

Bachelor of Science in Chemistry  
With Secondary Certification in Chemistry

**Howard College 2008-2009**

**1st and 2nd years at HC**

<b>ASU Course</b>	<b>HC Course</b>
Communication 2301 or 2331 (3 hrs)	Speech 1315 or 2341 (3 hrs)
English 1301 and 1302 and Sophomore Literature (9 hrs)	English 1301 and 1302 Any Sophomore Literature (9 hrs)
Government 2301 and 2302 (6 hrs)	Government 2301 and 2302 (6 hrs)
History 1301 and 1302 (6 hrs)	History 1301 and 1302 (6 hrs)
Math 2331* (3 hrs)	Math 2313 (3 hrs)
Biology 1410, 1411, 1480, 2401, 2402, 2403, 2411, 2423, 2424 <b>or</b> Geology 1401, 1402 (8 hrs lab science)	Biology 1407, 1406, 1411, 1413, 2420, 2401, 2402 <b>or</b> Geology 1403, 1404 (8 hrs lab science)
Physical Activity (1 hr)	Any Physical Activity (1 hr)
Social Science: Economics 2300, 2301, 2302 <b>or</b> Geography 2301 <b>or</b> Psychology 1303, 2301, 2304, 2305 <b>or</b> Sociology 2301, 1303, 2305, 2307 (3 hrs)	Economics 2301, 2302 <b>or</b> Geography 1301 <b>or</b> Psychology 2315, 2301, 2314, 2319 <b>or</b> Sociology 1301 (3 hrs)
Visual/Performing Arts: Art 1301, 1302, 1305, 2301, 2302 <b>or</b> Drama 1311, 1321, 1351, 2331, 2334 <b>or</b> Music 1310, 1341, 1342, 1351, 1361, 1375, 1376 (3 hrs)	Art 1301, 1413, 1303, 1304 <b>or</b> Drama 1310 <b>or</b> Music 1306, 1311, 1300, 1301 (3 hrs)
Physics 1421, 1422 (8 hrs)	Physics 1401, 1402 (8 hrs)
Chemistry 1411 and 1412 (8 hrs)	Chemistry 1411 and 1412 (8 hrs)

**Student may only use up to 66 JC credit hours toward degree plans at ASU.**

## Angelo State University 2008-2009

### 3rd and 4th years at ASU

#### Academic Major (First Teaching Field)

Chemistry 3151, 3152, 3201, 3351, 3352, 3421, and 4181	15
Chemistry (Advanced)	8

#### Other Requirements

Education 2323, 4321, 4322, 4323, 4973	21
Educational Psychology 3303	3
Reading 4320	3

<u>Electives</u>	12
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The above plan meets all core curriculum and general Bachelor of Science degree requirements.

The degree requires a minimum of 120 hours with a minimum of 45 advanced hours.

Revised August 2008

**IN ALL DEGREE SPECIALIZATIONS, THE CATALOG IS THE FINAL  
AUTHORITY**