Salem STATE UNIVERSITY

BACHELOR OF SCIENCE
INFORMATION TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS

Competencies

☐	♦ Basic College Math
☐	♦ Reading Comprehension

♣General Education Categories - 34-35 credits

♦FYS	First Year Seminar			3	
♦W-I	Written Communication - Level I			3	
♦OC	Oral Communication			3	
PGR	Personal Growth & Responsibility			3	
CEA	Creative Expression & Appreciation			3	
WC	World Cultures			3	
HP	The Human Past			3	
CS	Contemporary Society			3	
SR	Scientific Reasoning:	♯ Any SR course		3-4	
		♯ SR Lab course		4	
QR	Quantitative Reasoning			3	

‡ Written Communication (Level II and Level III) and Diversity, Power Dynamics and Social Justice

W-II	Written Communication - Level II			☐
W-III	Written Communication - Level III			☐
DPDS	Diversity, Power Dynamics and Social Justice			☐

Free Electives (8 credits minimum)

Additional free elective credits beyond the credits listed may be required based on the use of support courses to satisfy General Education Category requirements

Minor (Optional):

COURSES IN MAJOR

Required (48 credits)

ITE	100	Fundamentals of Information Systems and Technology	3	
ITE	105	Problem Solving with Algorithms	3	
ITE	200	Computer Hardware and Software	3	
ITE	210	Introduction to Programming	4	
ITE	215	Computer Networks	4	
ITE	230	Web Systems	4	
ITE	315	Information Security	4	
ITE	320	Information Management Systems	4	
ITE	340	Human Computer Interaction	3	
ITE	350	IT System Integration, Admin, and Management	4	
ITE	410	Advanced Computer Networks	4	
ITE	420	Database Administration	4	
ITE	501	IT Capstone Project Specification	1	
ITE	505	IT Capstone Project	3	

♥ Required Support Courses (11 credits)

MAT	147	Statistics	3	
MAT	220	Calculus I	4	
MAT	214A	Discrete Structures	4	

♠ Minor Required:_____(15-18 credits)

Department	Minor
Art + Design	Graphics Design Minor
Art + Design	UX and Interface Design Minor
Computer Science	Computer Science Minor
Computer Science	Cybersecurity Minor
Criminal Justice	Criminal Justice Minor
Criminal Justice	Cybercrime Minor
English	Professional Writing Minor
Healthcare Studies	Healthcare Studies Minor
Accounting & Finance	Accounting Minor
Management	Business Administration Minor
Management	Management Minor
Management	Entrepreneurship Minor
Marketing & Dec. Sci.	Marketing Minor
Mathematics	Mathematics Minor
Music & Dance	Music Technology Minor

♥ Students may choose to use support courses to satisfy general education categories but may not be required to do so. **Note:** If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does **not** reduce the credit total required for graduation.

♣ Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.

♯ These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.

‡ Level II, Level III Written Communications and Diversity, Power Dynamics and Social Justice Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply. The credits are counted only in one area.

♠ Students may choose the Cyber Security Option or any Minor from the list of Minors as provided for the Information Technology Program Requirements.

♦ COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS	♦ GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

Exceptions in the timing of courses will be made for transfer students

Total credits for graduation: 120

Effective: 9/2026