



## Bachelor of Applied Science in Information Technology Program Code T300 (AS to BAS)

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

**Location(s):** General Education and core courses can be completed at any BC major Campus, specialization program courses are offered at the Central Campus, North Campus and Online Campus. Please consult the course schedule for specific semester locations.

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

Applicants are also required to have earned a minimum of 15 lower-level CS/IT credits from the following courses: CIS1001C, CTS1133C, CTS2131C, CTS1134C or CET1600C, and CIS1513C. Students without these pre-requisites are encouraged to complete them by enrolling in the Information Technology Support Specialist Technical Certificate (Program Code 6337). Students with alternate but related coursework may have the pre-requisites satisfied upon the recommendation of the Associate Dean or Dean.

**Program Description:** The Bachelor of Applied Science Degree in Information Technology provides individuals who hold an Associate in Science (AS) or Associate in Applied Science (AAS) degrees 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. Visit the program's [website](#) for more information.

**Additional Program Information:** This program is available to students in a face-to-face format, online format, and a highly accelerated online competency-based format. Some classes may also be available in a blended/hybrid format. Students can complete their courses using one modality (face-to-face, online, competency-based) or a combination of modalities—hybrid format.

Students possessing prior real-world experience and/or industry certification(s) may be eligible to accelerate completion through Prior Learning Assessments (PLA), and articulated certification transfer.

**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.

## Build Your Education



### BAS Program Pre-requisites: (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits
<b>Term 1</b>	<b>Term 1</b>	<i>CIS1001C</i>	<i>Fundamentals of Information Technology</i>	<b>3</b>
		<i>CTS1133C</i>	<i>A+ Essentials</i>	<b>3</b>
	<b>Term 2</b>	<i>CTS2131C</i>	<i>A+ Practical</i>	<b>3</b>
		<i>CTS1134C</i>	<i>Network+</i>	<b>3</b>
		<i>CIS1513C</i>	<i>Project Management</i>	<b>3</b>

### BAS in IT with Cloud and Virtualization Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
<b>Term 1</b>	<b>Term 1</b>	<i>CTS1145C*</i>	Cloud Essentials and Storage+	3		X	X
		<i>ISM3013C</i>	Information Systems Management	3		X	
	<b>Term 2</b>	<i>CTS2375C*</i>	Cloud+	3			X
		<i>ENC1102</i>	English Composition II (Recommended)	3			
<b>Term 2</b>	<b>Term 3</b>	<i>ISM3212C</i>	Database Management	3		X	
		<i>HLP1081</i>	Total Wellness (Recommended)	2			
	<b>Term 4</b>	<i>CNT3504C</i>	Networking	3		X	X
		<i>OCE1001</i>	Oceanography (Recommended)	3			
	<i>OCE1001L</i>	Oceanography Lab (Recommended)	1				
<b>Term 3</b>	<b>Term 5</b>	<i>ISM3054C</i>	Web Systems and Technologies	3		X	
		<i>ISM3314C</i>	Applied Project Management	3			
	<b>Term 6</b>	<i>CTS2120C*</i>	Security+	3			
		<i>CNT3014C</i>	Enterprise Systems Integration	3			
<b>Term 4</b>	<b>Term 7</b>	<i>CTS3103C</i>	Virtualization Concepts and Implementation	3			X
		<i>THE2000</i> or <i>ARH2000</i>	Theatre Appreciation or Art Appreciation (Recommended Classes)	3			
	<b>Term 8</b>	<i>CIS3347C</i>	Information Storage and Management	3			X
<i>STA2030</i> or <i>MGF1107</i>		Statistics (Recommended) or Survey of Mathematics	3				
<b>Term 5</b>	<b>Term 9</b>	<i>CTS4379C</i>	Advanced Cloud Infrastructure and Services	3			X
		<i>CNT4422C</i>	Cloud Security (CCSP)	3			
	<b>Term 10</b>	<i>SYG2000</i> or <i>PSY2012</i>	Principles of General Sociology or General Psychology (Recommended Classes)	3			
		<i>CIS4596</i>	IT Capstone	3			
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>30</b>

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

\*AA/AS students who have completed these lower-level courses as part of their initial 60 credits, may take any non- required program course(s) as electives. \*\* Students are strongly encouraged to take the Internship course in lieu of any 3-credit elective needed.

# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

**General Education and Lower Division Elective Courses will vary based on a student's transfer courses.**

This is only a **recommended** course sequence. Students are strongly encouraged to meet with a BAS [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

## Build Your Education



**BAS Program Pre-requisites:** (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits
<b>Term 1</b>	<b>Term 1</b>	<i>CIS1001C</i>	<i>Fundamentals of Information Technology</i>	<b>3</b>
		<i>CTS1133C</i>	<i>A+ Essentials</i>	<b>3</b>
	<b>Term 2</b>	<i>CTS2131C</i>	<i>A+ Practical</i>	<b>3</b>
		<i>CTS1134C</i>	<i>Network+</i>	<b>3</b>
		<i>CIS1513C</i>	<i>Project Management</i>	<b>3</b>

### BAS in IT with Cybersecurity Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2	
<b>Term 1</b>	<b>Term 1</b>	<i>CTS1145C*</i>	Cloud Essentials and Storage+	<b>3</b>		X	X	
		<i>ISM3013C</i>	Information Systems Management	<b>3</b>		X		
	<b>Term 2</b>	<i>CTS2120C*</i>	Security+	<b>3</b>			X	
		<i>ENC1102</i>	English Composition II (Recommended)	<b>3</b>				
<b>Term 2</b>	<b>Term 3</b>	<i>ISM3212C</i>	Database Management	<b>3</b>		X		
		<i>HLP1081</i>	Total Wellness (Recommended)	<b>2</b>				
	<b>Term 4</b>		<i>CNT3504C</i>	Networking	<b>3</b>		X	
			<i>OCE1001</i>	Oceanography (Recommended)	<b>3</b>			
		<i>OCE1001L</i>	Oceanography Lab (Recommended)	<b>1</b>				
<b>Term 3</b>	<b>Term 5</b>	<i>ISM3054C</i>	Web Systems and Technologies	<b>3</b>		X		
		<i>ISM3314C</i>	Applied Project Management	<b>3</b>				
	<b>Term 6</b>		<i>CET2688C*</i>	System Security Practitioner (SSCP)	<b>3</b>			
			<i>CNT3014C</i>	Enterprise Systems Integration	<b>3</b>			X
<b>Term 4</b>	<b>Term 7</b>	<i>CTS3103C</i>	Virtualization Concepts and Implementation	<b>3</b>			X	
		<i>THE2000</i> or <i>ARH2000</i>	Theatre Appreciation or Art Appreciation (Recommended Classes)	<b>3</b>				
	<b>Term 8</b>		<i>CTS3128C</i>	CISSP	<b>3</b>			X
			<i>STA2030</i> or <i>MGF1107</i>	Statistics (Recommended) or Survey of Mathematics	<b>3</b>			
<b>Term 5</b>	<b>Term 9</b>	<i>ISM4480C</i>	Secure Electronic Commerce	<b>3</b>			X	
		<i>CNT4422C</i>	Cloud Security (CCSP)	<b>3</b>				
	<b>Term 10</b>		<i>SYG2000</i> or <i>PSY2012</i>	Principles of General Sociology or General Psychology (Recommended Classes)	<b>3</b>			
			<i>CIS4596</i>	IT Capstone	<b>3</b>			
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>33</b>	

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

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# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

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**CHOOSE YOUR COURSES**

## Build Your Education



### BAS Program Pre-requisites: (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	CIS1001C	Fundamentals of Information Technology	3
		CTS1133C	A+ Essentials	3
	Term 2	CTS2131C	A+ Practical	3
		CTS1134C	Network+	3
		CIS1513C	Project Management	3

### BAS in IT with Network Administration – MCSE Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC	ATC1	ATC2
Term 1	Term 1	CTS1390C*	Installing & Configuring Windows Server	3	TC	X	X
		ISM3013C	Information Systems Management	3		X	
Term 1	Term 2	CTS1391C*	Administering Windows Server	3			X
		ENC1102	English Composition II (Recommended)	3			
Term 2	Term 3	CTS1392C*	Configuring Adv. Windows Server Services	3			X
		HLP1081	Total Wellness (Recommended)	2			
	Term 4	CNT3504C	Networking	3		X	X
		OCE1001	Oceanography (Recommended)	3			
		OCE1001L	Oceanography Lab (Recommended)	1			
Term 3	Term 5	ISM3054C	Web Systems and Technologies	3		X	
		ISM3314C	Applied Project Management	3		X	
	Term 6	ISM3212C	Database Management	3		ATC1	
CTS3360C		System Center Configuration Manager	3			X	
Term 4	Term 7	CTS3393C	Designing & Implementing Server Infrastructure	3			X
		THE2000 or ARH2000	Theatre Appreciation or Art Appreciation (Recommended Classes)	3			
	Term 8	CTS3394C	Implementing Adv. Server Infrastructure	3			
		CTS4395C	Implementing a Desktop Infrastructure	3			X
Term 5	Term 9	CTS4396C	Implementing Desktop App Environments	3			X
		STA2030 or MGF1107	Statistics (Recommended) or Survey of Mathematics	3			
	Term 10	SYG2000 or PSY2012	Principles of General Sociology or General Psychology (Recommended Classes)	3			
		CTS4339C	Microsoft Exchange Server	3			ATC2
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>33</b>

