

ASSOCIATE IN SCIENCE

Management of Information Systems

MIS.AS

CODE	COURSE	CREDITS	CODE	COURSE	CREDITS
First Year/First Semester			Second Year/First Semester		
ENG-101	English Composition I	3	ECO-101	Macroeconomics	3
ACC-104	Financial Accounting	3	CSC-214	Visual Basic II	3
CSC-101	Computer Literacy ¹ or		CIS-210	Information Systems Concepts ²	3
CIS-101	Personal Computer Applications or		LAW-101	Legal Environment/Business Law I	3
CIS-206	Advanced Computer Concepts and Applications	3	SPE-102	Public Speaking	3
MGT-101	Introduction to Business	3			15
MTH-100	Algebraic Concepts	4			
		16	Second Year/Second Semester		
First Year/Second Semester			ECO-102	Microeconomics	3
ENG-102	English Composition II	3	HIS-101	World Civilization I or	
ACC-105	Managerial Accounting	3	HIS-102	World Civilization II or	
CSC-111	Introduction to Programming	3	HIS-103	World Civilization III	3
CIS-237	Relational Database Concepts ²	3	CIS -231	System Analysis and Design ³	3
MTH-114	College Algebra	3	MKT-101	Principles of Marketing	3
		15	Laboratory Science General Education Elective	4
					16
			Total Minimum Credits		62

¹CSC-101 is a pre-requisite for CIS-206

² Only offered during the fall semester

³ Only offered during the spring semester.

PROGRAM DESCRIPTION

The Associate in Science transfer program is designed to provide the first two years of a Bachelor of Science degree in Information Systems. This forward-thinking program offers a solid background in liberal arts and sciences as well as the skills and knowledge needed to design, create, manage, and effectively use modern information systems. The information systems curriculum has no single application focus. It is directed to the art and science of managing information in all application environments. Students learn how to determine information needs, design appropriate information systems, manage those systems, and measure the systems' performance. The emphasis is on the users of computers, and on building professional-level information systems skills.

PROGRAM GOALS

- To provide the students with the necessary foundation to transfer to a baccalaureate degree in the computer field.
- To qualify students for entry level employment in the field of computer hardware, programming, software applications in the business, education, and library science environment in both public and private industry
- To empower the students to design information systems solutions to improve the business environment.
- To provide the students with the business, accounting, programming, software and systems knowledge to operate effectively in a business computing environment.
- To provide students with a General Education foundation.

PROGRAM STUDENT LEARNING OUTCOMES

- Upon completion of this program, the graduate will be able to:
1. Execute the fundamental skills of business, programming, system software and application software in a business computing environment.
 2. Apply analysis and design to implement system change in a business environment.
 3. Communicate effectively within an organization information systems solutions using both verbal and written communication.
 4. Work productively as team member as well as independently.
 5. Demonstrate professionalism and ethical behavior.
 6. Adapt to emerging technologies and new environments.

EMPLOYMENT OPPORTUNITIES

MIS graduates can find career opportunities wherever computers are used in business, industry, education, library, research and government. Here are just a few examples:

- Application software support
- Business application developer
- Business decision support specialist
- Chief Information Officer
- Computer support specialist
- Data warehousing/mining
- Database manager/administrator
- Help desk
- Human computer interaction specialist
- Internet/intranet manager
- IS/IT manager
- Management analyst
- Management consultant
- Operations research analyst
- Systems analyst

TRANSFER OPPORTUNITIES

Students in this program may transfer to many institutions including:

- Rowan University
- Rutgers University
- Temple University
- Wilmington University

CONTACT PERSON

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