

ASSOCIATE IN SCIENCE (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 for specific required and recommended courses.

COMPUTER SCIENCE

Student Name	ID #	Advisor	Major Code: AS.CSCIE Credits: 64
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Focuses on computers, computing problems and solutions, the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, and computing theory; computer hardware design; computer development and programming; and applications to a variety of end-use situations.

Required Major Courses (14 Credits)		Cr	Gr	Sem	App*	Notes
CSC 127A	Introduction to Computer Science 1	4				
CSC 127B	Introduction to Computer Science 2	4				
EGR 123	Introduction to Structured Programming	3				
MAT 227	Discrete Mathematics	3				

Other Department Requirements (10 Credits)		Cr	Gr	Sem	App*	Notes
CIS 120	Introduction to Computer Information Systems OR	3				
CIS 105	Introduction to Business Information Systems SUN#	3				
CSC 252	Computer Organization	3				
CSC 210	Human Computer Interaction OR	4				
CSC 215	Artificial Intelligence	4				

General Education Requirements (37 Credits)		Cr	Gr	Sem	App*	Notes
See the AGEC-S course list in the current catalog for selection of courses.						

English Composition (6 credits)		Cr	Gr	Sem	App*	Notes
ENG 101	Freshman Composition SUN#	3				
ENG 102	Freshman Composition SUN#	3				

Mathematics (5 credits)		Cr	Gr	Sem	App*	Notes
MAT 220	Calculus I with Analytic Geometry SUN# OR approved higher level math	5				

Arts/Humanities - Select at least one course from the Arts list. (6 credits)		Cr	Gr	Sem	App*	Notes
Arts:						
PHI 103	Humanities: Introduction to Logic SUN#	3				

Social and Behavioral Sciences (6 credits)		Cr	Gr	Sem	App*	Notes
ECN 250	Principles of Microeconomics SUN#	3				

Physical and Biological Sciences (8 credits)		Cr	Gr	Sem	App*	Notes
PHY 121	Mechanics SUN#	4				
PHY 131	Electricity and Magnetism SUN#	4				

Additional Courses (6 credits)		Cr	Gr	Sem	App*	Notes
CHM 151	General Chemistry I SUN#	4				

General Electives (3 Credits)		Cr	Gr	Sem	App*	Notes

***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. This dual application of courses gives students the opportunity to include additional course work under general electives.

List any courses used to satisfy program or degree credits due to dual application:		Cr	Gr	Sem	App*	Notes

One cultural (C) course and one global (G) or historical (H) course are required. Two writing intensive (WI) courses are required. ENG 101 is a prerequisite for