



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
CHEM 1411		4	CHEM 1412		4
BIO 1308/1108		4	BIO 1309/1109		4
<i>MATH Pre-requisite if needed.</i>		3-4	<i>MATH Pre-requisite if needed.<sup>1</sup></i>		3-4
17 hrs.			17 hrs.		

Transfer to Angelo State University

Sophomore Year

Fall		Hrs.	Spring		Hrs.
PHYS 1441		4	PHYS 2442		4
Core 7		3	Core 9		3
MATH 2513 <sup>1</sup>		5	CS 1361		3
Core 8		3	Core 10		3
15 hrs.			13 hrs.		

Junior Year

Fall		Hrs.	Spring		Hrs.
PHYS 3301		3	PHYS 3331		3
PHYS 3461		4	PHYS 3341		3
MATH 3514		5	MATH 3335		3
Minor <sup>2</sup>		3	PHYS Elective <sup>3</sup>		4
15 hrs.			16 hrs		

Senior Year

Fall		Hrs.	Spring		Hrs.
PHYS 4362		3	PHYS 4363		3
PHYS 3332		3	PHYS Elective <sup>3</sup>		4
Minor <sup>2</sup>		4	Minor <sup>2</sup>		3
PHYS Elective <sup>3</sup>		4	Minor <sup>2</sup>		3
14 hrs.			13 hrs.		

Core Choices

ENGL/ENG 1301  
ENGL/ENG 1302  
ENGL/ENG Sophomore Literature  
GOVT 2305/POLS 2301<sup>4</sup>  
GOVT 2306/POLS 2302<sup>4</sup>  
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)

<sup>1</sup>MATH 2513 requires completion of a Pre-calculus course. Students will be exempt from having to take Pre-calculus if the student has completed two years of high school algebra, one year of high school geometry, and a high school precalculus course. If the student needs to take Pre-calculus, they are encouraged to complete it at Howard College before transferring to ASU. Pre-calculus can be used towards a minor in Mathematics. Students can take other core courses out of their first year at Howard College and take those at ASU in order to take the Calculus pre-requisite courses.

<sup>2</sup>The following minor areas for the Physics degree are recommended: Biology, Chemistry, Computer Science, Earth Science, or Mathematics. If a student chooses a different minor this degree may require more than 120 semester hours. At least 6 hours of the minor must be advanced.

<sup>3</sup>12 hours of Physics electives must be selected from PHYS 3443, 3444, 4452, or 4462.

<sup>4</sup>Students are advised to take their Government/Political Science sequence at one institution. Students should take both GOVT 2305 and 2306 at Howard College before transferring or wait until after transferring to take POLS 2301 and 2302 at ASU. Contact your advisor for more information.