Associate of Science in Computer Information Technology - 2149A
Data Management & Analysis

Career Pathway: Science, Technology, Engineering, and Math (STEM)

Location(s): Courses for this program are offered at all BC locations.

Program Entrance Requirements: HS Diploma or GED

Program Description: The Computer Information Technology – Data management & Analysis Associate in Science degree exposes students to applications programming, networking, systems administration, database management, information security, project management and web development. It is designed for students seeking the skills set needed to be successful in their careers in the field of information technology. Visit the program's website for more information.

Build Your Education

Information Technology Support Specialist TC1 6337 → Data Managment & Analytics TC2 6360 → Computer Information Technology AS 2149 → Applied Bachelor of Science

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1000C	STEM IT Skills and Competencies	3		
	COP1700C	Introduction to Database Design & MySQL	3		x
Term 2	COP2071C	SQL Fundamentals	4		x
	ENC1101	Composition I	3		
Term 3	CGS1510C	Excel Data Analysis	3		x
	STA2023	Statistics	3		x
Term 4	CTS1133C	A+ Comprehensive	4	x	
	CIS1513C	Project Management and Project+	4	x	
Term 5	CTS1134C	Network+	4	x	
	ISM3013C	Information Systems Management	3		
Term 6	CAP2760C	Intro to Data Analytics	3		x
	COP1000C	Introduction to Programming	3	x	
Term 7	ISM2410C	Analyzing and Visualizing Data with Power BI	4		x
	ISM3139C	Advanced Data Visualization with Excel	4		
Term 8	EVR1001	Environmental Science (Recommended)	3		
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 9	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
	Elective	Math, Internship or IT Elective#	3	x	
Total Program Credit Hours			60	18	20

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. # - Any course with a computing prefix. E – identifies an elective course for the certificate, any IT course can be used to fulfill this requirement. MAC1105C is a 5 credit course. Students who register for this course must see an advisor to discuss their academic plan.

These are only recommended course sequences.
Students are strongly encouraged to meet with an advisor to create a personalized educational plan.

Program Highlights

Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment
- And much more…

Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
- CompTIA Network+
- CIW Database Design
- CIW Data Analyst
- CompTIA Project+
- Microsoft MCSA BI Reporting

Get Career Ready: After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

Get an Internship   **Virtual Job Shadow Tool**

Median Wage and Job Growth Outlook: Broward College has Career Coach & the Career Ladders. These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder.

Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available. This program is part of the Career Source Broward ITA List

---

Associate of Science in Computer Information Technology – 2149B
Information Technology

Career Pathway: Science, Technology, Engineering, and Math (STEM)

Location(s): Courses for this program are offered at all BC locations.

Program Entrance Requirements: HS Diploma or GED

Program Description: The Computer Information Technology- Information Technology Associate in Science degree exposes students to applications programming, networking, systems administration, database management, information security, project management and web development. It is designed for students seeking the skills set needed to be successful in their careers in the field of information technology. Visit the program's website for more information.

Build Your Education

| Information Technology Support Specialist TC1 6337 | Information Technology Analyst TC2 6338 | Computer Information Technology AS 2149 | Applied Bachelor of Science |

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1000C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	x
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	x
Term 3	CTS1134C	Network+	4	x	x
	CTS2375C	Cloud+	3		x
Term 4	CIS1513C	Project Management and Project+	4	x	x
	MATH	General Education Math*	3		
Term 5	CTS1111C	Linux+	4		
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	COP1700C	Introduction to Database Design & MySQL	3		x
	CTS2120C	Security+	4		
Term 7	CTS2376C	Managing MS Office 366	3		
	CTS2377C	Enabling MS Office 366	4		
Term 8	EVR1001	Environmental Science (Recommended)	3		
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	ELECTIVE	Math, Internship or IT Elective #	3	x	x
	ISM3013C	Information Systems Management	3		x
Total Program Credit Hours			**60**	**18**	**27**

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. *MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan. # - Any course with a computing prefix. E – identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

These are only <u>recommended</u> course sequences.
Students are strongly encouraged to meet with an advisor to create a personalized educational plan.

Program Highlights

Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment
- And much more…

Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- CompTIA Project+
- CIW Database Design
- Microsoft MCSA

Get Career Ready: After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

Get an Internship   **Virtual Job Shadow Tool**

Median Wage and Job Growth Outlook: Broward College has Career Coach & the Career Ladders. These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder.

Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available. This program is part of the Career Source Broward ITA List

---

Associate of Science in Computer Information Technology – 2149D
Geographic Information Systems

Career Pathway: Science, Technology, Engineering, and Math (STEM)

Location(s): Courses for this program are offered at all BC locations.

