

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 1212 Examined Life
 BIC 1314 World Cultures I
 BIC 1413 Rhetoric I
 CHE 1300 Introductory Chemistry
 CHE 1100 Introductory Chemistry Laboratory
TED 1312 Introduction to Teaching
TED 1112 Instructional Technology Lab
 Chapel (CR)

Total: 17 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)
 BIO 1305 Modern Concepts of Bioscience
 BIO 1105 Modern Concepts of Bioscience Laboratory
 MTH 1320 Pre-Calculus
 LF __ Lifetime Fitness
 Chapel (CR)

Total: 17 s.h.**SUMMER:** Foreign Language (6-8 hrs.)**SOPHOMORE-FALL**

TED 2340 Teaching in the Secondary School
TED 2112 Instructional Technology Lab II
 BIO 1306 Modern Concepts of Bioscience
 BIO 1106 Modern Concepts of Bioscience Lab
 BIC 2330 Social World I
 BIC 2334 World Cultures III
 LF __ Lifetime Fitness

Total: 15 s.h.**SOPHOMORE-SPRING**

BIO 2306 Genetics
 BIO 2106 Genetics Laboratory
 TED 2381 American Educational Thought
 STA 1380 Elementary Statistics
 BIO 3303 Ecology
 BIC 2340 Social World II

Total: 16 s.h.

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

JUNIOR-FALL

TED 3340 Teaching Associate Secondary School Part I
TED 3387 Secondary Science Practicum I
 TED 3380 Social Issues in Education
 BIO 4365 Topics in Evolution
 CHE 1341 Introductory Organic Biochemistry
 CHE 1146 Introductory Organic Biochemistry Lab

Total: 16 s.h.**JUNIOR-SPRING**

TED 3341 Teaching Associate Secondary School Part II
TED 3388 Secondary Science Practicum II
 BIO 3422 Human Physiology
OR
 HP 1420 Human Anatomy
 BIO Upper-Level Elective (3-4 hour)
 BIC 3358 Biblical Heritage and Ethics

Total: 16-17 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. 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 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)
- 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.