

**SECONDARY LIFE SCIENCE through the Baylor Interdisciplinary Core (BIC)**

*A suggested sequence of course, many courses in the Freshman and Sophomore years are interchangeable. Course selection is subject to availability and fit within each semester.*

**FRESHMAN-FALL**

BIC 1112 Examined Life  
 BIC 1314 World Cultures I  
 BIC 1313 Rhetoric I  
 BIO 1305 Modern Concepts of Bioscience  
 BIO 1105 Modern Concepts of Bioscience Laboratory  
**TED 1312 Introduction to Teaching**  
 Chapel (CR)  
**Total: 15 s.h.**

**FRESHMAN-SPRING**

BIC 1323 Rhetoric II  
 BIC 1324 World Cultures II  
 CHE 1301/1101 Basic Principles of Chemistry I  
 BIO 1306 Modern Concepts of Bioscience  
 BIO 1106 Modern Concepts of Bioscience Lab  
 MTH 1320 Pre-Calculus  
 Chapel (CR)  
**Total: 17 s.h.**

**SUMMER:** Foreign Language (6-8 hrs.) (or take science classes in summer)

**SOPHOMORE-FALL**

**TED 3380/3180 Social Issues (and Lab)**  
 (Sub for BIC 2330)  
 BIC 2334 World Cultures III  
 CHE 1302 Basic Principles of Chemistry I  
 CHE 1102 General Chemistry Lab I  
 BIO 2306 Genetics  
 BIO 2106 Genetics Laboratory  
**Total: 15 s.h.**

**SOPHOMORE-SPRING**

BIC 2340 Social World II  
 BIC 2344 World Cultures IV  
**EDP 2326 The Developing Child**  
 STA 1380 Elementary Statistics  
 BIO 3303 Ecology  
 LF 11\*\* Lifetime Fitness  
**Total: 16 s.h.**

**Must have minimum 2.75 gpa (cumulative & in major) to begin Teaching Associate.**

**JUNIOR-FALL**

**TED 3342 School and Classroom Environment**  
**TED 3387 Secondary Science Methods**  
 BIO 4333 Science Leadership or Upper level BIO Elective  
 BIO 4365 Topics in Evolution or BIO 4366  
 GEO 1408 Earth Science  
**Total: 16 s.h.**

**JUNIOR-SPRING**

**TED 3641 Science Practicum**  
 PHY 1405 General Physics  
 BIO 3422 Human Physiology  
**OR**  
 HP 1420 Human Anatomy  
 BIC 3358 Biblical Heritage and Ethics  
**Total: 17 s.h.**

**SENIOR-FALL**

**TED 4640 Internship Secondary Part I**  
**TED 4641 Internship Secondary Part II**  
**TED 4325 Science Curriculum**  
**Total: 15 s.h.**

**SENIOR-SPRING**

**TED 4642 Internship Secondary Part III**  
**TED 4643 Internship Secondary Part IV**  
**Total: 12 s.h.**

**TOTAL SEMESTER HOURS: 118-124\*\***

\* Second level proficiency is required.

\*\*The minimum hour requirement for a Baylor degree is 124 hours. Elective hours may be needed to meet this requirement.

## SECONDARY LIFE SCIENCE

**To enter the Teaching Associate coursework a formal application process must be completed. The requirements include:**

- Minimum gpa of 2.75 (cumulative & major)
- 2016 480+ on EBRW and 530+ on math test; ACT 23 (19+ English/Math), qualifying TAKS/STAAR test scores or appropriate THEA score.
- *International Students*: TOEFL exam and score of 26 on speaking component.
- Teaching Associate application and paperwork on file with the Office of Professional Practice.

(Please note: Students will be notified of admission decision by email and must respond to the notification within 10 days of receiving the email.)

**To enter the Internship coursework the following must be achieved:**

- Minimum gpa of 2.75 (cumulative & major)
- Grade of B or better, each semester, in each of the Teaching Associate courses.
- 80% earned overall score on the PPR and content Diagnostic TExES exams.
- One official TExES test attempted.
- Summative e-folio benchmark assessment with a mean rating equal to or greater than 4 (on 9-point scale).

**The School of Education has high expectations for our teaching candidates while placed in local school classrooms. The expectations are as follows:**

- Any Teacher Education (TED) course may only be repeated once: some TED courses require faculty permission to be repeated.
- A grade of B or higher must be earned in Teaching Associate and Internship courses in order to move on to subsequent semester of coursework.
- If a student does not earn a grade of B or higher in Teaching Associate and/or Internship courses, he/she must initiate an appeal as outlined in the Professional Development School Teacher Education Handbook.. This process will determine if the student is able to continue in the Teacher Education Program.

**Please note: “Course completion” requirements may vary according to certificate programs as specified in the Professional Development School Teacher Education.**