### Bachelor of Arts in Astronomy

**A Suggested Sequence of Required Courses for a Blinn transfer student (2014-2015 Catalog)**

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>Blinn BU Title Hours</td>
<td>Blinn BU Title Hours</td>
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</tr>
<tr>
<td>ENGL 1301 Thinking and Writing 3</td>
<td>REL 1350 Christian Heritage 3</td>
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<tr>
<td>MATH 2413 Calculus 3</td>
<td>CHE 1411 CHE 1301 Basic Principles of Mod Chemistry 3</td>
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<tr>
<td>See reverse Foreign Language 4</td>
<td>See reverse Foreign Language 4</td>
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</tr>
<tr>
<td>REL 1310 Christian Scriptures 3</td>
<td>MATH 2414 MTH 1322 Calculus II 3</td>
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<tr>
<td>PHY 1420 General Physics I 4</td>
<td>PHY 1430 General Physics II 4</td>
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**Sophomore Year**

<table>
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<th>Spring</th>
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<tr>
<td>Blinn BU Title Hours</td>
<td>Blinn BU Title Hours</td>
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<tr>
<td>CHA 1088 Chapel 0</td>
<td>CHA 1088 Chapel 0</td>
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<tr>
<td>MATH 2311 Linear Algebra 3</td>
<td>ENGL 2322 ENG 2301 British Literature 3</td>
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<tr>
<td>MATH 2415 MTH 4211 Calculus III 3</td>
<td>CSI 1430 Intro to Computer Science w/Lab 4</td>
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<tr>
<td>See reverse Foreign Language 3</td>
<td>See reverse Foreign Language 3</td>
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<tr>
<td>PHY 2350 Modern Physics 3</td>
<td>MTH 3325 Ordinary Differential Equations 3</td>
</tr>
<tr>
<td>PHY 2455 Foundations of Astronomy 4</td>
<td>PHY 2360 Math and Computational Physics 3</td>
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**Junior Year**

<table>
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<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>Blinn BU Title Hours</td>
<td>Blinn BU Title Hours</td>
</tr>
<tr>
<td>See reverse ENG 2304 or ENG 2306 American or World Literature 3</td>
<td>ENG 3300 Professional and Technical Writing 3</td>
</tr>
<tr>
<td>See reverse Fine Arts 3</td>
<td>See reverse Fine Arts 3</td>
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<tr>
<td>See reverse Lifetime Fitness 1</td>
<td>See reverse Social Science 3</td>
</tr>
<tr>
<td>MTH 3326 Partial Differential Equations 3</td>
<td>See reverse Lifetime Fitness 1</td>
</tr>
<tr>
<td>PHY 3320 Intermediate Classical Mechanics 3</td>
<td>See reverse Lab Science - Area 1 4</td>
</tr>
<tr>
<td>PHY 3455 Observational Astronomy 4</td>
<td>PHY 3350 Topics in Astronomy 3</td>
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**Senior Year**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>Blinn BU Title Hours</td>
<td>Blinn BU Title Hours</td>
</tr>
<tr>
<td>PHY 4350 Intro to Stellar Structures 3</td>
<td>PHY 4351 Intro to Modern Cosmology 3</td>
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<tr>
<td>PHY 4150 Instructional Observing 1</td>
<td>See reverse Fine Arts 3</td>
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<tr>
<td>PHY 4001 Exit Exam 0</td>
<td>See reverse Social Science 3</td>
</tr>
<tr>
<td>See reverse Social Science 3</td>
<td>See reverse History 3</td>
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<tr>
<td>See reverse History 3</td>
<td>See reverse Lifetime Fitness 1</td>
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<tr>
<td>See reverse PSC 2302 American Constitutional Development 3</td>
<td>Advanced Elective 3</td>
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<tr>
<td>See reverse Lifetime Fitness 1</td>
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<tr>
<td>Advanced Elective 3</td>
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<td>16</td>
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**Notes about major requirements:**

- Lab Science options: BIO 1305/1105, 1306/1106; NSC 1306/1106; BIO 1401; GEO 1401, 1402, 1403, 1405, 1406, 1408.
- In order to meet the advanced hour requirement, you may need to take at least two 3000-4000 fine art or social science courses.
- English requirement: It is recommended that science majors take ENG 3300 during their junior year rather than ENG 1304.
- Many required courses are offered only one time each year in either the fall semester or the spring semester.
- For more information, see the Baylor Undergraduate Catalog.

