

Information Technology, B.A.S.

Program Description

The Bachelor of Applied Science with a major in Information Technology is designed for students who have an Associate of Applied Science in computing from a member institution of the Technical College System of Georgia. The courses that you have completed for your AAS will transfer as a block, and you will be required to take an additional 94 credit hours (or approximately 3 years of full-time study) to obtain the BAS degree.



This program is a part of the College of Computing and Software Engineering.

Accreditation

The Bachelor of Science in Information Technology program is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. The B.A.S. in Information Technology was reviewed & accredited in 2016.

Admission, Enrollment, and Graduation Policies

Admission Requirements

Admission to the Information Technology B.A.S. degree is separate from admission to Kennesaw State University. Students must meet the program requirements below to pursue this degree program:

- Earn an A.A.S in a computing field with a GPA of 2.30 or better from a TCSG college to transfer into the BASIT program

Enrollment Requirements

Progression through the program requires students to successfully complete or transfer the equivalent of IT 1114, IT 1114L, CSE 1321, and CSE 1321L with a grade of "C" or better in all four courses.

Graduation Requirements

Each student is expected to meet the requirements outlined in Academic Policies: 5.0 PROGRAM REQUIREMENTS & GRADUATION.

Program Course Requirements

Core IMPACTS Curriculum (42 Credit Hours)

General Education Core IMPACTS Curriculum

Core IMPACTS Curriculum Requirements Specific to This Major

Science Majors: Must take MATH 1113 or higher in Mathematics & Quantitative Skills and MATH 1179 or higher.

Science and Engineering Majors: Must take two four-hour laboratory sciences in Natural Sciences. Students must choose from CHEM 1211 / 1211L, CHEM 1212 / 1212L, PHYS 1111 / 1111L *, PHYS 1112 / 1112L, PHYS 2211 / 2211L *, PHYS 2212 / 2212L, BIOL 1107 / 1107L, or BIOL 1108 / 1108L.

*Students cannot take both PHYS 1111/L and PHYS 2211/L nor PHYS 1112/L and PHYS 2212/L.

Core Field of Study (18 Credit Hours)

Students must earn a grade of "C" or better in these courses with the exception of CSE 1321 / 1321L and CSE 1322 / 1322L, in which a grade of "B" or better is required.

- IT 1114: Programming Principles
 - IT 1114L: Programming Principles Lab
 - CSE 1321: Programming and Problem Solving I
 - CSE 1321L: Programming and Problem Solving I Laboratory
 - CSE 2300: Discrete Structures for Computing
 - or
 - MATH 2345: Discrete Mathematics
- Six (6) credit hour Technical Block transferred from A.A.S. or A.A.T. degree
One (1) credit hour carried over from Natural Sciences.

Technical Block (20 Credit Hours)

The Technical Block requires 20 credit hours of CIS/CIST courses from the student's A.A.S. or A.A.T. degree.

Major Requirements (37 Credit Hours)

Students must earn a grade of "C" or better in these courses.

- CSE 3153: Database Systems
- CSE 3801: Professional Practices and Ethics
- IT 3003: Professional Development & Entrepreneurship
- IT 3123: Hardware and Software Concepts

- IT 3203: Introduction to Web Development
- IT 3223: Software Acquisition and Project Management
- IT 3423: Operating Systems Concepts & Administration
- IT 3883: Advanced Application Development
- IT 4323: Data Communications & Networking
- IT 4683: Management of Information Technology and Human Computer Interaction
- IT 4823: Information Security Administration & Privacy
- IT 4983: IT Capstone

One (1) credit hour carried over from Applied Mathematics.

Major Electives (3 Credit Hours)

Students must earn a grade of "C" or better in these courses.

Select 3 credit hours from the following list of courses or any IT course not previously taken in the major:

- FTA 4001: Foundations of FinTech
- FTA 4002: Financial Technologies
- FTA 4005: Introduction to Financial Data Analytics
- CSE 4983: CSE Computing Internship

Program Total (120 Credit Hours)