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
- BIO 1305  Modern Concepts of Bioscience
- BIO 1105  Modern Concepts of Bioscience Laboratory
- TED 1312  Introduction to Teaching
  Chapel (CR)

Total: 17 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: 14 s.h.

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

**SOPHOMORE-FALL**
- TED 3380/3180  Social Issues (and Lab)
  (Sub TED 3380 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

Total: 15 s.h.

**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.