



Computer Information Systems

B.B.A. Degree

Network Management Concentration

What is Computer Information Systems (CIS)?

A Bachelor or Business Administration degree in Computer Information Systems (CIS) focuses on the applications and implications of computing in the business domain. Graduates with this degree have studied electronic business development techniques and tools, project management, business application programming, forensic computing, and database management along with accounting, finance, marketing, and business strategies.

Where do our graduates work?

Toyota Motor Corporation, IBM, Lexmark, Software Architects Inc., Ashland Oil, Trim Masters, Newport Steel Corporation, Osrarn Sylvania, SCT Corporation, Cintas, Comptek, Delta Natural Gas, Humana, St. Joseph Hospital, GTE South, Kroger, Ohio Casualty, Cincinnati Financial, Fifth Third Bank, State Farm Insurance, Kentucky Farm Bureau, Grange Mutual, First Investors Corporation, U.S. Department of Agriculture, Kentucky State Government, Lexington-Fayette Urban Government.

What kinds of jobs are out there for a CIS graduate?

During school: Co-op and internship pay ranges from \$10 to \$17 per hour. EKU has the largest co-op program in the State with more job opportunities than students to fill them.

After graduation: Systems Analyst, Computer Support Specialist, IT Consultant, Business Application Programmer, Network Specialist, Database Analyst/Designer, Web Developer.

Long term: IT Project Manager, Database Administrator, Systems Development Manager, Chief Technology Officer, Chief Information Officer, President, Chief Executive Officer.

What kind of salary range can CIS graduates expect?

CIS is one of the top ten most popular majors in college. Systems analysts and computer support specialists have been projected as number two and three on job growth in the U.S. The starting salary for CIS graduates in 2008 averaged \$52,500 (NACE Salary Survey, Jan. 2009).

What student organization is available?

The Association of Information Technology Professional (AITP) offers students an opportunity to learn from industry leaders, attend national trade shows, and perform community service projects.

For More Information

Department of Accounting, Finance and Information Systems
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Eastern Kentucky University
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Richmond, KY 40475-3102
859-622-1087
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Suggested Curriculum Guide for Network Management Concentration

Freshman (1st Semester) 16 hrs

- BTO 100* Orientation
- E-2 MAT 112 College Algebra (or MAT 211 Calculus)
- E-5B PSY 200 or SOC 131 Intro PSY or Intro SOC
- CIS 212 or INF 104 Intro to CIS or Computer Literacy
- E-1A* ENG 101
- E-6 Diversity (3 hrs)

Freshman (2nd Semester) 15 hrs

- QMB 200 Business Statistics
- CIS 240 Web Information Systems
- E-1B* ENG 102
- E-3A Arts
- E-4A or B Biological/Physical Lab Science

Sophomore (1st Semester) 15 hrs

- ACC 201 Introduction to Financial Accounting
- ECO 230 Principles of Economics I
- CIS 215 Introduction to Business Programming
- E-3B Humanities
- E-5A Historical Perspective

Sophomore (2nd Semester) 15 hrs

- ACC 202 Introduction to Managerial Accounting
- ECO 231 Principles of Economics II
- GBU 204 Legal and Ethical Environments of Business
- Free Elective (Non-Business 3 hrs)
- E-1C Oral Communication

Junior (1st Semester) 15 hrs

- CIS 335* Database Management
- CIS 375* Networks and Telecommunications
- CCT 300W Managerial Reports
- FIN 300 Business Finance I
- MGT 300 Principles of Management
- BTS 300 Professional Skills Seminar (0 credit)

Junior (2nd Semester) 15 hrs

- CIS 300 Management Information Systems
- CIS 340* E-Business Technologies and Tools
- CIS 475* Advanced Telecommunications
- NET 343 or 354 or 403 (3 hrs)
- E-4 A or B Biological/Physical Lab Science

Senior (1st Semester) 15 hrs

- CIS 380* Information Sys Analysis & Design
- MGT 370 Operations Management
- MKT 300 Principles of Management
- Major Elective (3 hrs)
- Free Elective (Non-Business 3 hrs)

Senior (2nd Semester) 14 hrs

- CIS 410* Project Management and Practice
- GBU 480* Business Strategy
- Free Elective (Non-Business 5 hrs)
- E-6 Diversity
- BTS 400 College to Careers Seminar (0 credit)*

*Course must be taken in semester indicated.

UNIVERSITY GRADUATION REQUIREMENTS

General Education	36 hrs
Orientation Course (BTO 100; waived for transfers with 30+ hrs.).....	1 hr
Total Hours University Graduation Requirements.....	37 hrs

College Requirements:

BTS 300 (CR only, no hours) and BTS 400 (CR only, no hours).

Core Courses:

Pre-Business Core	12 hrs
ACC 201, 202, GBU 204, QMB 200	
Business Core	21 hrs
CCT 300W, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480	

Major Core 18 hrs

CIS 215, 335, 340, 375, 380, 410

Network Management Concentration 9 hrs

Three hours from CIS 420 or 475, three hours from NET 343 or 354 or 403, and three hours from one of the following (CIS 349, 420, 475, NET 343, 354, 403), or an upper-division course approved by the department.

Supporting Course Requirements 12 hrs

- CIS 212 or INF 104
- CIS 240
- ECO 230 & 231
- MAT 112/211 (counted in GE Element 2)
- PSY 200/200W or SOC 131 (counted in GE Element 5)

Free Electives (Non-Business) 11 hrs

Total Curriculum Requirements 120 hrs

