



TEXAS A&M UNIVERSITY-SAN ANTONIO

University Access

## BACHELOR OF SCIENCE IN BIOLOGY CONCENTRATION IN CELL & MOLECULAR BIOLOGY: 61 HOUR 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

\*25% of courses must be taken at A&M-SA for degree and highlighted courses can be taken in the dual credit program

### Core Curriculum

College Course	College Course	Credit Hours	High School Course
ENGL 1301	Composition I	3	English III or IV
ENGL 1302 OR ENGL 2311	Composition II <b>OR</b> Technical Writing	3	English III or IV
MATH 2313	Calculus I	3	
BIOL 1306	General Biology I	3	
BIOL 1307	General Biology II	3	
Lang/Phil/Culture	Select <b>ONE</b> course from approved 040 core list	3	
Creative Arts	Select <b>ONE</b> course from approved 050 core list	3	
American History	Select <b>ONE</b> course from approved 060 core list	3	
American History	Select <b>ONE</b> course from approved 060 core list	3	
Government/Political Science	Select <b>ONE</b> course from approved 070 core list	3	
Government/Political Science	Select <b>ONE</b> course from approved 070 core list	3	
Social & Behavioral Sciences	Select <b>ONE</b> course from approved 080 core list	3	
CHEM 1311	Chemistry I	3	
CHEM 1312	Chemistry II	3	
<b>Total SCHs</b>		<b>42</b>	<b>42</b>

### Required Support Courses

(Courses may be taken at the community college)

College Course	College Course	Credit Hours	High School Course
MATH 2113	Calculus I laboratory	1	
CHEM 1111	General Chemistry I Lab	1	
CHEM 1112	General Chemistry II Lab	1	
CHEM 2323/2123	Organic Chemistry I w/lab	3/1	
CHEM 2325/2125	Organic Chemistry II w/lab	3/1	
PHYS 1301/1101	General Physics I w/lab	3/1	
PHYS 1302/1102	General Physics II w/lab	3/1	
<b>Total SCHs</b>		<b>19</b>	<b>19</b>

An earned letter grade of "C" in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

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>