



Bachelor of Science in Computer Science
Air University ABC - Category 1

DEGREE REQUIREMENTS		Credits Required	CCAF Credits Transferred	Credits to be Complete at SC
Major Core Requirements		30	-	30
CSCI290	Computer Science Essentials	3		3
CSCI322	SQL Fundamentals	3		3
CSCI324	Advanced SQL	3		3
CSCI421	Java Programming Principles 1	3		3
CSCI424	IT Project & Change Management	3		3
CSCI431	Java Programming Principles 2	3		3
CSCI432	Visual Basic Net Programming Essentials	3		3
CSCI434	Web Programming	3		3
SMGT41	Principles of Information Security	3		3
CAPS495	Senior Capstone	3		3
Major Core-Related Electives - Suggested ***		24	-	24
ISM465	Data Acquisition & Analytics	3		3
ISM475	Data Visualization & Reporting	3		3
COT420	Enterprise Forensics	3		3
ISM431	Enterprise Security	3		3
OMGT315	Operations Logistics Management	3		3
DASC360	Cloud Security	3		3
ISM240	Introduction to Problem Solving	3		3
ISM367	Business Intelligence & Analytics	3		3
Required Prerequisites		3	-	3
MASC110	*Statistics & Probability	3		3
General Education		18	15	3
ENGL101	English Composition I (CCAF)	3	3	
ENGL102	English Composition II	3		3
CORE110	Information Literacy	Waived		Waived
	Mathematics Course (CCAF)	3	3	
	Oral Communications Course (CCAF)	3	3	
	Social Science Course (CCAF)	3	3	
	Humanities Course (CCAF)	3	3	
Lower Division Elective Credits accepted from CCAF**		49	49	-
Total Credit Required		124	64	60

Admission and Transfer Credit Guidelines

Learners are eligible to begin a degree program once they have accumulated at least 6 credit hours from an accredited institution. Credit earned through CLEP and DANTES examinations may count toward this 6-hour requirement if the credit has been transcribed by a previously attended institution. Additional CLEP and DANTES credit (up to 30 credit hours) may be applied as elective credit if it is transcribed by Southwestern College.

Full credit will be awarded for coursework listed on a Community College of the Air Force (CCAF) transcript, up to a maximum of 64 credit hours of college credit.

*Any college-level math course accepted as part of a completed CCAF degree will satisfy the general education math requirement. However, some degree programs require an additional math course as a prerequisite. These prerequisite math courses must be completed prior to enrolling in major core courses.

**Any lower-division academic coursework will satisfy this requirement.

***Major Core electives may be fulfilled through academic coursework from an accredited baccalaureate degree-granting institution or completed at Southwestern College. Additionally, military training evaluated by ACE and designated as upper-division credit may be used to satisfy this requirement.

Air University ABC learners are encouraged to select courses that align with their major and/or academic interests.

Effective date: 3/2026