



TEXAS A&M UNIVERSITY-SAN ANTONIO

University Access

BACHELOR OF SCIENCE IN BIOLOGY CONCENTRATION IN CELL & MOLECULAR BIOLOGY: 15 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 OR 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 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 | |
| CHEM 1311 | Chemistry I | 3 | |
| CHEM 1312 | Chemistry II | 3 | |
| Total SCHs | | 42 | 15 |

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 | |
| Total SCHs | | 19 | |

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>