

**ROBERT MORRIS UNIVERSITY****ACADEMIC REQUIREMENTS FOR  
Bachelor of Science****EFFECTIVE FALL 2009****Major: COMPETITIVE INTELLIGENCE SYSTEMS****1. ROBERT MORRIS UNIVERSITY CORE--39 Credits**

COSK1220	Reading and Writing Strategies or	3	WRIT101	HUMA1010	Humanities: Art and Music	3	_____
COSK1221	Argument and Research	3	_____	*INFS1020	Intro to Decision Support Systems	3	CIST100
COSK2220	Public Speaking and Persuasion	3	_____	*INFS1050	Fundamentals of Information Systems		
COSK2230	Professional Communications	3	_____	PSYC1010	General Psychology	3	_____
ECON1010	Survey of Economics	3	_____	SOCI1010	Principles of Sociology or	3	_____
ELIT_____	Literature Elective	3	WRIT102	SOCI2320	Contemporary American Social Problems		
HIST_____	History Elective** or	3	_____	STAT2110	Statistics	3	_____
POLS_____	Political Science Elective**			_____	Natural Science Elective	3	_____

(\*\*Choose from: HIST1100, HIST1200, HIST1500, HIST1600, HIST1700 HIST1800 or POLS1020)

**2. PROGRAM REQUIREMENTS--6 Credits**

*INFS4170	Global, Economic, Social, and Ethical Issues in Computing	3	_____	*STAT3120	Statistics II	3	_____
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**3. MAJOR--24 Credits**

*INFS2210	Operating Systems Concepts	3	_____	*INFS3235	Computer and Network Security	3	CISF210
*INFS3150	Introduction to Web Development and e-Commerce Technology	3	_____	*INFS3510	Competitive Intelligence Systems	3	_____
*INFS3220	Systems Analysis and Design	3	_____	*INFS4240	Database Management Systems	3	_____
*INFS3231	Network Technology/Mgt (N+)	3	CISN100	*INFS4810	Project Management	3	_____

**4. COMPETITIVE INTELLIGENCE SYSTEMS CONCENTRATION--12 Credits**

Students must choose four (12 credits) of the following courses in order to satisfy requirements of this section

*INFS3170	Cyberlaw	3	_____	*INFS3840	Systems Threat Definitions and Vulnerability Analysis	3	_____
*INFS3221	Advanced Systems Analysis/Design	3	_____	*INFS4220	Data Mining	3	_____
*INFS3610	System Indicators and Warnings	3	_____	*INFS4260	Data Warehousing	3	_____
*INFS3640	Managing Intelligence Systems	3	_____	*INFS4830	Strategic Information Systems Planning	3	_____
*INFS3710	Knowledge Management	3	_____				
*INFS3820	Systems Risk Mitigation	3	_____				

**5. AREA OF INTEREST—15 Credits**

*_____	Criminal Law	3	CRIM131	*_____	Criminology	3	CRIM230
*_____	Administration of Criminal Justice	3	CRIM100	*_____	Criminal Evidence	3	CRIM232
*_____	Interview and Interrogation	3	CRIM212				

**6. OPEN ELECTIVES--30 Credits Minimum**

_____	Basic Network Routing	3	CISN110	MATH4000	Discrete Mathematics or other math	3	MATH125
_____	Basic Network Routing	3	CISN110	_____	Disaster Recovery	3	CISF200
INFS3233	Admin MS Windows Client	3	CISN200	INFS3120	Intro to Computer Forensics	3	CISF120
INFS2120	Visual Basic Programming I	3	CIST160	_____	Internship, CIS/Telecom Elec or Crim	3	TRF
INFS3234	Admin Windows Server	3	CISN205	INFS2211	Microcomputing Technology (A+)	3	CISN105

**Up to 60 credits apply to this degree program from CCBC**

**SEMESTER BY SEMESTER BREAKDOWN OF COURSE EQUIVALENTS**

<b>CCBC COURSES</b>		<b>RMU EQUIVALENT</b>	
<b>CRSE NO</b>	<b>COURSE TITLE</b>	<b>CRSE NO</b>	<b>COURSE TITLE</b>
<b>First Semester</b>			
CIST100	Intro to Information Technology	INFS1050	Fund of Information Systems or INFS1020
CISN100	Introduction to Networking	INFS3231	Network Tech and Mgt (N+)
WRIT101	English Composition I	COSK1220	Reading and Writing Strategies
CISN105	PC Hardware	INFS2211	Microcomputing Technology (Open Elec)
CRIM100	Administration of Criminal Justice		Area of Interest Course
<b>Second Semester</b>			
CISN110	Basic Network Routing		Open Electives (six credits)
CISN200	Client Operating Systems	INFS3233	Admin MS Windows Client (Open Elec)
MATH125	Discrete Math or MATH110 or higher Or Science Elective	MATH4000	Discrete Mathematics (Open Elective) Or Science Elective
CIST160	Visual Basic I	INFS2120	Visual Basic Programming I (Open Elec)
WRIT102	English Composition II	ELIT_____	Literature Elective
<b>Third Semester</b>			
CISN205	Server Operating Systems	INFS3234	Admin Windows Server (Open Elective)
CISF210	Network Security	INFS3235	Comp/Network Security
CRIM212	Interview and Interrogation		Area of Interest Course
CRIM230	Criminology		Area of Interest Course
CRIM131	Criminal Law		Area of Interest Course
<b>Fourth Semester</b>			
CISF200	Disaster Recovery		Open Elective
CISF120	Computer Forensics/Investigation	INFS3120	Intro to Computer Forensics(Open Elective)
CRIM232	Criminal Evidence		Area of Interest Course
CIST260	Internship or CIS/Telecomm Elective or Criminal Justice Elective		Open Elective