



**Bachelor of Science (B.S.)**  
Physics

Core Area	Howard College Classes	Hours	Term	Grade
010	ENGL 1301 - Composition I	3		
010	ENGL 1302 - Composition II	3		
020	*MATH 2313 – Calculus I	3		
030	BIOL (1306/1106 & 1307/1107), (1308/1108 & 1309/1109), <b>OR</b> (2301/2101 & 2302/2102)	4		
030	BIOL (1306/1106 & 1307/1107), (1308/1108 & 1309/1109), <b>OR</b> (2301/2101 & 2302/2102)	4		
040	ENGL 23XX - Sophomore Literature	3		
050	**Creative Arts Core Course	3		
060	HIST 1301 - History of US I	3		
060	HIST 1302 - History of the US II	3		
070	GOVT 2305 - Federal Government	3		
070	GOVT 2306 - Texas Government	3		
080	**Social & Behavioral Science Core	3		
090	CHEM 1311/1111 – General Chemistry I	4		
090	SPCH 1315 - Public Speaking	3		
	EDUC 1100 – Learning Frameworks	1		
<b>Howard College hours transferable towards ASU Degree</b>		<b>43</b>		

Students wishing to pursue an associate's degree at Howard College may need to complete additional courses that will not apply to a bachelor's degree at ASU.

Howard College may not teach all classes every semester. Please refer to the Class Schedule available on the Howard College website concerning course rotation. If you do not see a course listed on the schedule, please contact an HC advisor for more course options.

\* Students may need to take MATH 2312 - Precalculus and/or MATH 1314 – College Algebra before enrolling in 2313

\*\*HC Core Curriculum: [http://catalog.howardcollege.edu/preview\\_program.php?catoid=9&moid=1439](http://catalog.howardcollege.edu/preview_program.php?catoid=9&moid=1439)

While it is possible for students to complete their Core at Howard College and then transfer to ASU, they may not be able to complete their Bachelor's Degree in an additional 2 years depending on the course sequence and ability to take multiple Physics classes in one semester. Therefore, **it is recommended that students transfer to ASU after completing 30 hours at Howard College** and then complete a Reverse Associate Degree. This program transfers ASU courses back to Howard College to complete an associate's degree.

### **Transfer Information**

Degree Requirements classes may be subject to change. Substitutions and exceptions may be available based on individual circumstances. For specific questions about how your classes may transfer to ASU, please contact the ASU Transfer Office for more information.

#### **ASU Transfer Office**

[Transfer@angelo.edu](mailto:Transfer@angelo.edu)

325-942-2041

### **Career Opportunities**

Graduates of this program often advance to careers in aerospace technology, mathematics, medicine, teaching, and engineering or geosciences in the oil and gas industry, to name just a few. We offer flexible degree plans that allow students to enter careers after graduating or continue on to graduate school. The Physics Career Network and the Geoscience Workforce help students find entry-level jobs, internships and scholarships.

#### **Department of Physics and Geosciences**

[david.bixler@angelo.edu](mailto:david.bixler@angelo.edu)

325-942-2242

For a full list of majors and more information on ASU admissions requirements, please visit our website at [myfuture.angelo.edu/easytransfer](http://myfuture.angelo.edu/easytransfer)