Program Entrance Requirements: HS Diploma or GED

Program Description: The Computer Information Technology – Geographic Information systems Associate in Science degree exposes students to applications programming, networking, systems administration, database management, information security, project management and web development. It is designed for students seeking the skills set needed to be successful in their careers in the field of information technology. Visit the program's website for more information.

Build Your Education

Information Technology Support Specialist TC1 6337 → GIS Specialist TC2 6340 → Computer Information Technology AS 2149 → Applied Bachelor of Science

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1000C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	
Term 3	CGS1510C	Excel Data Analysis	3		x
	CTS1134C	Network+	4	x	
Term 4	GIS1000	Mapping	3		x
	MATH	General Education Math*	3		
Term 5	GIS1040C	Introduction to GIS I	3		x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	CIS1513C	Project Management and Project+	4	x	
	COP1700C	Introduction to Database Design & MySQL	3		x
Term 7	GIS1042C	Introduction to GIS II	3		x
	EVR1001	Environmental Science (Recommended)	3		
Term 8	GIS1030	Remote Sensing Applications	3		
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	GIS1047C	Applications for GIS	3		x
	ELECTIVE	Math, Internship or IT Elective #	3	x	
	ISM3013C	Information Systems Management	3		x
Total Program Credit Hours			60	18	21

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. *MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan. # - Any course with a computing prefix. E – identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

These are only <u>recommended</u> course sequences.
Students are strongly encouraged to meet with an advisor to create a personalized educational plan

Program Highlights

Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment
- And much more…

Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- CIW Database Design

Get Career Ready: After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

Get an Internship   Virtual Job Shadow Tool

Median Wage and Job Growth Outlook: Broward College has Career Coach & the Career Ladders. These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder.

Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available. This program is part of the Career Source Broward ITA List

Associate of Science in Computer Information Technology – 2149F
Entrepreneurship

Career Pathway: Science, Technology, Engineering, and Math (STEM)

Location(s): Courses for this program are offered at all BC locations.

Program Entrance Requirements: HS Diploma or GED

Program Description: The Computer Information Technology – Geographic Information systems Associate in Science degree exposes students to applications programming, networking, systems administration, database management, information security, project management and web development. It is designed for students seeking the skills set needed to be successful in their careers in the field of information technology. Visit the program's website for more information.

Build Your Education

Information Technology Support Specialist TC1 6337 → Entrepreneurship TC2 6311 → Computer Information Technology AS 2149 → Applied Bachelor of Science

Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	ISM1000C	STEM IT Skills and Competencies	3		
	COP1000C	Introduction to Programming	3	x	
Term 2	ENC1101	Composition I	3		
	CTS1133C	A+ Comprehensive	4	x	
Term 3	CGS1510C	Excel Data Analysis	3		
	CTS1134C	Network+	4	x	
Term 4	CIS1513C	Project Management and Project +	4	x	
	MATH	General Education Math*	3		
Term 5	APA1111C	Introduction to Accounting	3		x
	PHI2010 or THE2000	Introduction to Philosophy or Theatre Appreciation (Recommended)	3		
Term 6	GEB1011	Introduction to Business	3		x
	COP1700C	Introduction to Database Design & MySQL	3		
Term 7	MAR1011	Principles of Marketing	3		x
	EVR1001	Environmental Science (Recommended)	3		
Term 8	GEB2112	Entrepreneurship	3		x
	ECO2013 or POS2041	Principles of Macroeconomics (Recommended) or National Government	3		
Term 9	ISM3013C	Information Systems Management	3		
	ELECTIVE	Math, Internship or IT Elective #	3	x	
	CIS 2910C	Capstone	3		
Total Program Credit Hours			60	18	12

Notes: Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. Students should complete all Core Computing Requirements before completing specialization courses. *MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan. # - Any course with a computing prefix. E – identifies an elective course for the certificate, any IT course can be used to fulfill this requirement.

These are only <u>recommended</u> course sequences.
Students are strongly encouraged to meet with an advisor to create a personalized educational plan

Program Highlights

Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
- Earned Industry certifications
- Prior Learning Assessment
- And much more…

Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CompTIA A+
- CompTIA Network+
- CompTIA Project+
- CIW Database Design

Get Career Ready: After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

Get an Internship   **Virtual Job Shadow Tool**

Median Wage and Job Growth Outlook: Broward College has Career Coach & the Career Ladders. These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder.

Fund Your Education:
This Program is Financial Aid eligible. Scholarships may be available. This program is part of the Career Source Broward ITA List

---