



Bachelor of Applied Science in Information Technology – T300A

Microsoft Systems Administration

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 Description: The Bachelor of Applied Science Degree in Information Technology Microsoft Systems Administration provides individuals who hold an Associate degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology Professionals and Leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology.

Program Entrance Requirements: Minimum AA, AS or AAS degree (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with 60 credit hours but not holding a degree may be admitted to the program upon approval of the Associate Dean or Dean if the AS General Education requirements have been satisfied and all other criteria are met.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program. You can complete the application online [here](#).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog. You can find further information on the foreign language requirement [here](#).

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Competency: Once admitted, students must complete 18 credits of pre-requisites during their first semesters. Pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits	ATC1	ATC3
CTS1133C	A+ Comprehensive	4	X	X
CTS1134C	Network+	4	X	X
CIS1513C	Project Management	4	X	
CTS1390C	Installation, Storage, & Compute with Windows Server	3		X
ISM3013C	Information Systems Management	3		

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.S. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC3
Term 1	Term 1	GE Course	General Education Communication (Core)	3		
		ISM3212C	Database Management	3	X	
	Term 2	ISM3054C	Web Systems and Technologies	3	X	
		GE Course	General Education Speech	3		
Term 2	Term 3	CIS3361C	CySA+	3	X	
		ISM3314C	Applied Project Management	3	X	
	Term 4	CTS1111C	Linux+	4		X
		GE Course	General Education Science (Core)	3		
Term 3	Term 5	ISM3013C	Information Systems Management	3	X	
		GE Course	General Education Course	3		
	Term 6	CTS2391C	Networking with Windows Server	3	X	X
		CTS2389C	Identity with Windows Server	3		X
Term 4	Term 7	CTS3357C	Designing & Implementing Server Infrastructure	3		X
		CTS3350C	Implementing Advanced Server Infrastructure	3		X
	Term 8	CTS4338C	Designing & Deploying Exchange Server	4		X
		GE Course	General Education Humanities (Core)	3		
Term 5	Term 9	CTS4348C	Red Hat Linux Automation with Ansible	4		
		GE Course	General Education Mathematics (Core)	3		
	Term 10	GE Course	General Education Social/Behavioral Science (Core)	3		
Total Program Credit Hours				60	30	31

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	ISM3545C	Data Analytics Technologies	3
CNT4422C	Cloud Security (CCSP)	3	ISM4318C	Agile Project Management	4
CTS2120C	Security+	4	ISM4547C	Data Analytics Management	3
CTS2375C	Cloud+	3	MGF1107	Survey of Mathematics	3
CTS3870C	Server-Side Scripting	3	CTS3859C	CIW E-Commerce	4

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.A. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC3
	Term 1	CTS1133C	A+ Comprehensive	4	X	X
		CTS1134C	Network+	4	X	X
Term 1		CIS1513C	Project Management	4	X	
	Term 2	ISM3013C	Information Systems Management	3	X	
		ISM3212C	Database Management	3	X	
	Term 3	ISM3054C	Web Systems and Technologies	3	X	
		CIS3361C	CySA+	3	X	
Term 2		ISM3314C	Applied Project Management	3	X	
	Term 4	CTS2375C	Cloud+	3		
		CTS1111C	Linux+	4		X
	Term 5	CTS1390C	Installation, Storage, & Compute with Windows Server	3		X
Term 3		CTS2391C	Networking with Windows Server	3	X	X
	Term 6	CTS2389C	Identity with Windows Server	3		X
		CTS3357C	Designing & Implementing Server Infrastructure	3		X
	Term 7	CTS3350C	Implementing Advanced Server Infrastructure	3		X
		CTS4338C	Designing & Deploying Exchange Server	4		X
Term 4		CTS4348C	Red Hat Linux Automation with Ansible	4		
	Term 8	UL Elective	Internship OR IT Elective	3		
Total Program Credit Hours				60	30	31

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	ISM3545C	Data Analytics Technologies	3
CNT4422C	Cloud Security (CCSP)	3	ISM4318C	Agile Project Management	4
CTS2120C	Security+	4	ISM4547C	Data Analytics Management	3
CTS3870C	Server-Side Scripting	3	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022
B R O W A R D . E D U



Bachelor of Applied Science in Information Technology – T300C Cybersecurity and Ethical Hacking

Career Pathway: [Science, Technology, Engineering, and Math \(STEM\)](#)

Location(s): [Courses for this program are not offered at all BC locations.](#) Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

Program Description: The Bachelor of Applied Science Degree in Information Technology – Cybersecurity and Ethical Hacking provides individuals who hold an Associate degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology Professionals and Leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology.

