

**SECONDARY PHYSICAL 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 1212 Examined Life  
 BIC 1314 World Cultures I  
 BIC 1413 Rhetoric I  
**TED 1312 Introduction to Teaching**  
**TED 1112 Instructional Technology Lab**  
 MTH 1321 Calculus I  
 Chapel (CR)  
**Total: 16 s.h.**

**FRESHMAN-SPRING**

BIC 1323 Rhetoric II  
 BIC 1324 World Cultures II  
 HIS 2365 History of the United States to 1877 (sub WC IV)  
 TED 2381 American Educational Thought  
 MTH 1322 Calculus II  
 LF \_\_ Lifetime Fitness\_\_  
 Chapel(CR)  
**Total: 16 s.h.**

**SUMMER:** Foreign Language (6-8 hrs.)

**SOPHOMORE-FALL**

BIC 2330 Social World I  
 BIC 2334 World Cultures III  
 CHE 1301 Basic Principles of Modern Chem I  
 CHE 1101 General Chemistry Lab I  
 PHY 1420 General Physics I  
 LF \_\_ Lifetime Fitness

**Total: 15 s.h.**

**SOPHOMORE-SPRING**

**TED 2340 Teaching in the Secondary School**  
**TED 2112 Instructional Technology Lab II**  
 CHE 1302 Basic Principles of Modern Chem II  
 CHE 1102 General Chemistry Lab II  
 PHY 1430 General Physics II  
 BIC 2340 Social World II

**Total: 15 s.h.**

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

**JUNIOR-FALL**

**TED 3340 Teaching Associate Secondary Part I**  
**TED 3387 Secondary Science Practicum I**  
 TED 3380 Social Issues in Education  
 CHE 3331 Organic Chemistry I  
 BIC 3358 Biblical Heritage  
**Total: 15 s.h.**

**JUNIOR-SPRING**

**TED 3341 Teaching Associate Secondary Part II**  
**TED 3387 Secondary Science Practicum II**  
 Advanced Physics (3000-4000) (4 hour)  
 CHE 3332 Organic Chemistry II  
 CHE 3238 Organic Chemistry Laboratory  
**Total: 15 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. Sign Language not allowed.

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

**For English as a Second Language (ESL) Supplementary Certification**

- Add TED 4312 Methods of Teaching English as a Second Language to the junior or senior year.

**SECONDARY PHYSICAL SCIENCE**

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

- Minimum gpa of 2.75 (cumulative & major)
- One of the following: SAT 1070 (500+ Reading/Math), 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.**