

# BS in Chemistry Education - 2024-2025

| Student Name: |  |
|---------------|--|
| Student ID:   |  |

## Chemistry Courses

|           | 1E Z I I         | 4     | College Chemistry i                   |
|-----------|------------------|-------|---------------------------------------|
| CH        | HE 212           | 4     | College Chemistry II                  |
| CH        | HE 301           | 4     | Analytical Chemistry I                |
| CH        | HE 302           | 4     | Analytical Chemistry II               |
| CH        | HE 311           | 4     | Organic Chemistry I                   |
| CH        | HE 420           | 1     | Chemistry Thesis                      |
| CH        | HE 431           | 4     | Physical Chemistry I                  |
| Select at | least <u>one</u> | cours | se from:                              |
| CH        | HE 312           | 4     | Organic Chemistry II                  |
| CH        | HE 320           | 4     | Environmental Pollution and Toxicolog |
| CI        | HE 330           | 4     | Advanced Inorganic Chemistry          |
| CH        | HE 411           | 3     | Biochemistry I                        |
|           |                  |       |                                       |

## Additional Major Requirements

| MAT 151 | 4   | Calculus I         |
|---------|-----|--------------------|
| MAT 230 | 4   | Calculus II        |
| PHY 211 | 4-5 | University Physics |
|         |     |                    |

## Select one course from the following:

| PHY 204 | 4 | General Physics II    |
|---------|---|-----------------------|
| PHY 212 | 5 | University Physics II |

**Total Major Hours Required: 44-47** 

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| Professional Ed  | lucatio | on Courses — All curriculum courses must be completed with a grade of C- or better and are counted in major GPA.   |
|------------------|---------|--|
| EDU 150          | 3       | Education in America   |
| EDU 222          | 2       | Reading in the Content Area for Secondary Teachers   |
| EDU 260          | 3       | Educational Psychology   |
| EDU 307          | 2       | Discipline and Classroom Management for Secondary Teachers   |
| EDU 309          | 1       | Methods of Instruction and Assessment in Secondary Education   |
| EDU 332          | 2       | The Junior High/Middle School  |
| EDU 344          | 1       | Educational Technology in Secondary Education  |
| EDU 384          | 1       | Perspectives in Diversity  |
| EDU 431          | 17      | Supervised Internship in Secondary Schools   |
| NAS 309          | 2       | Science Education Methods  |
| SED 220          | 3       | Exceptional Children   |
| Additional Educ  | ation   | Requirements — All curriculum courses must be completed with a grade of C- or better and are counted in major GPA. |
| ENG 110          | 3       | College Composition  |
| PSY 340          | 3       | Adolescent Psychology  |
| Select one cours | e from  | the following:   |
| CAC 160          | 3       | Integrative Communication  |
| COM 210          | 3       | Public Speaking  |
|                  |         | •  |

### Degree Requirements

- 128 minimum hours and 42 minimum upper-division hours (3XX/4XX course numbers).
- Fifty percent of the minimum hours must be completed at Taylor—64 hours.
- Fifty percent of the major/minor hours must be completed at Taylor.
- 22 of the last 30 hours earned must be completed at Taylor.
- Cumulative GPA of 2.0; major GPA of 2.3 (higher GPA may be required in certain curricula). (See current catalog for policy).
- All foundational core, major, minor, and proficiency requirements must be completed (including Senior Comprehensive Exam/Paper/Project).
- Two years of one foreign language is required for the BA degree.
- Candidates for 2 degrees must complete a minimum of 158 semester hours and meet all requirements for 2 different majors.

# ${\it Education\ majors\ may\ also\ complete\ optional\ concentrations:}$

# SpEd Mild-Moderate P-12 Licensure

| SED 220<br>SED 330<br>SED 340<br>SED 350<br>SED 355 | 3<br>3<br>3<br>3 | Exceptional Children Foundations of Special Education Assessment of Exceptional Learners Behavior Management and Disorders Methods of Special Education |
|---|------------------|---|
| SED 333   | 3                | Special Education Integrative Seminar   |
| SED 355   | 3<br>3<br>3      | Methods of Special Education  |

| SpEd Intense P-12 | Licer | nsur <u>e</u>  |
|-------------------|-------|--|
| SED 375           | 3     | Low-Incidence Disabilities-Instruction and Learning                  |
| SED 380           | 3     | Low-Incidence Disabilities-Independence and Self-determination       |
| SED 390           | 3     | Low-Incidence Disabilities-Collaboration and Individualized Programs |

# TESOL P-12 Licensure Concentration

| EDU 260 | 3  | Educational Psychology                               |
|---------|----|--|
| EDU 431 | 17 | Supervised Internship in Secondary Schools (TESOL)   |
| TSL 201 | 3  | Introduction to SLA and the Field of Teaching ESOL   |
| TSL 210 | 3  | Teaching ELL in P-12 Classroom                       |
| TSL 303 | 3  | Methods and Assessment in TESOL                      |
| TSL 305 | 3  | Pedagogical Grammar and Applied Linguistics in TESOL |
| TSL 482 | 3  | Seminar with Field Experience in TESOL               |