

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

Year One	
M 408N QR	M 408S QR
ECO 304K QR	ECO 304L QR
ACC 310F QR	C S 303E (Science & Technology Part II)
UGS 302 or 303	Visual & Performing Arts or RHE 306
Visual & Performing Arts or RHE 306	Elective
Year Two	
M 408M	M 329F QR
M 362K	M 341
M 325K (recommended, or M 328K)	Science & Technology I course (4 hrs)
Science & Technology I course (4 hrs)	E 316L, M, N, or P
Elective	Elective
Year Three	
M 339D	M 339J QR
M 358K or M 378K	M 339W* QR
GOV 310L	GOV 312L
Writing Flag	Writing Flag (upper-division)
Elective	Elective
Year Four	
M 349P*	M 339V* QR
M 339U* QR	U S History
FIN 357	Elective
U S History	Elective
Elective	Elective (if needed to reach 120 hours)

**2 courses chosen from M 339V, 339W, and 349P; 1 course chosen from M 339C, 339V, 339W, 349P, 349R, 378K*

120 total hours required for this degree

Courses that fulfill core requirements are designated in the course schedule

Flag Requirements:

QR	Quantitative Reasoning Flag (1)
Wr	Writing Flag (2)
II	Independent Inquiry Flag (1)
CD	Cultural Diversity Flag (1)
EL	Ethics and Leadership Flag (1)
GC	Global Cultures Flag (1)

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>

- 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*

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 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 349R	Applied Regression & Time Series						X
M 358K	Applied Statistics						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.