### Bachelor of Arts in Mathematics

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

#### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>PALO ALTO</td>
<td>BU</td>
</tr>
<tr>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>CHA 1088</td>
<td>Chapel</td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>ENG 1302</td>
</tr>
<tr>
<td>See Reverse</td>
<td>See Reverse</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>MTH 1321</td>
</tr>
</tbody>
</table>

| PALO ALTO                          | BU                                   |
| Title                              | Hours                               |
| ENGL 2322                          | ENGL 2301                            | 3 |
| REL 1350                           | REL 1310                             | 3 |
| See Reverse                        | See Reverse                          | 4 |
| MTH 2321                           | MTH 2311                             | 3 |

#### Sophomore Year

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<th>Fall</th>
<th>Spring</th>
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<td>BU</td>
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<tr>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>ENGL 2322</td>
<td>ENGL 2301</td>
</tr>
<tr>
<td>REL 1350</td>
<td>REL 1310</td>
</tr>
<tr>
<td>See Reverse</td>
<td>See Reverse</td>
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<tr>
<td>MTH 2321</td>
<td>MTH 2311</td>
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#### Junior Year

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<th>Spring</th>
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<td>PALO ALTO</td>
<td>BU</td>
</tr>
<tr>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>ENGL 3300</td>
<td>See Reverse</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Fine Art</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Social Science</td>
</tr>
<tr>
<td>See Reverse</td>
<td>History</td>
</tr>
<tr>
<td>See Reverse</td>
<td>CSI 1430</td>
</tr>
<tr>
<td>MTH 3300</td>
<td>Math Elective</td>
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#### Senior Year

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<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>PALO ALTO</td>
<td>BU</td>
</tr>
<tr>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>Math Elective</td>
<td>Math Advanced Elective</td>
</tr>
<tr>
<td>Math Elective</td>
<td>Math Advanced Elective</td>
</tr>
<tr>
<td>Math Advanced Elective</td>
<td>Advanced Elective*</td>
</tr>
<tr>
<td>See Reverse</td>
<td>Fine Art</td>
</tr>
<tr>
<td>Advanced Elective*</td>
<td>Elective*</td>
</tr>
</tbody>
</table>

#### 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.
ENGLISH:

ENGL 1301  ENG 1302  Thinking and Writing
ENGL 1302  ENG 1304  Thinking, Writing & Research
ENGL 2322  ENG 2301  British Literature
ENGL 2327 or 2328  ENG 2304  American Literature
ENGL 2323 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
ARTS 1304  ART 2303  History of Art II
CLA 1380  Classical Mythology
FAS 2306  Freshman Academic Seminar Fine Arts
COMM 1307 or 1335  JOUR/FDM 1300  Introduction to Mass Communication
MUSI 1306  MUS 1220  Introduction to Music

HISTORY:

HIST 2323  HS 3105  World History to 1500
HIST 2312 or 2322  HS 1307  World History since 1500
HIST 1301  HS 2365  History of the U.S. to 1877
HIST 1302  HS 2366  History of the U.S. since 1877

SOCIAL SCIENCES: Three courses, each from a different areas (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

ECON 1301  ECO 1305  Survey of Econ Princ. For Non-bus. Majors
ECO 2306  Principles of Microeconomics
ECO 2307  Principles of Macroeconomics
FAS 2303  Freshman Academic Seminar/Medicine
FAS 3305  Freshman Academic Seminar/Social Science

GEOG 1303  GEOG 1300  World Geography
HIST 1300  HRT 1300  Advanced Readings and Research Honors
HIST 2301  HRT 2301  Colloquium Honors

PHIL 2303  PHI 1306  Logic
PHIL 1307  PHI 1307  Critical Thinking
PHIL 2306  PHI 1308  Introduction to Ethics

PHIL 1301  PHI 1321  Introduction to Philosophy
PHIL 3311  Moral Philosophy
PHIL 3310  History of Philosophy: Classical
PHIL 3312  History of Philosophy: Modern Europe
PHIL 3322  Philosophy and the Arts (for Art majors)

GOVT 2302 or 2303  PSC 1305  American National Government
GOVT 2301 or 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

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

LAB SCIENCE: One course from each area:

AREA 1:

Biol 1408  BIO 1401  Current Issues in Human Biology
Biol 1405  BIO 1403  Exploring the Living World
Biol 1406  BIO 1305-1105  Modern Concepts of BioScience
Biol 1407  BIO 1306-1106  Modern Concepts of BioScience, Continued
Geo 1401*  Earthquakes & other Natural Disasters
Geo 1402  World Oceans
Geo 1403*  Environmental Geology
Geo 1405*  The Dynamic Earth
Geo 1406  Earth Through Time
Geo 1408  Earth Science
Nsc 1306-1106  Introduction to Neuroscience

AREA 2:

Chem 2406  CHE 1301-1106**  Introduction to Chemistry
Chem 1411  CHE 1301-1103**  Basic Principles of Chemistry I
Chem 1412  CHE 1302-1102  Basic Principles of Chemistry II
Chem 1407  CHE 1341-1146  Introductory Organic Biochemistry
Chem 1405**  Chemistry & Society
Phys 1404  Phys 1404  Light, Vision and Optics
Phys 1405  General Physics for BA Students
Phys 1407  Sound and Acoustics
Phys 1420  General Physics I
Phys 1455  Descriptive Astronomy

AREA 3:

Hist 2360  HIST 1301  History of the U.S. to 1877
Hist 2361  HIST 2321  History of the U.S. since 1877
Hist 2362  HIST 1302  Introduction to US History
Hist 2363  HIST 2363  History of the World

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

A. Complete ONE Modern or Classical language through the 2320 level OR

Ant 1404  Intro to Human Evolution
Biol 2406  ENV 1301-1101  Exploring Environment at Issues and lab
Env 1303-1103  Wildlife Ecology and lab
Fas 1407  Freshman Academic Seminar/Science

B & C. 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 1325  Introduction to Global Health

Languages Taught at Baylor; no equivalent course at Palo Alto

Russian (RUS)

Modern Languages

Korean (KOR)

Spanish (SPA)

Greek (GRC)

Portuguese (POR)

Swahili (SWA)

Hebrew (HEB)

Classical Languages