











Bachelor of Science in Mathematics: Sample 4-Year Plan (2016-2018)

Year One	
M 408C 	M 408D
UGS 302 or 303	Science & Technology I course (4 hrs)
Science & Technology I course (4 hrs)	RHE 306 or Social & Behavioral Science
RHE 306 or Social & Behavioral Science	Elective
	Elective
Year Two	
One course from M 427L, 427J  , 341, 362K	One course from M 427L, 427J  , 341, 362K
One course from M 427L, 427J  , 341, 362K	M 325K or 328K
CS 303E (Science & Technology II course)	GOV 310L
E 316L, M, N, or P	Elective
Elective	Elective
Year Three	
Upper-division math course	One course from M 343K, 361K, 365C, 367K, 373K
Upper-division math course	Upper-division math course
GOV 312L	U. S. History
Elective	Elective
Elective	Elective
Year Four	
Upper-division math course	Upper-division math course
Upper-division math course	Math in Context course
U.S. History	Visual & Performing Arts
Elective	Upper-division elective
Upper-division elective	Elective (if needed to reach 120 total hours)

120 total hours required for this degree

Courses that fulfill core requirements are designated in the course schedule

Flag Requirements:

	Quantitative Reasoning Flag (1)
	Writing Flag (2)
	Independent Inquiry Flag (1)
	Cultural Diversity Flag (1)
	Ethics and Leadership Flag (1)
	Global Cultures Flag (1)

- Course flags are required for graduation and may overlap with other required courses
- One of the 2 writing flags must be upper-division; only one writing flag may overlap with the core
- Course flags are designated in the course schedule
- Only courses taken at UT carry flags
- *Ideas for fulfilling flag requirements can be found on the back of this 4-year plan*

Degree Planning Resources:

Interactive Degree Audit
<http://registrar.utexas.edu/students/degrees/ida>
 Official Degree Plans
<https://cns.utexas.edu/degree-checklists>
 Credit by Exam
<http://learningsciences.utexas.edu/studenttesting/>
 Core Curriculum
<http://ugs.utexas.edu/core/requirements>

Mathematics, Physics & Astronomy
 Advising Center
 RLM 4.101
 512.471.0900
<https://cns.utexas.edu/mpa-advising>

Course	Course Title	WR	CD	EL	GC	II	QR
M 408C	Differential & Integral Calculus						X
M 408K/N	Differential Calculus/for Science						X
M 408L/S	Integral Calculus/for Science						X
M 325K	Discrete Mathematics					*	
M 427J	Differential Equations with Linear Algebra						X
M 328K	Introduction to Number Theory					*	
M 329F	Theory of Interest					*	X
M 339C	Actuarial Case Studies					X	
M 339J	Probability Models with Actuarial Applications						X
M 339U	Actuarial Contingent Payments I						X
M 339V	Actuarial Contingent Payments II						X
M 339W	Financial Mathematics for Actuarial Applications						X
M 343L	Applied Number Theory						X
M 346	Applied Linear Algebra						X
M 348	Scientific Computation in Numerical Analysis						X
M 349R	Applied Regression & Time Series						X
M 358K	Applied Statistics						X
M 361K	Introduction to Real Analysis					*	
M 362M	Introduction to Stochastic Processes						X
M 367K	Topology I					*	
M 368K	Numerical Methods for Applications						X
M 372K	Partial Differential Equations & Applications						X
M 175-475	Conference Course					X	
M 375D	Discov: Intro to Advanced Studies in Mathematics					X	
M 375T	Topics in Math					*	
M 378N	Generalized Linear Models						X
M 379H	Honors Tutorial Course					X	X

X – will contain specified flag

* - may contain flag for specific instructor – check Course Schedule to verify for a given semester

*****How Can I Complete Flags Within Courses Required By My Major?*****

Statements below give suggestions about how/where to get your University Flags within the requirements for your degree. A course can carry up to three flags, fulfilling multiple flag requirements. **However, the same course cannot be used to satisfy the GC and CD Flags even if the course carries both flags.** Flag courses must be taken for a grade.

Writing (WR): (2 total Writing Flags are required - one must be upper division) Typically students get these flags from Core courses, courses for a minor or certificate they are pursuing, or general electives.

Quantitative Reasoning (QR): See chart above for math courses that carry this flag.

Independent Inquiry (II): See chart above for math courses that carry this flag. In some cases every section of a course carries the flag and in others only sections taught by particular instructors have the flag.

Cultural Diversity in the US (CD): Students can get this flag from a Core course (HIS, VAPA, etc.), a course for a minor or certificate they are pursuing, or a general elective.

Global Cultures (GC): Courses that may carry this flag include Core courses, courses for a minor or certificate, or general electives.

Ethics/Leadership (EL): Students can get this flag from a Core course (example: certain sections of GOV 312L), a course for a minor or certificate, or a general elective.