Graduate Curriculum Approval Form
New or Changed Concentration

Degree (i.e. M.A., Ph.D., etc.): Ph.D.
Name of Program (i.e. Biology) Business Administration
Program CIP or X code 52.0201
Name of Concentration (i.e. Botany) Information Systems
Proposed Effective Term (i.e. Spring 2006) Spring 2010

Faculty Contact Balaji Padmanabhan
Email Bpadmana@Coba.Usf.Edu
College Business
Dept and Mail Code Cis 1040

New or Changed Concentration

1. Follow the guidelines outlined by the Graduate Council at http://www.grad.usf.edu/coursepro.asp. For Graduate Council Review submit:
   - the Graduate Curriculum Approval form (this form)
   - New Concentration proposals require:
     1. a 250-word abstract that briefly explains why the concentration is needed and what the primary goals are. Include
     2. the name of the program (major) that will offer it,
     3. the requirements,
     4. total hours,
     5. Budget Acct number,
     6. Proposed Catalog Copy
   - Changed or Terminated Concentration proposals require:
     1. what the requirements were,
     2. what has been changed, and
     3. why it is needed
     4. the Catalog Copy showing the changes that will be needed if the proposal is approved

2. Submit the signed original and 1 electronic copy of the complete packet to the Graduate School by the deadline posted online http://www.grad.usf.edu/coursepro.asp. For questions, contact Carol Hines-Cobb at chinescobb@grad.usf.edu or 813-974-4239.

<table>
<thead>
<tr>
<th>APPROVALS</th>
<th>Name</th>
<th>Signature</th>
<th>Action</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. Chair</td>
<td>Kaushal Chari</td>
<td>2099</td>
<td>Approve □ Disapprove □ Comments attached</td>
<td>9/16/09</td>
</tr>
<tr>
<td>College Committee Chair</td>
<td>Jackie Reck</td>
<td>2099</td>
<td>Approve □ Disapprove □ Comments attached</td>
<td>7/13/09</td>
</tr>
<tr>
<td>College Dean/ Associate Dean</td>
<td>Charles Kroncke</td>
<td>2099</td>
<td>Approve □ Disapprove □ Comments attached</td>
<td>9/22/09</td>
</tr>
<tr>
<td>Concurrence*</td>
<td>Dept: Chair:</td>
<td></td>
<td>Not Applicable □ Concurs □ Doesn't Concur □ Comments attached</td>
<td></td>
</tr>
<tr>
<td>Grad Council</td>
<td>Chair or designee</td>
<td></td>
<td>Approve □ Disapprove □ Tabled □ Comments</td>
<td></td>
</tr>
<tr>
<td>Graduate School</td>
<td>GS Dean or designee</td>
<td></td>
<td>Approve □ Disapprove</td>
<td></td>
</tr>
</tbody>
</table>

*Concurrence - Consultation with units and departments providing related offerings or expertise is expected and encouraged.
BUSINESS ADMINISTRATION PROGRAM: MAJOR IN INFORMATION SYSTEMS

Doctor of Philosophy (Ph.D.) Degree

DEGREE INFORMATION

Program Admission Deadlines:
Fall: January 2
Fall admission only

Minimum Total Hours: 90
Program Level: Doctoral
CIP Code: 52.0201
Dept Code: DEA
Program (Major/College): BUD BA

Application Tracks/Areas of Study:
- Accounting
- Economics
- Finance
- Information Systems
- Management (inactive)
- Marketing

CONTACT INFORMATION

College: Business
Contact Information: www.grad.usf.edu

PROGRAM INFORMATION

The Ph.D. program offered by the College of Business provides its graduates with preparation for careers as college and university professors and as research and staff personnel in industry and government. The doctoral program provides for intellectual growth as students work closely with faculty in seminars, research projects, and other assignments which develop their teaching and research skills. The curriculum offers breadth of understanding of the integral components of business administration as well as depth of specialization in Information Systems sufficient to permit the student to make a meaningful contribution to the discipline. The program is sufficiently flexible to allow each student to build upon his or her strengths and to accommodate students who have background in a variety of fields and in areas outside the college. The degree conferred is Ph.D in Business with a concentration in Information Systems. The emphasis of the program is on research in the area of Information Systems that is particularly relevant to the business discipline. Specific focus areas for research include Information Systems in Organizations, Business Intelligence, Electronic Commerce, Software Engineering and Systems Development, Computational Methods in Business and the role of Information Systems in specific functional areas (e.g. marketing, finance, accounting, management) in business.

Accreditation:
Accredited by the Commission on Colleges of the Southern Association of College and Schools; AACSBI International -- The Association to Advance Collegiate Schools of Business.

ADMISSION INFORMATION

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

Program Admission Requirements

- Competitive based on GPA, GMAT or GRE
- personal statement
- recommendations
- interview
• International applicants from non English-speaking countries must also have a TOEFL score of 550 or higher on the written version, a minimum score of 213 on the computer-based test or a 79 on the internet-based test.
**DEGREE PROGRAM REQUIREMENTS**

A minimum of 90 semester hours beyond the bachelor's degree is required. This includes 21 hours of dissertation. A minimum of 45 hours of coursework must be completed at the University of South Florida.

**Foundation Courses**

These courses are designed to develop an appreciation of the institution of business and to help students see how their areas of specialization fit into this general picture. With the approval of the student's program committee, a student may satisfy these requirements in any of the following ways:

A. By completing an undergraduate degree in business at an AACSB accredited institution, with an average of "B" or better in the last 60 hours, no more than 5 years prior to admission to the Ph.D. program.

B. By completing an M.B.A. degree at an AACSB accredited institution, no more than 5 years prior to admission to the Ph.D. program.

