

Introduction

The PhD program in management is designed to provide advanced education for students of outstanding ability desiring to pursue careers in academic research institutions. The program currently features two distinct, focused tracks:

- 1) Information Systems (IS), and
- 2) Supply Chain & Operations Management (SCOM).

The course work for the program includes a rigorous research methodology set with a challenging track-specific foundation, as well as advanced methods and subject-related seminars. In addition, the program requires successful passage of a comprehensive examination and completion of a doctoral dissertation.

There is a strong commitment in the college to expand and increase the quality of the doctoral program. A variety of learning experiences are incorporated into both tracks, including the development of conceptual frameworks and theories, as well as qualitative case and empirical studies, among other rigorous approaches to research. Additionally, both tracks offer students the option of blending empirical and analytical research. Within the Department of Management, PhD students have tremendous opportunities to conduct cross-disciplinary research between IS and SCOM or with high-quality faculty in entrepreneurship and strategic management in addition to organizational behavior and human resources management. The goal is to position our graduates for scholarly academic careers at colleges and universities throughout the U.S. and the world.

Program of Study

The program is designed for full-time students who remain on campus during the entire duration of their study, including the Summer term. Students can enter the program only in the Fall semester (starting in mid-August). Students with Bachelors or Masters degrees in business can complete the program in four calendar years. Students with non-business discipline degrees will need to complete background courses that may lengthen the duration of the program. Students entering the PhD program must have completed undergraduate or graduate course work in calculus and linear algebra. Incoming SCOM students will also take a 2 week math boot camp prior to their initial Fall semester.

Before applying for graduation, each student must either (a) have presented, or had accepted for presentation, a paper before a professional or scientific society or (b) have had an article published, or accepted for publication, in a refereed journal. In addition, each student must have classroom teaching experience.

Information Systems The information age presents significant challenges for managers as they deal with evolving information technologies that are instrumental in enabling organizational competitiveness. The PhD track in Information Systems (IS) centers on cutting edge IS research that focuses on the simple question of "how do we make organizations better through the deployment and assimilation of information systems?" This question is examined at the individual, group, organizational, and inter-organizational levels through a variety of theoretical perspectives using a rich repertoire of research methodologies. The IS graduate program has been recognized for the research productivity of its faculty and graduate students. The IS track is supported by top faculty members and is led by Professor Varun Grover, the William S. Lee Distinguished Professor of Information Systems endowed by Duke Energy.

Supply Chain and Operations Management With globalization and technological progress, supply chain management and global operations have evolved into primary sources of competitive advantage for manufacturing and service firms. The aim of the track is to develop academics who will be tomorrow's SCOM thought leaders and who will bridge their knowledge to improve practice and foster future research. The track is supported by top faculty members and is lead by Professor Aleda Roth, the Burlington Industries Distinguished Professor in Supply Chain Management.

The SCOM graduate program is a balanced program of theory, analytical techniques, econometrics, and other advanced empirical research methodologies that focus on the management of operations, technology, and supply chains. The supply chain and operations functions - managing the processes by which goods, services, and knowledge are sourced, created, and distributed - are critical to the success of virtually all businesses, and increasingly important to globalization. Another distinctive aspect of SCOM is its emphasis on service science, innovation, and sustainability.

Formal Course Work

Formal course work leading to the dissertation stage of the PhD program is divided up into three areas: Scholarly Methods Courses, Foundation Courses, and Advanced Courses. Students are expected to complete all course work and pass a Comprehensive Examination within the first three academic years. In addition, each student is required to complete at least 18 credit hours of Doctoral Dissertation Research.

Scholarly Methods

The general methods courses address several issues. First, they are designed to expose the student to the process of social science research and key methodological issues encountered in management research. Second, the courses are designed to provide in-depth understanding of gathering data through experiments, surveys, participant observation, as well as secondary data sources. Thirdly, the courses provide advanced statistical methods for analyzing and interpreting data. In addition, IS students take advanced courses in structural equation modeling and quantitative methods. SCOM students are required, at a minimum, to take two advanced analytic

courses and two doctoral courses in econometrics. All courses to be taken are ultimately approved by the student's Advisory Committee.

