



## Bachelor of Applied Science in Supervision and Management (BAS)

### Concentration: Business Information Technology

#### This Program Map is Part of the Business Pathway

This Program Map is for students who plan to earn a BAS degree in Supervision and Management with a Business Information Technology Concentration at Polk State College. Admission to this program requires an associate degree from a regionally accredited institution. For more information about admission criteria, [please refer to the College catalog](#). Students who are interested in earning a BAS in Supervision and Management and do not currently have an associate degree should follow the Program Map for Associate in Science (AS) in Computer Systems and Business Analysis. This Program Map is intended to serve as a guide, and students should always meet with their Student Success Advisor to develop a personalized Educational Plan.

#### Full-time Program Map for Students Entering with an AS Degree

Term	Course ID	Course Title	Credits
Term 1	GEB 3043	BAS Foundations: Strategies for Success	1 Credit
	GEB 3213	Advanced Communications in Business	3 Credits
	MAN 3240	Organizational Behavior	3 Credits
	CGS 1100	Computer Applications for Business (See Note 1)	3 Credits
	Communication	Communication General Education Course (See Note 2)	3 Credits
Term 2	MAN 3303	Management and Leadership Practices	3 Credits
	COP 1000	Introduction to Programming (See Note 1)	3 Credits
	ECO 2013, or ECO 2023	Principles of Macroeconomics (See Notes 1 and 2), or Principles of Microeconomics (See Note 1 and 2)	3 Credits
	CTS 1441	Database Fundamentals (See Note 1)	3 Credits
Term 3	CTS 2433	Programming SQL	3 Credits
	CGS 3092	Legal and Ethical Issues in Information Technology	3 Credits
	STA 2023	Introduction to Probability and Statistics (See Notes 1 and 2)	3 Credits
	Elective	Upper-Level Elective (See Note 3)	3 Credits
Term 4	QMB 3600	Quantitative Methods in Business	3 Credits
	CAP 3744	Data Visualization for Data Analysis	3 Credits
	COP 3710	Database Design and Implementations	3 Credits
	Humanities	Humanities General Education Course (See Note 2)	3 Credits
Term 5	MAN 4504	Operational Decision Making	3 Credits
	GEB 4891	Strategic Planning and Management	3 Credits
	CAP 3770	Data Mining	3 Credits
	CAP 4774	Data Warehouse Design and Creation	3 Credits
Term 6	Science	Science General Education Course	3-4 Credits
	CIS 4305	Enterprise Application Integration	3 Credits
	Civic Literacy	Civic Literary/Social Sciences General Education Course (See Note 4)	3 Credits
	CIS 4910	Capstone Experience: Business Information Technology (See Note 5 Below)	2 Credits

**Total Required Program Credit Hours: 120 (Includes Credits from AS Degree)**



### A Few Notes:

1. Program prerequisite courses include CGS 1100, STA 2023, ECO 2013 or ECO 2023, COP 1000, CTS 1441, CTS2433.
2. Students who enter with an AS degree must complete an additional 18 credit hours of General Education courses for a total of 36 credits. To learn more about General Education requirements, [please refer to the College Catalog](#).
3. Students may choose an upper-level elective course from the following approved courses: COP 3331, COP 3177, COP 3835.
4. Pursuant to Rule 6A-10.02413 of the Florida Administrative Code, all degree-seeking students must demonstrate competency in civic literacy by both passing the Florida Civic Literacy Exam and by completion of AMH 1010 (History of the United States: 1607-1877), AMH 1020 (History of the United States: 1877 to the Present) or POS 2041 (American National Government). Students may also use AP or CLEP credit for one of the three-course options.
5. Admission to CIS 4910, Capstone Experience: Business Information Technology, requires the approval of the Program Director which is contingent upon successful completion of all required program core and concentration courses.
6. Students must meet all graduation requirements, including demonstrating proficiency in a foreign language. To learn more about graduation requirements, [please refer to the College Catalog](#).

Program: U5430 – 2024-2025 Catalog Year (tentative)

### Additional Information

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#### Career Coach

Are you interested in learning more about the careers this program will prepare you for? If so, check out Career Coach. Career Coach provides information on job openings, wages, education requirements, required skills, and job postings. You can even complete a career assessment to find careers that match your interests. To learn more about the careers that this program will prepare you for, [please visit Career Coach](#).

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#### Polk State Pathways

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#### Part-time Program Map for Students Entering with an AS Degree

Term	Course ID	Course Title	Credits
Term 1	GEB 3043	BAS Foundations: Strategies for Success	1 Credit
	GEB 3213	Advanced Communications in Business	3 Credits
	CGS 1100	Computer Applications for Business (See Note 1)	3 Credits
Term 2	Communication	Communication General Education Course (See Note 2)	3 Credits
	MAN 3240	Organizational Behavior	3 Credits
Term 3	COP 1000	Introduction to Programming (See Note 1)	3 Credits
	MAN 3303	Management and Leadership Practices	3 Credits
Term 4	CGS 3092	Legal and Ethical Issues in Information Technology	3 Credits
	CTS 1441	Database Fundamentals	3 Credits
Term 5	CTS 2433	Programming SQL	3 Credits
	Elective	Upper-Level Elective (See Note 3)	3 Credits
Term 6	STA 2023	Introduction to Probability and Statistics (See Notes 1 and 2)	3 Credits
	COP 3710	Database Design and Implementations	3 Credits
Term 7	QMB 3600	Quantitative Methods in Business	3 Credits
	CAP 3744	Data Visualization for Data Analysis	3 Credits
Term 8	CAP 3770	Data Mining	3 Credits
	Science	Science General Education Course (See Note 2 Below)	3-4 Credits
Term 9	CAP 4774	Data Warehouse Design and Creation	3 Credits
	Humanities	Humanities General Education Course (See Note 2 Below)	3 Credits
Term 10	MAN 4504	Operational Decision Making	3 Credits
	ECO 2013, or	Principles of Macroeconomics (See Note 1), or	3 Credits
	ECO 2023	Principles of Microeconomics (See Note 1)	
Term 11	GEB 4891	Strategic Planning and Management	3 Credits
	CIS 4305	Enterprise Application Integration	3 Credits
Term 12	Civic Literacy	Civic Literary/Social Sciences General Education Course (See Note 4)	3 Credits
	CIS 4910	Capstone Experience: Business Information Technology (See Note 5)	2 Credits

**Total Required Program Credit Hours: 120 (Includes Credits from AS Degree)**



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