Program Entrance Requirements: Minimum AA, AS or AAS degree (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with 60 credit hours but not holding a degree may be admitted to the program upon approval of the Associate Dean or Dean if the AS General Education requirements have been satisfied and all other criteria are met.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found [here](#).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog. You can find further information on the foreign language requirement [here](#).

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Competency: Once admitted, students must complete 12 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

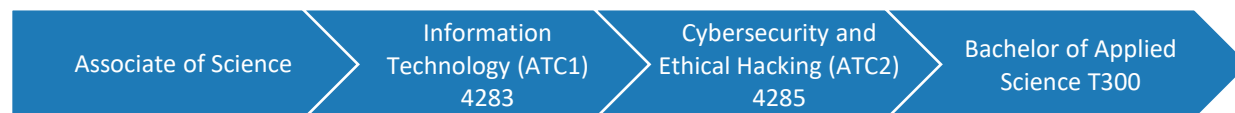
Course ID	Description	Credits	ATC1	ATC2
CIS1513C	Project Management	4	X	
CTS2120C	Security+	4	X	X
CTS1661C	Cisco CCNA1	4	X	X

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022
B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.S. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC2
Term 1	Term 1	ISM3013C	Information Systems Management	3	X	
		GE Course	General Education Communication (Core)	3		
	Term 2	ISM3054C	Web Systems and Technologies	3	X	
		GE Course	General Education Speech	3		
Term 2	Term 3	CTS2662C	Cisco CCNA2	4		X
		CTS2663C	Cisco CCNA3	4		X
	Term 4	CET2688C	System Security Practitioner (SSCP)	4		X
		GE Course	General Education Course	3		
Term 3	Term 5	CIS3361C	CySA+	3	X	X
		GE Course	General Education Science (Core)	3		
	Term 6	ISM3212C	Database Management	3	X	
		CTS3128C	CISSP	4		X
Term 4	Term 7	Math	General Education Mathematics (Core)	3		
		GE Course	General Education Humanities (Core)	3		
	Term 8	CIS3204C	Foundations of Ethical Hacking	4		X
		CIS4935C	Certified Ethical Hacker	4		X
Term 5	Term 9	ISM3314C	Applied Project Management	3	X	
		GE Course	General Education Social/Behavioral Science (Core)	3		
Total Program Credit Hours				60	27	35

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CNT4422C	Cloud Security (CCSP)	3	ISM3545C	Data Analytics Technologies	3
CTS1111C	Linux+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3870C	Server-Side Scripting	3	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022
B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.A. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC2
Term 1	Term 1	CIS1513C	Project Management	4	X	
		CTS1661C	Cisco CCNA1	4	X	X
	Term 2	ISM3013C	Information Systems Management	3	X	
		ISM3054C	Web Systems and Technologies	3	X	
Term 2	Term 3	COP1700C	Introduction to Database and MySQL	3	X	
		CTS2120C	Security+	4	X	X
	Term 4	CIS3361C	CySA+	3	X	X
		ISM3314C	Applied Project Management	3	X	
Term 3	Term 5	CET2688C	System Security Practitioner (SSCP)	4		X
		CTS2662C	Cisco CCNA2	4		X
	Term 6	CTS2663C	Cisco CCNA3	4		X
		ISM3212C	Database Management	3	X	
Term 4	Term 7	UL Elective	Internship or IT Elective	3		
		CTS3128C	CISSP	4		X
	Term 8	UL Elective	Internship or IT Elective	3		
		CIS3204C	Foundations of Ethical Hacking	4		X
Term 5	Term 9	CIS4935C	Certified Ethical Hacking	4		X
Total Program Credit Hours				60	30	35

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CNT4422C	Cloud Security (CCSP)	3	ISM3545C	Data Analytics Technologies	3
CTS1111C	Linux+	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3870C	Server-Side Scripting	3	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



Bachelor of Applied Science in Information Technology – T300D

Web Development

Career Pathway: [Science, Technology, Engineering, and Math \(STEM\)](#)

Location(s): [Courses for this program are not offered at all BC locations.](#) Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

Program Description: The Bachelor of Applied Science Degree in Information Technology – Web Development provides individuals who hold an Associate degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology Professionals and Leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology.

Program Entrance Requirements: Minimum AA, AS or AAS degree (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with 60 credit hours but not holding a degree may be admitted to the program upon approval of the Associate Dean or Dean if the AS General Education requirements have been satisfied and all other criteria are met.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found [here](#).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog. You can find further information on the foreign language requirement [here](#).

