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

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<th>Data Management &amp; Analytics (TC2) 6360</th>
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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.
**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

[Social Media Icons]
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

Full Time | Part Time | Course ID | Description | Credits | TC1 | TC3
--- | --- | --- | --- | --- | --- | ---
Term 1 | | ISM1000C | OR STEM IT Skills and Competencies OR General Education Speech Introduction to Programming | 3 | x | x
| | COP1000C | | | 3 | x | x
| | ENC1101 | Composition I | | 3 | x | x
| | CTS1133C | A+ Comprehensive | | 4 | x | x
| Term 2 | | CTS1134C | Network+ | 4 | x | x
| | CTS2375C | Cloud+ | | 3 |
| | CIS1513C | Project Management and Project+ General Education Math* | | 4 | x | x
| | GE Course | | | 3 |
| Term 3 | | CTS1111C | Linux+ | 4 | x | x
| | PHI2010 | OR Introduction to Philosophy OR Theatre Appreciation (Recommended) | | 3 |
| | THE2000 | | | |
| | COP1700C | Introduction to Database Design & MySQL Security+ | | 3 | x | x
| | CTS2120C | | | 4 |
| Term 4 | | EVR1001 | Microsoft 365 Identity & Services | 3 | x | x
| | ECO2013 | Microsoft 365 Mobility & Security | | 4 | x | x
| | POS2041 | Environmental Science (Recommended) Principles of Macroeconomics (Recommended) OR National Government | | 3 |
| | ELECTIVE | Math OR Internship OR IT Elective # Information Systems Management | | 3 | x | x
| | ISM3013C | | | 3 |

Total Program Credit Hours: 60

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
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 Data Analyst
• CompTIA Project+
• CIW Database Design
• 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 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 – 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

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Full Time Part Time Course ID Description Credits TC1 TC4

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 3 CGS1510C Excel Data Analysis 3 x
CTS1134C Network+ 4 x

Term 4 GIS1000 Mapping 3
GE Course 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 OR EVR1001 Introduction to GIS II Environmental Science (Recommended) 3 x

Term 8 GIS1030 OR ECO2013 OR POS2041 Remote Sensing Applications Principles of Macroeconomics (Recommended) OR National Government 3

Term 9 GIS1047C OR ELECTIVE Applications for GIS 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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CHOOSE YOUR COURSES
PROGRAM HIGHLIGHTS

CREDIT FOR PRIOR LEARNING
Accelerate your path to completion with these options:
- Credit by exam
- Prior Learning Assessment
- Earned industry certifications
- 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
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GET STARTED TODAY!
START APPLICATION

BROWARD COLLEGE
COLLEGE CATALOG 2021-2022
BROWARD.EDU
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

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<td>Introduction to Database Design &amp; MySQL</td>
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<td>MAR1011</td>
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Program Highlights

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- Prior Learning Assessment
- And much more…

Related Industry Certifications
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- CompTIA Project
- CIW Database Design

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