



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

Core Area	Howard College Classes	Hours	Term	Grade
010	ENGL 1301 - Composition I	3		
010	ENGL 1302 - Composition II	3		
020	MATH 1314 – College Algebra <b>OR</b> MATH 1342 – Elementary Statistics	3		
030	BIOL 1306/1106 - Biology for Science Majors I	4		
030	BIOL 1307/11107 – Biology for Science Majors II	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		
	<b>Additional Courses to Count Towards Electives at HC</b>			
	CHEM 1312/1112 – General Chemistry II	4		
	**MATH 2313 – Calculus I	3		
	Additional Electives	9		
	EDUC 1100 - Learning Framework	1		
<b>Howard College hours transferable towards ASU Degree</b>		62		

After completion of all classes outlined above, the student may be eligible for

**Associate of Science degree from Howard College\*\*\*\***

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.

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

\*\*Students may need to take MATH 2312 - Precalculus before enrolling in 2313

\*\*\*\*While it is possible for students to complete 60 hours 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 Chemistry 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 after taking classes at ASU. 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

### **Pre-Health Options and Other Career Opportunities**

This option is ideal for students who want to pursue careers as pharmacists, lab technicians or other positions within the chemical industry. The program also prepares students for graduate or law school.

Pharmacy school	Environmental chemistry
Graduate school	Food and flavor chemistry
Medical school	Forensic chemistry
Law school	Materials science
Chemical engineering	Medicinal chemistry
Analytical chemistry	Organic chemistry
Biochemistry	Oil and petroleum
Biotechnology	Science writing

#### **Department of Chemistry**

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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)