



**Bachelor of Arts (B.A.)**  
**Mathematics**  
*with Optional Teacher Certification*

Core Area	Howard College Core Requirements	Hours	Term	Grade
010	ENGL 1301 - Composition I	3		
010	ENGL 1302 - Composition II	3		
020	Math 1316 – Plan Trigonometry	3		
030	*Life & Physical Science Core	4		
030	*Life & Physical Science Core	4		
040	ENGL 23XX - Sophomore Literature <b>OR</b> HUMA 2323 – World Cultures	3		
050	*Creative Arts Core	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	ENGL 23XX - Sophomore Literature <b>OR</b> HUMA 2323 – World Cultures	3		
090	SPCH 1315 - Public Speaking	3		
	<b>Additional Courses to Count Towards Electives at HC</b>			
	MATH 2312 - Precalculus	3		
	MATH 2413 – Calculus I	4		
	MATH 2414 – Calculus II	4		
	**Modern Language (Spanish) <u>and/or</u> ***Additional Electives	3		
	EDUC 1100 – Learning Frameworks	1		
<b>Howard College hours transferable towards ASU Degree</b>		<b>60</b>		

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)

\*\*Bachelor of Arts in Mathematics requires 12 hours of credit in one foreign language

\*\*\*Only 5 hours of transfer credit from HC can be counted towards electives at ASU. Students pursuing a Teacher Certification will only have 6 hours of electives that will count towards a degree at ASU.

### **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

### **Teacher Certification Requirements**

Students wishing to pursue a Teacher Certification will minor in Education. To obtain a Teacher Certification, students must have at least a C in their core competency classes as well as the following classes: HIST 1301 & 1302, GOVT 2305 & 2306, ENGL 1301 & 1302, MATH, SPCH 1315.

### **Career Opportunities**

Students learn mathematical principles, abstract thinking and problem-solving skills that are applicable across several fields, particularly the sciences, and help them quickly get up to speed with other industries. For more than 15 years, ASU students have maintained a 100 percent pass rate on the Texas Examination of Educator Standards (TExES) teacher certification test for secondary mathematics.

A mathematics degree can prepare you for a variety of careers, including:

Medicine	Education
Research	Consulting
Military	Actuarial Science
Business	Engineering
Industrial Technology	Computer Applications
Finance	

**Department of Mathematics**

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

325-942-2111

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)