



Computer Information Systems B.B.A. Degree General CIS 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, Osram 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

College of Business
108 Business & Technology Center
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
859-622-1377
<https://business.eku.edu/>
www.cis.eku.edu





Suggested Curriculum Guide for General CIS Concentration

Freshman (1st Semester) 16 hrs

- BUS 100 (1)* Professional Development Series
BUS 101* Nature of Business
E-1A* ENG 101
E-2 MAT 112A/B, 114 Algebra & Applications or MAT 211 Calculus
E-3A Arts
E-6 Diversity

Freshman (2nd Semester) 15 hrs

- BUS 206 Fundamentals of Problem Solving with Excel
E-1B* ENG 102
E-1C CMS 100 or 210
E-3B Humanities
E-4A Biological or E4B Physical Lab Science

Sophomore (1st Semester) 16 hrs

- BUS 200 (1)* Professional Development Series
BUS 209 Fundamentals of Financial and Managerial Accounting
E-5A Historical Perspective
BUS 207 Fundamentals of Interpersonal Business
ECO 230 Fundamentals of Microeconomics (Element 5B)
CIS 240 Introduction to Web Information Systems

Sophomore (2nd Semester) 16 hrs

- ECO 231 Fundamentals of Macroeconomics
BUS 204 Fundamentals of Business Law and Ethics
STA 270 (4) Applied Statistics
BUS 304 Essentials of Management and Information Systems
BUS 301W Essentials of Formal Business Communication

Junior (1st Semester) 13 hrs

- BUS 300 (1)* Professional Development Series
BUS 302 Essentials of Finance
BUS 305 Essentials of Marketing
CIS 335 Database management
CIS 215 Introduction to Business Programming

Junior (2nd Semester) 14 hrs

- BUS 303 Essentials of Organizational Behavior and HR
CIS 340 Electronic Business technologies and Tools
CIS Elective (3 hrs)
Free Elective (2 hrs)
CIS Elective (3 hrs)

Senior (1st Semester) 15 hrs

- BUS 400 (1)* Professional Development Series
BUS 306 Essentials of Operations and Supply Chain
E-4A Biological or E4B Physical Lab Science
Free Elective (2 hrs)
CIS 375 Networks and Telecommunications
CIS 380 Information Systems Analysis and Design

Senior (2nd Semester) 15 hrs

- Free Elective (3 hrs)
CIS 410 Project Management and Practice
BUS 402 Integrated Strategic Management
E-6 Diversity
CIS Elective (3 hrs)

*Course must be taken in semester indicated.

UNIVERSITY GRADUATION REQUIREMENTS

Table with 2 columns: Requirement, Hours. Includes General Education (36 hrs), Student Success Seminar (1 hr), Total Hours University Graduation Requirements (37 hrs).

College Requirements:

Table with 2 columns: Requirement, Hours. Includes BUS 300 (1 hour) and BUS 400 (1 hour) (2 hrs), Professional Development Series (1 hr), Nature of Business: BUS 101 (3 hrs), Fundamentals Series: Environment and Tools of Business (12 hrs), Essentials Series: Functions of Business (18 hrs), Mastery of Business: BUS 402 (3 hrs).

Supporting Course Requirements

Table with 2 columns: Requirement, Hours. Includes Environment of Business: ECO 230 (Element 5B) and 231 (7 hrs), Tools of Business: MAT 112A and 112B (Element 2), 114 (Element 2), or 211 (Element 2), STA 270 (7 hrs).

G = Course also satisfies a General Education element. Hours are included within the 36 hr. General Education Requirement above.

Table with 2 columns: Requirement, Hours. Includes Major Core (21 hrs), CIS 215, 240, 335, 340, 375, 380, 410.

Table with 2 columns: Requirement, Hours. Includes General Computer Information Systems Concentration (9 hrs), Nine hours from CIS 320, CIS 325, CIS 349 (up to a maximum of three hours), 420, 430, 475, or an upper-division course approved by the department.

Table with 2 columns: Requirement, Hours. Includes Free Electives (Non-Business) (7 hrs).

Table with 2 columns: Requirement, Hours. Includes Total Curriculum Requirements (120 hrs).