



Decision Science and Information Systems

Gatton College of Business and Economics

Students in the decision science program earn the Bachelor of Business Administration degree. In addition to fulfilling University Studies requirements, students complete the College requirements, premajor and major requirements, and College core requirements listed below.

Admission Policy

Admission to the University is sufficient for admission to the Gatton College of Business and Economics for students with less than a junior standing. However, lower division admission to the college or any admission to the University does not guarantee upper division admission to one of the degree programs in the Gatton College of Business and Economics. In general, admission depends upon the qualifications and preparation of the applicants, as well as the availability of resources for maintaining quality instruction.

Upper division admission into a degree program is necessary in order to be granted a baccalaureate degree from the Gatton College of Business and Economics.

The upper division admission requirements for the 2009-2010 academic year are a minimum 3.0 cumulative GPA or the minimum current Annual Admission GPA, whichever is lower; and a minimum 3.0 premajor GPA or the minimum current Annual Admission GPA, whichever is lower.

University Studies Requirements

See "University Studies Program" on pages 83-87 of the 2009-2010 UK Bulletin for complete University Studies requirements.

Premajor Requirements

Hours

Students must complete 23-28 credit hours taken from the following courses:

Table listing premajor requirements with course names and hours. Includes University First Year Writing Requirement, ACC 201-202, ECO 201-202, STA 291, MA 123/162, MA 113, and B&E 102-104.

Subtotal: Premajor Hours 23-28

*May also be used toward partial fulfillment of USP Social Science Requirement.

Suggested Premajor Curriculum

Freshman Year

Fall Semester Hours

Table listing suggested freshman year fall semester courses and hours, including ENG 104, USP Social Science, MA 109, MA 123, MA 113, and MA 193.

Table listing fall semester courses and hours: USP Natural Science (3), UK 101 Academic Orientation (1), Total (14-17).

Spring Semester

Table listing spring semester courses and hours: USP Cross-Cultural (3), MA 123/162 (3), USP Natural Science (3), B&E Oral Communication Requirement (3), USP Humanities (3), B&E 102 (0), Total (15).

Sophomore Year

Fall Semester Hours

Table listing sophomore year fall semester courses and hours: ECO 201 (3), ACC 201 (3), USP Humanities (3), MA 162 (3), STA 291 (3), USP Elective (3), B&E 103 (0), Total (15).

Spring Semester

Table listing sophomore year spring semester courses and hours: ECO 202 (3), ACC 202 (3), STA 291 (3), Elective (3), ENG 203 (3), USP Elective (3), B&E 104 (0), Total (15).

College Core

Hours

Table listing college core courses and hours: The Core (18), MKT 300 (3), FIN 300 (3), MGT 301 (3), MGT 340 (3), DIS 300 (3), ECO 391 (3), Subtotal: College Core Hours (18).

Other College Requirements

Hours

Table listing other college requirements: ENG 203 (3), *Students must complete one of the following courses: ANT 101 (3), PSY 100 (3), SOC 101 (3-4).

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Students must complete **one** of the following courses:

- B&E 240 Intercultural Business Communication
- COM 181 Basic Public Speaking
- COM 252 Introduction to Interpersonal Communication
- COM 281 Communication in Small Groups
- COM 287 Persuasive Speaking
- TA 225 Vocal Production for the Stage I

or

complete a bypass examination 3

*This one course may be used toward the USP Social Science Requirement.

Subtotal: Other College Hours **9-10**

Major Requirements

- DIS 320 Information Systems in the Modern Enterprise 3
- DIS 350 Analytics: Models and Methods 3
- DIS 406 Production and Inventory Systems 3
- DIS 450 Analytics Technologies 3

plus two of the following:

- DIS 390 Special Topics in Analytics 3
- DIS 395 Individual Work in Analytics 1-3
- DIS 506 Productivity and Quality Management 3
- DIS 520 Advanced Topics in Analytics 3

Subtotal: Major Hours **18**

Electives

See "Electives" below. Students must complete a minimum of 120 hours to graduate with a degree in Business Administration.

TOTAL HOURS: **120**

Suggested Upper-Division Decision Science and Information Systems Curriculum

Junior Year

Fall Semester	Hours
DIS 300 Analyzing Business Operations	3
MGT 301 Business Management	3
MKT 300 Marketing Management	3
ECO 391 Economic and Business Statistics	3
Elective	3
Total	15

Spring Semester

DIS 320 Information Systems in the Modern Enterprise	3
Elective	3
FIN 300 Corporation Finance	3
MGT 340 Ethical and Regulatory Environment	3
Elective and/or	
B&E 300 Career Development in Business and Economics (1 credit) ...	1-4
Total	13-16

Senior Year

Fall Semester	Hours
DIS 350 Analytics: Models and Methods	3
DIS 450 Analytics Technologies	3
DIS 3- or 5-	3
Elective	3
Elective	3
Total	15

Spring Semester

DIS 406 Production and Inventory Systems	3
DIS 3- or 4-	3
Elective	3
Elective	3
Elective	3
Total	15

Electives

Each of the degree programs affords the student considerable opportunity and freedom of choice to take elective courses. The number of electives will vary depending on the student and their major. Each student must meet the general minimum hours for graduation. Students pursuing a second degree must have a minimum of 144 hours. Military science (lower division), music performance, and KHP activity courses do not count for electives. A maximum of six hours of technical courses can be counted for electives. A total of four electives may be taken on a pass/fail basis if they are not being used for any other type of requirement, nor taught through the student's major department(s).

College Requirements

To graduate from the Gatton College of Business and Economics, a student must have a total of 120 credit hours (exclusive of lower division military science courses, physical education service courses, and performance-type courses) with a 2.0 grade-point standing. Students are required to earn at least 50 percent of their business credit hours required for the business degree at the University of Kentucky. A minimum GPA of 2.00 is required in all courses taken at the University of Kentucky used to satisfy the College core. Additionally, a minimum GPA of 2.00 is required in all courses taken at the University of Kentucky used to satisfy upper division departmental requirements.

In addition to fulfilling the First Year Writing Requirement (ENG 104), students must also complete ENG 203, Business Writing; ENG 203 may fulfill the Graduation Writing Requirement.

Each student's undergraduate curriculum must include at least 60 earned credit hours of courses outside the Gatton College of Business and Economics. Up to nine semester hours of economics and up to six semester hours of statistics may be counted as part of the general education curriculum.

Policy on Internships

Gatton College of Business and Economics' faculty work with Experiential Education and Career Services (UK Career Center) to provide students with the opportunity to intern in a business-related field. The College allows a student to apply toward graduation up to six credit hours (pass/fail option only) of EXP 396/internship credit earned at the University of Kentucky. The maximum credit hours each semester that can be applied toward graduation for EXP 396/internship credit is three. Credits earned for other internship courses throughout the University are included in the three hours per semester and the six hour maximum for graduation credit. For further information, contact the UK Career Center at (859) 257-2746. Or visit the Web site at: www.uky.edu/CareerCenter