### Bachelor of Arts in Mathematics

**A Suggested Sequence of Required Courses for an Amarillo transfer student (2017-2018 Catalog)**

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<tr>
<th>Freshman Year</th>
<th>Spring</th>
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<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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<td>AMARILLO</td>
<td>BU</td>
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<tr>
<td>CHA 1088</td>
<td>Chapel</td>
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<tr>
<td>ENGL 1301</td>
<td>ENGL 1302</td>
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<td>See Reverse</td>
<td>Lab Science - Area 1</td>
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<td>Foreign Language</td>
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<td>MATH 2413</td>
<td>MTH 1321</td>
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<td><strong>Sophomore Year</strong></td>
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<tr>
<td>ENGL 2322</td>
<td>ENGL 2301</td>
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<td>REL 1350</td>
<td>Christian Heritage</td>
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<td>Lab Science - Area 3</td>
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<td>See Reverse</td>
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<td>See Reverse</td>
<td>Lifetime Fitness</td>
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<tr>
<td>MTH 2321</td>
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<td><strong>Junior Year</strong></td>
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<td>ENGL 3300</td>
<td>Professional &amp; Technical Writing</td>
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<td>See Reverse</td>
<td>Fine Art</td>
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<td>See Reverse</td>
<td>Social Science</td>
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<td>See Reverse</td>
<td>History</td>
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<td>Lifetime Fitness</td>
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<td>MTH 3300</td>
<td>Foundations of Mathematics</td>
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<td><strong>Senior Year</strong></td>
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<td>Math Elective</td>
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<td>See Reverse</td>
<td>Fine Art</td>
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<td>Advanced 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.
- **At least six hours of the MTH Electives or MTH Advanced Electives must be at the "4000" level.**
- **English requirement:** It is recommended that science majors take ENGL 2300 their junior year rather than ENGL 1304.
- **A grade of "C" or better must be earned in all 33 hours of math.**
- For more information, see the Baylor Undergraduate Catalog.
- *Because of the number of electives, there is enough room for a minor with this major.

Please see reverse side for important information on general requirements.
### Baylor Course

**English:**
- ENGL 1301: Thinking and Writing
- ENGL 1304: Thinking, Writing & Research
- ENGL 2322: British Literature
- ENGL 2326, 2327, 2328: American Literature
- ENGL 2331, 2332, 2333: World Literature

**Fine Arts:**
- ARTS 1301: Introduction to Art
- ARTS 1303: History of Art I
- ARTS 1304: History of Art II
  - CLA 3380: Classical Mythology
  - FAS 1306: Freshman Academic Seminar: Fine Arts

**History:**
- HIS 1305: World History to 1500
- HIS 1307: World History since 1500
- HIS 2365: History of the U.S. to 1877
- HIS 2366: History of the U.S. since 1877

**Social Sciences:**
- ANTH 2346: Introduction to Anthropology
- ANTH 1325: Introduction to Global Health
- ANT 2302: The Emergence of World Civilizations
- ANT 3301: Science, Society, and Culture
- ECON 1301: Survey of Econ Princ. For Non-bus. Majors
- ECO 2309: Principles of Microeconomics
- ECO 2307: Principles of Macroeconomics
- FAS 1303: Freshman Academic Seminar: Medicine...
- FAS 1305: Freshman Academic Seminar: Social Science
- GEOG 1300: World Geography
- HON 3100: Advanced Readings and Research Honors
- HON 3101: Advanced Readings and Research Honors
- HON 3100: Colloquium Honors
- HON 3101: Colloquium Honors
- PHIL 2303: Logic
- PHI 1307: Critical Thinking
- PHI 2306: Introduction to Ethics
- PHI 1301: Introduction to Philosophy
- PHI 3310: History of Philosophy: Classical
- PHI 3312: History of Philosophy: Modern Europe
- PHI 3322: Philosophy and the Arts (for Art majors)
- GOVT 2305: American National Government
- GOVT 2306: American State & Local Government
- PSYC 2301: Introductory Psychology
- SOC 1301: Introduction to Sociology

**Political Science:**
- GOVT 2305 AND 2306: American Constitutional Development

### Amariilo Course

**English:**
- ENG 1302: Thinking and Writing
- ENG 1304: Thinking, Writing & Research
- ENG 2301: British Literature
- ENG 2304: American Literature
- ENG 2306: World Literature

**Fine Arts:**
- ART 1300: Introduction to Art
- ART 2302: History of Art I
- ART 2303: History of Art II
- CLA 3380: Classical Mythology
- FAS 1306: Freshman Academic Seminar: Fine Arts

**History:**
- HIS 1305: World History to 1500
- HIS 1307: World History since 1500
- HIS 2365: History of the U.S. to 1877
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**Social Sciences:**
- ANTH 2346: Introduction to Anthropology
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- PHI 3322: Philosophy and the Arts (for Art majors)
- GOVT 2305: American National Government
- GOVT 2306: American State & Local Government
- PSYC 2301: Introductory Psychology
- SOC 1301: Introduction to Sociology

**Political Science:**
- GOVT 2305 AND 2306: American Constitutional Development

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. This substitution is not available for Political Science majors.

**Lifetime Fitness:**
Four activity courses are required

### Baylor Title

**Lab Science:** One course from each area:
- BIOL 1408: Current Issues in Human Biology
- BIOL 1407: Modern Concepts of Bioscience, Continued

### Area 1:

- BIOL 1406: Modern Concepts of Bioscience
- GEO 1401*: Earthquakes & other Natural Disasters
- GEO 1402: World Oceans
- GEO 1403: Exploring the Living World
- GEO 1404: Earth Through Time
- GEO 1405*: Environmental Geology
- GEO 1406: Earth Science
- GEO 1407: Earth Science
- NSC 1306-1306: Introduction to Neuroscience

**Area 2:

- CHEM 1305-1305: Introduction to Chemistry
- CHEM 1311-1111: Basic Principles of Chemistry I
- CHEM 1312-1112: Basic Principles of Chemistry II
- CHEM 1341-1146: Introductory Organic Biochemistry
- CHE 1405**: Chemistry & Society
- CHE 1406: General Physics for BA Students
- PHYS 1404: Light, Vision and Optics
- PHYS 1405: General Physics I
- PHY 1407: Sound and Acoustics
- PHY 1420: General Physics I
- PHY 1445: Descriptive Astronomy

**Area 3:

A third 4-hour lab science course from above or others in the fields of biology, chemistry, geology or physics.

**Math:**
- MATH 1332: Ideas in Mathematics
- MATH 1320: Pre-Calculus
- MATH 2413: Calculus I
- MATH 1342: STA 1300: Elementary Statistics

**Foreign language:**
- FREN 1401: Elementary French I
- FREN 1402: Elementary French II
- SPA 1401: Elementary Spanish I
- SPA 1402: Elementary Spanish II
- SPA 2310: Intermediate Spanish I
- SPA 2320: Intermediate Spanish II
- GER 1401: Elementary German I
- GER 1402: Elementary German II
- GER 1411: OKU 1300: Elementary Greek I
- GER 1412: OKU 1300: Elementary Greek II

**Taught at Baylor: no equivalent course at Amariillo**

### Modern Languages

- Arabic (ARA)
- Portuguese (POR)
- Hebrew (HEB)

### Classical Languages

- Chinese (CHI)
- Russian (RUS)
- Italian (ITA)
- Spanish (SPA)
- Japanese (JPN)
- Swahili (SWA)
- Korean (KOR)