# Bachelor of Science in Mathematics

## Option I: Actuarial Science

**2010-12 Catalog (Expires August 2018)**

### University Core Curriculum

<table>
<thead>
<tr>
<th>First-Year Signature Course</th>
<th>English: RHE 306</th>
<th>Humanities: E 316K</th>
</tr>
</thead>
<tbody>
<tr>
<td>English: RHE 306</td>
<td>6 hrs from approved core list</td>
<td>6 hrs from approved core list</td>
</tr>
<tr>
<td>Humanities: E 316K</td>
<td>3 yrs from approved core list</td>
<td>3 yrs from approved core list</td>
</tr>
</tbody>
</table>

**American & Texas Government:** 6 hrs from approved core list
**Social and Behavioral Science:** 3 hrs from approved core list

**Science and Technology Part I:** 6 hrs in a single subject from approved core list
**Science and Technology Part II:** 3 hrs from a subject other than the one chosen for Part I from approved core list.

**Visual & Performing Arts:** 3 hrs from approved core list

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**Additional General Education Requirements**

**Substantial Writing Components and/or Writing Flags (including a course that is not used to meet a core requirement and a course that is upper-division):** _____ + _____

**Substantial Writing Components and Writing Flags may satisfy other specific degree requirements**

**Foreign Language:** Courses 506 and 507 (or the equivalent) in a single foreign language, and a three-semester-hour course in the same language for which 507 is a prerequisite. _____ + _____ + _____

### Introductory Mathematics and Science, with grades of C- or better

<table>
<thead>
<tr>
<th>Mathematics:</th>
<th>M 408C</th>
<th>M 408D</th>
<th>M 408N</th>
<th>M 408S</th>
<th>M 408M</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 408C</td>
<td>M 408D</td>
<td>OR M 408N</td>
<td>M 408S</td>
<td>M 408M</td>
<td></td>
</tr>
<tr>
<td>or an equivalent calculus sequence</td>
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**Natural Science:** 8 hours in one of the following areas: Astronomy, Biology, Chemistry, Geological Sciences or Physics

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### Option Requirements with grades of C- or better

**ACF 329** + **ECO 304K** + **ECO 304L** + **ACC 310F** (or **ACC 311** and **ACC 312**) + **FIN 357**

At least 32 hours of upper division coursework in mathematics and supporting areas consisting of:

**Mathematics 341** (or **M 340L** if already taken)

*M 340L is restricted to non-math majors*

**M 362K** + **358K** OR **M 378K**

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One of the following courses: **M 328K**, **343K**, **361**, **361K**, **365C**, **367K**, and **373K**:

**M 339U** (offered fall semester only) + **M 339J** (offered spring semester only)

Two of the following courses: **M 339V** (spring only), **349R** (spring only), **339W** (fall only), **349P** (fall only):

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Note: Courses should be chosen in consultation with the specialization advisor to form a coherent program consistent with the student’s background and goals.
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Enough Additional Coursework to Reach a Total of 126 Hours (including 42 Upper-division Hours)

_________ ________ ________ ________ ________ ________ ________ ________

6 upper division semester hours outside of both mathematics and subject areas listed in “Introductory Mathematics and Science Courses” are needed. Philosophy courses in logic, computer science courses in discrete mathematics, and engineering courses may not be used. Courses used to satisfy the 32 semester hours of upper-division coursework in mathematics and supporting areas may not count for this requirement.

Minimum Grade Point Average Requirements

2.0 grade point average in all mathematics and science courses required by degree*: ______
2.0 grade point average in all courses taken at the University of Texas at Austin: ______

* Required Mathematics and Science courses may include: ACF, AST, BIO, CH, CS, EVS, GEO, HDF, HE, M, NSC, NTR, PHY, SSC, TXA, and UTS-Natural Sciences.

Total Hours and Residency Requirements

126 semester hours: ______ 42 upper-division hours ______
60 hours in residence: _____ 24 of the last 30 hours in residence: ______
No more than 16 hours of electives may be taken Pass/Fail. 18 hours of math coursework in residence: _____

Students completing an additional degree must complete 24 hours in addition to those counted toward the bachelor's degree that requires the higher number of credit hours.

Additional Information

The following courses will not count toward this degree: M 301, M 304E, M 403K, M 403L, M 305G, M 505G, M 316K, M 316L, M 360K, M 378S (or equivalent courses), KIN 119 or PED one-hour activity courses. No more than 12 semester hours of bible coursework may be counted toward the degree. See catalog for restrictions about using ROTC coursework.

CNS Academic Records October 2011