Bachelor of Applied Science

Information Systems Technology

120 Total Credit Hours



Suggested Course Sequencing Per Concentration

Programming Concentration				
First Year	First Year	Second Year	Second Year	
Fall term	Spring term	Fall Term	Spring Term	
ISM 3004 - Information	ISM 3113 - Systems Analysis	CIS 4523 - Managing IT	CIS 4891 - Capstone Project	
Resources Management for Business	and Design	Projects		
MAN 4701 - Business Ethics and Society	ISM 4323 - Information Security Policy Administration	ISM 4153 - Enterprise Information Systems	COP 3538 - Data Structures for IT	
CTS 4408 - Database Administration	COP 3655 - Application for Mobile Development	COP 3505 - Intermediate Computer Programming		
COP 3804 - Intermediate Java Programming	CEN 4330 - Advanced Database Development	COP 4807 - Web Application Programming		

Networking Concentration				
First Year	First Year	Second Year	Second Year	
Fall term	Spring term	Fall Term	Spring Term	
ISM 3004 Information	ISM 3113 Systems Analysis and	CIS 4523 Managing IT Projects	CIS 4891 Capstone Project	
Resources Management for	Design			
Business				
MAN 4701 Business Ethics and	ISM 4323 Information Security	ISM 4153 Enterprise	CNT 4524 Mobile Security	
Society	Policy Administration	Information Systems		
CTS 4408 Database	CIS 3360 Principles of Security	CNT 3504 Computer Networks		
Administration		and Distributed Processing		
CET 4505 Computer Operating	CNT 4514 Wireless Networks	CIS 3361 Information		
Systems	and Portable Devices	Technology Security		
		Management		

 $^{^{1}}$ Students who have successfully completed CGS 2108 will have met the requirement for CGS 1100.

NOTE: Course sequences provided are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as some courses require prerequisites or are not offered every term.

Residency requirement: To earn this BAS degree, students must complete a minimum of 30 credit hours of upper division coursework at FSW.

*Courses specified as Mathematics, Humanities, Natural Sciences, & Social Sciences should be selected from courses listed in the FSW College Catalog's General Education Program Guide.

Fulfillment of the Natural Sciences category includes the completion of a laboratory, either as a standalone course (courses with an "L" suffix, e.g., CHM 1045L) or combined within a course (courses with a "C" suffix, e.g., BSC 1051C).

<u>Graduation</u>: All program requirements must be met in order to be eligible for graduation. Students must indicate their intention to attend the commencement ceremony, by completing the "Commencement Form" by the published deadline. Make an appointment with a Student Success Coordinator/Advisor to ensure you are on track to graduate.

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^{**}Completion NOT required prior to BAS admission

^{***}Students must complete Florida's Foreign Language Requirement prior to the completion of the baccalaureate degree; consult SOBT Student Success Coordinator for approved lower division electives needed.

^{****}CIS 4891 Senior Capstone Project, required final course, must be taken in the last semester and must be completed at FSW. It is strongly recommended to be taken with no more than one other course from the degree core.