



The University of Arizona- Yuma Academic Program
 Bachelor of Science - Computer Science
 2018-2019 Curriculum Check List
 UNOFFICIAL PLANNING GUIDE



ARIZONA WESTERN COLLEGE COURSES

ARIZONA GENERAL EDUCATION (AGEC-S)

Course	Units	COMPLETED
A. Freshman Composition		
a) ENG 101 Fresh. Comp.	3	_____
b) ENG102 Fresh. Comp.	3	_____
B. Mathematics		
a) MAT 220 Calculus I	5	_____
C. Arts and Humanities		
a) PHI 103 Intro to Logic	3	_____
b)	3	_____
D. Social and Behavioral Sciences		
a) ECN 250 Microeconomics	3	_____
b)	3	_____
E. Physical and Biological Sciences		
a) PHY 121 Mechanics	4	_____
b) PHY 131 Elect. & Mag	4	_____
F. Additional Courses		
a) CHM 151 Gen. Chemistry I	4	_____
b) MAT 230 Calc II w/Geo	5	_____

Major Area Courses Computer Sciences (AWC)

CSC 127A Intro to Comp Sci. 1	4	_____
CSC 127B Intro to Comp Sci 2	4	_____
EGR 123 Intro to Structured Prog.	3	_____
MAT 241 Calc III	4	_____
MAT 227 Discrete Math	3	_____

Select 10 credits:

CSC 252 Computer Organization	3	_____
CIS 120 Intro to Comp. Sys	3	_____
OR		
CIS 105 Intro to Bus. Info Sys	3	_____
CSC 210 Human Comp. Interact	4	_____
OR		
CSC 215 Artificial Intelligence	4	_____

AS in Computer Science 64 Total Units

Completion of AGECS and selected coursework would permit a student eligibility for an AS in Computer Science through AWC.

AGEC-S and Associate's Degree completed 64 Units transferable to the University of Arizona. AGECS completion must be listed on transcripts

AWC Advisement Services
 928.344.7624
advising@azwestern.edu

UNIVERSITY OF ARIZONA-YUMA COURSES

Major Courses UA Yuma –Computer Sciences

ASM 195 Intro to UA	1	_____
CSCV 335 Group Object Oriented Prog	Sp 3	_____
CSCV345 Discrete Structures	Sp 3	_____
CSCV 352 Systems Prog and UNIX	F 3	_____
Area Elective: Paradigms (3 units)		
Select 1 class		
CSCV 372 Comparative Programming	F 3	_____
CSCV 422 Intro Parallel & Distrib. Prgm	Sp 3	_____
CSCV 460 Database Design	Sp 3	_____
Area Elective: Theory & Writing Emphasis (3 units)		
Select 1 class		
CSCV 445 Algorithms	F 3	_____
CSCV 473 Automata	Sp 3	_____
Area Elective: Systems (3 units)		
Select 1 class		
CSCV 452 Principles of Operating Sys.	F 4	_____
CSCV 453 Compilers/Systems Software	F 4	_____
Open Electives: Choose 2 (6 units)		
CSCV 402 Mathematical Logic	3	_____
CSCV 422 Intro to Parallel & Distrib. Prog	3	_____
CSCV 443 Theories of Graphs&Networks	F 3	_____
CSCV 453 Compilers and System Software	F 3	_____
CSCV 471 Artificial Intelligence	Sp 3	_____
CSCV 475A Prin. of Numerical Analysis	F 3	_____
CSCV 475B Prin. of Numerical Analysis	Sp 3	_____

Minors available in the following areas:

- Cyber Security Certificate
- Educational Technology
- Informatics
- Intelligence Studies
- Math
- Systems Engineering

Bachelor of Science in Computer Science

120 Total Units

AS in Computer Science 64 units
 UA Units 56 units

Must have 2nd language proficiency (SPA 102, etc.)

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