

Transfer Agreement Checklist

Associate of Science in Technology and Engineering Bachelor of Science in Computer Science*

University of Arkansas Pulaski Technical College Associate of Science in Technology and Engineering

2018-2019

English (6 credit hours)			UA Little Rock	Semester	Hours	Grade
ENGL	1311	English Composition I	RHET 1311		3	
ENGL	1312	English Composition II	RHET 1312		3	

Mathematics (3 credit hours)			UA Little Rock	Semester	Hours	Grade
MATH	1404	Calculus I**	MATH 1451		4	

Lab Sciences (8 credit hours)			UA Little Rock	Semester	Hours	Grade
CHEM	1405	General Chemistry I	CHEM 1402		4	
CHEM	1406	General Chemistry II	CHEM 1403		4	

or

PHYS	1404	Advanced College Physics I	PHYS 2321/2121		4	
PHYS	1405	Advanced College Physics II	PHYS 2322/2122		4	

Students considering the BS Computer Science Game option should choose the Physics Lab Sciences sequence.

Fine Arts and Humanities (6 credit hours)			UA Little Rock	Semester	Hours	Grade
ARTS	2300	Introduction to Visual Arts or	ARHA 2305		3	
MUSC	2300	Introduction to Music or	MUHL 2305			
THEA	2300	Introduction to Theatre	THEA 2305			
ENGL	2337	World Literature from the Beginning to 1650 or	ENGL 2337		3	
ENGL	2338	World Literature from 1650 to the Present	CORE HUMA			

History / Political Science (6 credit hours)			UA Little Rock	Semester	Hours	Grade
HIST	2311	U.S. History to 1877 or	HIST 2311		3	
HIST	2312	U.S. History since 1877 or	HIST 2312			
POLS	1310	American National Government	POLS 1310			
HIST	1311	History of Civilization I or	HIST 1311		3	
HIST	1312	History of Civilization II	HIST 1312			

Social Science (6 credit hours)			UA Little Rock	Semester	Hours	Grade
PSYC	2300	Psychology and the Human Experience or	PSYC 2300		3	
SOCI	2300	Introduction to Sociology	SOCI 2300			
SPCH	1300	Speech Communication	ACOM 1300		3	

Computer Science Foundation (24 credit hours)			UA Little Rock	Semester	Hours	Grade
CIS	1133	Internet Technologies	IFSC 1310		3	
CIS	2514	Introduction to Computer Science I	CPSC 1175/1375		4	
CIS	2644	Introduction to Computer Science II	CPSC 2376		3	
CIS	2653	Computer Organization and Assembly Language	CPSC 2382		3	
CIS	2733	Data Structures	CSPS 2380		3	
MATH	1405	Calculus II	MATH 1452		4	
MATH	2310	Discrete Math	MATH 2310		3	

UA-PTC Total Hours: 60

*If you are interested in the Bachelor of Science in Computer Science GAME Option, please consult with the UA Little Rock Academic Advisor and Liaison.

**If not testing into Calculus I, a student must have College Algebra and Trigonometry as prerequisites.

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University of Arkansas at Little Rock
Bachelor of Science in Computer Science

			Semester	Hours	Grade
		Upper-Level Communications, Humanities, Arts, and Social Sciences		3	
RHET	3346	Technical Writing		3	
MATH	3310	Algebraic Structures or		3	
MATH	3312	Linear Algebra			
STAT	3352	Applied Statistics		3	
		Core Science course with lab (in addition to either the PHYS or CHEM sequence): One of {ERSC 1302/1102, ERSC 1304/1104, BIOL 1400, BIOL 1401, ASTR 1301/1101}		4	
		Math/Science Elective		3	
CPSC	3380	Operating Systems		3	
CPSC	3383	Language Structure		3	
IFSC	3320	Database Concepts		3	
CPSC	3482	Computer Organization I		4	
CPSC	4373	Fundamentals of Software Engineering		3	
CPSC	4392	Capstone Project		3	
IFSC	2200	Ethics in the Profession		2	
		Upper-Level Computer Science Courses		9	
		Minor hours or Unrestricted general electives		11	

UA Little Rock Total Hours: 60

Total Hours: 120