### Bachelor of Arts in Physics

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

#### Freshman Year

<table>
<thead>
<tr>
<th>Blinn BU</th>
<th>Title</th>
<th>Hours</th>
<th>Blinn BU</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301</td>
<td>Thinking and Writing</td>
<td>3</td>
<td>REL 1350</td>
<td>Christian Heritage</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>Calculus</td>
<td>3</td>
<td>CHE 1411</td>
<td>CHE 1301</td>
<td>Basic Principles of Mod Chemistry</td>
</tr>
<tr>
<td>See reverse</td>
<td>Foreign Language</td>
<td>4</td>
<td>See reverse</td>
<td>Foreign Language</td>
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</tr>
<tr>
<td>REL 1420</td>
<td>General Physics I</td>
<td>4</td>
<td>PHY 1430</td>
<td>General Physics II</td>
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**Total Hours:** 17

#### Sophomore Year

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<th>Blinn BU</th>
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<th>Blinn BU</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>CHA 1088</td>
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<td>CHA 1088</td>
<td>Chapel</td>
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<tr>
<td>See reverse</td>
<td>Foreign Language</td>
<td>3</td>
<td>See reverse</td>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>See reverse</td>
<td>Social Science</td>
<td>3</td>
<td>ENGL 2322</td>
<td>ENGLISH 2301</td>
<td>British Literature</td>
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<tr>
<td>MATH 2415</td>
<td>Calculus III</td>
<td>3</td>
<td>See reverse</td>
<td>Lifetime Fitness</td>
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<tr>
<td>PHY 2135</td>
<td>Basic Electronics Lab</td>
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<td>MTH 3325</td>
<td>Ordinary Differential Equations</td>
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<tr>
<td>PHY 2350</td>
<td>Modern Physics</td>
<td>3</td>
<td>PHY 2360</td>
<td>Math and Computational Physics</td>
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**Total Hours:** 16

#### Junior Year

<table>
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<tr>
<th>Blinn BU</th>
<th>Title</th>
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<th>Blinn BU</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>See reverse</td>
<td>ENGLISH 2304 or ENGLISH 2306</td>
<td>American or World Literature</td>
<td>3</td>
<td>ENG 3300</td>
<td>Professional and Technical Writing</td>
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<tr>
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<td>Fine Arts</td>
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<td>MTH 3326</td>
<td>Partial Differential Equations</td>
<td>3</td>
<td>PHY 3176</td>
<td>Intermediate Physics Lab II</td>
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<tr>
<td>PHY 3372</td>
<td>Intro to Quantum Mechanics I</td>
<td>3</td>
<td>PHY 3330</td>
<td>Inter Electricity &amp; Magnetism</td>
<td>3</td>
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</tbody>
</table>

**Total Hours:** 17

#### Senior Year

<table>
<thead>
<tr>
<th>Blinn BU</th>
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<th>Blinn BU</th>
<th>Title</th>
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<td>Fine Arts</td>
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<td>Social Science</td>
<td>3</td>
<td>See reverse</td>
<td>History</td>
<td>3</td>
</tr>
<tr>
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<td>History</td>
<td>3</td>
<td>See reverse</td>
<td>Lifetime Fitness</td>
<td>1</td>
</tr>
<tr>
<td>See reverse</td>
<td>PSC 2302</td>
<td>American Constitutional Development</td>
<td>3</td>
<td>Advanced Elective</td>
<td>3</td>
</tr>
<tr>
<td>See reverse</td>
<td>Advanced Elective</td>
<td>3</td>
<td>Advanced Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours:** 16

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**Notes about major requirements:**

- Choose your 6 hours of 3000-4000 level courses from these options: 3373, 4322, 4340, 4360, 4372, 4373, 4374.
- 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 one 3000-4000 fine art or social science.
- 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.
PSY, etc.): SOCIAL SCIENCES: Three courses, each from a different areas (i.e. ANT, SOC, LIFETIME FITNESS: Four activity courses are required

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

HISTORY:

ENGLISH: LAB SCIENCE: One course from each area:

SPANISH: Three courses, each from a different areas (i.e. SPA, ESP, RUS, etc.):

ART 1300 Introduction to Art

ART 2302 History of Art I

ART 2303 History of Art II

CLA 3308 Classical Mythology

FCS 3313 Historical Design I

FCS 4313 Historical Design II

FAS 1306 FINE/DM 1303 Introduction to Mass Communication

MUSI 1306 MUS 1200 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

SPCH 2335 CSS 1304 Argumentation, Discussion, and Debate

DRAM 1310 THEA 1206 Theatre Appreciation

THEA 2374 History of Theatre I

HISTORY:

HIST 2321 HIS 1305 World History to 1500

HIST 2322 HIS 1307 World History since 1500

HIST 1301 HIS 2365 History of the U.S. to 1877

HIST 1302 HIS 2366 History of the U.S. since 1877

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

ANTH 2346 ANT 1305 Introduction to Anthropology

ANT 3301 Science, Society, and Culture

ECO 1305 Survey of Econ Princ. For Non-bus. Majors

ECO 2306 Principles of Microeconomics

ECO 2307 Principles of Macroeconomics

FAS 1303 FAS 1305

FAS 1305

GEOG 1303 GEOG 1300 World Geography

HNR 3100

HNR 3101

HNR 3200

HNR 3204

PHIL 2303 PH 1306 Logic

PHIL 1307 Critical Thinking

PHIL 2306 PH 1308 Introduction to Ethics

PHIL 1301 PHIL 1321 Introduction to Philosophy

PHIL 3301 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 2305 PSC 1305 American National Government

GOVT 2306 PSC 1306 American State & Local Government

PSYC 2301 PSY 1305 Introductory Psychology

SOCT 1301 SOC 1305 Introduction to Sociology

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

BACHELOR OF ARTS (BA) DEGREE CHECKLIST
(2014-2015 BAYLOR UNDERGRADUATE CATALOG)