Bachelor of Applied Science in Information Technology

KENNESAW STATE
UNIVERSITY

Updated 7/9/2020

Catalog Year: 2019-2020   Total Degree Credit Hours: 121

General Education Requirements (See Degreeworks for Prerequisites)

A-1	**ENGL 1101** Composition I	3	
	ENGL 1102 Composition II	3	
A-2	**MATH 1113** Pre-Calculus OR **MATH 1112** College Trigonometry	3	

Area A: Essential Skills (9 credit hours)
All Area A courses must be completed within the first 30 credit hours with a grade of C or higher.

B-1	**ECON 1000** Contemporary Economic Issues	2	
B-2	**COM 1100** Human Communication	3	

Area B: Institutional Options (5 credit hours)
COM 1100 is recommended for IT majors.

C-1	**ENGL 2000-level** Literature	3	
C-2	**ART/DANC/MUSI/TPS 1107** Arts and Culture of the World	3	

Area C: Humanities, Fine Arts, and Ethics (6 cr hrs)
Choose one course from each area.

D-1	**STAT 1401** Elementary Statistics	3	
D-2	**BIOL 1107/L, BIOL 1108/L, CHEM 1211/L, CHEM 1212/L, PHYS 1111/L, PHYS 1112/L, PHYS 2211/L, PHYS 2212/L, SCI 1101, GEOG 1112, GEOG 1113**	8	

Area D: Science, Math, and Technology (11-12 cr hrs)
Information Technology majors must complete two 4-credit hour science courses. "L" denotes the corresponding lab course.

E-1	**POLS 1101** American Government	3	
E-2	**HIST 2111 or 2112** US History	3	
E-3	**HIST 1100/1111/1112** World History	3	
E-4	**CRJU/GEOG/PSYC/SOCI/STS 1101 or ANTH 1102 or ECON 2100**	3	

Area E: Social Sciences (12 credit hours)
Choose one course from each area for E-2, E-3, & E-4.

Area F Lower Division Major Requirements

	Prerequisites		
CSE 1321/L Programming & Problem Solving I with lab		4	
IT 1323/L Advanced Programming Principles or **CSE 1322/L** Prog. & Prob. Solving II with lab	'B' or better in CSE 1321/L	4	
MATH 2345 Discrete Mathematics _OR_ **CSE 2300** Discrete Structures	MATH 1112/1113/1190	3	
	MATH 1113 & CSE 1321/L		
Technical Block – 7 Credits		7	

CSE 1321 and CSE 1321L must have a minimum grade of 'B.'

Upon completing CSE 1321 & CSE 1321L with a minimum grade of 'B,' students should request to have their major changed to the fully admitted Information Technology major.

**Note: IT 1323/L is no longer offered after Summer 2020. Students should instead take CSE 1322/L and need at least a 'B' in this course as well to use towards the prerequisite of IT 3883. Prerequisites for courses follow the current catalog year

Students can not use 1000 or 2000 level transfer credit towards upper division major requirements.

Upper Division Major Courses (35 Credit Hours)

	Prerequisites		
CSE 3153 Database Systems	IT 1323/L or CSE 1322/L	3	
CSE 3801 Professional Practices and Ethics	IT 1323/L or CSE 1322/L	2	
IT 3123 Hardware/Software Concepts	CSE 1321/L w/'B' or better	3	
IT 3203 Intro to Web Development	CSE 1321/L w/'B' or better	3	
IT 3223 Software Acquisition & Project Management	CSE 1321/L w/'B' or better	3	
IT 3423 Operating Systems Concepts & Administration	IT 3123	3	
IT 3883 Advanced Applications Development	CSE 1322/L w/'B' or better & (CSE 3153* or CS 3410*)	3	
IT 4323 Data Communications & Networks	IT 3123	3	
IT 4823 Information Security Administration	CSE 3153 & IT 3123 & (CSE 2300 or MATH 2345)	3	
IT 4983 IT Capstone	IT 3423, IT 3223, IT 3203 & IT 4323*, IT 4823*	3	
IT 4683 Management of IT & HCI	CSE 3153	3	
IT 4723 IT Policy & Law	IT 3123 & IT 3223	3	

All major courses must have a minimum grade of 'C,' except for CSE 1321/L & CSE 1322/L, which must have a minimum grade of 'B.'

* - can be done concurrently with course

As of Fall 2020 IT 3883 is 4 credit hours.

Technical Block (21 Credit Hours)
CIS/CIST courses from the AAS degree
Students must have a minimum grade of C on all Lower Division, Upper Division, Directed Electives and any other prerequisite's.

Directed Electives (4 Credit Hours)

	Prerequisites		

At least 4 credit hours 3000/4000 level IT courses, not required as Upper Division Major Courses.