## Bachelor of Science in Mathematics

### A Suggested Sequence of Required Courses for a McLennan transfer student (2017-2018 Catalog)

#### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td><strong>MCCLENNAN</strong></td>
<td><strong>BU</strong></td>
</tr>
<tr>
<td>CHA 1088</td>
<td>Chapel</td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENGL 1302</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Lab Science</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>MTH 1321</td>
</tr>
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#### Sophomore Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>MCCLENNAN</strong></td>
<td><strong>BU</strong></td>
</tr>
<tr>
<td>ENGL 2321 or 2322</td>
<td>ENGL 2301</td>
</tr>
<tr>
<td>PHIL 1317</td>
<td>REL 1350</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>CSI 1430</td>
<td>Intro to Computer Science I with Lab</td>
</tr>
<tr>
<td>MTH 2321</td>
<td>Calculus III</td>
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#### Junior Year

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<th>Spring</th>
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<tbody>
<tr>
<td><strong>MCCLENNAN</strong></td>
<td><strong>BU</strong></td>
</tr>
<tr>
<td>ENGL 3300</td>
<td>Professional &amp; Technical Writing</td>
</tr>
<tr>
<td>See Reverse</td>
<td>History/Social Science</td>
</tr>
<tr>
<td>See Reverse</td>
<td>PSC 2302</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Lifetime Fitness</td>
</tr>
<tr>
<td>MTH 3300</td>
<td>Foundations of Mathematics</td>
</tr>
<tr>
<td>Math Advanced Elective</td>
<td>Math Elective</td>
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#### Senior Year

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<th>Spring</th>
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<td><strong>MCCLENNAN</strong></td>
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<tr>
<td>Math Elective</td>
<td>Math Elective</td>
</tr>
<tr>
<td>Math Advanced Elective</td>
<td>Math Advanced Elective</td>
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<tr>
<td>See Reverse</td>
<td>Lifetime Fitness</td>
</tr>
<tr>
<td>Advanced Elective*</td>
<td>Elective*</td>
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<tr>
<td>Elective*</td>
<td>Elective*</td>
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### Notes about major requirements:

- **MTH Electives**: choose one from the following options based on semester availability.
  1. One of MTH 3323 or 4326
  2. One of MTH 3312 or 4314
  3. One of MTH 3325, 4312 or 4322

- **MTH Advanced Electives**: An additional nine semester hours of mathematics courses at the "3000" level or above are required.

- **Complete 8 hours of science with appropriate labs**: BIO 1305/1105, 1306/1106, CHE 1301/1101, 1302/1102, ENV 1301/1101, NSC 1306/1106, PHY 1420, 1430 or GEO 1406. Only one from: GEO 1401, 1402, 1403, 1405, 1408.

- **English requirement**: It is recommended that science majors take ENG 3300 their junior year rather than ENG 1304.

- A grade of "C" or better must be earned in all 39 hours of math.

- For more information, see the Baylor Undergraduate Catalog.

*Because of the number of electives, there is enough room for a minor or double major.

Please see reverse side for important information on general requirements.
## Bachelor of Science (BS) Degree Checklist
(2017-2018 Baylor Undergraduate Catalog)

### English:
- **ENGL 1301**
  - **ENG 1302**
  - Thinking and Writing
- **ENGL 1302**
  - **ENG 1304**
  - Thinking, Writing & Research
- **ENGL 2306**
  - **ENG 2306**
  - World Literature
- **ENG 2321 or 2322**
  - **ENG 2301**
  - British Literature
- **ENG 2326, 2327, 2328**
  - **ENG 2304**
  - American Literature

### Science:
- **BOL 1406**
  - **BIO 1305-1105**
  - Modern Concepts of Bioscience
- **BOL 1407**
  - **BIO 1306-1106**
  - Modern Concepts of Bioscience, Continued
- **GEOL 1404**
  - **GEO 1406**
  - Earth Through Time
- **NSC 1306-1106**
  - Introduction to Neuroscience
- **CHEM 1411**
  - **CHE 1301-1101**
  - Basic Principles of Chemistry I
- **CHEM 1412**
  - **CHE 1302-1102**
  - Basic Principles of Chemistry II
- **PHY 1408**
  - General Physics for Nat. & Behavioral Sci
- **PHY 1409**
  - Gen. Physics for Nat. & Behavioral Sci II
- **PHY 1420**
  - General Physics I
- **PHY 1430**
  - General Physics II
- **ENVR 1301-1101 or 1302-1102**
  - **ENV 1301-1101**
  - Exploring Environmental Issues and Lab

### History/Social Science:
- **ANTH 2346**
  - **ANT 1305**
  - Introduction to Anthropology
- **ECON 1301**
  - **ECO 1305**
  - Survey of Econ. Princ. For Non-bus. Majors
- **ECO 2301**
  - **ECO 2307**
  - Principles of Microeconomics
- **ECO 2307**
  - **ECO 2307**
  - Principles of Macroeconomics
- **GEOG 1300**
  - **GEOG 1300**
  - World Geography
- **HIST 2321**
  - **HIS 1305**
  - World History to 1500
- **HIST 2322**
  - **HIS 1307**
  - History of the U.S. since 1787
- **HIST 1301**
  - **HIS 1305**
  - World History to 1500

### Math:
- **MATH 2412**
  - **MTH 1320**
  - Pre-Calculus
- **MATH 2413**
  - **MTH 1321**
  - Calculus I
- **MATH 2414**
  - **MTH 1322**
  - Calculus II

### Political Science:
- **GOVT 2305**
  - **PSC 1305**
  - American National Government
- **GOVT 2306**
  - **PSC 1306**
  - American State & Local Government

### Foreign Language:
- **FREN 1411**
  - **FRE 1401**
  - Elementary French I
- **FREN 1412**
  - **FRE 1402**
  - Elementary French II
- **FREN 2311**
  - **FRE 2310**
  - Intermediate French I
- **FREN 2312**
  - **FRE 2320**
  - Intermediate French II
- **SPAN 1311**
  - **SPA 1401**
  - Elementary Spanish I
- **SPAN 1312**
  - **SPA 1402**
  - Elementary Spanish II
- **SPAN 2311**
  - **SPA 2310**
  - Intermediate Spanish I
- **SPAN 2312**
  - **SPA 2320**
  - Intermediate Spanish II

### Lifeline Fitness:
- Taught at Baylor; no equivalent course at McLennan

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(Note: Both GOVT 2305 and 2306 must be complete before coming to Baylor to receive credit for PSC 2302. This course may not be transferred from another school after the student has earned hours at Baylor.)

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- **GEOG 1300**
  - **GEOG 1300**
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- **HIST 2321**
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  - World History to 1500
- **HIST 2322**
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### Math:
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  - **MTH 1320**
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  - **MTH 1321**
  - Calculus I
- **MATH 2414**
  - **MTH 1322**
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### Political Science:
- **GOVT 2305**
  - **PSC 1305**
  - American National Government
- **GOVT 2306**
  - **PSC 1306**
  - American State & Local Government

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  - **FRE 2310**
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  - **FRE 2320**
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- **SPAN 1312**
  - **SPA 1402**
  - Elementary Spanish II
- **SPAN 2311**
  - **SPA 2310**
  - Intermediate Spanish I
- **SPAN 2312**
  - **SPA 2320**
  - Intermediate Spanish II
- **GERM 1411**
  - **GER 1401**
  - Elementary German I
- **GERM 1412**
  - **GER 1402**
  - Elementary German II
- **GERM 2311**
  - **GER 2310**
  - Intermediate German I

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