Foundation Course Contents

IS Track. The foundation courses in the IS track provide critical material on IS and its deployment in business. The information systems course examines key IS and business issues, while the data resource management and systems analysis and design courses focus on development of organizational data and information systems. All IS students write a paper of publishable quality as part of the seminar series.

SCOM Track. Foundation courses in the SCOM track examine state-of-the-art issues in SCOM, taking into account their historical evolution and critical inquiry. Required doctoral seminars cover theories on operations and technology strategy, globalization and sourcing, supply chain management, lean production and quality, and emerging areas of service science, behavioral operations, sustainable operations, and innovation. Special topics include enterprise resource and manufacturing systems in addition to operational risks. First year SCOM students are required to write a summer paper of academic quality.

Advanced Courses

A minimum of six advanced courses are required, including management seminars and cross-disciplinary and advanced methods courses. A broad spectrum of course offerings are available depending on the student's research interests. Each doctoral student works closely with their academic advisor, and after the comprehensive examination, with their dissertation chair and Advisory Committee to jointly develop a program of study designed to meet the student's objectives and the requirements of his/her area of interest. Each program of study is tailored to suit the individual needs and academic career goals of the student.

Dissertation Research

Prior to graduation, the student must complete at least 18 credit hours of MGT 991 Doctoral Dissertation Research, a pass/fail course.

Applying

Applicants may apply on the web at <http://www.grad.clemson.edu/Admission.php>. Applications with a nonrefundable fee received no later than January 15th will receive priority, with applications considered on a rolling basis through May. Every required item in support of the application must be on file by that date. Students interested in competing for university-wide recruiting fellowships (which are in addition to departmental graduate assistantships) must submit their complete packages as early as December 1.

In addition to materials required by the Graduate School, the Department of Management requires a short (no more than two pages long) essay in English, giving the reasons for seeking the PhD degree from Clemson University. Applications may not be processed until the essay is received.

An interview is also encouraged by the Department of Management's Graduate Programs Committee. A personal, on-campus interview is strongly recommended, but if it is not practical, a telephone interview is also acceptable. The interview will be arranged by the Graduate Programs Committee and will be conducted by faculty members active in the applicant's indicated area of interest.

The admission decision is based on all information in the applicant's file, including the personal interview. In general, applicants for admission to the PhD program are expected to have a master's degree (with at least a 3.5 grade point average in their Masters degree work) and score at or above the 75th percentile in each section of the GMAT (quantitative and verbal) or GRE (analytical, quantitative, and verbal). However, recent admissions have been highly competitive with GMAT or GRE scores above the 85th percentile. The department tries to communicate admissions decisions to students by March 15th.

Financial Aid

The department offers financial assistance packages to most doctoral students in the form of graduate research or teaching assistantships. Research and teaching assistantships provide a generous stipend plus a significant reduction of tuition and fees. PhD students may be offered assistantships for five years (depending on their background, with fifth year funding contingent on individual progress within the program) subject to an annual evaluation of satisfactory progress. In addition, applicants may qualify for numerous university-wide recruiting fellowships. Prospective students interested in assistantships should notify the Department of Management.

Cost of Study

Tuition and fees for graduate assistants can be found on the web at <http://www.grad.clemson.edu/Financial.php>. All graduate fellows pay South Carolina resident fees.

Faculty

The Department of Management consists of an internationally recognized faculty with diverse research, teaching and consulting experiences. The department has developed an outstanding reputation for its broad-based, interdisciplinary programs in management.

Management faculty members provide a variety of services to the business and professional communities. Faculty members serve as Senior Editors of the top journals in Information Systems, Supply Chain and Operations Management, and Service Science. Faculty are frequently invited as distinguished speakers at universities, conferences, companies, and as

visiting professors internationally. Moreover, they are regularly quoted in local and national newspapers and periodicals.

For More Information

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