

Bachelor of Science  
in Applied Physics

**Midland College 2008-2009**

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

<b>ASU Course</b>	<b>MC Course</b>
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*, 2332 (6 hrs)	Math 2413, 2414 (8 hrs)
Biology <i>1410, 1411</i> <b>or</b> Geology 1401, 1402 (8 hrs lab science)	Geology 1403, 1404 (8 hrs lab science)
Physical Activity (1 hr)	Any Physical Activity (1 hr)
Social Science: Economics <i>2300,</i> <i>2301, 2302</i> <b>or</b> Geography <i>2301</i> <b>or</b> Psychology <i>1303, 2301, 2304, 2305</i> <b>or</b> Sociology <i>2301, 1303, 2305,</i> <i>2307</i> (3 hrs)	Economics 2301, 2302 <b>or</b> Psychology 2315, 2301, 2314, 2319 <b>or</b> Sociology 1301, 2326 (3 hrs)
Visual and Performing Arts: Art 1301, 1302, 2301, 2302 <b>or</b> Drama 1311, 1351, 2331, 2334 <b>or</b> Music 1310, 1341, 1342, 1351, 1361, 1375, 1376 (3 hrs)	Art 1301, 1303, 1304 <b>or</b> Drama 1310, 1351, 1330 <b>or</b> Music 1306, 1310, 1311, 1301(3 hrs)
Chemistry 1411 and 1412 (8 hrs lab science)	Chemistry 1411 and 1412 (8 hrs lab science)
<i>Computer Literacy: Computer Science 1361</i> (3 hrs)	<i>No Equivalent Course Available</i>
Physics 1441, 2442 (8 hrs)	Physics 2425, 2426 (8 hrs)

## Angelo State University 2008-2009

### 3rd and 4th years at ASU

#### Academic Major

Mathematics 3333, 3335	6
Physics 3301, 3303	6
Physics 3331, 3341, 3461, 4181	11
Physics 3443, 3444, 4452, 4462 (choose three)	12
Physics (upper division)	3
Biology 1410, 1411 (if wanting to take Biology rather than Geology)	8
Computer Science 1361	3

Minor 18

Electives 9

\* The student is expected to have completed two years of high school algebra, one-half year of high school trigonometry, and a pre-calculus course. If not, the student will be advised whether Mathematics 1361, 1362 should be completed before enrollment in Mathematics 2331. The student must complete Mathematics 2331 and 2332 prior to the second year of study and must complete Mathematics 3333 and 3335 prior to the third year of study.

Minors – Students may select single or multiple area minors from any of those listed for a Bachelor of Science degree at Angelo State University. Students must complete 18 semester credit hours in a single area minor with six advanced hours in residence. Each discipline in a multiple area minor requires a minimum of nine hours with six advanced hours in residence. The Department of Physics must advise students on minor requirements. The following minor areas for the Physics degree are recommended: Chemistry, Computer Science, Business Administration, Mathematics, and Earth Science.

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

Revised August 2008

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