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.

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.

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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.

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