

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

Computer Information Systems						
Student Name	ID #	Advisor	Major Code: AAS.CIS Credits: 60			
<p>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. Programmers are responsible for writing a detailed set of logically ordered instructions that tell the computer to perform the necessary tasks, in the correct sequence, to process data into useful information. Systems analysts are responsible for the analysis of existing systems and the design development and installation of new or redesigned systems that provide information necessary to successfully operate businesses and other organizations. Students receive sufficient background in business and accounting to seek entry-level employment in the information processing environment. This program articulates with the B.A.S. degree in Technology Management offered by NAU-Yuma Branch Campus.</p>						
Required Major Courses (21 Credits)		Cr	Gr	Sem	Notes	
ACC 211	Financial Accounting	3				
BUA 100	Survey of Business	3				
BUA 110	Business Application Concepts OR	3				
CIS 121	Spreadsheets					
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				
Other Departmental Requirements (Take at least 16 credits from one of the following emphases)		Cr	Gr	Sem	Notes	
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 Security	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 100	Salesmanship	3				
CIS 200	Computer Programming: Visual BASIC	4				
CIS 180	Computer Programming Logic	3				
General Education Requirements (22 Credits)		Cr	Gr	Sem	App*	Notes
See the AAS GE course list in the current catalog for selection of courses.						
English Composition (6 credits)						
ENG 101	Freshman Composition	3				
ENG 102	Freshman Composition	3				
Mathematics (4 credits)						

MAT 151	College Algebra OR approved higher level math (required for B.A.S.)	4				
Arts/Humanities (3 credits)						
		3				
Social and Behavioral Sciences (3 credits)						
		3				
Physical and Biological Sciences (4 credits)						
		4				
Additional Courses (2 credits)						
General Electives (0-2 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

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