## Bachelor of Arts in Mathematics

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

<table>
<thead>
<tr>
<th>Freshman Year</th>
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<td><strong>Fall</strong></td>
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<td>MTH 1321</td>
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<td>Calculus III</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 ENG 3300 their junior year rather than ENG 1304.
- A grade of “C” or better must be earned in all 33 hours of math.

*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.
**TYLER COURSE** | **BAYLOR COURSE** | **BAYLOR TITLE**
---|---|---
ENGL 1301 | ENG 1302 | Thinking and Writing
ENGL 1304 | ENG 1304 | Thinking, Writing & Research
ENGL 2322 | ENG 2301 | British Literature
ENGL 2327 or 2328 | ENG 2304 | American Literature
ENGL 2332 or 2333 | ENG 2306 | World Literature

**FINE ARTS:** Three courses, each from a different area (i.e. ART, THEA, MUS, etc.):

**ARTS 1301** | ART 1300 | Introduction to Art
**ARTS 1303** | ART 2302 | History of Art I
**ART 2303** | ART 2303 | History of Art II
**CLA 3380** | Classical Mythology
**FAS 1306** | Freshman Academic Seminar: Fine Arts

**COMM 1307** | JOU/FDM 1303 | Introduction to Mass Communication
**MUSI 1306** | MUS 1220 | Introduction to Music
**MUS 3322** | American Popular Music
**MUS 3323** | History of Jazz

**SPCH 1311 or 1315** | CSS 1301 | Fundamentals of Public Communications
**SPCH 1321** | CSS 1302 | Speech for Business & Professional Students
**CSS 1304** | Argumentation, Discussion, and Debate
**DRAM 1310** | THEA 1206 | Theatre Appreciation
**DRAM 2361** | THEA 2374 | History of Theatre I

**HISTORY:**

**HIS 1305** | World History to 1500
**HIS 1307** | World History since 1500
**HIS 1301** | History of the U.S. to 1877
**HIS 1302** | History of the U.S. since 1877

**SOCIAL SCIENCES:** Three courses, each from a different area (i.e. ANT, SOC, PSY, etc.):

**ANT 1305** | Introduction to Anthropology
**ANT 1325** | Introduction to Global Health
**ANT 2302** | The Emergence of World Civilizations
**ANT 3301** | Science, Society, and Culture
**ECO 1305** | Survey of Econ Princ. For Non-bus. Majors
**ECON 2302** | ECO 2306 | Principles of Microeconomics
**ECON 2301** | ECO 2307 | Principles of Macroeconomics
**FAS 1303** | Freshman Academic Seminar: Medicine...
**FAS 1305** | Freshman Academic Seminar: Social Science
**GEOG 1303** | GEO 1100 | World Geography
**HON 3100** | Advanced Readings and Research Honors
**HON 3101** | Advanced Readings and Research Honors
**HON 3200** | Colloquium Honors
**HON 3201** | Colloquium Honors
**PHI 1306** | Logic
**PHI 1307** | Critical Thinking
**PHIL 2306** | PHI 1308 | Introduction to Ethics
**PHIL 1301** | PHI 1321 | Introduction to Philosophy
**PHI 3301** | Moral 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** | PSC 1305 | American National Government
**GOVT 2306** | PSC 1306 | American State & Local Government
**PSYC 2301** | PSY 1305 | Introductory Psychology
**SOC 1301** | SOC 1305 | Introduction to Sociology

**POLITICAL SCIENCE:**

**GOVT 2305 AND 2306** | PSC 2302 | American Constitutional Development

**LAB SCIENCE:** One course from each area:

**BIOL 1408** or **2404** | BIO 1401 | Current Issues in Human Biology
**BIOL 1406** | BIO 1305-1105 | Modern Concepts of Bioscience
**BIOL 1407** | BIO 1306-1106 | Modern Concepts of Bioscience, Continued
**GEO 1402** | Earthquakes & other Natural Disasters
**GEO 1403** | Environmental Geology
**GEOI 140** | The Dynamic Earth
**GEOI 1404** | Earth Through Time
**GEOI 1401** | Earth Science
**NSC 1306-1106** | Introduction to Neuroscience

**AREA 2:**

**CHEM 1406** | CHE 1301-1100 | Introduction to Chemistry
**CHEM 1411** | CHE 1301-1101 | Basic Principles of Chemistry I
**CHEM 1412** | CHE 1302-1102 | Basic Principles of Chemistry II
**CHEM 1341-1146** | Introductory Organic Biochemistry
**CHEM 1405** | CHE 1405** | Chemistry & Society
**PHYS 1405** | PHY 1404 | Light, Vision and Optics
**PHYS 1407** | PHY 1406 | Sound and Acoustics
**PHYS 1403 AND 1404** | PHY 1420 | General Physics I
**PHYS 1455** | Descriptive Astronomy

**AREA 3:**

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

**ANT 1304** | Intro to Human Evolution
**BIOL 2406** | ENV 1301-1100 | Exploring Environment al Issues and lab
**ENV 1303-1103** | Wildlife Ecology and lab
**FAS 1407** | Freshman Academic Seminar: Science

**MATH:**

**MATH 1332 or 1333** | MTH 1301 | Ideas in Mathematics
**MATH 2412** | MTH 1320 | Pre-Calculus
**MATH 2413** | MTH 1321 | Calculus I
**MATH 1342** | STA 1380 | Elementary Statistics

**FOREIGN LANGUAGE:** To be fulfilled with one of the following options:

A. Complete ONE Modern or Classical language through the 2320 level OR
B. Complete TWO Classical languages through the 1302 or 1402 level

Two languages from Latin, Greek, and Hebrew may be used. (It is strongly recommended that the language requirement be started during the first year of residence work. Chemistry, Biochemistry, and Mathematics majors are required to take a modern foreign language.)

**ANT 1304** | Intro to Human Evolution
**BIOL 2406** | ENV 1301-1100 | Exploring Environment al Issues and lab
**ENV 1303-1103** | Wildlife Ecology and lab
**FAS 1407** | Freshman Academic Seminar: Science

**PHYS 1403 AND 1404** | PHY 1420 | General Physics I
**PHYS 1455** | Descriptive Astronomy

**PHIL 2306** | PHI 1308 | Introduction to Ethics
**PHIL 1301** | PHI 1321 | Introduction to Philosophy
**PHI 3301** | Moral 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** | PSC 1305 | American National Government
**GOVT 2306** | PSC 1306 | American State & Local Government
**FAS 1305** | SOC 1305 | Introduction to Sociology

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