

TRANSFER ARTICULATION: MATHEMATICS

The Department of Mathematics and Statistics (<https://www.shsu.edu/academics/mathematics-and-statistics/>) has designed a curriculum that is flexible enough to accommodate degree plans that emphasize abstract mathematics, statistics, and mathematics teacher preparation. An undergraduate degree in mathematics prepares a student for a wide variety of career opportunities in business, industry, and education, which call for analytic and problem-solving abilities.

Students who are interested in becoming a high school mathematics teacher can choose one or two teaching fields as an option. Contact the Department of Mathematics and Statistics at stat@shsu.edu or (936) 294-1564 for further details.

The Department offers both Bachelor Arts of Bachelor of Science degrees in Mathematics. In the BA program, there are 36 required hours of mathematics as opposed to 39 hours in the BS program. Additionally, students seeking a BA must take freshmen and sophomore courses of a foreign language. Students seeking the BS replace the foreign language requirement with coursework in the sciences. In particular, students in this degree program are required to take calculus-based physics as partial fulfillment of their degree requirements. Proper selection of science courses designated for "majors" may enhance your employability.

[Table]

The Core Curriculum (<http://catalog.shsu.edu/archives/2020-2021/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/>) at Sam Houston State University (to be used by all incoming students as of fall 2014) contains 42 semester credit hours, encompassing nine component areas. Each component area has a minimum credit hour requirement and a selection of specific courses that may be used to satisfy the requirement. The Core Curriculum (<http://catalog.shsu.edu/archives/2020-2021/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/>) details Sam Houston State University courses and their Texas Common Course Number (TCCN) equivalents for college transfer students which comprise SHSU's core curriculum.

Many SHSU disciplines including the sciences, business, and education require specific courses from the SHSU core as degree specific graduation requirements. To minimize cost and time to complete degree requirements always select SHSU/transfer core courses specified as degree requirements in your intended major. If you have not decided on a major, select core courses supporting your intended area of academic concentration.

Prior to enrolling in core classes, students are encouraged to review specific degree requirements for their major. Selection of major-specified core courses reduces the total number of hours required for graduation.

If you do not see a Texas Common Course Number (TCCN) mapping a specific core course to your transfer institution, please go to Transfer Course Equivalency Guide (<https://ww2.shsu.edu/regr27wp/>) and select your institution from the drop-down menu. The result will list all currently mapped transfer courses from your institution to SHSU courses.