

SECONDARY PHYSICAL SCIENCE

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

ENG 1302 Thinking & Writing
REL 1310 The Christian Scriptures
3-4 Foreign Language if needed
MTH 1321 Calculus I
TED 1312 Introduction to Teaching
LF 1134 Fitness Theory Practice
Chapel (CR)

Total: 16-17 s.h.

FRESHMAN-SPRING

ENG 1304 Thinking, Writing, and Research
REL 1350 The Christian Heritage
3-4 hrs Foreign Language if needed
MTH 1322 Calculus II
PHY 1455 Descriptive Astronomy
Chapel (CR)

Total: 16-17 s.h.

SOPHOMORE-FALL

EDP 3326 Human Growth & Development
CHE 1301 Basic Principles of Modern Chem I
CHE 1101 General Chemistry Lab I
PHY 1420 General Physics I
PSC 2302 American Constitutional Development
PUBH 1145 Health and Human Behavior

Total: 15 s.h.

SOPHOMORE-SPRING

TED 3380 Social Issues in Education
CHE 1302 Basic Principles of Modern Chem II
CHE 1102 General Chemistry Lab II
PHY 1430 General Physics II
HIS 2365 History of the United States to 1877
LF 11__ Lifetime Fitness

Total: 15 s.h.

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

JUNIOR-FALL

TED 3340 School & Classroom Environment
TED 3387 Science Methods
Lab Science Elective (3-4 hrs) See note below Lab
Science Elective (3-4 hrs) See note below
CHE 3331 Organic Chemistry I

Total: 15-17 s.h.

JUNIOR-SPRING

TED 3641 Science Practicum
Fine Arts (2-3 hrs from ART 1300, MUS 1220, THEA 1206)
CHE 3332 Organic Chemistry II
CHE 3238 Organic Chemistry Laboratory
Elective 2 hrs (if needed)

Total: 15-16

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: 120-124***

*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.

Additional note: Since Secondary PS teachers are certified to teach grades 6-8 as well as high school physical sciences it is suggested that students take at least one of the following as an elective: Bio 1401, 1305, 1306 and/or Geo 1408 (Earth Science).

BAYLOR UNIVERSITY SCHOOL OF EDUCATION

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 prior to March 5, 2016 1070 (500+ Reading/Math), or SAT on or after March 5, 2016 480+ on EBRW and 530+ on mathematics test, ACT 23 (19+ English/Math), qualifying TAKS/STAAR test scores or appropriate TSI 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 program.

Please note: "Course completion" requirements may vary according to certificate programs as specified in the Professional Development School Teacher Education.