# Baylor Bound Major Academic Planner

## Bachelor of Arts in Mathematics

**A Suggested Sequence of Required Courses for a MCC Transfer Student (2016-2017 Catalog)**

### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>MCC</strong></td>
<td><strong>BU</strong></td>
</tr>
<tr>
<td><strong>ENGL 1301</strong></td>
<td><strong>ENG 1302</strong></td>
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<tr>
<td><strong>MATH 2413</strong></td>
<td><strong>MTH 1321</strong></td>
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### Sophomore Year

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<th>Fall</th>
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<tr>
<td><strong>MCC</strong></td>
<td><strong>BU</strong></td>
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<tr>
<td><strong>ENGL 2321/2322</strong></td>
<td><strong>ENG 2301</strong></td>
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<tr>
<td><strong>PHIL 1317</strong></td>
<td><strong>REL 1350</strong></td>
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<tr>
<td><strong>MTH 2321</strong></td>
<td><strong>Calculus III</strong></td>
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### Junior Year

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<tr>
<td><strong>MCC</strong></td>
<td><strong>BU</strong></td>
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<tr>
<td><strong>ENG 3300</strong></td>
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<tr>
<td><strong>MTH 3300</strong></td>
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### Senior Year

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<tr>
<td><strong>MCC</strong></td>
<td><strong>BU</strong></td>
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<tr>
<td>Math Elective</td>
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<td>Math Elective</td>
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<tr>
<td>Math Advanced Elective</td>
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<tr>
<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 ENG 3300 their junior year rather than ENG 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.*
## MCC Course | Baylor Course | Baylor Title
--- | --- | ---
**English:**
ENGL 1301 | ENGL 1302 | Thinking and Writing
ENGL 1302 | ENGL 1304 | Thinking, Writing & Research
ENGL 2321/2322 | ENGL 2301 | British Literature
ENGL 2326/2327/2328 | ENGL 2304 | American Literature
ENGL 2321/2322/2323 | ENGL 2306 | World Literature

**FINE ARTS:** Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):
ARTS 1301 | ART 1300 | Introduction to Art
ARTS 1303 | ART 2302 | History of Art I
ARTS 1304 | ART 2303 | History of Art II
CLA 3380 | CLS 3313 | Classical Mythology
FCS 3313 | FCS 4313 | Historical Design I

**SOCIAL SCIENCES:** Three courses, each from a different areas (i.e. ANT, SOC, PSY, etc.):
HIST 1302 | HIST 1305 | World History to 1500
HIST 2322 | HIST 1307 | World History since 1500
HIST 2301 | HIST 2305 | History of the U.S. to 1877
HIST 2302 | HIST 2306 | History of the U.S. since 1877

**LAB SCIENCE:** One course from each area:
AREA 1:  
Biol 1408 | BIO 1401 | Current Issues in Human Biology
Bio 2403 | BIO 1403 | Exploring the Living World
Bio 1406 | BIO 1305-1105 | Modern Concepts of Bioscience
Bio 1407 | BIO 1306-1106 | Modern Concepts of Bioscience, Continued
Geo 1401* | Geo 1401* | Earthquakes & other Natural Disasters
Geo 1402 | Geo 1402 | World Oceans
Geo 1403* | Geo 1403* | Environmental Geology
Geol 1403 | Geol 1405* | The Dynamic Earth
Geol 1404 | Geo 1406 | Earth Through Time
Geol 1408 | Geo 1408 | Earth Sciences
Nsc 1306-1106 | Introduction to Neuroscience

* Credit allowed for only one of these courses.

AREA 2:  
CHE 1100-1106** | Introduction to Chemistry
Chem 1411 | CHE 1301-1101** | Basic Principles of Chemistry I
Chem 1412 | CHE 1302-1102 | Basic Principles of Chemistry II
Chem 1414-1146 | CHE 1304** | Introductory Organic Biochemistry
Chem 1405** | Che 1405** | Chemistry & Society
Phys 1404 | Phys 1404 | Light, Vision and Optics
Phys 1405 | Phys 1405 | General Physics for BA Students
Phys 1407 | Phys 1407 | Sound and Acoustics
Phys 1420 | Phys 1420 | General Physics II
Phys 1455 | Phys 1455 | Descriptive Astronomy

** Credit allowed for only one of these courses.

AREA 3:  
Anth 2346 | Anth 1305 | Introduction to Anthropology
Anth 1404 | Anth 1404 | Intro to Human Evolution
Env 1301 and 1101 | Env 1301-1101 | Exploring Environment at Issues and lab
Env 1303 and 1103 | Env 1303-1103 | Wildlife Ecology and lab

** 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.)

** Math:  
Math 1332 | Mth 1301 | Ideas in Mathematics
Math 2412 | MTH 1320 | Pre-Calculus
Math 2413 | MTH 1321 | Calculus I
Math 2414 | MTH 1322 | Calculus II
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.

Note: Both GOVT (2301 or 2302) AND (2303) 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

See below:  
PSC 2302 | American Constitutional Development