



Howard College & Angelo State University

2+2 Agreement
B.S. Chemistry



Start at Howard College

Freshman Year

Fall		Hrs.	Spring		Hrs.
Core 1		3	Core 4		3
Core 2		3	Core 5		3
Core 3		3	Core 6		3
Math Course ¹		0-4	Math Course ¹		0-4
BIOL 1306/1106			BIOL 1307/1107		
or			or		
BIOL 2301/2101		4	BIOL 2302/2102		4
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13-17 hrs.			13-17 hrs.		

Sophomore Year

Fall		Hrs.	Spring		Hrs.
CHEM 1411		4	CHEM 1412		4
Math Course ¹		4	Math Course ¹		4
Core 7		3	Core 9		3
Core 8		3	Core 10		3
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14 hrs.			14 hrs.		

Transfer to Angelo State University

Junior Year

Fall		Hrs.	Spring		Hrs.
CHEM 3151/3351		4	CHEM 3152/3352		4
CHEM 3421		4	CHEM 3201/CHEM 4181		3
Minor Course ²		4	CS 1361		3
PHYS 1441		4	Minor Course ²		4
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16 hrs.			18 hrs.		

Senior Year

Fall		Hrs.	Spring		Hrs.
CHEM 3361		3	CHEM 3362/3262		5
CHEM Advanced Elective		3	CHEM 4521		5
Minor Course ²		4	CHEM Advanced Elective		2
Minor Course ²		3	Minor Course ²		3
Elective ¹		0-4	Elective ¹		0-3
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13-17 hrs.			15-18 hrs.		

¹Students majoring in Chemistry are required to complete MATH 2513 (Calculus I). While at Howard College, students should take MATH 2413 (Calculus I) and MATH 2414 (Calculus II) to receive equivalent credit for MATH 2513. Depending on the student's SAT/ACT scores, the student may have to complete prerequisite courses at Howard College before taking MATH 2413 and 2414. Additional math hours taken can be used to satisfy some course requirements if pursuing a math minor or elective credits.

²Fewer hours in the minor may be required if the student chooses a minor in one of the following fields: biology, computer science, mathematics, or physics. At least 6 hours of the minor must be advanced.

Core Choices
ENGL/ENG 1301
ENGL/ENG 1302
ENGL/ENG Sophomore Literature
GOVT 2305/POLS 2301 ⁵
GOVT 2306/POLS 2302 ⁵
HIST 1301
HIST 1302
Social Science Elective (any course listed in the Soc. Sci. core by either institution)
SPCH 1315/COMM 2301
Visual & Performing Arts Elective (any course listed in the VPA core by either institution)