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Competency: Once admitted, students must complete 18 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits	ATC1	ATC2
COP1000C	Introduction to Programming	3		
CIS1513C	Project Management	4		
CTS1855C	Web Authoring 1	4		
CTS2852C	Client-Side Scripting	4	X	X
ISM3013C	Information Systems Management	3	X	

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.S. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC5
Term 1	Term 1	ISM3212C	Database Management	3	X	X
		GE Course	General Education Communication (Core)	3		
	Term 2	ISM3054C	Web Systems and Technologies	3	X	X
		GE Course	General Education Speech	3		
Term 2	Term 3	CIS3361C	CySA+	3	X	
		ISM3314C	Applied Project Management	3	X	
	Term 4	CTS3870C	Server-Side Scripting	4	X	X
		GE Course	General Education Science (Core)	3		
Term 3	Term 5	COP4111C	Intermediate Scripting	4	X	
		GE Course	General Education Course	3		
	Term 6	CTS3859C	CIW E-Commerce	4		
		COP3808C	Web Development I	3		X
Term 4	Term 7	COP3809C	Web Development II	3		X
		COP4370C	Web Development III	3		X
	Term 8	COP4450C	Web Development IV	3		X
		GE Course	General Education Humanities (Core)	3		
Term 5	Term 9	GE Course	General Education Mathematics (Core)	3		
		UL Elective	Internship or IT Elective	3	X	X
	Term 10	GE Course	General Education Social/Behavioral Science (Core)	3		
Total Program Credit Hours				60	30	29

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CNT4422C	Cloud Security (CCSP)	3	ISM3545C	Data Analytics Technologies	3
CTS1111C	Linux+	4	ISM4318C	Agile Project Management	4
CTS2120C	Security +	4	ISM4547C	Data Analytics Management	3
CTS2375C	Cloud+	3	MGF1107	Survey of Mathematics	3
CTS1134C	Network +	4	ISM4940	Project Management Internship	3
CTS1133C	A+ Comprehensive	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.A. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC5
Term 1	Term 1	COP1000C	Introduction to Programming	3	X	
		CTS1855C	Web Authoring 1	4	X	
	Term 2	CIS1513C	Project Management	4		
		CTS2852C	Client-Side Scripting	4	X	X
Term 2	Term 3	COP1700C	Introduction to Database Design & MySQL	3		
		ISM3013C	Information Systems Management	3	X	
	Term 4	ISM3054C	Web Systems and Technologies	3	X	X
		ISM3212C	Database Management	3	X	X
Term 3	Term 5	CIS3361C	CySA+	3	X	
		ISM3314C	Applied Project Management	3	X	
	Term 6	CTS3870C	Server-Side Scripting	4	X	X
		COP4111C	Intermediate Scripting	4		
Term 4	Term 7	CTS3859C	CIW E-Commerce	4		
		COP3808C	Web Development I	3		X
	Term 8	COP3809C	Web Development II	3		X
		COP4370C	Web Development III	3		X
Term 5	Term 9	COP4450C	Web Development IV	3		X
		UL Elective	Internship or IT Elective	3		X
Total Program Credit Hours				60	30	29

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CNT4422C	Cloud Security (CCSP)	3	ISM3545C	Data Analytics Technologies	3
CTS1111C	Linux+	4	ISM4318C	Agile Project Management	4
CTS2120C	Security +	4	ISM4547C	Data Analytics Management	3
CTS2375C	Cloud+	3	MGF1107	Survey of Mathematics	3
CTS1134C	Network +	4	ISM4940	Project Management Internship	3
CTS1133C	A+ Comprehensive	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



Bachelor of Applied Science in Information Technology – T300E

Project Management

Career Pathway: [Science, Technology, Engineering, and Math \(STEM\)](#)

Location(s): [Courses for this program are not offered at all BC locations.](#) Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

Program Description: The Bachelor of Applied Science Degree in Information Technology – Project Management provides individuals who hold an Associate degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology Professionals and Leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology.

Program Entrance Requirements: Minimum AA, AS or AAS degree (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with 60 credit hours but not holding a degree may be admitted to the program upon approval of the Associate Dean or Dean if the AS General Education requirements have been satisfied and all other criteria are met.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found [here](#).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog. You can find further information on the foreign language requirement [here](#).

