Monetary and Fiscal Policy Analysis. (3 hours) This course offers a comprehensive study of various aspects of monetary theory and fiscal economics, as well as the development and implementation of monetary and fiscal policies and their implications for economic growth and stability.

ECO 716 History of Economic Thought. (3 hours) This course offers a review and analysis of major theories and current economic philosophy. Topics of coverage include the study of the contributions of the classical school, the marginalists, the neo-classicists, the institutionalist, the

keynesians, the neo-keynesians, the modern school, and the new classical school.

ECO 725 Methods of Urban and Regional analysis and Planning. (3 hours) This course offers an analysis of the theory of urban and regional development and growth; economic analysis of urban problems and their solutions, analysis of land use, transportation, industrial development and urban planning models.

ECO 730 Managerial Economics. (3 hours) This course offers an analysis of microeconomic theory as it applies to business operations. Topics include demand theory and estimation; production and cost theories and estimations, capital budgeting theory and analysis, pricing policies, and production under uncertainty.

ECO 735 Seminar in Economics of Housing and Urban Transportation. (3 hours) This course offers an analysis of selected problems of contemporary cities in housing, transportation and industrial development. Topics include analysis of costs and benefits of housing programs, distribution and use of transportation facilities and services, and analysis of economic implication of public policy initiatives pertaining to urban transportation.

ECO 746 Seminar in International Trade and Finance. (3 hours) This course offers an analysis of theory and practice of international trade and finance. Topics of discussion include advantages and disadvantages of foreign trade, analysis of effects of tariffs and other restrictions on the flow of trade, and analysis of international commercial and monetary policies between countries.

ECO 760 Econometrics. (3 hours) This course offers exposure to the fundamental elements of economic modeling, construction, estimation and testing. It will cover; simple and multiple regression analysis, use of dummy variables, testing for multicollinearity, autocorrelation, heteroscedasticity, etc... Extensive use of statistical software is required

ECO 762 Advanced Econometrics. (3 hours) This course offers a continuation of Econometrics (ECO 760). Topics of discussion include multicollinearity, autoregressive and distributive lag models, autocorrelation problems and their correction, measurement errors problems, simultaneous equations models, identification problems, etc.. Extensive use of statistical software is required.

ECO 799 Ph.D. Dissertation Research in Economics. Students will complete doctoral level research which must culminate in the successful development and defense of the dissertation in the field of Economics. Students may register for more than one section in a given semester. A minimum of 21 credit hours of Ph.D. Dissertation is required. Prerequisite: Consent of the chair of the Dissertation Committee.

Teaching Methodology Course

BEAS 790 Teaching Methods in Business. (3 hours) This course offers the student an introduction to the principles and philosophy of teaching. Selected topics include concepts and techniques relating to various instructional strategies used by colleges and university teachers, and the development of media-based courses for web courses and distance learning instruction.

Accounting

ACC 790 Seminar in Accounting Education. (3 hours)
This course introduces the students to contemporary issues in accounting education and accounting education research.

ACC 791 Seminar in Accounting Research Methodology I.
(3 hours) This course offers a study of the application of contemporary research methodology to selected subject areas in accounting including financial accounting and managerial accounting.

ACC 792 Seminar in Accounting Research Methodology II. (3 hours) This course offers a continuation of ACC 791 with a focus of the application of contemporary research methodology to auditing and other accounting areas not covered in ACC-791.

ACC 799 Ph.D. Dissertation Research in Accounting.
Students will complete doctoral level research which must culminate in the successful development and defense of the dissertation in the field of Management. Students may register for more than one section in a given semester. A minimum of 21 credit hours of Ph.D. Dissertation is required. Prerequisite: Consent of the chair of the Dissertation Committee.