

Appendix A



ASU Bachelor of Science in Computer Science
Howard College
2+2 Transfer Guide



Howard College & Angelo State University Transfer Plan for Associate of Science in Computer Science (A.S.) Bachelor of Science in Computer Science (B.S.)					
Howard College Fall Semester Year 1		sch	Howard College Spring Semester Year 1		sch
EDUC 1100	Learning Framework <i>will transfer as ASU's GS 1181</i>	1	CS 1336	Computer Science I <i>(Co-Enrolled at ASU) Howard Elective</i>	3
HIST 1301	United States History I <i>will transfer as ASU's HIST 1301</i>	3	Elective Course (MATH 2312)	Precalculus Math <i>will transfer as ASU's MATH 2312</i>	3
ENGL 1301	Composition I <i>will transfer as ASU's ENGL 1301</i>	3	ENGL 1302 OR ENGL 2311	Composition II OR Technical and Business Writing <i>will transfer as ASU's ENGL 1302 OR ENGL 2311</i>	3
Life and Physical Science (course & lab) ¹	<i>will transfer as ASU's Life and Physical Science</i>	4	Life and Physical Science (course & lab) ¹	<i>will transfer as ASU's Life and Physical Science</i>	4
Mathematics Course (MATH 1314, 1316, OR 2413)	From Core Curriculum <i>will transfer as ASU's Math 1314, 1316, OR 2413</i>	3-4	HIST 1302	United States History II <i>will transfer as ASU's HIST 1302</i>	3
	TOTAL	14-15		TOTAL	16
Howard College Fall Semester Year 2		sch	Howard College Spring Semester Year 2		sch
CS 1337	Computer Science II <i>(Co-Enrolled at ASU) Howard Elective</i>	3	CS 2336	Data Structures and Algorithms <i>(Co-Enrolled at ASU) Howard Elective</i>	3
GOVT 2305	Federal Government <i>will transfer as ASU's POLS 2305</i>	3	GOVT 2306	Texas Government <i>will transfer as ASU's POLS 2306</i>	3
Social and Behavioral Sciences	<i>will transfer as ASU's Social and Behavioral Sciences</i>	3	Language, Philosophy and Culture	From Core Curriculum <i>will transfer as ASU's Language, Philosophy and Culture</i>	3
Creative Arts	<i>Will transfer as ASU's Creative Arts</i>	3	Elective Course	<i>Will transfer as ASU elective</i>	3
SPCH 1315	Public Speaking <i>will transfer as ASU's COMM 1315</i>	3	Elective Course	<i>Will transfer as ASU elective</i>	3
	TOTAL	15		TOTAL	15
A.S. TOTAL DEGREE HOURS					60-61

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¹To meet ASU’s Major Support Course requirement, students can select from the following: BIOL 1306/1106 OR BIOL 1406, BIOL 1307/1107 OR BIOL 1407, BIOL 1308/1108 OR BIOL 1408, BIOL 1309/1109 OR BIOL 1409, BIOL 2301/2101 OR BIOL 2401, BIOL 2302/2102 OR BIOL 2402 or GEOL 1401.

Howard College & Angelo State University Transfer Plan for					
Associate of Science in Computer Science (A.S.)					
Bachelor of Science in Computer Science (B.S.)					
ASU Fall Semester Year 1			ASU Spring Semester Year 1		
		sch			sch
Elective		3	Computer Science		3
Elective		3	CS 3304	Computer Organization and Programming	3
CS 3311	Data Base Management	3	ENGL 3351	Advanced Technical Writing	3
CHEM, PS, PHYS		3	Computer Science (advanced)		3
Elective		3	MATH 2305	Discrete Mathematics	3
	TOTAL	15		TOTAL	15
ASU Fall Semester Year 2			ASU Spring Semester Year 2		
		sch			sch
CS 4301	Algorithmic Languages and Compilers	3	Computer Science (advanced)		3
PHYS 3444	Digital Electronics	4	CS 4302	Operating Systems	3
CS 3352	Theory of Algorithms	3	Elective		3
CS 4306	Software Engineering	3	Elective (advanced)		2
Elective		3	Computer Science (advanced)		3
	TOTAL	16		TOTAL	14
			B.S. TOTAL DEGREE HOURS		120-121

Additional Notes

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Please Note: This guide is for students to utilize as a reference of what courses they can take at each institution. It's possible for students to take these courses in a different sequence if they are coming in with prior credit or if there are changes to course offerings and degree plans. Therefore, it is encouraged for students to reach out to their academic advisor at each institution to discuss current course options and sequences.