

B.A. in Business Administration: Concentrations in Management Information Systems (MIS) and Operations Management (OPS)

College of Business and Economics

2007-2008 Academic Advising Center Old Main 380 360.650.3850 Advising@cc.wvu.edu

This document has been created for advising purposes only. Please contact the appropriate department for major and/or graduation requirements.

What is the study of Business Administration?

The Business Administration program has been designed to prepare students for leadership roles in business and the community. The educational objectives of the department are fourfold: offer innovative

undergraduate curricula that reflect state-of-the-art knowledge in our areas of expertise; prepare students with the necessary skills and knowledge for a professional career; provide students with opportunities to improve their communication, team and

problem solving skills to work effectively with different organizations and cultures; encourage students to develop critical thinking skills and an appreciation of intellectual inquiry.

Why should I consider a Business Administration - Management Information Systems (MIS) or Operations Management (OPS) Major?

The Department of Decision Sciences provides the opportunity for study in two related fields of Business Administration - Management Information Systems (MIS) and Operations Management (OPS). Additional course

work is provided in Quantitative Methods. These fields cover a variety of responsibilities in both public and private organizations. Graduates from the Decision Sciences Department will have completed a broad Business

Program plus a wide range of non-business subjects, reflecting the Department's belief that education should prepare students for satisfying achievements in life as well as business.

Declaring a Business Administration - Management Information Systems (MIS) & Operations Management (OPS) Major:

To be eligible to declare as a Business Administration major, a student must meet one of the following requirements:

- Have a cumulative GPA of no less than 2.5 or,
- Complete the following seven Business foundation courses (or their transfer equivalents)

- with a GPA of not less than 2.75: ACCT 240, ACCT 245, ECON 206, ECON 207, DSCI 205, MGMT 271 and MATH 157

Complete an "Application for Admission" form for the College of Business and Economics (CBE). This form allows each applicant to the CBE to select a major and

concentration where applicable. Take or mail the form AND copies of all College/University transcripts (unofficial transcripts are okay for this purpose) to the CBE Office in PH 419. (This should be done early in the quarter and definitely no later than two weeks prior to the time registration begins for the following quarter.)

Mid-Program Checkpoint:

Students intending to completing a Bachelor's of Arts degree in Business Administration within four years should complete the following courses by the start of their junior year. Students are expected to follow all prerequisite requirements for courses and seek early departmental advisement.

Coursework:

Complete Business foundation courses:

- ACCT 240 & 245
- DSCI 205
- MATH 157
- ECON 206 & 207
- MGMT 271

Other Activities:

Complete College of Business and Economics Application of Admission form.

Get involved in student club activities - Management Information Systems Association (MISA) or APICS - The Association for Operations Management..

Contact

Information:

<http://www.cbe.wvu.edu/>

Department Chair:

L. Floyd Lewis
PH 343a
360-650-4817
Floyd.Lewis@wvu.edu

Administrative

Department Manager:

Diane Boyer
PH 343
360-650-3902
Diane.Boyer@wvu.edu

Sample Career Fields:

- Systems Analyst
- Computer Systems Manager
- Inventory Control Specialist
- Administrator
- Database Administrator
- Risk Analyst
- Consultant
- Website Developer

Business Administration (Decision Sciences) – MIS and OPS

Major Requirements: 91-92 Credits

Foundation courses: (28 credits)

- ACCT 240 Financial Accounting (4)
- ACCT 245 Managerial Accounting (4)
- ECON 206 Introduction to Microeconomics (4)
- ECON 207 Introduction to Macroeconomics (4)
- DSCI 205 Business Statistics (4)
- MGMT 271 Law and the Business Environment (4)
- MATH 157 Calculus with Applications to Business and Economics (4)

Core courses: (36 credits)

- DSCI 305 Applied Business Statistics (4)
- ECON 309 Managerial Economics (4)
- FIN 341 Principles of Finance (4)
- MIS 320 Principles of Management Information Systems (4)
- MKTG 380 Principles of Marketing (4)
- MGMT 311 Introduction to Management & Organizational Behavior (4)
- MGMT 482 Business and its Environment (4)
- MGMT 495 Strategic Management (4)
- OPS 360 Operations Management (4)

Other Decision Sciences options:

- B.S. in Manufacturing and Supply Chain Management (131-132 credits)
- Minor in Manufacturing and Supply Chain Management (27-28 credits)
- Minor in Business Administration (40 credits)

Concentration Electives: (27-28 credits) Students may select one or two of the concentrations listed below, or may choose to have no concentration and complete 27-28 credits under advisement.

Concentration in Management Information System (MIS): (27-28 credits)

- MIS 492 Systems Implementation Project (4)
or OPS 461 Project Management (4)
or MGMT 313 Teamwork Basics (4)
 - MIS 321 Systems Analysis and Design (4)
 - MIS 322 Business Applications Development (4)
 - MIS 421 Business Database Development (4)
 - MIS 495 Corporate Information Systems Management (4)
- Select eight credits from: Upper-division MIS courses, DSCI 405, OPS 461, ACCT 421.
- Other upper-division courses (including Computer Science) may be possible under advisement.
- Familiarity with an additional programming language highly recommended.

Concentration in Operations Management (OPS): (27-28 credits)

- MGMT 313 Teamwork Basics (4)
 - OPS 460 Designing and Improving Operations (4)
 - OPS 461 Project Management (4)
 - OPS 463 Enterprise Resource Planning Systems (4)
 - OPS 465 Quality Management (4)
 - OPS 468 Manufacturing Strategy (4)
- One course under advisement

One Communications Focus course and one Writing Proficiency course, both within the College of Business and Economics, are required. These courses can be taken as part of

These required or elective courses will also satisfy the GUR or other Graduation Requirement:

- QSR:** MATH 157
- SSC:** ECON 206, ECON 207,
MGMT 271
- WP:** MIS 495
OPS 464