

# Transfer Planning Guide 2022-2023

## Major in Microbiology

## (Pre-Dental, Pre-Medical, & Pre-Physician Assistant Concentrations)

## Bachelor of Science Degree (BS)

## 120 Credit Hours

Texas Education Code Section 61.822 requires that Texas public institutions facilitate the transferability of lower-division course credit through the **Core Curriculum**. The [Core Curriculum](http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/) contains nine Foundational Component Areas (42 hours), which every Texas State student must satisfy to graduate.

Texas State is a participant in the **Texas Common Course Numbering System** [(TCCNS).](https://www.tccns.org/) Use the TCCNS to find courses you can take at your institution to ensure transfer of credit toward freshman- and sophomore- level degree requirements at Texas State.

| Code | Course | Required Hours |
| --- | --- | --- |
| 010 | Communication | 6 required hours |
| 020 | Mathematics | 3 required hours *(see Recommended Core Curriculum Choices below)* |
| 030 | Life and Physical Sciences | 6 required hours *(see Recommended Core Curriculum Choices below)* |
| 040 | Language, Philosophy & Culture | 3 required hours *(see Recommended Core Curriculum Choices below)* |
| 050 | Creative Arts | 3 required hours |
| 060 | American History | 6 required hours |
| 070 | Government/Political Science | 6 required hours |
| 080 | Social and Behavioral Sciences | 3 required hours *(see Recommended Core Curriculum Choices below)* |
| 090 | Component Area Option | 6 required hours |

*Students will receive core credit at Texas State for any course successfully completed in the Core Curriculum of the sending institution.*

## RECOMMENDED CORE CURRICULUM CHOICES FOR THE BS in MICROBIOLOGY (PRE-DENT/PRE-MED/PRE-PA)

This degree requires specific courses for degree completion, and with wise planning, you may take courses that satisfy both the Core Curriculum and the BS requirements:

| Courses | TCCN | TEXAS STATE |
| --- | --- | --- |
| 020 Mathematics | MATH 2313 or 2413 | MATH 2321 or 2471 |
| 030 Life and Physical Sciences | CHEM 1311 & 1111\* | CHEM 1341 & 1141\* |
| 030 Life and Physical Sciences continued | CHEM 1312 & 1112\* | CHEM 1342 & 1142\* |
| 040 Language, Philosophy & Culture | PHIL 2306 | PHIL 1320 |
| 080 Social & Behavioral Sciences | PSYC 2301 | PSY 1300 |

*\*CHEM labs required for degree.*

## ADDITIONAL LOWER-DIVISION BS REQUIREMENTS

| TCCN | TEXAS STATE |
| --- | --- |
| BIOL 1306 & 1106 (or 1406) | BIO 1330 & 1130 |
| BIOL 1307 & 1107 (or 1407) | BIO 1331 & 1131 |
| BIOL 2416\*\* | BIO 2450 |
| BIOL 2421 | BIO 2400 |
| CHEM 2323 & 2123 | CHEM 2341 & 2141 |
| CHEM 2325 & 2125 | CHEM 2342 & 2142 |
| MATH 1342 or 2342 | MATH 2328 |
| PHYS 1301 & 1101 (or 1401)\*\*\* | PHYS 1315 & 1115\*\*\* |
| PHYS 1302 & 1102 (or 1402)\*\*\* | PHYS 1325 & 1125\*\*\* |

*\*\*Must include lab to transfer as BIO 2450.*

\*\*\**Calculus-based Physics will also be accepted (TCCN PHYS 2425/2426 = TXST PHYS 1430/2425)*

## UNIVERSITY ADMISSION:

1. Submit a completed [application,](https://www.admissions.txstate.edu/apply) all supporting documents, including an official high school transcript and transcript(s) from every institution attended and application fee, to the Office of Undergraduate Admissions by the stated [priority date.](http://www.admissions.txstate.edu/future/application-dates.html)
2. Students with **1-15 transferable hours** must have a minimum 2.0 GPA in all transferable course work and meet [freshman admission standards.](http://www.admissions.txstate.edu/future/freshman/admissions-requirements) Students with **16-29 transferable hours** must have a minimum 2.5 GPA in all transferable course work. Students with **30 or more transferable hours** must have a minimum 2.25 GPA in all transferable course work. All students must be eligible to return to all previous institutions and be at least one full semester out of high school.

Students transferring to Texas State from a community college may elect to follow the [Texas State](http://mycatalog.txstate.edu/) [Undergraduate Catalog](http://mycatalog.txstate.edu/) that was in effect at the time they enrolled at their community college. Students may also, with the approval of their College Dean, follow a subsequent catalog. Students are reminded to refer to their designated catalog for information related to University requirements for curriculum, graduation, probation/suspension, and other general information.

## FOR MORE INFORMATION, CONTACT:

Office of Undergraduate Admissions Texas State University

429 N. Guadalupe St.

San Marcos, Texas 78666

512.245.2364

<https://www.admissions.txstate.edu/>

College of Science and Engineering Advising Center

Centennial Hall, Room 202

512.245.9210

<https://www.cose.txstate.edu/advising/>

***Texas State reserves the right to withdraw courses at any time, to change its fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled.***

**JULY 2022**