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Competency: Once admitted, students must complete 15 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits	ATC1	ATC2
CTS1133C	A+ Comprehensive	4		
CIS1513C	Project Management	4		X
ISM2308C	Agile Fundamentals	4		
ISM3013C	Information Systems Management	3	X	

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.S. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC4
Term 1	Term 1	ISM3212C	Database Management	3	X	
		GE Course	General Education Communication (Core)	3		
	Term 2	ISM3054C	Web Systems and Technologies	3	X	
		GE Course	General Education Speech	3		
Term 2	Term 3	CIS3361C	Cybersecurity Analyst - CySA+	3	X	
		ISM3314C	Applied Project Management	3	X	X
	Term 4	APA1111C*	Introduction to Accounting	3		X
		OR				
		ACG2001	Principles of Accounting I			
		GE Course	General Education Science (Core)	3		
Term 3	Term 5	ISM2308C	Agile Fundamentals	4	X	X
		GE Course	General Education Course	3		
	Term 6	ISM3309C	Agile Product Ownership	4	X	X
		ISM4318C	Agile Project Management	4	X	X
Term 4	Term 7	BUL3130	Business Law and Ethics	3		
		CTS1214C	Project Management Applications and Tools	3		X
	Term 8	MAN3303	Management and Leadership	3		X
		GE Course	General Education Humanities (Core)	3		
Term 5	Term 9	STA2023*	Statistics (Recommended)	3		
		OR				
		MGF1107	Survey of Mathematics			
		UL Elective	Internship OR IT Elective Recommended: ISM3545C	3	X	
	Term 10	GE Course	General Education Social/Behavioral Science (Core)	3		
Total Program Credit Hours				60	30	28

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following Recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	ISM3545C	Data Analytics Technologies	3
ETI1622	Concepts of Lean and Six Sigma	4	ISM4318C	Agile Project Management	4
CTS*, CET*, COP*, ISM*, CNT*, MNA*, GEB*, MAN*		3	ISM4547C	Data Analytics Management	3

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022
B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.A. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC4
Term 1	Term 1	CTS1133C	A+ Comprehensive	4		
		ISM2308C	Agile Fundamentals	4	X	X
	Term 2	CIS1513C	Project Management	4		X
		ISM3013C	Information Systems Management	3	X	
Term 2	Term 3	ISM3054C	Web Systems and Technologies	3	X	
		ISM3212C	Database Management	3	X	
	Term 4	ETI1622	Concepts of Lean and Six Sigma	4		
		CIS3361C	Cybersecurity Analyst - CySA+	3	X	
Term 3	Term 5	ISM3314C	Applied Project Management	3	X	X
		ISM3545C	Data Analytics Technologies	3		
	Term 6	ISM4547C	Data Analytics Management	3		
		APA1111C	Introduction to Accounting			
		<u>OR</u>	<u>OR</u>			X
		ACG2001	Principles of Accounting I	3		
Term 4	Term 7	ISM3309C	Agile Product Ownership	4	X	X
		CTS1214C	Project Management Applications and Tools	3		X
	Term 8	BUL3130	Business Law and Ethics	3		
		MAN3303	Management and Leadership	3		X
Term 5	Term 9	ISM4318C	Agile Project Management	4	X	X
		UL Elective	Internship <u>OR</u> IT Elective	3	X	
			Recommended: ISM354C			
Total Program Credit Hours				60	30	28

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022
B R O W A R D . E D U



Bachelor of Applied Science in Information Technology – T300F

Immersive Technologies

Career Pathway: [Science, Technology, Engineering, and Math \(STEM\)](#)

Location(s): [Courses for this program are not offered at all BC locations.](#) Program specific courses may vary by Campus. Please consult the course schedule semester for locations.

Program Description: The Bachelor of Applied Science Degree in Information Technology – Immersive Technologies provides individuals who hold an Associate degree the opportunity to further their education. Students completing this program will have the skills and knowledge required to become successful Information Technology Professionals and Leaders. The curriculum offers a learner-centered and practical approach to understanding and applying Computer Information Technology.

Program Entrance Requirements: Minimum AA, AS or AAS degree (from a Regionally Accredited Institution) and 2.0 out of 4.0 GPA in all previous post-secondary work. Students with 60 credit hours but not holding a degree may be admitted to the program upon approval of the Associate Dean or Dean if the AS General Education requirements have been satisfied and all other criteria are met.

Special Admissions Requirement for BAS Program: A supplemental application is required for this program will need to be completed and can be found [here](#).

Foreign Language Requirement: Students must successfully complete the foreign language requirement as prescribed in college policy and the college catalog. You can find further information on the foreign language requirement [here](#).

General Education Courses will vary based on a student's transcript. Total General Education credits must total 36 as outlined in the catalog.

Program Competency: Once admitted, students must complete 14 credits of program pre-requisites during their beginning semesters. Program pre-requisites are pre/co-requisites to all program courses.

