# BAYELOU UNIVERSITY

## SCHOOL OF EDUCATION

### 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.**

#### 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
- 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.

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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.

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