

University of Arkansas -Monticello
School of Computer Information Systems

CIS Course Prerequisites

Course	Name	Prerequisites
CIS 1013	Intro to Computer-Based Systems	None
CIS 1193	PC Hardware and Software Maintenance	None
CIS 2203	Programming Logic & Design	Co-req GE Math*
CIS 2223	Microcomputer Applications (ACTS Equivalent # CPSI 1003)	Co-req ENGL 1013** and Math 183 or higher
CIS 3103	Advanced Microcomputer Apps	CIS 2223 (ACTS Equivalent # CPSI 1003), Junior Standing
CIS 3233	Business DBMS	GE Math*, Min of "C" in CIS 2223 Microcomputer Apps (ACTS Equivalent # CPSI 1003)
CIS 3243	Intro to Java Programming	GE Math*, Min of "C" in CIS 2203
CIS 3423	COBOL	GE Math*, Min of "C" in CIS 2203
CIS 3433	Intro to C# Programming	GE Math*, Min of "C" in CIS 2203
CIS 3443	Object-Oriented Programming	GE Math*, Min of "C" in CIS 2203
CIS 3453	WWW Programming	Junior Standing or Instructor Permission
CIS 3463	Programming Mobile Applications	Junior level programming class with min "C"
CIS 3523	System Analysis & Design	CIS 3423 or CIS 3443
CIS 3553	Advanced COBOL	Min of "C" in CIS 3423
CIS 370V	Practicum in CIS	Min of 12 hours of CIS Courses
CIS 4253	CIS Security	Junior Standing or Inst Permission
CIS 4263	Ethics in Information Technology	None
CIS 4503	Data Communications and Networking	CIS 3423 or CIS 3443
CIS 460V	Internship in CIS	Advanced Standing, permission of Dean
CIS 4623	Database Management Systems	CIS 3553
CIS 4633	App Software Development Project	CIS 3523 and CIS 4623
CIS 4723	Seminar in CIS	None
CIS 479V	Independent Study in CIS	None

Business Course Prerequisites

Course	Name	Prerequisites
ACCT 2213	Principles of Financial Accounting (ACTS Equivalent # ACCT 2003)	Co-req ENGL 1013 and Math 0183 or higher
ACCT 2223	Principles of Managerial Accounting (ACTS Equivalent # ACCT 2013)	ACCT 2213 (ACTS Equivalent # ACCT 2003)
ECON 2203	Principles of Macroeconomics (ACTS Equivalent # ECON 2103)	Co-req ENGL 1013 and Math 0183 or higher
ECON 2213	Principles of Microeconomics (ACTS Equivalent # ECON 2203)	Co-req ENGL 1013 and Math 0183 or higher
ECON 2113	Business Statistics I (ACTS Equivalent # BUS 2103)	Gen Ed Math*
GB 3043	Business Communications (ACTS Equivalent # BUS 2013)	Keyboarding ability, ENGL 1023
MGMT 3473	Prin. of Management/Org Behavior	None
MGMT 4613	Management Information Systems	None
MKT 3403	Principles of Marketing	None

*MATH 1043 College Algebra (ACTS Equivalent # MATH 1103), MATH 1003 Survey of Mathematics (ACTS Equivalent # MATH 1003), OR MATH 1103 Survey of Mathematics w/Review

**ENGL 1013 Comp. I (ACTS Equivalent # ENG 1013)