Course ID	Description	Credits	ATC1	ATC2
CTS1855C	Web Authoring 1	4		
COP1000C	Intro to Programming	3		
CIS1513C	Project Management	4		
ISM3013C	Information Systems Management	3	X	

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.S. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC6
Term 1	Term 1	ISM3212C	Database Management	3	X	
		GE Course	General Education Communication (Core)	3		
	Term 2	ISM3054C	Web Systems and Technologies	3	X	
		GE Course	General Education Speech	3		
Term 2	Term 3	CIS3361C	CySA+	3	X	
		ISM3314C	Applied Project Management	3	X	
	Term 4	COP1334C	Intro to C++	3	X	X
		GE Course	General Education Science (Core)	3		
Term 3	Term 5	COP2335C	Intermediate C++	3	X	X
		COP2361C	Object Oriented Analysis and Design	3	X	X
	Term 6	CTS1212C	Photoshop	3	X	
		GE Math	General Education Math (MAC1114 Recommended)			
		OR	OR			
		COP2360C	C# Programming	3	X	X
Term 4	Term 7	COP3668C	Immersive Technologies 1	4		X
		COP3560C	Immersive Technologies 2	4		X
	Term 8	COP4565C	Immersive Technologies 3	4		X
		COP4850C	Immersive Technologies 4	3		X
Term 5	Term 9	GE Course	General Education Course	3		
		GE Course	General Education Humanities (Core)	3		
	Term 10	GE Course	General Education Social/Behavioral Science (Core)	3		
Total Program Credit Hours				60	30	27

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security +	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3870C	Server-Side Scripting	3	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4			

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE FOR A.A. GRADUATES

Full Time	Part Time	Course ID	Description	Credits	ATC1	ATC6
Term 1	Term 1	CTS1855C	Web Authoring 1	4		
		COP1000C	Introduction to Programming	3		
	Term 2	CIS1513C	Project Management	4		
		ISM3013C	Information Systems Management	3	X	
Term 2	Term 3	COP1334C	Introduction to C++	3	X	X
		ISM3054C	Web Systems and Technologies	3	X	
	Term 4	ISM3212C	Database Management	3	X	
		CIS3361C	CySA+	3	X	
Term 3	Term 5	COP2335C	Intermediate C++	3	X	X
		COP2361C	Object Oriented Analysis and Design	3	X	X
	Term 6	COP2360C	C# Programming	3	X	X
		CTS1212C	Photoshop	3	X	
Term 4	Term 7	COP3668C	Immersive Technologies 1	4		X
		COP3560C	Immersive Technologies 2	4		X
	Term 8	COP4565C	Immersive Technologies 3	4		X
		COP4850C	Immersive Technologies 4	3		X
Term 5	Term 9	ISM3314C	Applied Project Management	3	X	
		UL Elective	Internship OR IT Elective	4		
Total Program Credit Hours				60	30	27

Notes: Courses may have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements. 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. As courses are completed, BC Certificates listed at the top of each course sequence will be awarded accordingly. Consult with your BAS advisor for full list of details and requirements per certificate.

***RECOMMENDED COURSE ELECTIVES AS NEEDED** - Students who have completed these courses as part of an AS program, should choose from any of the following recommended electives to reach 120 credits.

Course ID	Description	Credits	Course ID	Description	Credits
CGS1510C	Excel Data Analysis	3	CTS4348C	Red Hat Linux Automation with Ansible	4
CTS1111C	Linux+	4	ISM3545C	Data Analytics Technologies	3
CTS2120C	Security +	4	ISM4318C	Agile Project Management	4
CTS2375C	Cloud+	3	ISM4547C	Data Analytics Management	3
CTS3870C	Server-Side Scripting	3	MGF1107	Survey of Mathematics	3
CTS3859C	CIW E-Commerce	4	CNT4422C	Cloud Security (CCSP)	3

CHOOSE YOUR COURSES

BROWARD COLLEGE®

COLLEGE CATALOG 2021-2022

B R O W A R D . E D U



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:

Cloud+
Project+
Security+
Network+
CySA+
Linux+
A+
SSCP
CISSP
CIW Advanced HTML
and CSS3

CIW JavaScript
CIW E-Commerce
Adobe Photoshop
PMP
ICP
PMI-ACP
CAPM
A+
ICP-APO
MTA: Windows Server Administration Fundamentals



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



BROWARD COLLEGESM

COLLEGE CATALOG 2021-2022

BROWARD.EDU

© Broward College does not discriminate on the basis of race, ethnicity, gender, national origin, religion, age, disability, marital status, sexual orientation, genetic information or other legally protected characteristics in its programs and activities.