Please see reverse side for important information on general requirements.
### BACHELOR OF ARTS (BA) DEGREE CHECKLIST
(2014-2015 BAYLOR UNDERGRADUATE CATALOG)

<table>
<thead>
<tr>
<th>BLINN COURSE</th>
<th>BAYLOR COURSE</th>
<th>BAYLOR TITLE</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>ENGL 1302</td>
<td>Thinking and Writing</td>
</tr>
<tr>
<td>ENGL 1304</td>
<td>ENGL 1305</td>
<td>Thinking, Writing &amp; Research</td>
</tr>
<tr>
<td>ENGL 2322</td>
<td>ENGL 2321</td>
<td>British Literature</td>
</tr>
<tr>
<td>ENGL 2327 or 2328</td>
<td>ENGL 2324</td>
<td>American Literature</td>
</tr>
<tr>
<td>ENGL 2332 or 2333</td>
<td>ENGL 2326</td>
<td>World Literature</td>
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**FINE ARTS:** Three courses, each from a different areas (i.e. ART, THEA, MUS, etc.):

- ART 1300: Introduction to Art
- ART 2302: History of Art I
- ART 2303: History of Art II
- CLA 3380: Classical Mythology
- FCS 3313: Historical Design I
- FCS 4313: Historical Design II
- FAS 1306: Introduction to Mass Communication
- MUSI 1306: Introduction to Music
- MUS 3322: American Popular Music
- MUS 3323: History of Jazz
- SPCH 1311 or 1315: Fundamentals of Public Communications
- SPCH 1321: Speech for Business & Professional Students
- SPCH 2335: Argumentation, Discussion, and Debate
- DRAM 1310: Theatre Appreciation
- THEA 2374: History of Theatre I

**HISTORY:**

- HIST 2321: World History to 1500
- HIST 2322: World History since 1500
- HIST 1301: History of the U.S. to 1877
- HIST 1302: History of the U.S. since 1877

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

- ANTH 2346: Introduction to Anthropology
- ANT 3301: Science, Society, and Culture
- ECO 2305: Survey of Econ Princ. For Non-Bus. Majors
- ECO 2306: Principles of Microeconomics
- ECO 2307: Principles of Macroeconomics
- FAS 1303: Historical Design II
- FAS 1305: Historical Design II
- GEOG 1303: World Geography
- HIR 3100: World History to 1500
- HIR 3101: World History since 1500
- HIR 3200: History of the U.S. to 1877
- HIR 3201: History of the U.S. since 1877
- PHIL 2303: Logic
- PHIL 1307: Critical Thinking
- PHIL 1308: Introduction to Ethics
- PHIL 1301: Introduction to Philosophy
- PHIL 3301: Moral Philosophy
- PHIL 3310: History of Philosophy: Classical
- PHIL 3311: History of Philosophy: Modern Europe
- PHIL 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

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

- BIOL 1408: Current Issues in Human Biology
- BIOL 1403: Exploring the Living World
- BIOL 1406: Modern Concepts of Bioscience
- BIOL 1407: Modern Concepts of Bioscience, Continued
- GEO 1401*: Earthquakes & other Natural Disasters
- GEO 1402: World Oceans
- GEO 1403*: Environmental Geology
- GEO 1404: Earth Through Time
- GEO 1408: Earth Science
- NSC 1306-1106: Introduction to Neuroscience

* Credit allowed for only one of these courses.

**AREA 1:**

- CHEM 1405: Introduction to Chemistry
- CHEM 1411: Basic Principles of Chemistry I
- CHEM 1412: Basic Principles of Chemistry II
- CHEM 1407: Introductory Organic Biochemistry
- CHEM 1405**: Chemistry & Society
- PHY 1404: Light, Vision, and Optics
- PHYS 1410: General Physics for BA Students
- PHYS 1407: Sound and Acoustics
- PHYS 1420: General Physics I
- PHYS 1403: Descriptive Astronomy

**AREA 2:**

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

- ANT 1404: Intro to Human Evolution
- ENV 1301-1101: Exploring Environmental Issues and lab
- ENV 1303-1103: Wildlife Ecology and lab

**MATH:**

- MATH 1332: Ideas in Mathematics
- MATH 2312: Calculus I
- MATH 1342: 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.)

- FREN 1411: Elementary French I
- FREN 1412: Intermediate French I
- FREN 2310: Intermediate French II
- FREN 2320: Intermediate French II
- SPA 1401: Elementary Spanish I
- SPA 1402: Elementary Spanish II
- SPA 2310: Intermediate Spanish I
- SPA 2320: Intermediate Spanish II
- GERM 1401: Elementary German I
- GERM 1402: Elementary German II
- GER 2310: Intermediate German I
- GER 2320: Intermediate German II

**Modern Languages:**

- Arabic (ARB)
- Portuguese (POR)
- Latin (LAT)
- Chinese (CHI)
- Russian (RUS)
- Greek (GRE)
- Italian (ITA)
- Spanish (SPA)
- Hebrew (HEB)
- Japanese (JPN)
- Swahili (SWA)
- Korean (KOR)

**Classical Languages:**

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

- ENV 1301-1101: Exploring Environmental Issues and lab
- ENV 1303-1103: Wildlife Ecology and lab
- ANT 1404: Intro to Human Evolution
- ENV 1301-1101: Exploring Environmental Issues and lab
- ENV 1303-1103: Wildlife Ecology and lab