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

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# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

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CHOOSE YOUR COURSES

## Build Your Education



### BAS Program Pre-requisites: (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits
<b>Term 1</b>	<b>Term 1</b>	<i>CIS1001C</i>	<i>Fundamentals of Information Technology</i>	<b>3</b>
		<i>CTS1133C</i>	<i>A+ Essentials</i>	<b>3</b>
	<b>Term 2</b>	<i>CTS2131C</i>	<i>A+ Practical</i>	<b>3</b>
		<i>CTS1134C</i>	<i>Network+</i>	<b>3</b>
		<i>CIS1513C</i>	<i>Project Management</i>	<b>3</b>

### BAS in IT with Network Administration – CCNP Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC#	ATC1#	ATC2#	
<b>Term 1</b>	<b>Term 1</b>	<i>CET1610C*</i>	Cisco Networking II	3		X	X	
		<i>ISM3013C</i>	Information Systems Management	3		X		
<b>Term 2</b>	<b>Term 2</b>	<i>CET1615C*</i>	Cisco Networking III	3			X	
		<i>ENC1102</i>	English Composition II (Recommended)	3				
<b>Term 3</b>	<b>Term 3</b>	<i>CET1620C*</i>	Cisco Networking IV	3			X	
		<i>HLP1081</i>	Total Wellness (Recommended)	2				
	<b>Term 4</b>	<b>Term 4</b>	<i>CNT3504C</i>	Networking	3		X	X
			<i>OCE1001</i>	Oceanography (Recommended)	3			
<b>Term 5</b>	<b>Term 5</b>	<i>OCE1001L</i>	Oceanography Lab (Recommended)	1				
	<b>Term 6</b>	<i>ISM3054C</i>	Web Systems and Technologies	3		X		
			<i>ISM3314C</i>	Applied Project Management	3		X	
	<b>Term 7</b>	<i>ISM3212C</i>	Database Management	3				
	<i>CET3660C</i>	Cisco CCNA Security	3				X	
<b>Term 8</b>	<b>Term 8</b>	<i>CTS3660C</i>	CCNP Routing	3			X	
		<i>THE2000 or ARH2000</i>	Theatre Appreciation or Art Appreciation (Recommended Classes)	3				
	<b>Term 9</b>	<i>CTS4627C</i>	CCNP Switching	3			X	
<b>Term 10</b>	<b>Term 10</b>	<i>CNT3721C</i>	Virtualization Concepts and Implementation	3			X	
		<i>CTS4628C</i>	CCNP Troubleshooting	3				
		<i>STA2030 or MGF1107</i>	Statistics (Recommended) or Survey of Mathematics	3				
		<i>SYG2000 or PSY2012</i>	Principles of General Sociology or General Psychology (Recommended Classes)	3				
		<i>CIS4596</i>	IT Capstone	3				
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	<b>30</b>	

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

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# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

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**CHOOSE YOUR COURSES**

## Build Your Education



### BAS Program Pre-requisites: (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits	
<b>Term 1</b>	<b>Term 1</b>	CIS1001C	Fundamentals of Information Technology	3	
		CTS1133C	A+ Essentials	3	
	<b>Term 2</b>	<b>Term 2</b>	CTS2131C	A+ Practical	3
			CTS1134C	Network+	3
			CIS1513C	Project Management	3

### BAS in IT with Project Management Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC#	ATC#		
<b>Term 1</b>	<b>Term 1</b>	ISM3013C	Information Systems Management	3		X		
		ACG2001*	Principles of Accounting I	3				
	<b>Term 2</b>	<b>Term 2</b>	ACG2011*	Principles of Accounting II			3	
			ENC1102	English Composition II (Recommended)			3	
<b>Term 2</b>	<b>Term 3</b>	ISM3314C	Applied Project Management	3	X	X		
		HLP1081	Total Wellness (Recommended)	2				
	<b>Term 4</b>	<b>Term 4</b>	CNT3504C	Networking			3	X
			OCE1001	Oceanography (Recommended)			3	
<b>Term 3</b>	<b>Term 5</b>	OCE1001L	Oceanography Lab (Recommended)	1	X	X		
		ISM3054C	Web Systems and Technologies	3				
	<b>Term 6</b>	<b>Term 6</b>	FIN3400	Principles of Financial Management			3	
			ISM3212C	Database Management			3	
<b>Term 4</b>	<b>Term 7</b>	MAN3240	Organizational Behavior and Leadership	3	3	3		
		CIS4518C	PM Quality, Acquisitions and Risk	3				
	<b>Term 8</b>	<b>Term 8</b>	THE2000 or ARH2000	Theatre Appreciation or Art Appreciation (Recommended Classes)			3	
			MAN3310	Human Resource Management			3	
<b>Term 5</b>	<b>Term 9</b>	BUL3130	Business Law and Ethics	3	3	3		
		ISM3314C	Agile Project Management	3				
	<b>Term 10</b>	<b>Term 10</b>	STA2030 or MGF1107	Statistics (Recommended) or Survey of Mathematics			3	
			SYG2000 or PSY2012	Principles of General Sociology or General Psychology (Recommended Classes)			3	
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>		

