



CIS Minor Checklist

Dept. of Computer Information Systems & Management Science
 College of Business
 James Madison University

Learn how to leap across disciplines. This is how breakthroughs now come about. It is interdisciplinary combinations - design and technology, science, art, and business - that have produced such breakthrough developments such as YouTube and FaceBook. A minor in Computer Information Systems (CIS) will allow you combine knowledge in the analysis & design of information systems with the knowledge you have gained in your primary major. The results can be spectacular!

The minor in Computer Information Systems is structured to provide the student not majoring in CIS with the opportunity to develop the working knowledge necessary to apply information technology to business opportunities and problems.

Coordinator: Dr. Michael Mitri (mitrimx@jmu.edu)

Course	Title	Credit hours	Completed credit hours
COB 204	Computer Information Systems	3	<input type="checkbox"/>
CIS 221	Principles of Programming	3	<input type="checkbox"/>
CIS 304 ¹	Information Technology	3	<input type="checkbox"/>
CIS 330 ¹	Database Design and Application	3	<input type="checkbox"/>
CIS 454 ¹	Systems Analysis & Design	3	<input type="checkbox"/>
CIS elective ^{1,2,3}		3	<input type="checkbox"/>
		18	

- 1 All 300 level and 400 level CIS classes require a formal declaration of a CIS minor and at least junior standing.
- 2 Students with a major in Accounting may substitute ACTG 440 for the CIS elective.
- 3 Electives for the CIS minor include:

CIS 320: Telecommunications Processing	CIS 411: Computer Forensics for Business
CIS 331: Intermediate Programming	CIS 420: Computer-Based Networking
CIS 354: Advanced Visual Basic .Net	CIS 424: Computer Security Management
CIS 363: Business Process Management	CIS 434: Information Technology Consulting
CIS 364: Decision Support Systems	CIS 464: IS Project Management
CIS 366: Web Development	CIS 466: Advanced Web Development
CIS 383: Introduction to Unix and Perl	CIS 498: Special Topics in CIS