

Associate in Arts Pathway to a major in Computer Information Systems (IT option) (10702)



Areas of Specialization

- Information Technology
- Computer Support
- Operating Systems and Networks
- Software Applications

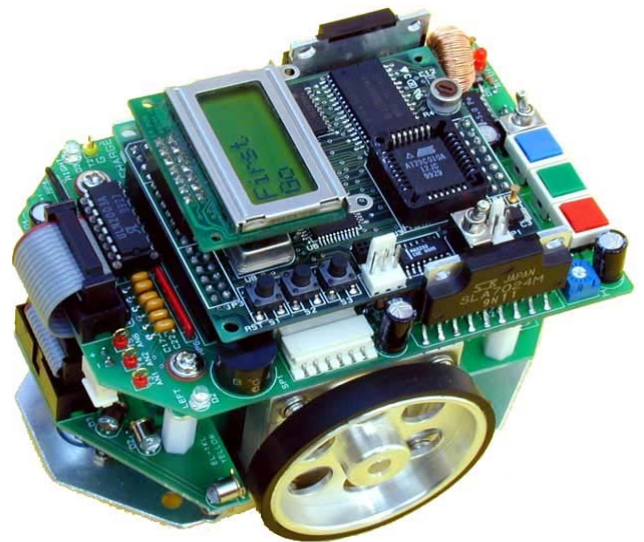
What can I do with this degree

IT degree professionals, complement their technical knowledge with communication and business skills and can find careers for themselves in almost any sector of society. IT majors can find positions as technical administrators and positions within organizations as computer support employees, as well as non-technical jobs in product support, sales and marketing.

An advanced degree qualifies a computer scientist to work in a research lab or for a consulting firm. It qualifies him or her to teach at the college and university level as well.

About the Major

The Computer Information Systems program IT option provides an emphasis on the applied technologies required to transfer to a BS-IT or BS-IST major. IT degree professionals are needed to design, run, and maintain the technology that allows the systems in most industries to function successfully. The program focuses on troubleshooting software, hardware, and network problems, as well as, the knowledge and technical skills required to properly analyze, design, implement, and support information technology (IT) solutions in a variety of business settings. It's an ideal program for creative problem-solvers who love to work with technology.



A.A. Pathway to a major in CIS – IT option 10702

Total credits required for the degree is 60.

Computer Information Systems is a more business-oriented program than Computer Science. In addition to courses in programming and applications, the program provides a thorough grounding in accounting, and economics. Computer information systems majors complement their technical knowledge with communication and business skills, can find careers for themselves in almost any sector of society.

Course Course Title Credits

GENERAL EDUCATION REQUIREMENTS - 40 credits required

Course	Course Title	Credits
ENC 1101	English Composition 1	3
ENC 1102	English Composition 2	3
SPC 1017	Fundamental of Speech Communication	3
PHI 2604	Critical Thinking/Ethics	3
Humanities Group B Elective		3
CLP 1006	Psychology of Personal Effectiveness	3
ECO 2013	Economics—Macro	3
MAC 1105	College Algebra	3
STA2023	Statistical Methods	3
Natural Science (Physical Science) and Lab		4
Natural Science (Life Science)		3
MAC 1140	Pre-Calculus Algebra **	3
MAD 1100	Discrete Mathematics **	3
OR		
MAD 2104	Discrete Mathematics **	3

Computer Competency (0 credit)

CGS1060	Intro to Microcomputer Usage	0
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MAJOR REQUIREMENTS – 20 credits required

CGS 1060	Intro to Microcomputer Usage	4
CTS 1134	Networking Technologies	4
COP 1334	Intro to C++ Programming	4
COP 2800	Java Programming	4
COP 2805	Advanced Java Programming	4

** Required to transfer to FIU IT degree

Requirement Note:

Student must attempt CGS1060 by the sixteen Earned College-Level Credit.

NEW Bachelor of Science in Information Systems Technology Requirements:

ECO 2013, STA 2023, CGS 1060, CGS 1540, COP 1334, and either CTS 1134 or CTS 1650 are pre-requisites for the MDC **BS-IST**.

This suggested schedule is only one possible method to complete your degree requirements. It is highly recommended that you seek the advice of a department advisor and/or faculty member.

First Term

13 Credits

CGS1060	Introduction to Microcomputer Usage	4
ENC1101	English Composition 1	3
MAC 1105	College Algebra	3
Natural Science (Life Science)		3

Second Term

13 Credits

CTS1134	Networking Technologies	4
ENC1102	English Composition 2	3
PHI2604	Critical Thinking/Ethics	3
STA2023	Statistical Methods	3

Third Term

14 Credits

COP1334	Intro to C++ Programming	4
CLP1006	Psychology of Personal Effectiveness	3
SPC1017	Fundamentals of Speech Communication	3
Natural Science (Physical Science) and Lab		4

Fourth Term

13 Credits

MAC1140	Pre-Calculus Algebra	3
COP2800	Java Programming	4
ECO2013	Economics—Macro	3
Humanities Group B elective		3

Fifth Term

7 Credits

COP2805	Advanced Java Programming	4
MAD1100	Discrete Mathematics **	3
OR		
MAD2104	Discrete Mathematics **	

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