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

\*AA/AS students who have completed these lower-level courses as part of their initial 60 credits, may take any non- required program course(s) as electives. \*\* Students are strongly encouraged to take the Internship course in lieu of any 3-credit elective needed.

# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

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**CHOOSE YOUR COURSES**

## Build Your Education



### BAS Program Pre-requisites: (IT Support Specialist Technical Certificate - Program Code 6337)

Full Time	Part Time	Course ID	Description	Credits	
<b>Term 1</b>	<b>Term 1</b>	CIS1001C	Fundamentals of Information Technology	3	
		CTS1133C	A+ Essentials	3	
	<b>Term 2</b>	<b>Term 2</b>	CTS2131C	A+ Practical	3
			CTS1134C	Network+	3
			CIS1513C	Project Management	3

### BAS in IT with Web Coding and Development Specialization – Recommended Course Sequence

Full Time	Part Time	Course ID	Description	Credits	TC	ATC	
<b>Term 1</b>	<b>Term 1</b>	ISM3013C	Information Systems Management	3		X	
	<b>Term 2</b>	<b>Term 2</b>	COP1000C or COP1210C*	Introduction to Computer Programming or Programming I		3	X
<b>Term 3</b>		ISM3314C	Applied Project Management	3		X	
<b>Term 2</b>	<b>Term 3</b>	HLP1081	Total Wellness (Recommended)	2		X	
	<b>Term 4</b>	CNT3504C	Networking	3		X	
<b>Term 3</b>	<b>Term 5</b>	OCE1001	Oceanography (Recommended)	3		X	
		OCE1001L	Oceanography Lab (Recommended)	1		X	
	<b>Term 6</b>	<b>Term 5</b>	ISM3054C	Web Systems and Technologies		3	X
		<b>Term 6</b>	CTS1806C*	Web Authoring II		3	
<b>Term 4</b>	<b>Term 7</b>	ISM3212C	Database Management	3		X	
		THE2000 or ARH2000	Theatre Appreciation or Art Appreciation (Recommended Classes)	3	X		
	<b>Term 8</b>	<b>Term 7</b>	CTS2852C*	Client-Side Scripting	3	X	
		<b>Term 8</b>	COP3125C	Web Development I	3	X	
<b>Term 5</b>	<b>Term 9</b>	COP3265C	Web Development II	3	X		
		COP4370C	Web Development III	3	X		
	<b>Term 10</b>	<b>Term 9</b>	COP4450C	Web Development IV	3	X	
		<b>Term 10</b>	COP4850C	Web Development Capstone	3	X	
		STA2023 or MGF1107	Statistics (Recommended) or Survey of Mathematics	3	X		
		SYG2000 or PSY2012	Principles of General Sociology or General Psychology (Recommended Classes)	3	X		
<b>Total Program Credit Hours</b>				<b>60</b>	<b>18</b>	<b>21</b>	

Notes: Some courses have specific pre-requisite and co-requisite requirements that must be followed. Students should consult the Course Information Table for a detailed list of all requisite requirements.

\*AA/AS students who have completed these lower-level courses as part of their initial 60 credits, may take any non- required program course(s) as electives. \*\* Students are strongly encouraged to take the Internship course in lieu of any 3-credit elective needed.

# Pre-requisites courses are a part of the Technical Certificate – 6337 and ATC listed on this program map (ISM3013 is a course substitution).

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CHOOSE YOUR COURSES



## Program Highlights

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**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:

- Cloud+
  - Security+
  - Network+
  - CCSP
  - SSCP
  - CISSP
  - MCSE
  - CCNP
- 



**Get an Internship:** 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](#)

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**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!

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**Fund Your Education:**

This Program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

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**Get Started Today!**

**START APPLICATION**

