Mathematics
College of Arts and Sciences
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math.tamu.edu

2022-2023 Transfer Course Sheet
Minimum GPA | 3.0 overall GPA
Minimum Transferable Hours | 24
Maximum Transferable Hours | 90
Second-Choice Major Eligible | YES

Required Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Engineering Math I	4	MATH 2413	MATH 151
Engineering Math II	4	MATH 2414	MATH 152
Approved Science	8	CHEM 1411 (or 1311+1111)	CHEM 119
		CHEM 1412 (or 1312+1112)	CHEM 120
		BIOL 1406 (or 1306+1106)	BIOL 111
		BIOL 1407 (or 1307+1107)	BIOL 112
		PHYS 1403 (or 1303+1103)	ASTR 111
		PHYS 2425 (or 2325+2125)	PHYS 206/226
		PHYS 2426 (or 2326+2126)	PHYS 207/227

- Courses listed should be completed with a **grade of B or better**.
- Students may have to complete Trigonometry and Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
- Pre-Calculus is a transferable course but **will not** satisfy the Mathematics requirement in this degree plan.
- Up to 8 hours of MATH courses above Calculus II (MATH 2415, 2320, etc.) can replace up to 8 hours of Approved Science courses in exceptional cases.

Below is a typical Math major's schedule during the first four semesters. If you plan to transfer to TAMU as a Math Major, please align your current degree plan so that you satisfy as many of the requirements below as possible.

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2413	MATH 151	Engineering Math I	4
GOVT 2305	POLS 206	American National Government	3
	See list above	Approved Life and Physical Sciences	4
ENGL 1301 or 1302	ENGL 103 or 104	Composition & Rhetoric	3
		Total	**14**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2414	MATH 152	Engineering Math II	4
GOVT 2306	POLS 207	State & Local Government	3
	See list above	Approved Life and Physical Sciences	4
COSC 1420	CSCE 206	C Programming	4
		Total	**15**

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2315/ 2415	MATH 251/253	Engineering Math III	3-4
HIST 1301	HIST 105	History of the U.S.	3
SPCH 1315 or 2335	COMM 203 or 243	Communication	3
	core.tamu.edu	Creative Arts	3
		Total	**12-13**

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2320*	MATH 308	Differential Equations	3
PHYS 2425 (2325+2125)	PHYS 206+226	Physics - Mechanics	4
HIST 1302	HIST 106	History of the U.S.	3
	core.tamu.edu	Language, Philosophy, and Culture	3
		Total	**13**

- * Contact the Math Department prior to enrolling in MATH 2320 to determine whether MATH 2320 at your institution is equivalent to MATH 308 at TAMU.
- All core curriculum coursework (other than Math and Science Required Coursework) should be completed with a **grade of C or better**.
- Consider taking courses that fulfill the 6 hours of International and Cultural Diversity and/or Cultural Discourse requirement when completing the Social and Behavioral Sciences, Creative Arts, and Language, Philosophy and Culture requirements (see core.tamu.edu).

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Coursework Timeline
- Competitive applicants should have the Required Coursework completed by the application deadline.
- Applicants to the spring term should have the Required Coursework completed by the end of the Summer II semester. Applicants to the summer/fall term may be put on HOLD and the final decision made after spring semester final grades are submitted to the Admissions Office.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.

Additional Transfer Requirements
- Transfer applicants should have completed two full semesters (fall and spring) of **24** transferable hours (minimum) after graduating from high school.
- The Department of Mathematics is looking for students who are seriously interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be considered for transfer to Math. The essay and supporting materials should reflect the student's interest in Mathematics.
- Meeting minimum requirements **does not** guarantee admission. The entire record is reviewed for consistency in coursework and grades.

Additional Information
- Transfer applicants are instructed **NOT** to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.

Career & Educational Opportunities
Theoretical mathematicians develop new mathematical principles and examine the relationships between existing principles of mathematics. The mathematics major at Texas A&M University is available in both the Bachelor of Arts (BA) degree plan and Bachelor of Science (BS) degree plan. The BA option is intended for students who are interested in a traditional liberal arts education in mathematics, and a minor field of student must be chosen for this degree option. Alternatively, the BA Math degree is a great option for students who are interested in pursuing certification to teach math at the high school level. The BS option provides the student with an in-depth study of both science (physics, chemistry, biology) and mathematics, leading to careers in industry or preparing students for graduate study in mathematics. With carefully chosen electives in education, either of the above degree plans can lead to teacher certification. For more information please visit careercenter.tamu.edu.

Transfer Course Sheet Notes
1. Admission preference is given to applicants with the highest GPA, the most appropriate courses completed, and a strong indication of interest in applied mathematics.
2. Transfer applicants are encouraged to complete University Core Curriculum coursework found in the Undergraduate Catalog unless specified above.
3. This Transfer Course Sheet was created in a partnership between the Office of Admissions and the College of Arts and Sciences at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.