

**Lone Star College System and  
The University of Texas at San Antonio**  
**Transfer Plan for the College of Sciences**

**Bachelor of Science in Biology or Microbiology and Immunology**

With or without one of the following concentrations: *Cell and Molecular Biology, Integrative Biology,  
Neurobiology, Plant Biology*

**UTSA Undergraduate Catalog 2016-2017**

<b>UTSA Core Curriculum taken at the Community College</b> <b>Any courses underlined here are required or recommended for this major.</b>	
<b>Communication (010)</b>	<b>6 Hours:</b> ENGL 1301, ENGL 1302
<b>Mathematics (020)</b>	<b>3 Hours:</b> MATH 1314, MATH 1325, MATH 1342, MATH 1332, MATH 2412, <b><u>MATH 2413*</u></b>
<b>Life and Physical Sciences (030)</b> <i>Choose any two from this list</i>	<b>6 Hours:</b> ANTH 2301, PHYS 1403, PHYS 1404, BIOL 1408, BIOL 1409, <b><u>BIOL 1406*</u></b> , <b><u>BIOL 1407*</u></b> , ENVR 1401, ENVR 1402, GEOL 1404, GEOL 1405, GEOG 1301, PHYS 1410, PHYS 2425, PHYS 2426
<b>Language, Philosophy, and Culture (040)</b>	<b>3 Hours:</b> ARAB 1411, CHIN 1411, ENGL 2332, ENGL 2333, ENGL 2341, FREN 1411, GERM 1411, GEOG 1303, HIST 2321, HIST 2322, HUMA 1305, PHIL 1304, ITAL 1411, JAPN 1411, PHIL 2303, PHIL 2306, PHIL 2316, SPAN 1411
<b>Creative Arts (050)</b>	<b>3 Hours:</b> ARTS 1303, ARTS 1304, ARTS 1301, DANC 2303, HUMA 1301, HUMA 1302, HUMA 1311, MUSI 1307, MUSI 1310, MUSI 1306
<b>American History (060)</b> <i>Choose any two from this list</i>	<b>6 Hours:</b> HIST 1301, HIST 1302, HIST 2301
<b>Government - Political Science (070)</b>	<b>6 Hours:</b> GOVT 2305, GOVT 2306
<b>Social and Behavioral Sciences (080)</b>	<b>3 Hours:</b> ANTH 2302, ANTH 2346, ANTH 2351, CRIJ 1301, ECON 2301, ECON 2302, GEOG 1300, GEOG 1302, PHED 1304, PSYC 2301, SOCI 1301, SOCI 1306
<b>Component Area Option (090)</b> <i>AIS 1203 and one from this list or any other course listed above</i>  <i>If fulfilling this requirement at the community college, both courses can be taken from the bottom list or two other courses listed above.</i>	<b>3 Hours:</b> AIS 1203 (Academic Inquiry and Scholarship) is not offered at Lone Star College System.  <b>3 Hours:</b> CS 1173 (Data Analysis and Visualization) is not offered at Lone Star College System.
<b>Total Hours for the UTSA Core Curriculum completed at the community college      45</b>	

**Things to do and remember at the Community College:**

- Read the Community College catalog for course descriptions and prerequisites.
- Visit with a Community College counselor for help with course sequencing and availability as it could affect the time it takes to complete the entire degree program.
- Remember that a maximum of 66 transferable semester credit hours from a community college can be applied to a bachelor's degree at UTSA. (Adjustments can be made for courses with lab hours.) Developmental education, orientation, life experience, mathematics below the College Algebra level, and vocational-technical courses are not acceptable for transfer credit.
- Visit with a UTSA Transfer Specialist or email them at [Transfer@utsa.edu](mailto:Transfer@utsa.edu) if you have questions about the transfer plan or UTSA admissions requirements and policies.
- Be sure to apply for admission to UTSA at least one semester prior to intended transfer term. There are application deadlines, which are found at [www.utsa.edu](http://www.utsa.edu) >Future Students>Academic Services>Admissions.

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**The following courses apply to this major regardless of concentrations:**

<u>TCCN</u>	<u>Title</u>	<u>Hours</u>	<u>UTSA</u>
CHEM 1411*	General Chemistry I	4	CHE 1103 & 1121
CHEM 1412*	General Chemistry II	4	CHE 1113 & 1131
CHEM 2423*	Organic Chemistry I	4	CHE 2603 & 2612 (1 hour)
BIOL 2416*	Genetics	4	BIO 2313 & 2322 (1 hour)

**NOTES:**

\* *Must be completed with a "C-" or better for acceptance into degree program at UTSA*

**Special Department Admission Requirements**

In order to declare either a major in Biology or a major in Microbiology and Immunology, a student's academic performance will be evaluated after the five courses listed below have been completed. To declare either major, a PBI student must have:

- a grade point average of at least 2.0 for all UTSA coursework
- a grade point average of at least 2.25 for all UTSA Department of Biology coursework
- successfully satisfied all three sections (mathematics, reading, and writing) of the Texas Success Initiative (TSI)
- successfully completed the following or equivalent courses with a grade of "C-" or better:
  - BIO 1404 Biosciences I
  - BIO 1413 Biosciences II
  - CHE 1103 General Chemistry I
  - MAT 1193 Calculus for the Biosciences
  - PHY 1943 Physics for Scientists and Engineers I or PHY 1603 Algebra-based Physics I

**Things to do and remember upon Admission to UTSA:**

- Make an appointment with the academic advisor of the major once accepted to UTSA to clarify department, college and university policies and procedures, to review course sequencing and to help with identifying resources for academic success. A current listing of academic advising centers can be found at the following link: [www.utsa.edu/advise/advisors.html](http://www.utsa.edu/advise/advisors.html).
- Refer to the official source of information on specific courses within the UTSA requirements for this degree plan from the 2016-2017 Undergraduate Catalog or visit the web site at [www.utsa.edu](http://www.utsa.edu).
- Information on Gateway Courses can be found here: <http://www.utsa.edu/registrar/students/gateway.html>.
- This degree program requires a "C-" or better on all major and support courses.
- Read the UTSA Undergraduate Catalog and Student Information Bulletin.
- Pay close attention to course sequencing and availability at UTSA as it will affect the time it takes to complete the degree program.

*We are pleased that you intend to transfer to UTSA to complete your Bachelors degree. This transfer plan ensures that these courses will transfer to UTSA with earned grades of "D" or higher for this degree program. Please note that some majors require a grade of "C-" or better and this is stated in the UTSA catalog for the particular major.*

*If you have any questions about community college courses that do not appear on this transfer plan, please contact the transfer specialist at [Transfer@utsa.edu](mailto:Transfer@utsa.edu). This plan was created from the curriculum listed in the 2016-2017 UTSA Undergraduate Catalog and the community college catalog available at the time of production.*

*Office of Undergraduate Studies  
The University of Texas at San Antonio*