TEXAS A&M UNIVERSITY-SAN ANTONIO
University Access

BACHELOR OF SCIENCE IN MATHEMATICS: 48 HOUR DUAL CREDIT GUIDE

This transfer guide is meant for dual credit students interested in pursuing a major at Texas A&M University-San Antonio after high school graduation. Please use this guide to help choose dual credit courses that may be offered at your high school.
This is a guide and does not constitute an official degree plan.
Credit Hours Required for Degree: 120
Advanced Credit Hours: 36
*30 advanced hours required for this degree must be completed at A&M-SA to satisfy the residency requirement and highlighted courses can be taken in the dual credit program

Core Curriculum

College Course	College Course	Credits	High School Course
ENGL 1301	Composition I	3	English III or IV
ENGL 1302 or ENGL 2311	Composition II **OR** Technical Writing	3	English III or IV
MATH 2313	Calculus I	3	
PHYS 2325	University Physics I (See Required Support Courses)	3	
PHYS 2326	University Physics II (See Required Support Courses)	3	
Lang/Phil/Culture	Select **ONE** course from approved 040 core list	3	
Creative Arts	Select **ONE** course from approved 050 core list	3	
American History	Select **ONE** course from approved 060 core list	3	
American History	Select **ONE** course from approved 060 core list	3	
Government/Political Science	Select **ONE** course from approved 070 core list	3	
Government/Political Science	Select **ONE** course from approved 070 core list	3	
Social & Behavioral Sciences	Select **ONE** course from approved 080 core list	3	
SPCH 1315 or SPCH 1318	Fundamentals of Public Speaking or Interpersonal Communication	3	
Component Area Option Course from Approved List, excluding MATH 13XX courses	Select **ONE** course from approved 090 core list	3	
Total SCHs		**42**	**42**

Required Support Courses

(Courses may be taken at the community college)

College Course	College Course	Credits	High School Course
PHYS 2125	University Physics I (Lab: to be taken concurrently with PHYS 2325)	1	
PHYS 2126	University Physics I (Lab: to be taken concurrently with PHYS 2326)	1	
CSCI 1336	Programming Fundamentals	3	
CSCI 1136	Programming Fundamentals Lab	1	
Total SCHs		**6**	**6**

Completion of this degree plan requires that students have an overall 2.5 GPA in upper-level courses with at most two "D"s.

Note about core curriculum courses: Other courses may satisfy core curriculum requirements. Courses listed under the core curriculum above are also specific degree requirements and are recommended in the core to expedite degree completion. This is only a guide and does not constitute an official degree plan. To access the 2019-2020 A&M-SA catalog: http://www.tamusa.edu/provost/universitycatalog.html