The University of Texas at Austin
College of Natural Sciences

Bachelor of Arts – Mathematics Major, Standard Option (BA) 2020–22 Checklist

CORE CURRICULUM

Core courses must be chosen from approved lists.
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	Minimum Hours Required
First Year Signature Course	3
English Composition	3
Humanities	3
American & Texas Government	6
American History	6
Social & Behavioral Science	3
Mathematics *(Fulfilled by course in major)*	0
Science & Technology-I	3
Science & Technology-II	6
Visual & Performing Arts	3

SKILLS & EXPERIENCE FLAGS

Flags attached to courses are displayed in the online Course Schedule.

Two Writing Flags:	☐ ☐
1. Core Writing Flag *(cannot also fulfill another core curriculum requirement)*	
2. Additional Writing Flag *Note: One of the two writing flags must be upper-division.*	
One Quantitative Reasoning Flag	☐
One Global Cultures Flag	☐
One Cultural Diversity in the U.S. Flag	☐
One Ethics and Leadership Flag	☐
One Independent Inquiry Flag	☐

FOREIGN LANGUAGE

Attainment of an intermediate level of competency in a language other than english by completing 1 of the following:	6–18
a. certified proficiency on a placement or credit-by-examination test b. a passing grade in a language course listed in the College of Liberal Arts section (page 332) c. Students who wish to meet the requirement with proficiency in a language not listed in the table found in the College of Liberal Arts section above should contact the Texas Language Center	

SOCIAL SCIENCE

3 hours from a list of approved courses maintained by the College of Liberal Arts, in addition to the course used to fulfill the social & behavioral science core requirement. The course must be in a different field of study from the course used to fulfill the social & behavioral science core curriculum requirement.	3

CULTURAL EXPRESSION, HUMAN EXPERIENCE, AND THOUGHT

3 hours from a list of approved courses maintained by the College of Liberal Arts. A course counted toward the core curriculum may not also be counted toward this requirement.	3

NATURAL SCIENCE

6 hours *(Fulfilled by courses in major)*	6

MATHEMATICS MAJOR STANDARD OPTION

	Minimum Hours Required
Calculus, choose 1 sequence:	8
M 408C * & 408D M 408N & 408S M 408K & 408L * M 408N & 408S, or 408K & 408L, may substitute for M 408C.	
Linear algebra:	3
M 341 or 340L	
1 chosen from:	3
M 325K, 328K, 343K, or 373K	
Real analysis:	3
M 361K or 365C	
Probability:	3
M 362K	
1 chosen from:	3
M 333L, 339J, 339U, 343L, 343M, 344K, 348, 358K, 361, 367K, 368K, 372K, 374M, 376C, 378K	
Additional math:	9
9 additional hours of upper-division Math	

ELECTIVES

Enough elective hours to reach 120 total	VARY
(The number of elective hours needed may vary depending on course selections.)	

ADDITIONAL GRADUATION REQUIREMENTS

- ☐ Minimum 18 hours of major in residence, including 6 upper-division hours
- ☐ Minimum 21 upper-division hours in residence
- ☐ Minimum 60 hours in residence overall
- ☐ Minimum 36 upper-division hours
- ☐ 120 hours total overall
- ☐ Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
- ☐ Minimum UT-Austin Grade Point Average of 2.5
- ☐ Must apply to graduate during final semester
- ☐ 2020–22 Catalog expires August 2028