

2026-2027 ASSOCIATE IN APPLIED SCIENCE (A.A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements (aztransfer.com) for specific required and recommended courses. Sign in to your [Self-Service Student Planning](#) account to load the recommended program map and to track your academic progress.

COMPUTER INFORMATION SYSTEMS

Student Name	ID #	Advisor	Major Code: AAS.CIS Credits: 60
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This program is for students pursuing a two-year degree with the intent of eventual employment in the computer industry with aspirations of attaining the position of (1) computer programmer, (2) programmer/analyst, or with further study (3) computer systems analyst.

Required Major Courses (21 Credits)		Cr	Sem	Notes
ACC 211	Financial Accounting	3		
BUA 100	Survey of Business	3		
CIS 105	Introduction to Business Information Systems	3		
CIS 260	Introduction to Operating Systems	3		
CIS 295	Structured System Analysis and Design	3		
QBA 211	Quantitative Business Analysis	3		
BUA 110	Business Application Concepts OR	3		
CIS 121	Spreadsheets			

Other Departmental Requirements (15 Credits)		Cr	Sem	Notes
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Select from one of the following emphases

Programming

CIS 131	Database	3		
CIS 180	Computer Programming Logic	3		
CIS 200	Computer Programming: Visual BASIC	4		
CIS 220	Computer Programming: C#	4		
CIS 270	Networking Fundamentals	3		

Security

CIS 175	Computer	3		
CIS 270	Networking Fundamentals	3		
CIS 271	Networking Administration	3		
CIS 275	Fundamentals of Network Security	3		
CIS 272	Network Routing and Switching	3		

Web Development

CIS 151	Web Design I	3		
CIS 154	Introduction to E-Commerce/E-Business	3		
MKT 120	Principles of Sales	3		
CIS 200	Computer Programming: Visual BASIC	4		
CIS 180	Computer	3		

General Education Requirements (22 Credits)		Cr	Sem	Notes
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See the AAS GE course list in the current catalog for selection of courses.

Written and Oral Communication (6 credits)

ENG 101 or 107	Freshman Composition	3		
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Select one more course from the AAS GE Written and Oral Communication categories- consult your advisor or see requirements in Self-Service

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Arts & Humanities (3 credits)

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Quantitative Reasoning (3 credits)

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Natural Sciences (4 credits)

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Social & Behavioral Sciences (3 credits)

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Institutions of the Americas (3 credits)

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General Electives - Complete enough credits to meet program requirements		Cr	Sem	Notes
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***Dual Application of Courses** is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree.

List any courses used to satisfy program or degree credits due to dual application and or courses that satisfy the Cultural (C) and Global (G) or Historical (H), or Writing Intensive (WI) awareness areas.

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