C. By completing one approved course with a grade of "B" or better in each of the functional areas: Accounting, Finance, Information Systems, Management, and Marketing. (Economics requirements are described under core requirements.) All graduate-level courses at the 6000 level or above, with the exception of specific "tool" courses (e.g. statistics), will count toward this requirement.

D. By successfully petitioning the doctoral Program Committee to accept previous academic work (e.g., specialized Masters programs in business, degrees granted more than 5 years ago, etc.) in fulfillment of all or part of this requirement. Such a petition must be initiated during the first semester of the program.

**Core courses required for all majors in the PhD program in Business Administration**

The core courses are designed to provide a strong background in economics and to develop the student's quantitative and statistical research skills. These courses are required of all students in the program. The College will waive a course only if the student has passed the same or equivalent course with a grade of "B" or better within the preceding five years.

The Economics requirement can be met by completing two graduate level courses, one in microeconomics and one in macroeconomics, with a grade of "B" or better. The courses which satisfy this requirement are:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECP 6702</td>
<td>Managerial Economics</td>
<td>2</td>
</tr>
<tr>
<td>ECO 6708</td>
<td>Global Economic Env. of Business</td>
<td>2</td>
</tr>
<tr>
<td>ECO 6115</td>
<td>Microeconomics I*</td>
<td>3</td>
</tr>
<tr>
<td>ECO 6206</td>
<td>Aggregate Economics*</td>
<td>3</td>
</tr>
<tr>
<td>ECP 6408</td>
<td>Economics of Organization*</td>
<td>3</td>
</tr>
</tbody>
</table>

At least one course must be taken from among those listed above with an asterisk (*).

The quantitative and statistical coursework is to be determined by the student's program committee in consultation with the student. A three course series is required. An appropriate sequence should be chosen from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 6424</td>
<td>Econometrics I</td>
<td>3</td>
</tr>
<tr>
<td>ECO 6425</td>
<td>Econometrics II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 7426</td>
<td>Econometrics III</td>
<td>3</td>
</tr>
<tr>
<td>ECO 7427</td>
<td>Econometrics IV</td>
<td>3</td>
</tr>
<tr>
<td>QMB 6375</td>
<td>Applied Linear Statistical Models</td>
<td>3</td>
</tr>
<tr>
<td>QMB 7565</td>
<td>Introduction to Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>QMB 7566</td>
<td>Applied Multivariate Statistical Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

Any substitution of appropriate mathematics, statistical and quantitative coursework must be approved by the Doctoral Program Committee, preferably at the time of acceptance, or definitely before the student takes a substitute course. In addition, students are required to take an additional research elective approved by their advisory committee. Should a student earn a grade of "C" or lower in the core courses, the case will be brought before the Doctoral Program Committee for review. After reviewing the case, the Committee will take one of the following steps:
a. Require the student to pass an examination that covers the material relevant to the subject. A student who fails the exam on the first attempt may retake it within one year. A student who fails the exam on the second attempt will be subject to dismissal.

b. Require the student to retake the course. If the student retakes the course and fails to receive a grade of “B” or better, the student is subject to dismissal.

Additional core courses required for all Information Systems majors

The following foundational courses in Information Systems are required.

(i) ISM 6124: Advanced Systems Analysis and Design
(ii) ISM 6218: Advanced Database Management
(iii) ISM 6225: Distributed Information Systems

This requirement can be waived if a student has taken these or equivalent graduate courses in a prior program with a grade of B or higher. Any waiver request for any of the above three courses should accompany the syllabus of the course taken and be directed to the PhD Coordinator in the department.

Five (5) courses at the 6000 or 7000 level in Information Systems are also required. The specific courses are:

(i) ISM 6930: Computational Methods in Business.
(ii) ISM 7910 MIS Research Seminar I
(iii) ISM 7911 Seminar in Technical IS Research
(iv) ISM 7912 Seminar in MIS Organizational Research
(v) One additional ISM course at the 6000 level or higher. Note that any of the three courses taken to satisfy the foundational course requirement in Information Systems can also satisfy this (fifth major course) requirement.

Support Field (9 hours)
The support area will consist of a minimum of three courses (9 hours) from one or more of the fields listed under the major field, or elsewhere in the university. The support field and the major field cannot be taken in the same department. Courses within the support field can be selected to complement the major field and in special cases may include courses outside the College of Business. The nature and number of the support area courses will be determined by the Student’s Program Committee in consultation with the Ph.D. coordinator of the support field department. Courses taken as part of the Foundation or Core courses may not be counted as part of the 9 hours required for support fields.

Comprehensive Qualifying Examination
Upon completion of all coursework, students must pass a comprehensive examination in the major area. The student’s performance on this exam should reflect familiarity with the literature, as well as with current issues and problems related to these fields.

There are two parts to the comprehensive examinations following the completion of coursework: (i) a written examination and (ii) an oral presentation and successful defense of a research paper submitted as the student’s “second year research paper” (at the end of each of the first two years, students should submit a research paper). Students will be considered to have passed the comprehensive exam if they pass the written exam and successfully present and defend their second year paper.

By the end of the first semester following the completion of the required research methods and departmental coursework students should have taken and passed both parts of the comprehensive examinations. The ISDS PhD Handbook provided to the students when they enter the program, and available on the ISDS Department Web site, describes other specific rules pertaining to the comprehensive examinations.

Dissertation- 21 hours of dissertation are required for the degree.

Residency Requirement - Ph.D. students in the College are required to complete a minimum of 15 hours per calendar year. Failure to meet this requirement will result in the student being placed on conditional status.

COURSES
See http://www.usf.edu/sab/sabs.cfm