

**Southwest Texas Junior College and  
The University of Texas at San Antonio**  
**Transfer Plan for the College of Engineering**  
**Bachelor of Science in Biomedical Engineering**  
**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>Communications (010)</b>	<b>6 Hours:</b> ENGL 1301, ENGL 1302
<b>Mathematics (020)</b>	<b>3 Hours:</b> MATH 1314, MATH 1325, MATH 1332, MATH 1342, MATH 2312, <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> BIOL 1308, BIOL 1309, <b><u>BIOL 1306</u></b> , BIOL 1307, BIOL 1411, BIOL 1413, GEOL 1404, <b><u>PHYS 2325*</u></b> , PHYS 2326
<b>Language, Philosophy &amp; Culture (040)</b>	<b>3 Hours:</b> ENGL 2332, ENGL 2333, PHIL 2306, SPAN 1411
<b>Creative Arts (050)</b>	<b>3 Hours:</b> ARTS 1303, ARTS 1304, ARTS 1301, ARTS 1325, DANC 2303, HUMA 1301, HUMA 1302, HUMA 1315, MUSI 1303, 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 2346, CRIJ 1301, ECON 2301, ECON 2302, GEOG 1300, 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 Southwest Texas Junior College.  <b>3 Hours:</b> SPCH 1315, ENGL 2311
<b>Total Hours for the UTSA Core Curriculum completed at the community college      43</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 the major:

<u>TCCN</u>	<u>Title</u>	<u>Hours</u>	<u>UTSA</u>
PHYS 2326*	University Physics II	3	PHY 1963
PHYS 2125*	University Physics Laboratory I	1	PHY 1951
PHYS 2126*	University Physics Laboratory II	1	PHY 1971
MATH 2414*	Calculus II	4	MAT 1224
CHEM 1311*	General Chemistry I	3	CHE 1103
CHEM 1312*	General Chemistry II	3	CHE 1113

**NOTES:**

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

**Special Department Admission Requirements**

**Transfer Students:** All transfer students must meet the minimum admission requirements for the College of Engineering and the Biomedical Engineering program (see catalog). Transfer students must also meet the minimum Good Academic Standing Requirements for a Biomedical Engineering Major in order to be considered for admission to the Biomedical Engineering program. Additionally, transfer students should also have completed at least 15 semester credit hours of mathematics, science, or engineering courses, and have an overall grade point average of a 3.0 or better. Admissions to the biomedical engineering program will be competitive; meeting the aforementioned requirements does not guarantee admission to the program. Admission will be restricted only to the most qualified applicants.

The minimum requirements that a student must satisfy in order to remain in good standing as a biomedical engineering major are stated below:

- A cumulative grade point average (GPA) of at least 3.0 for all coursework (cumulative GPA will be calculated on all courses, including previously attempted or repeated courses).
- An average GPA of at least 3.0 for all science, mathematics and engineering coursework (GPA will be calculated on all courses, including previously attempted or repeated courses).

Students who fail to meet the above requirements but have a minimum cumulative GPA of 2.5 or above will be placed on programmatic probation in the following semester. Students who fail to maintain good academic standing after a semester of programmatic probation or who have a cumulative GPA below 2.5 will be deemed to be not in good academic standing as a biomedical engineering major and will be removed from the program.

**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 major 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