



Associate of Science to
Bachelor of Science in Information Technology Administration (Online)
Transfer Pathway
Effective for the 2021-2022 Catalog

This is an example course sequence for students interested in pursuing Information Technology. Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. ISI Must be complete. Contact your advisor for information.

AS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS REQUIREMENTS

First Year – Dallas College

NOTE: Pathway Requirements: The following prerequisites courses for MATH 2413: MATH 1314, MATH 1316 and MATH 2412 (Total 10 Credit Hours)

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 1301- Composition I [†] (CB 010)	^c ENGL 1302- Composition II (CB 010)
^c HIST 1301- United States History (CB 060)	^c ECON 2301- Principles of Macroeconomics [*] (CB 080)
^c MATH 2413 Calculus I (CB 020) [†] Prerequisites of MATH 1314, MATH 1316, MATH 2412, before enrolling in the class (10 credits)	CHOOSE ONE [†] SPCH 1315 – Public Speaking (CB 090) (ACU Prefers SPCH 1315) OR ^c SPCH 1311 - Introduction to Speech Communication (CB 090)
^c PHED 1164- Introduction to Physical Fitness and Wellness [*] (CB 090)	CHOOSE ONE: ^c HIST 1302- United States History II (CB 060) OR ^c HIST 2301 Texas History [*] (CB 060)
EDUC 1300- Learning Framework-All College students with fewer than 12 semester credit hours of successful college credits (^c "C" or above) must take a student success course in the first semester.	CHOOSE ONE: ^c ARTS 1301- Art Appreciation OR ^c DRAM 1310- Theater Appreciation OR ^c MUSI 1306- Music Appreciation (These are CB 050) [†]

Second Year –Dallas College

It's best to apply to Abilene Christian University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
CHOOSE ONE: ^c MATH 2414-Calculus II (ACU recommends MATH 2414 or another option for an elective course) OR MATH 1342- Elementary Statistical Methods (Elective courses would be selected according to the intended university to which you will transfer.)	^c GOVT 2305- Federal Government (CB 070)
CHOOSE ONE: ^c CHEM 1411- General Chemistry I OR ^c BIOL 1406- Biology for Science Majors I (These are CB 030) [†]	CHOOSE ONE: ^c PHYS 2425- University Physics OR ^c CHEM 1412- General Chemistry II (These are CB 030) [†]
	CHOOSE ONE: ^c COSC 1436- Programming Fundamentals (ACU recommends COSC 1436) OR ^c ACCT 2301- Principles of Financial Accounting (Elective courses should be selected according to the intended university to which you will transfer.)
	CHOOSE ONE: ^c ENGL 2332- World Literature I (ACU requires ENGL 2332) OR ^c PHIL 1301- Introduction to Philosophy OR ^c PHIL 1306- Introduction to Ethics (CB 040) [†]

Third Year –Dallas College

FIRST SEMESTER	SECOND SEMESTER
^c GOVT 2306- Texas Government (CB 070)	
CHOOSE ONE: ^c COSC 2436- Programming Fundamentals (ACU recommends COSC 2436) OR ^c ECON 2302- Principles of Microeconomics (Elective courses should be selected according to the intended university to which you will transfer.)	
CHOOSE ONE: ^c COSC 1437- Programming Fundamentals II (ACU recommends COSC 1437) OR ^c ACCT 2302- Principles of Managerial Accounting (Elective courses should be selected according to the intended university to which you will transfer.)	
CHOOSE ONE: ^c MATH 2305- Discrete Mathematics OR Elective (3 credit hours) (Elective courses should be selected according to the intended university to which you will transfer.)	

Bachelor of Science in Information Technology Administration (Online)

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

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FIRST SEMESTER (Term 1 & Term 2)**	SECOND SEMESTER (Term 1 & Term 2)**
BIBO 103- Story of the New Testament	BIBO 211- Message of the Old Testament
ITA 110- IT Fundamentals	ITO 225- Web Technologies
ITO 220- Introduction to Databases and Database Management Systems	ITO 310- Introduction to Computer and Information Security
ITO 221- Fundamentals of Networking and Data Communications	ITO 320- Database Administration

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THIRD SEMESTER (Term 1 & Term 2)**	FOURTH SEMESTER (Term 1 & Term 2)**
ITA 405- Systems Development Processes and Methodologies	BIBT 342- Christianity in Culture
ITO 410- Systems Integration and Administration	ITA 490- Topic in Information Technology
ITC 460- Project Management for Information Technology Professionals	ITA 491- Emerging Technologies in Information Technology
MATH 377- Statistical Methods I	Elective

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FIRST SEMESTER (Term 1 & Term 2)**	SECOND SEMESTER (Term 1 & Term 2)**
Elective	
Cybersecurity Track (all 3 courses)- ITO 415- Networks and Security Administration AND ITO 473- Cybersecurity Policies, Standards and Compliance AND ITO 475- Risk and Incident Planning and Response	
Application Development Track (all 3 courses)- ITO 325- Web Application Development AND CS 330- Human- Computer Interaction AND ITA 315- Mobile Application Development for Information Technology	
General Track (choose 3 courses)- CSO 330 -Human- Computer Interaction, ITO 325- Web Application Development, ITO 315- Mobile Application Development for Information Technology, ITO 415- Networks and Security Administration, ITO 473- Cybersecurity Policies, Standards and Compliance, ITO 447- Risk and Incident Planning and Response	

(Electives are required to get to 120 hours)

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs. Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Contact your advisor for information. Developmental coursework may be required.

^c You may take a different course to meet this requirement. A specific list is available from your advisor.

[†] This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Dallas College.

^{*} Students must earn a "C" or higher.

[†] Field of Study Course

** Abilene Christian University Semesters consist of two 7-week terms that run in Fall 1, Fall 2, Spring 1, Spring 2, Summer 1 and Summer 2

For questions about the University portion of this pathway, Contact the Abilene Christian University Academic Advising Office at (855)-219-7300.