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 Management & Analytics (TC2) 6360 → Computer Information Technology AS 2149 → Bachelor of Applied Science

Full Time	Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	Term 1	ISM1000C **OR** GE Course	STEM IT Skills and Competencies **OR** General Education Speech	3		
		COP1700C	Introduction to Database Design & MySQL	3		x
	Term 2	COP2071C	SQL Fundamentals	4		x
		ENC1101	Composition I	3		
Term 2	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 3	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 4	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 5	Term 9	ECO2013 **OR** POS2041	Principles of Macroeconomics (Recommended) **OR** National Government	3		
		Elective	Math **OR** 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.

*This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan

CHOOSE YOUR COURSES

BROWARD COLLEGE®

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 AN INTERNSHIP

Completion of the degree requires PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science concentration. 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!

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

GET STARTED TODAY!

START APPLICATION

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 specific courses may vary by Campus. Please consult the course schedule semester for 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 (TC3) 6338 › Computer Information Technology AS 2149 › Applied Bachelor of Science

Full Time	Part Time	Course ID	Description	Credits	TC1	TC3
Term 1	Term 1	ISM1000C OR GE Course	STEM IT Skills and Competencies OR General Education Speech	3		
		COP1000C	Introduction to Programming	3	x	x
	Term 2	ENC1101	Composition I	3		
		CTS1133C	A+ Comprehensive	4	x	x
Term 2	Term 3	CTS1134C	Network+	4	x	x
		CTS2375C	Cloud+	3		
	Term 4	CIS1513C	Project Management and Project+	4	x	x
		GE Course	General Education Math*	3		
Term 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 4	Term 7	CTS2376C	Microsoft 365 Identity & Services	3		x
		CTS2377C	Microsoft 365 Mobility & Security	4		x
	Term 8	EVR1001	Environmental Science (Recommended)	3		
		ECO2013 OR POS2041	Principles of Macroeconomics (Recommended) OR National Government	3		
Term 5	Term 9	ELECTIVE	Math OR Internship OR IT Elective #	3	x	x
		ISM3013C	Information Systems Management	3		
	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 recommended course sequences.
Students are strongly encouraged to meet with an advisor to create a personalized educational plan.

CHOOSE YOUR COURSES

CREDIT FOR PRIOR LEARNING

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- 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 AN INTERNSHIP

Completion of the degree requires PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science concentration. 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!

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FUND YOUR EDUCATION

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

GET STARTED TODAY!

START APPLICATION

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 specific courses may vary by Campus. Please consult the course schedule semester for 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 > GIS Specialist (TC4) 6361 > Computer Information Technology AS 2149 > Applied Bachelor of Science

Full Time	Part Time	Course ID	Description	Credits	TC1	TC4
Term 1	Term 1	ISM1000C **OR** GE Course	STEM IT Skills and Competencies **OR** General Education Speech	3		
		COP1000C	Introduction to Programming	3	x	
	Term 2	ENC1101	Composition I	3		
		CTS1133C	A+ Comprehensive	4	x	
Term 2	Term 3	CGS1510C	Excel Data Analysis	3		x
		CTS1134C	Network+	4	x	
	Term 4	GIS1000	Mapping	3		x
		GE Course	General Education Math*	3		
Term 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
Tern 4	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 5	Term 9	GIS1047C	Applications for GIS	3		x
		ELECTIVE	Math **OR** 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.

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- 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 Data Analyst
- CIW Database Design

GET AN INTERNSHIP

Completion of the degree requires PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science concentration. 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!

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FUND YOUR EDUCATION

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GET STARTED TODAY!

START APPLICATION

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- 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 > Entrepreneurship (TC5) 6311 > Computer Information Technology AS 2149 > Applied Bachelor of Science

Full Time	Part Time	Course ID	Description	Credits	TC1	TC5
Term 1	Term 1	ISM1000C **OR** GE Course	STEM IT Skills and Competencies **OR** General Education Speech	3		
		COP1000C	Introduction to Programming	3	x	
	Term 2	ENC1101	Composition I	3		
		CTS1133C	A+ Comprehensive	4	x	
Term 2	Term 3	CGS1510C	Excel Data Analysis	3		
		CTS1134C	Network+	4	x	
	Term 4	CIS1513C	Project Management and Project +	4	x	
		GE Course	General Education Math*	3		
Term 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 4	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 5	Term 9	ISM3013C	Information Systems Management	3		
		ELECTIVE	Math **OR** 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.

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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 AN INTERNSHIP

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